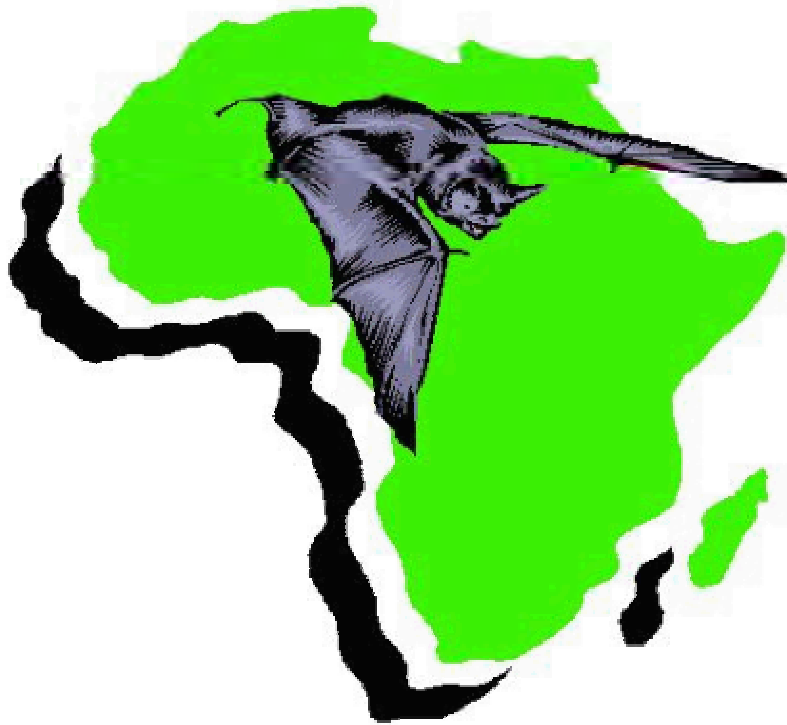


AFRICAN CHIROPTERA REPORT

2007



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Introduction

The purpose of the African Chiroptera Report is to collate published information on, and specimen records of, African bats. The advent of the internet provides an opportunity for large amounts of information to be easily and economically updated and accessible, which is particularly important for taxonomic information. The electronic, web-based nature of the information is intended to allow information on African bats to be corrected/ updated more frequently than a printed format allows, and to be available to users in an affordable form that can be manipulated to their specific requirements. It is hoped this tool will facilitate research and conservation planning, and possibly stimulate interactions across different areas of research. The report is generated from data collated in the African Chiroptera Database and will hopefully grow and develop with the addition of new and corrected information.

As was indicated in the 2006 release, an African Chiroptera Taxonomic Advisory Committee was established to guide the development of this resource, and this Committee has made valuable contributions regarding the incorporation of suggested changes/corrections, in particular in relation to the taxonomy, into this report. The report is currently most comprehensive in the presentation of information on all known synonyms, for presently accepted taxa of African bat species. Having a high Chiroptera diversity, there are currently 11 families, 54 genera and 273 species, recognized in the report, occurring in Africa. The synonym information is still largely based on work by Meester et al. (1986), Koopman (1993), and Simmons (2005). The work of Simmons (2005) is still generally followed in the report for the status of lower taxonomic groups, and we are especially indebted to this publication. Unlike the 2006 release, the taxonomy of the higher orders in this report is not conservative. The report also incorporates more information on the whereabouts of type specimens, name combinations, and spelling variations and errors/*lapsus calami* in names.

The incorporation of information other than taxonomic information (see the various section headings in the description of the layout below) has been slower, and is currently patchy in its execution across the taxa. Information that may answer specific requirements of a user, i.e. more information about the voucher specimens, or specimen collectors, has been drawn from across the database and is presented in separate appendices. Published identification keys for African bat species, have, where necessary, been updated to include current names, and are presented in an appendix. A start has also been made, in an appendix, to make images available of type specimens.

At the time the 2007 report was generated the African Chiroptera Database contained 24,891 specimen records, of which 24,069 (96.7 %) were known to species level. Of the specimens identified to species 22,167 (92.0 %) had sufficient locality and coordinate data to allow plotting of all the localities of all species in Africa (Figure 1) and species distribution maps, presented within each species account, covering 201 of the 273 species. These maps probably indicate biases in relation to the collections from which data has currently been obtained. It is estimated that about 100,000 to 150,000 specimen records are available for African Chiroptera in collections around the world, and hence the 2007 report has probably captured about 16.5 - 25% of these records.

Any mistakes, misrepresentation of data, or omitted publications can be reported to the managing editors of the database (AfricanChiropteraReport@Africanbats.org). This will allow corrections and updates to be made in the next report. It is envisaged that over the next few years the report and database will grow exponentially, hence the report will continue to be released annually, around July.

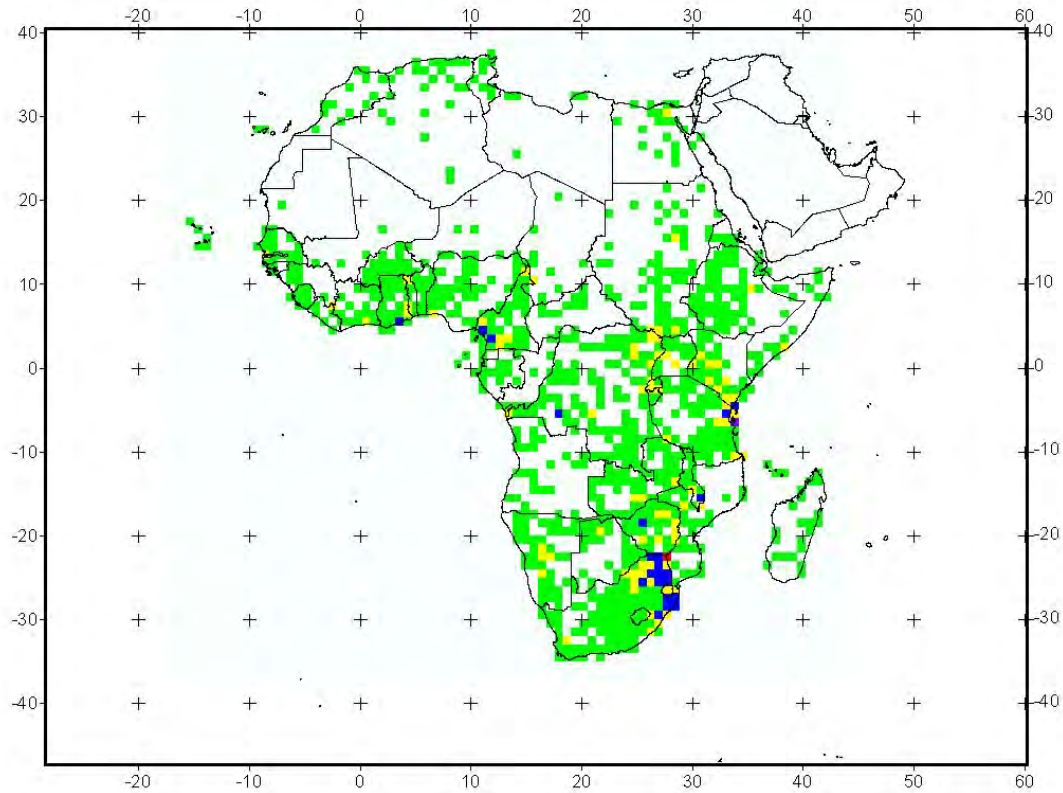


Figure 0: Distribution of different bat species in Africa, calculated in one degree grid size from the species data in the African Chiroptera Database 2007. Green= 1-8 species; yellow= 9-17 species; blue= 18-25 species; purple= 26-34 species; red= 35-42 species.

LAYOUT OF ACCOUNTS

The **taxa** are presented in alphabetical order, top down (Order, Suborder, Infraorder...etc.).

In the **synonyms list**, an asterisk (*) in front of the year indicates that the synonym represents the original name for the taxon. This also reveals instances where it is not necessarily the oldest name that has taken precedence. The use of colours denotes the following: **red** – first name used; **blue** – name currently in use; **green** – valid synonyms; **black** – name combinations, spelling variations and errors/*lapsus calami*. A question mark (?) in the position of the year indicates that the first use of a particular name combination has not yet been determined.

Information relating to the following section headings, or citations to relevant publications, may also be presented in an account if information relating to these sections has been published or communicated (e.g. "pers. Comm." or "unpublished report"), and has been entered in the database. If a section is included in an account, but information has not yet been found or entered into the database, it will be recorded as "Unknown".

Taxonomy: Provides a brief history of previous studies in systematics, giving a summary of different conclusions arising from different methodologies and the resulting taxonomic debates. Much of this information has been taken from Simmons (2005).

Common names: Common names used, in a variety of different languages.

Etymology of name: Information about the origin/meaning of the name.

Similar species: Information about other taxa, with which there has been a recorded mistake in identification.

Palaeontological / archaeological records: Any records identified from palaeontological or archaeological sites.

Conservation status: This section is split into two categories: **Global** - provides information on past and present Red data assessments of the global populations of a species and; **Regional** - provides information on past and present Red data assessments of regional or country specific assessments of a species.

General distribution: Distribution of the taxa in Africa, and extra-limital to Africa. Much of this information also comes from Simmons (2005). Additional records are indicated by a reference to its source.

Geographic variation: Any known variation within a taxon across its distribution.

General description of external morphology: Information about the outward appearance that may distinguish a taxon.

General description of cranial and dental morphology: Information about the skull, mandible and teeth that may be distinguishing characters of a taxon.

Detailed morphology: More detailed description of some structure of a taxon, i.e. for the baculum, tragus, hyoid, or wingshape.

Functional morphology: Information on any work that has related morphological structure to function.

Sexual dimorphism: Any known variation within a taxon between males and females.

Echolocation: Information about the echolocation call of a taxon.

Molecular biology: Information in this section is currently separated into three categories for information on **DNA**, **Karyotype**, and **Protein/allozyme**. The following abbreviations are used in the description of the karyotype: $2n$ – diploid number, FN – fundamental number of autosomal chromosome arms, BA – total number of biarmed autosomal chromosomes, X – female sex chromosome, and Y - male sex chromosome.

Habitat: Information about the environment in which a taxon has been recorded.

Behaviour: Information about the timing and actions of a taxon.

Roost: Indicates where a taxon settles during the day and at night.

Migration: Any records of period movement from one geographic area to another.

Feeding/diet: Records of behaviour in relation to feeding, and what is eaten.

Predators: Records of other species know to eat the taxon in question.

Population: Information in this section is separated into two categories: **structure** – in relation to any organization between individuals, and **density** – in relation to the number of

individuals.

Lifespan: Records relating to how long individuals of a taxon are known to live for.

Reproduction and ontogeny: Information relating to the biology associated with producing further members of a species, and the growth/development over the course of a lifespan.

Mating: Information relating to the behaviour associated with producing further members of a species.

Post-natal development: Information relating to changes that occur after birth.

Parasites: Information in this section is separated into two categories: **ectoparasites** – parasites living outside the body, and **endoparasites** – parasites living within the body.

Viruses: Any known viruses carried by a taxon.

Utilization/significance: Information about how a taxon may be used or viewed by people.

Distribution map:

The species distribution maps should still be viewed with some caution, since these are based on voucher specimen records currently included in the African Chiroptera Database. Hence, the actual distribution of the taxon might be more extensive than indicated on the maps, and the voucher specimen classification/identification may not be accurate. Additionally, it needs to be pointed out that due to variety of reasons not all voucher specimen localities have been plotted, i.e. no X, Y co-ordinates could be found, or these co-ordinates fall outside the country where this locality is supposed to be located. Voucher specimen localities that were not plotted are, however, indicated in the Appendices dealing with voucher specimens. Similarly the position of the point within a country does not necessarily confirm its presence at that spot on the map, as data has currently only been screened to fall within its associated country of representation.

Distribution based on voucher specimens:

This is a calculated paragraph, where information is derived from information in the African Chiroptera Database, and provides a list of countries from which there are voucher specimens. A note of caution in viewing this data is that it is based on voucher specimen information currently in the African Chiroptera Database, hence there may be voucher specimen records that have not yet been included in the database, and voucher specimen classification/identification may not be accurate. Again, if you have any knowledge of omissions or errors in relation to voucher specimens, please send this information to the managing editors of the database (AfricanChiropteraReport@Africanbats.org) for inclusion in the next revision.

An additional, calculated query indicates through the use of colour in the country name, the period of time when voucher specimens were last collected from a country. **Green** indicates that voucher specimens have been collected within the past 20 years, **blue** within the past 20-50 years, **orange** within the past 50-100 years, and **red** if the last voucher specimens were collected more than 100 years ago. Country names in **black** represent countries for which voucher specimens currently have no associated date of collection. The purpose of this ranking is to assist researchers and conservation planners to focus attention on species and areas where further collecting needs to be done to ascertain data on current presence in an area.

FUTURE OF THE REPORT

The current managing editors felt this project may have a better chance of being a successful tool for some time into the future, by encouraging contributions of data and information from interested individuals and organizations. It is hoped the African Chiroptera Report will continue to grow and develop with many more contributions of new and corrected information, i.e. verification of specimens, and specimen voucher records to the database from interested individuals and organizations. Not assigning individual names to authorship/editorship of the report has also been an intentional decision, to try and develop "ownership" of the project among all individuals and organizations who contribute to the database. It is envisaged that each release of the report, being built on the foundation of the previous report, will retain the information of whom and in what capacity they contributed to the project in a particular cycle. It is also planned that in the future, the release of the sequel server web-based TAXIS database will allow user's access to the African Chiroptera Database, which will include interactive keys to the taxa.

Taxa accounts

ORDER CHIROPTERA Blumenbach, 1779

- *1779. **CHIROPTERA** Blumenbach, Handbuch der Naturgeschichte: 58.
- 1821. **CHEIROPTERA** Gray, pp 299. Proposed as a class.
- 1822. **CHEIROPTERA** Flemming, pp. xxxii
- 1889. **PTETICA** Ameghino, Not seen, but Ameghino's Obras Completas 6: 586. PTETICA included not only CHIROPTERA but a hypothetical "PROCHIROPTERA".
- 330. **DERMAPTERA** Aristotle, ca. 330 B.C. Non-Linnean but noted here for the sake of interest.

Higher classification of the Chiroptera follows Alonso-Zarazaga (2005), Eick *et al.* (2005), Hutcheon and Kirsch (2006), and Teeling *et al.* (2005).

The chiropteran monophyly/diphily debate that raged over the last decade or so has been quelled by recent molecular studies (Allard *et al.*, 1999; Miyamoto *et al.*, 2000; Murphy *et al.*, 2001a;b; Liu *et al.*, 2001) that have unequivocally demonstrated bat monophyly, and thereby dispelled the "flying primate" hypothesis (e.g. Pettigrew, 1986). Molecular analysis reject any close relationship among bats, flying lemurs and tree shrews (once grouped in the cohort Archonta), and instead support a sister-taxon relationship between Chiroptera and Eulipotyphla (Murphy *et al.*, 2001a;b), which together are the sister-group of the Ferungulata clade (Nikaido *et al.*, 2001, Waddell *et al.*, 2001), in the supercohort Laurasiatheria (also represented by carnivores, pangolins, cetartiodactyls, eulipotyphlans and perissodactyls) (Murphy *et al.* 2001a;b; Madsen *et al.* 2001; Eizirik *et al.*, 2001; Scally *et al.*, 2001; Nikaido *et al.*, 2001; Springer *et al.* 2001).

Studies using molecular techniques to investigate higher level relationships within Chiroptera have challenged the monophyly of Microchiroptera, as supported by morphological characters associated with laryngeal echolocation (see list of references in Simmons 1994), and altered the traditional subordinal division of bats as Megachiroptera and Microchiroptera. Recent analyses of nuclear and mtDNA gene sequences (Teeling *et al.*, 2000; Springer *et al.*, 2001; Teeling *et al.*, 2002; 2003; Hoofer *et al.*, 2003; Hutcheon and Kirsch, 2004; Teeling *et al.*, 2005; Eick *et al.*, 2005) now strongly support an alliance of megachiropterans and rhinolophoids (excluding Nycteridae) in one suborder, and all other microbats and nycterids in the other suborder. Although these independent studies identified similar subordinal groups, Teeling *et al.* (2002; 2003; 2005), and Springer *et al.* (2001) named

the two rearranged Chiropteran suborders as: "Yinpterochiroptera" (including Pteropodidae, Rhinolophidae - includes Hipposideros, Megadermatidae, Craseonycteridae and Rhinopomatidae) [Springer *et al.*, 2001, also include Nycteridae in the Yinpterochiroptera] and "Yangochiroptera" (including Emballonuridae, Nycteridae, Noctilionidae, Mormoopidae, Phyllostomidae, Natalidae, Furipteridae, Thyropteridae, Myzopodidae, Vespertilionidae, Mystacinidae, and Molossidae), whereas Hutcheon and Kirsch (2004; 2006) and Eick *et al.* (2005: 1876), following the Principal of Typification (International Code of Zoological Nomenclature, 1999), named the two Chiropteran suborders as: "Pteropodiformes" (including the Pteropodidae, Rhinolophidae, Hipposideridae, Megadermatidae, and Rhinopomatidae) and "Vespertilioniformes" (including Emballonuridae, Nycteridae, Noctilionidae, Mormoopidae, Phyllostomidae, Natalidae, Furipteridae, Thyropteridae, Myzopodidae, Vespertilionidae, Mystacinidae, Miniopteridae and Molossidae). These studies showing microbat paraphyly indicate that the complex suite of morphological innovations for nasal emission of laryngeal echolocation pulses found in rhinolophoid bats either evolved independently at least twice, or once with the subsequent loss in Pteropodidae (Simmons and Geisler, 1998, Springer *et al.*, 2001). This also has implications for the evolution of flight, where many features of flight and ventilation are either directly related or functionally correlated with echolocation (Teeling *et al.*, 2000). Hence, morphological characters previously suggested as synapomorphies of microchiropterans (e.g. features of the inner ear and post-cranial skeleton) have probably also evolved independently, together with the evolution of laryngeal echolocation (Teeling *et al.*, 2000).

Contrary to an earlier suggestion that included Furipteridae, Natalidae, Thyropteridae, and Myzopodidae in the Rhinolophoidea clade (Simmons and Geisler, 1998), the recent

molecular studies have confirmed an expanded superfamily, Noctilionoidea, which includes the families Noctilionidae, Furipteridae, Phyllostomidae, Mormoopidae, Mystacinidae, and Thyropteridae (Teeling *et al.*, 2002; Hooper *et al.*, 2003; Van den Bussche and Hooper, 2004; Teeling *et al.*, 2005; Eick *et al.*, 2005). However, placement of some families is still controversial, since the results of Teeling *et al.* (2005) showed good support for the basal position of Myzopodidae within Noctilionoidea, while those of Hooper *et al.* (2003) did not place Myzopoda within the Noctilionoidea, but rather in a basal position to all other “yangochiropterans”; Emballonuridae, Vespertilionoidea, Noctilionoidea. While Eick *et al.* (2005) also indicated Myzopodidae to be basal to the Vespertilionoidea, Noctilionoidea and Emballonuroidea (see figure 1 in Eick *et al.*, 2005: 1874), their finding apparently had no significant nodal support and alternative topologies could not be rejected by the data (Eick *et al.*, 2005).

The other superfamilies recognised by the molecular studies are the Rhinolophoidea (including the families Rhinolophidae, Megadermatidae, Craseonycteridae, and Rhinopomatidae), Emballonuroidea (including the families Emballonuridae and Nycteridae), and Vespertilionoidea (including the families Vespertilionidae, Mollosidae, Natalidae, and Miniopteridae) (Eick *et al.*, 2005; Teeling *et al.*, 2005 [although no miniopterids were included in this study], Springer *et al.*, 2001; Hooper *et al.*, 2003) [although no miniopterids were included in this study]. Springer *et al.* (2001) also recognised the superfamily Pteropodoidea.

Both Eick *et al.* (2005) and Teeling *et al.* (2005) also found similar sister taxa groups between the families, with Furipteridae and Noctilionidae (probably what was meant by Noctilionoidea in Eick *et al.* (2005)), and Nycteridae and Emballonuridae being sister taxa.

Many families can be diagnosed by unique morphological apomorphies and/or combinations of plesiomorphic and apomorphic features that strongly suggest monophyly (Miller 1897; 1907; Hill 1974; Van Valen 1979; Koopman 1984; 1994; Griffiths and Smith 1991; Corbet and Hill 1992; Griffiths *et al.* 1992; Griffiths 1994). The principal exception is Vespertilionidae, a diverse group that comprises between five and eight subfamilies in different classifications: Kerivoulinae, Miniopterinae, Murininae, Tomopeatinae, Vespertilioninae, Nyctophilinae (included within Vespertilioninae by Koopman (1994) and Volleth and Heller (1994)), Antrozoinae (named as a subfamily by Miller (1897) but subsequently included either within Nyctophilinae (e.g. Hill and Smith, 1984) or Vespertilioninae (e.g. Koopman, 1993; 1994), and Myotinae (usually included as a tribe within Vespertilioninae (Koopman, 1994) but here raised to subfamily rank following the suggestion of Volleth and Heller (1994). The molecular work of Hooper and Van Den Bussche (2003) suggested four subfamilies in the family Vespertilionidae: Vespertilioninae, Myotinae, Kerivoulinae and Murininae, with the subfamily Miniopterinae being elevated to family level, Miniopteridae. However, the intron results of Eick *et al.* (2005) were not able to reject or support alternative hypotheses that Miniopteridae was the sister taxa of Molossidae, and not the sister taxa of Vespertilionidae.

SUBORDER PTEROPODIFORMI

1821. *FRUCTIVORAE* Grey, pp. 299. Named at ordinal rank.
 1855. *FRUGIVORA* Giebel, pp. 991.
 1866. *Pterocynes* Haeckel, pp. clx. *Nomen oblitum*.
 1875. *MEGACHIROPTERA* Dobson, pp. 346.
 1875. *MICROCHIROPTERA* Dobson, pp. 346. In part.
 2001. *YINPTEROCHIROPTERA* Springer, Teeling, Madsen, Stanhope, and De Jong, Proceedings of the National Academy of Science 98(11): 6423.
 2004. *PTEROPODIFORMES* Hutcheon and Kirsch, Journal of Mammalian Evolution 11(1): ??
 *? *PTEROPODIFORMI* The name of the suborder is based on *Pteropus* Brisson, 1762 (type of Pteropodidae Gray, 1821).

The suborder name follows the typified name proposed for standardization of nomenclature of used by Hutcheon and Kirsch (2004, 2006), but higher taxa by Alonso-Zarazaga (2005). with the ending changed to follow the format

INFRAORDER PTEROPODIFORMACEI

- *? *PTEROPODIFORMACEI* The name of the Infraorder is based on *Pteropus* Brisson, 1762 (type of Pteropodidae Gray, 1821).

Superfamily PTEROPODOIDEA

- *? *PTEROPODIDEA* The name of the superfamily is based on *Pteropus* Brisson, 1762 (type of Pteropodidae Gray, 1821).

Family PTEROPODIDAE Bonaparte, 1838

1821. *Cephalotidae* Gray,
 1821. *Pteropidae* Gray, London Med. Repos., 15: 299
 *1838. *PTEROPODIDAE* Bonaparte, Type genus: *Pteropus* Erxleben, 1777
 1842. *Harpyidae* H. Smith,

Taxonomy:

The taxonomy of the Pteropodidae follows that of Bergmans (1988; 1989; 1991; 1994; 1997) and Simmons (2005: 313-350).

Corbet and Hill (1992: 55) refer to Handley (1980) for a discussion on the correct formation of the family name. Simmons (2005: 313) suggests that the relationships among the pteropodid genera are not yet fully resolved, and no subfamilial or tribal groups were recognized pending a thorough reevaluation of pteropodid classification.

Common names:

Czech: kalonovití. Dutch: Grote fruitvleermuizen, Vliegende honden. English: Old World Fruit bats. Finnish: Hedelmäpakot. German: Flughunde. Norwegian: Flyvende hunder, kalong.

Subfamily MACROGLOSSINAE Gray, 1866

1866. *Macroglossina* Gray, Not included in Simmons (2005) since it was not proposed as family name, but as a subdivision within the Pteropodidae (Simmons, pers. comm.).
- *1866. *MACROGLOSSINAE* Gray,
1875. *Macroglossi* Dobson, Type genus: *Macroglossus* F. Cuvier, 1824
1891. *Carponycteriinae* Lydekker, Type genus: *Carponycteris* Lydekker, 1891
1898. *Kiodotinae* Palmer,

Genus *Megaloglossus* Pagenstecher, 1885

- *1885. *Megaloglossus* Pagenstecher, Zool. Anz., 8: 245. Publication date: 27 April 1885. Type species: *Megaloglossus woermanni* Pagenstecher, 1885.
1891. *Trygenycteris* Lydekker, Mammals Living and Extinct, p. 655. Type species: *Megaloglossus woermanni* Pagenstecher, 1885. Proposed to replace *Megaloglossus*, thought to be preoccupied by *Megaglossa* Rondani, 1865 (Diptera): see Allen (1939: 63).

Common names:

English: African Long-tongued Fruit-bats, African Nectar Fruit-bats.

Megaloglossus woermanni Pagenstecher, 1885

- *1885. *Megaloglossus woermanni* Pagenstecher, Zool. Anz., 8: 245. Type locality: Gabon: Ssibange farm. Type specimen: ZMB 54589 (Holotype; ad, F, skin and skull; collector: H. Soyaux; collection date: 21 January 1885, old number 9489; see Bergmans, 1997: 60, 63;). Publication date: 27 April 1885.
1966. *Megaloglossus woermanni prigoginii* Hayman, Ann. Kon. Mus. Mid. Afr. Zool. Wetensch., (8) 154: 26. Type locality: Democratic Republic of the Congo: Kiliza, 1370 m, [03 42 S 28 10 E] Type specimen: RMCA 32577 (ad M, skin and skull, collector A. Prigogine, original number 1248, collection date 25 May 1964; see Bergmans, 1997: 60).
1997. *Megaloglossus woermanni prigoginei*: Bergmans, Beaufortia, 47 (2): 59. Lapsus.
2003. *Megaloglossus woermanni*: Giannini and Simmons, Cladistics, 19 (6): 508. Lapsus.

Taxonomy:

See Bergmans and Van Bree (1972), Bergmans (1997) and Simmons (2005:326 - 327).

Common names:

English: Woermann's Long-tongued Fruit-bat, Woermann's bat, Woermann's fruit bat, Nectar bat, African Long-tongued bat. French: Macroglosse de Woermann

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004ao).

General distribution:

Guinea (Fahr and Ebigbo, 2003: 128), Liberia, Côte d'Ivoire (Henry *et al.*, 2004: 24), Togo and Nigeria (Capo-Chichi *et al.*, 2004: 161), over Central African Republic (Morvan *et al.*, 1999: 1195) to Uganda (Kityo and Kerbis, 1996: 58), Congo Republic (Dowsett *et al.*, 1991: 259), S Zaire, and N Angola; Bioko.



Figure 1. Distribution of *Megaloglossus woermanni*

Distribution based on voucher specimens: Cameroon, Congo (Democratic Republic of the), Gabon, Ghana.

Subfamily PTEROPODINAE Gray, 1821

1866. *Epomophorina* Gray, Not included in Simmons (2005) since it was not proposed as family name, but as a subdivision within the Pteropodidae (Simmons, pers. comm.).
1881. *Harpyiinae* Robin, Included with a question mark in the synonymy of the Nyctimeninae by Corbet and Hill (1992: 77).
1907. *Harpionycterinae* Miller, Bull. U.S. Natl. Mus., 57: 77. Type genus: *Harpionycteris* Thomas, 1896. Recognized as a valid subfamily by Corbet and Hill (1980, 1992), Hill and Smith (1984), Bergmans (1997: 69). Publication date: 29 June 1907.
1912. *Cynopterinae* K. Andersen, Bergmans (1997: 69) considers this a valid subfamily in which he includes the genera *Cynopterus*, *Ptenochirus*, *Megaerops*, *Dyacopecterus*, *Balionycteris*, *Chironax*, *Thoopterus*, *Sphaerias*, *Aethalops*, *Penthetor*, *Latidens*, *Alionycteris*, *Otopteropus*, *Haplonycteris*.
1912. *Epomophorinae* K. Andersen, Considered as a valid subfamily by Bergmans (1997: 69) who includes the tribes Epomophorini Gray, 1866 (*Epomophorus*, *Micropteropus*, *Hypsignathus*, *Epomops*, *Nanonycteris*), Myonycterini Lawrence and Novick, 1963 (*Myonycteris*, *Lissonycteris*, *Megaloglossus*), Scotonycterini Bergmans, 1997 [new tribe] (*Scotonycteris*, *Casinycteris*), Plerotini Bergmans, 1997 [new tribe] (*Plerotes*)?
1912. *Pteropinae* K. Andersen, Bergmans (1997: 64) assigned it to Gray, 1821
1912. *Rousettinae* K. Andersen, Bergmans (1997: 69) recognizes the Rousettinae as a separate subfamily in which he included the tribes Rousettini Andersen, 1912 (*Rousettus*, *Eonycteris*, *Eidolon*) and Dobsoniini Andersen, 1912 (*Dobsonia*, *Aproteles*).
1970. *Cynopterini* Koopman and J.K. Jones Jr., Not included in Simmons (2005) since it was not proposed as family name, but as a subdivision within the Pteropodidae (Simmons, pers. comm.).
1970. *Dobsoniina* Koopman and J.K. Jones Jr., Not included in Simmons (2005) since it was not proposed as family name, but as a subdivision within the Pteropodidae (Simmons, pers. comm.).
1970. *Rousettina* Koopman and J.K. Jones Jr., Not included in Simmons (2005) since it was not proposed as family name, but as a subdivision within the Pteropodidae (Simmons, pers. comm.).

Genus *Casinycteris* Thomas, 1910

1910. *Casinycteris* Thomas, Ann. Mag. nat. Hist., ser. 8, 6 (31): 111. Type species: *Casinycteris argynnis* Thomas, 1910. . Publication date: 1 July 1910.

Taxonomy:
Revised by Bergmans (1991).

Common names:
English: Short-palate Fruit-bats, Short-palated Fruit-bats.

Casinycteris argynnis Thomas, 1910

- *1910. *Casinycteris argynnis* Thomas, Ann. Mag. Nat. Hist., ser. 8, 6 (31): 111. Type locality: Cameroon: Ja River, Bitey [03 13 N 12 22 E, 2 000 ft (=610 m)]. Type specimen: BMNH 1911.5.5.1 (ad F, collector G.L. Bates, collection date: 19 November 1909, original number 502). Publication date: 1 July 1910.

Taxonomy:
See Bergmans (1991) and Simmons (2005: 315-316).

Common names:
English: Golden Short-palate Fruit-bat, Yellow-winged Short-palate Fruit-bat, Thomas's Short-palate Fruit-bat, Short-palated fruit bat; Golden Short-palated fruit bat. French: Chauve-souris frugivore à palais court, Casinyctère.

Conservation status:
Global- LR/nt (Baillie and Groombridge 1996); NT ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.* 2004k).

General distribution:
Cameroon over Central African Republic (Lunde *et al.*, 2001: 537) to E Democratic Republic of the Congo.

Distribution based on voucher specimens:
Cameroon, Congo (Democratic Republic of the).



Figure 2. Distribution of *Casinycteris argynnis*

Genus *Eidolon* Rafinesque, 1815

- *1815. *Eidolon* Rafinesque, *Analyse de la Nature*, p. 45. Type species: *Pteropus stamineus* E. Geoffroy Saint-Hilaire, 1803 (= *Vespertilio vampyrus helvus* Kerr, 1792)
1861. *Pterocyon* Peters, *Monatsb. k. preuss. Akad. Wiss. Berlin*, p. 423. Type species: *Pterocyon paleaceus* Peters, 1861 (= *Vespertilio vampyrus helvus* Kerr, 1792)
1881. *Leiponyx* Jentink, *Notes Leyden Mus.*, 3: 60. Type species: *Leiponyx büttikoferi* Jentink, 1881 (= *Vespertilio vampyrus helvus* Kerr, 1792). Publication date: April 1881.
1882. *Liponyx* Forbes, *Zool. Rec.*, 18: Mamm. p. 13 [for 1881]. Emendation of *Leiponyx* Jentink, 1881. Preoccupied by *Liponyx* Vieillot, 1816; a bird (see Meester *et al.*, 1986: 27).

Taxonomy:

Revised by Bergmans (1991). See Simmons (2005: 320).

Etymology of name:

From the Greek for phantom (see DeFrees and Wilson, 1988: 4).

Common names:

English: Straw-coloured Fruit-bats, Eidolon fruit bats.

Eidolon dupreanum (Schlegel, 1867)

- *1867. *Pteropus dupréanus* Schlegel, In Schlegel and Pollen: *Proc. zool. Soc. Lond.*, 1866, III: 419. Type locality: Madagascar: Nossi Bé. Publication date: April 1867.

Taxonomy:

Koopman (1993a: 140) mentioned Schlegel, 1867 as author, but Allen (1939a: 54), Peterson *et al.* (1995: 22) and Russ *et al.* (2001) mention Pollen, 1866, in Schlegel and Pollen, *Proc. Zool. Soc. Lond.*, 1866: 419. Meester *et al.* (1986: 28), DeFrees and Wilson (1988: 1) mention Schlegel and Pollen, 1867 as authors, but in the references of the latter only Schlegel is mentioned as author. Reviewed by Bergmans (1991) and Peterson *et al.* (1995). See Simmons (2005: 321 and comments under *E. helvum* pg. 321).

(HeV) viruses, with an overall contamination of 19.2%, but the Tioman (TiV) virus was not detected in any of the samples.

Common names:

English: Madagascan Straw-coloured Fruit-bat, Madagascan fruit bat, Malagasy straw-colored fruit bat. French: Roussette malgache couleur paille, Roussette jaune de Madagascar

Conservation status:

Global- Not assessed (IUCN 2004).

General distribution:

Madagascar.

Viruses:

In Madagascar during 2003 - 2004, Lehle *et al.* (2007) found both the Nipah (NiV) and Hendra



Figure 3. Distribution of *Eidolon dupreanum*

Distribution based on voucher specimens:
Madagascar.

Eidolon helvum (Kerr, 1792)

- *1792. *Vespertilio vampyrus helvus* Kerr, In Linnaeus: Animal Kingdom, 1 (1): xvii, 91. Type locality: Senegal: no specific locality, but fixed by K. Andersen, 1907: 504; see Meester *et al.* (1986: 28), DeFrees and Wilson (1988: 1), Harrison and Bates (1991). Publication date: February 1792.

Taxonomy:

Meester *et al.* (1986) state that "The extralimital *dupreanum* Schlegel and Pollen, 1866, from Madagascar and *sabaeum* Andersen, 1907, from Arabia are treated as subspecies of *E. helvum* by Hayman and Hill (1971)." *E. dupreanum* is here retained as a separate species and *sabaeum* is considered an extralimital subspecies and is therefore not included here. See Simmons (2005: 321).

Common names:

Afrikaans: Geel vrugtevlermuis. English: African Straw-coloured Fruit-bat, Straw-colored Fruit Bat, Straw-coloured Flying Fox. French: Roussette jaune, Roussette des palmiers africaine, Roussette paillée. German: Palmenflughund. Portuguese: Morcego frugivoro gigante.

Etymology of name:

From the Latin "*helvus*" (=dun-coloured), referring to the straw colour on their shoulders; the back, rump and hind limbs are normally various shades of brown (see DeFrees and Wilson 1988: 4, Taylor 2005).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC (IUCN 2004; Mickleburgh *et al.*, 2004x).

Regional- South Africa- considered a vagrant not assessed, doesn't breed in SA (Friedmann and Daly 2004).

General distribution:

Gambia (Kock *et al.*, 2002: 78), Senegal, Guinea (Fahr and Ebigo (2003: 128) over Mali (Meinig, 2000: 104), Côte d'Ivoire (Henry *et al.*, 2004: 24), Benin (Capo-Chichi *et al.*, 2004: 161), Niger (Bergmans (1990) in Cotterill, 2001: 55) to Ethiopia over Uganda (Kityo and Kerbis, 1996: 58), Republic of the Congo (Dowsett *et al.*, 1991:

259), Zambia (Cotterill, 2001: 54), Malawi (Ansell and Dowsett, 1988: 28), Zimbabwe, Angola, Namibia, Botswana, Mozambique (Cotterill, 2001: 54) to South Africa; SW Arabia, Oman, Yemen; islands in Guinea Gulf and off E Africa.

Molecular biology:

Karyotype: Matthey (1962) reported $2n = 34$ (see Rautenbach *et al.* 1993).

Distribution based on voucher specimens:

"Africa", Angola, Cameroon, Congo (Democratic Republic of the), Gabon, German East Africa, Namibia, Rwanda, South Africa, Sudan, Tanzania, Togo, Unknown country, Zambia.



Figure 4. Distribution of *Eidolon helvum*

Eidolon helvum helvum (Kerr, 1792)

- *1792. *Vespertilio vampyrus helvus* Kerr, In Linnaeus: Animal Kingdom, 1 (1): xvii, 91. Type locality: Senegal: no specific locality. Fixed by K. Andersen, 1907: 504; see Meester *et al.* (1986: 28), DeFrees and Wilson (1988: 1), Harrison and Bates (1991). Publication date: February 1792.
1803. *Pteropus stramineus* E. Geoffroy Saint-Hilaire, Cat. Mamm. Mus. nat. Hist. nat., Paris, p. 48. Type locality: Sudan: Senaar. Harrison (1964: 44) refers to Sherborn to indicate that the 1803 paper has never been published. The next available date for this name is 1810: Ann. Mus. Nat. Hist., Paris, 15: 95.
1809. *Vespertilio caninus* var. *b* Goldfuss, Vergl. Naturbeschr., Säugethiere, p. 98.

- Preoccupied by *V. caninus* Blumenbach, 1797: see Meester *et al.* (1986: 28).
1861. *Pterocyon paleaceus* Peters, Monatsb. k. preuss. Akad. Wiss. Berlin, p. 423. Type locality: Sudan: Senaar. Originally "Africa", but restricted to Senaar by Matschie (1899: 62): see Meester *et al.* (1986: 28), DeFrees and Wilson (1988: 1).
1862. *Pteropus mollipilosus* H. Allen, Proc. Acad. Nat. Sci. Philadelphia, 13 (11): 159 (for 1861). Type locality: Gabon: "Gaboona".
1865. *Pteropus palmarum* Heuglin, Leopoldina (Halle), 5 (3 & 4): 34. Type locality: Sudan: Senaar. Originally "Middle and Upper White Nile and between Senaar and Fazogli along the Blue Nile", but subsequently fixed as Senaar by Koopman (1975: 360): see Meester *et al.* (1986: 28), DeFrees and Wilson (1988: 1). Date: June 1865.
1866. *Xantharpyia leucomelas* Fitzinger, in Heuglin and Fitzinger. Sber. k. Akad. Wiss. Wien, math. naturw. Kl., 54: sect. 1, pt. 10, p. 544. Type locality: Sudan: Kordofan, Bahr-el-Azrak, Bahr-el-Abiad, Sennaar. Originally "Upper Nile lands", but subsequently fixed to Senaar by Koopman (1975): see Meester *et al.* (1986: 28), DeFrees and Wilson (1988: 1).
1881. *Leiponyx büttikoferi* Jentink, Notes Leyden Mus., 3: 59. Type locality: Liberia: St. Paul's river, Millsburg. Publication date: April 1881.
1953. *Pterocyon palaeceus* Ellerman, Morrison-Scott and Hayman, Southern African Mammals, p. 44. Lapsus: see Meester *et al.* (1986: 28).
1975. *Pterocyon palaceus* Koopman, Bull. Am. Mus. Nat. Hist., 154 (4): 357. Lapsus: see Meester *et al.* (1986: 28).
2000. *Eidolon helvum annobonensis* Juste, Ibáñez and Machordom,

General distribution:

See species, with the exception of SW Arabia.

Genus *Epomophorus* Bennett, 1836

1835. *Pteropus* Ogilby, Proc. zool. Soc. Lond., 1835, III (xxxi): 100. Preoccupied by *Pteropus* Erxleben, 1777. Publication Date: 9 October 1835.
- *1836. *Epomophorus* Bennett, Proc. zool. Soc. Lond., 1835, III (xxxiv): 149. Type species: *Pteropus whitei* var. *epomophorus* Bennett, 1836 (= *Pteropus gambianus* Ogilby, 1835). Publication date: 12 February 1836.
1853. *Pachysoma* Temminck, Esquisses zool. Côte de Guinée, p. 64. Preoccupied by *Pachysoma* MacLeay, 1821, a genus of Coleoptera: see Boulay and Robbins (1989: 1). Not *Pachysoma* I. Geoffroy Saint-Hilaire, 1828.

Taxonomy:

Revised by Bergmans (1988), who transferred *Micropteropus grandis* to this genus. A key to this genus is presented in Boulay and Robbins (1989) and Claessen and De Vree (1991: 227). See Simmons (2005: 322).

Etymology of name:

From the Greek "epi" (=upon), "omos" (=shoulder), and "phoros" (=bearing), referring to the conspicuous tufts of hair on the shoulders of the males (see Boulay and Robbins 1989: 4).

Common names:

English: Epauletted Fruit-bats. French: Chauve-souris à épaulettes. German: Epaulettenflughund.

Distribution based on voucher specimens:

Namibia.

Epomophorus angolensis Gray, 1870

- *1870. *Epomophorus macrocephalus* var. *angolensis* Gray, Cat. Monkeys, Lemurs, Fruit-eating Bats Brit. Mus., p. 125. Type locality: Angola: Benguela. Type specimen: BMNH 1864.1.9.4.
- ? *Epomophorus angolensis*: Name combination.

Taxonomy:

See Bergmans (1988) and Simmons (2005: 322).

Common names:

Afrikaans: Angola-witkolvrugtevlermuis. English: Angolan Epauletted Fruit-bat. French: Roussette à épaulettes d'Angola.

Etymology of name:

Named from a specimen taken at Benguela, Angola (see Smithers 1983: 56, Taylor 2005).

Conservation status:

Global- Rare (Groombridge 1994); LR/nt (Baillie and Groombridge 1996); NT ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004a).

General distribution:

W Angola, NW Namibia.

Distribution based on voucher specimens:

Angola, Namibia.



Figure 5. Distribution of *Epomophorus angolensis*

Epomophorus anelli Bergmans and Van Strien, 2004

- *2004. *Epomophorus anelli* Bergmans and Van Strien, Acta Chiropt., 6 (2): 258. Publication date: The volume is for "September 2004", but the paper has been accepted on 16 October 2004. Type locality: Malawi: Kasungu National Park, Lisanthu [13 00 S 33 10 E, 1 000 m]. Type specimen: ZMA 21.693b (holotype: ad M, alcoholic and skull, collector H. Jachmann, orig nr #25, collection date 19 March 1982. paratype: 1 almost ad F, skin and skull, ZMA 26.105, collector N.J. Van Strien #162, 19 May 1988 (Lifupa Camp - 13.05 S 30.05 E , 1050m): see Bergmans and Van Strien, 2004: 258 - 259).

Taxonomy:

Not recognized in Simmons (2005), as description published while book in press. See Bergmans and Van Strien (2004).

Common names:

No names suggested at this time.

Etymology of name:

In honour of Mr. W.F.H. Ansell for his important contributions to the mammalogy of Malawi and other African countries (see Bergmans and Van Strien, 2004: 262).

Conservation status:

Global- Not assessed (IUCN 2004).

General distribution:

Malawi.

Distribution based on voucher specimens:

Malawi.



Figure 6. Distribution of *Epomophorus anelli*

Epomophorus gambianus (Ogilby, 1835)

- *1835. *Pteropus gambianus* Ogilby, Proc. zool. Soc. Lond., 1835, III (xxxi): 100. Type locality: Gambia: Banjul. Restricted by Kock *et al.* (2002: 80). Publication date: 9 October 1835.
1835. *Epomophorus gambianus* Ogilby, Name combination.
1836. *Pteropus epomophorus* Bennett, Proc. zool. Soc. Lond., 1835, III (xxxiv): 149. Type locality: Gambia: Gambia. Publication date: 12 February 1836.
1898. *Epomophorus guineensis* Bocage, J. Sci. mat. phys. nat., Lisboa, ser. 2, 5: 136, fig. 3. Type locality: Guinea Bissau: Bolama. Publication date: June 1898.
1960. *Epomophorus gambianus parvus* Ansell, Rev. Zool. Bot. afr., 61: 160. Type locality: Zambia: Zambezi (originally Balovale) district, restricted to Chingi [13 01 S 22 44 E] by Ansell (1978: 17). Type specimen: BMNH 1959.610.

Taxonomy:

See Boulay and Robbins (1989), Claessen and De Vree (1990) and Simmons (2005: 322).

Common names:

Afrikaans: Gambiaanse witkolvrugtevlermuis.
 English: Gambian Epauletted Fruit bat, Gambian Epauletted Bat. French: Epomophore de Gambie, Chauve-souris à épaulettes de Gambie.

Etymology of name:

Named as the species was described from a specimen from Gambia in West Africa (see Taylor 2005).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004h).

Regional- South Africa- DD ver 3.1 (2001) as *E. g. crypturus* (Friedmann and Daly 2004).

General distribution:

Senegal over Guinea (Fahr and Ebigbo, 2003: 128), Mali (Meinig, 2000: 104), Benin (Capo-Chichi *et al.*, 2004: 161), Central African Republic (Morvan *et al.*, 1999: 1195) to W Ethiopia; S Tanzania to Angola, Botswana, Namibia, Zambia, Zimbabwe, Malawi (Happold and Happold, 1997: 813), and South Africa.

Molecular biology:

Karyotype - Peterson and Nagorsen (1975) recorded the following for specimens identified as *E. gambianus* from Zimbabwe: $2n = 35$, FN = 68, BA = 34. They also recorded for specimens identified as *E. crypturus* (here considered a synonym of *E. gambianus*), $2n = 35$ for a male, and $2n = 36$ for a female (Peterson and Nagorsen, 1975).



Figure 7. Distribution of *Epomophorus gambianus*

Distribution based on voucher specimens:

"Africa", Benin, Botswana, Burkina Faso, Cameroon, Central African Republic, Chad, Congo (Democratic Republic of the), Cote D'Ivoire, Ethiopia, Ghana, Guinea, Malawi, Mali, Mozambique, Namibia, Niger, Nigeria, Senegal, Sierra Leone, South Africa, Sudan, Swaziland, Tanzania, The Gambia, Togo, Unknown Country, Zambia, Zimbabwe.

Epomophorus gambianus crypturus Peters, 1852

- *1852. *Epomophorus crypturus* Peters, Naturw. Reise Mossamb., Säugethiere, p. 26, pl. 5, pl. 13, f. 1 - 6. Type locality: Mozambique: Tete. Type specimen: ZMB 10080 (Lectotype; designated by Andersen 1912: 537). 4 paralectotypes also designated by Andersen (1912).
1960. *Epomophorus gambianus parvus* Ansell, Rev. Zool. Bot. afr., 61: 160. Type locality: Zambia: Zambezi (originally Balovale) district, restricted to Chingi [13 01 S 22 44 E] by Ansell (1978: 17). Type specimen: BMNH 1959.610.
1986. *Epomophorus crypturus parvus* Meester, Rautenbach, Dippenaar and Baker, Transvaal Museum Monograph, 5: xx. Name combination.
1988. *Epomophorus gambianus crypturus* Bergmans, Beaufortia, 38 (5): xx. Name combination.
- ? *Epomophorus angolensis* Not of Gray, 1870
- ? *Epomophorus gambianus* Not of Ogilby, 1835

Taxonomy:

Bronner *et al.* (2003) state that *Epomophorus crypturus* was previously afforded full species status (Corbet and Hill 1980); Swanepoel *et al.* 1980; Honacki *et al.* 1982; Meester *et al.* 1986; Claessen and De Vree 1990, 1991; Simmons (2005: 322). However, following Bergmans (1988, 1997), Boulay and Robbins (1989) and Koopman (1993a), we treat it as a subspecies of *E. gambianus*.

Meester *et al.* (1986): states that Koopman (1966) considers the possibility that the extralimital *E. anurus* Heuglin, 1864, may be conspecific with *crypturus*. This would extend the range of *crypturus* to Uganda, Rwanda, southern Sudan, Ethiopia, Eritrea and westwards to Nigeria. However, Kock (1969a) and Koopman (1975) regard *anurus* instead as a synonym of the extralimital *E. labiatus* (Temminck, 1837), while Hayman and Hill (1971) retain it as a separate species, so that a close relationship with *crypturus* does not seem to be indicated. Further uncertainty surrounds the status of *E. gambianus parvus*. Ansell (1978), while treating *parvus* as a subspecies of *gambianus*, expresses doubt whether *parvus* can be distinguished at species level from *crypturus*, and suggests that *crypturus* and *gambianus* are conspecific, with *parvus* as an intermediate subspecies or a stage in a cline

running between them. Koopman (in Honacki *et al.*, 1982) retains *gambianus* as a separate species, but includes *parvus* in *crypturus*, without specifying whether or not he regards it as subspecifically distinct. While acknowledging that this problem remains to be solved we shall provisionally treat *parvus* as a taxon of *crypturus*.

Common names:

Peters's Epauletted Fruit Bat.

Etymology of colloquial name:

In honour of W.C.H. Peters who in 1852 published a monumental work on zoological material collected mainly in the Tete District of Mozambique (Smithers, 1983: 58).

Conservation status:

Global assessment- LC ver 3.1 (2001) assessed as *Epomophorus crypturus* (IUCN 2004; Mickleburgh *et al.*, 2004b).
Regional- South Africa- DD ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

Zambia, Tanzania, SE Dem Rep. Congo, Mozambique, Malawi, Zimbabwe, Botswana, Namibia, South Africa (Simmons 2005: 322).

Epomophorus gambianus gambianus (Ogilby, 1835)

- *1835. *Pteropus gambianus* Ogilby, Proc. zool. Soc. Lond., 1835, III (xxxi): 100. Type locality: Gambia: Banjul. Restricted by Kock *et al.* (2002: 80). Publication date: 9 October 1835.
1835. *Pteropus macrocephalus* Ogilby, Proc. zool. Soc. Lond., 1835, III (xxxi): 101. Type locality: Gambia: Gambia. Publication date: 9 October 1835.
1835. *Epomophorus gambianus* Ogilby, Name combination.
1835. *Pteropus megacephalus* Swainson, On the natural history and classification of quadrupeds, p. 92. Type locality: West Africa: no specific locality.
1836. *Pteropus whitei* Bennett, Trans. Zool. Soc. Lond., 2 (1): 37, pl. 6, pl. 7. Type locality: Gambia: Gambia. Type specimen: BMNH 1907.1.1.232. Publication date: 2 October 1836.
1838. *Epomophorus whitii* Gray, Mag. Zool. Bot., 2 (12): 504. Publication date: 1 February 1838. Name combination and incorrect subsequent spelling, see Boulay and Robbins (1989: 1). Publication date: 1 February 1838.
1898. *Epomophorus guineensis* Bocage, J. Sci. mat. phys. nat., Lisboa, ser. 2, 5: 136, fig. 3. Type locality: Guinea Bissau: Bolama. Publication date: June 1898.
1899. *Ep[omophorus (Epomophorus)] zechi* Matschie, Megachiroptera Berlin Mus., p. 46, pl 10, fig. 3 a-c. Type locality: Benin: Togoland, Kunjuruma (location from lectotype: see G.M. Allen (1939a: 56). - Boulay and Robbins (1989: 1) mention "Accra, Goldkuste [=Ghana], Gross-Popo, Misahoho in Togoland, Lagos [Nigeria], restricted to Kunjuruma, Togoland [=Benin] by Andersen (1912)".) Preface by Matschie is dated 14 May 1899.
1950. *Epomophorus reii* Aellen, Rev. Suisse Zool., 57: 559. Type locality: Cameroon: Rei Boubouba. Type specimen: ? (ad F, collection date 13 September 1947, original number N 1437; 2 paratypes).
- ? *Epomophorus anurus* Not of Heuglin, 1864.
- ? *Epomophorus gambianus gambianus*: Name combination.
- ? *Epomophorus sp.*

Taxonomy: ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004h).
 Simmons (2005:322) does not include *crypturus*.

Common names: Gambian Epauletted Fruit Bat.
 General distribution: Senegal and Gambia to Central Africa Republic, east to Sudan, Ethiopia, S to Malawi and Botswana (Simmons 2005: 322).

Conservation status: Global- LR/lc (Baillie and Groombridge 1996); LC

Epomophorus gambianus pousarguesi Trouessart, 1904

- *1904. *Epomophorus pousarguesi* Trouessart, Cat. Mamm. Viv. Foss., Suppl.: 55. Type locality: Central African Republic(?): Grande Brousse between Yabanda and Mpoko. Boulay and Robbins (1989: 1) mention "Africa Occ.-Centrali, a fl. Chari (Inter Yabanda et Mpoko), reg. Lac. Chad. Central African Republic; restricted to 'along the track between Mpoko (near Makorou) and Yabanda' by Bergmans (1978b)". The type locality is sometimes given as "Eastern Congo, Shari region". Description based on *E. macrocephalus* Pousargues (not Ogilby) see G.M. Allen (1939a: 56). Type specimen: MNHN 1892-1020.
- ? *Epomophorus gambianus* Not of Ogilby, 1835.
- ? *Epomophorus gambianus pousarguesi*: Name combination.

Taxonomy: Recognized as a subspecies (Simmons 2005: 322).

Epomophorus grandis (Sanborn, 1950)

- *1950. *Micropteropus grandis* Sanborn, Publ. Cult. Comp. Diamantes Angola, 10: 55. Type locality: Angola: Lunda, Dundo.
1988. *Epomophorus grandis* Bergmans, Beaufortia, 38 (5): xx. Name combination.

Taxonomy:

Transferred from *Micropteropus* to *Epomophorus* by Bergmans (1988). See Simmons (2005: 322).

Common names:

English: Sanborn's Epauletted Fruit-bat, Lesser Angolan epauletted fruit bat. French: Epomophore de Sanborn, Petit Epomophore frugivore d'Angola.

Conservation status:

Global- Rare (Groombridge 1994); EN (Baillie and Groombridge 1996); DD (Hilton-Taylor 2000); DD ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004d).

General distribution:

N Angola, S Republic of the Congo.

Epomophorus labiatus (Temminck, 1837)

- *1837. *Pteropus labiatus* Temminck, Monogr. Mamm., 2: 83, pl. 39. Type locality: Sudan: Blue Nile province, Sennar (originally given as "Abyssinia"; see Horáček, Hanak and Gaisler (2000: 96)). Type specimen: RMNH 27342 (Lectotype; F, juv, type leg. dr. Paolo Emilio Botta; see Kock, 1969: 18).
1842. *Pteropus schoënsis* Rüppell, Mus. Senckenberg., 3 (2): 131. Type locality: Ethiopia: Shoa. Type specimen: SMF 4370 (M, imm, skin and skull; leg. E. Rüppell, 1841, old catalog II.A.13a; see Kock, 1969: 18; Mertens (1925: 20) mentions it as a juv F).
1860. *Epomophorus labiatus*: Tomes, Proc. zool. Soc. Lond., 28: 55 - 56. Name combination.
1860. *Epomophorus schoënsis*: Tomes, Proc. zool. Soc. Lond., 28: 55 - 56. Name combination.
1864. *Epomophorus anurus* Heuglin, Type locality: Sudan: Bahr-el-Ghazal, Bongo (Originally: "Gebied zw. Wau am Djur River und dem Getti River im Westen": see Kock (1969: 18)). Two syntypes: SMNS 1090 (M, imm) and SMNS 1091 (F, ad).
1877. *Pteropus (Epomophorus) anurus*: Heuglin, Reise in Nordost-Afrika: 16 - 17. Name combination.
1877. *Pteropus (Epomophorus) labiatus*: Heuglin, Reise in Nordost Afrika, 2: 15 - 16. Name combination.
1877. *Pteropus (Epomophorus) schovanus*: Heuglin, Reise in Nordost Afrika, 2: 18. Emendation of *schoënsis* (see G.M. Allen, 1939a: 56; Kock, 1969: 18)
1880. *Epomophorus minor* Dobson, Proc. Zool. Soc. Lond., 1879, IV: 715. Type locality: Tanzania: Zanzibar. Type specimen: BMNH 79.9.12.4 (imm) -. Publication date: April 1880. Considered a valid species by Kock (1969: 18 - 24), Koopman (1975: 363), Ansell and Dowsett (1988: 27), but see Claessen and De Vree (1991).
1899. *Ep[omophorus (Epomophorus)] doriae* Matschie, Megachiroptera Berlin Mus., p. 54. Type locality: Eritrea: Bogos country [=Keren region]. Type specimens: ZMB 5384 (Holotype; F, ad, skin), ZMB 10079 (Holotype; skull), vendor Gerrard; see Kock, 1969: 18).
1912. *Epomophorus gambianus* K. Andersen, 538
1912. *Epomophorus gambianus* Thomas, 270
1915. *Epomophorus gambianus* Schwarz, 59
1921. *Epomophorus anurus* Thomas et al, 1
1935. *Epomophorus gambianus* Braestrup, 86
1936. *Epomophorus labiatus minor* G.M. Allen and Lawrence, Bull. Mus. comp. Zool., 79 (3): 45. Name combination. (Locality suggestive of *labiatus* rather than *Epomophorus minor* Dobson, 1880).
1939. *Epomophorus gambianus* Monard, 52
1950. *Epomophorus gambianus* Rousselot, 233
1950. *Epomophorus reii* Aellen, 559; (type locality: Cameroon: Rei Bouba.)
1959. *Epomophorus gambianus* Booth, 28
1960. *Epomophorus labiatus anurus*: Harrison, J. East. Afr. nat. Hist. Soc., 23 (7) (104): 287. Name combination.
1965. *Epomophorus anurus* Rosevear, 100
1965. *Epomophorus gambianus* Rosevear, 94 (in part: not the specimens mentioned from the Congolese Republic, Northern Rhodesia and Gaboon)
1966. *Epomophorus crypturus*: Hayman, Misonne and Verheyen, Ann. Kon. Mus. Mid. Afr., Zool. Wetensch., (8) 154: 23 (in part: specimen IRSN 10677 from "Kilwezi"- lable reads Kilubwezi). Not of Peters, 1852.
1968. *Epomophorus gambianus* Van Orshoven et al, 182
1971. *Epomophorus gambianus* Hayman and Hill, 7; (in part: not the specimens from Katanga, Zambia and Rhodesia)
1971. *Epomophorus sp.* Hill and Morris, 29
1972. *Epomophorus anurus* Adam et al., 59
1972. *Epomophorus gambianus* Dorst et al, 396
1973. *Epomophorus gambianus* Eisentraut, 356
1974. *Epomophorus gambianus* Ayensu, 702
1974. *Epomophorus gambianus* Largen, Kock and Yalden, 227
1974. *Epomophorus labiatus labiatus* Largen, Kock and Yalden, Mon. Zool. ital., (N.S.) 16 (Suppl. 5): 226-227. Name combination.

1975. *Epomophorus gambianus* Poche, 41
 1975. *Epomophorus gambianus* Eisentraut, 78
 1975. *Epomophorus gambianus* Jeffrey, 955
 1975. *Epomophorus gambianus* Koopman, 364
 1977. *Epomophorus reii* Baud, 203
 1978. *Epomophorus gambianus* Kock, 119
 1978. *Epomophorus gambianus* Koopman et al, 2
 1978. *Epomophorus gambianus* Happold et al, 74
 1980. *Epomophorus gambianus* Robbins, 85
 1982. *Epomophorus gambianus* Marshall et al,
 1982. *Epomophorus gambianus* Schlitter *et al.*, 138; (in part: the specimen quoted from De Pousargues is in fact the holotype of *Epomophorus pousarguesi* Trouessart, 1904)
 1984. *Epomophorus gambianus* Koch-Weser, 261
 1986. *Epomophorus gambianus* Tuttle, 540-558. Not of Ogilby, 1835
 1987. *Epomophorus anurus* Happold, 43
 1988. *Epomophorus gambianus gambianus* Bergmans, 84 - 92
 1996. *Epomophorus anarus* Kityo and Kerbis, J. East Afr. Nat. Hist., 85: xx. Lapsus.

Taxonomy:

Includes *anurus* and *minor*; see Claessen and De Vree (1991), but see also Bergmans (1988) and Simmons (2005: 322 - 323).

Common names:

English: Little Epauletted Fruit-bat, Ethiopian Epauletted Fruit-bat. French: Epomophore d'Ethiopie, Roussette labiée.

Etymology of name:

From the Latin "*labiatus*" for lipped.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004c).

General distribution:

Nigeria to Ethiopia, and Djibouti (Pearch *et al.* (2001: 392); and south to Uganda (Kityo and Kerbis, 1996: 59), Republic of the Congo, Malawi, Saudi Arabia and Yemen. Senegal records are probably erroneous (see Bergmans, 1988), although Capo-Chichi *et al.* (2004: 161) do refer to these records.

Molecular biology:

Karyotype - Dulic and Mutere (1973b) recorded the diploid number as $2n=36$.



Figure 8. Distribution of *Epomophorus labiatus*

Distribution based on voucher specimens: Burundi, Chad, Congo (Democratic Republic of the), Eritrea, Ethiopia, German East Africa, Kenya, Malawi, Rwanda, Somalia, Sudan, Tanzania, Uganda, Unknown country, Zambia.

Epomophorus labiatus minor Dobson, 1880

- *1880. *Epomophorus minor* Dobson, Proc. Zool. Soc. Lond., 1879, IV: 715. Type locality: Tanzania: Zanzibar. Type specimen: BMNH 1879.9.12.4. Publication date: April 1880. Considered a valid species by Kock (1969: 18 - 24), Koopman (1975: 363) and Ansell and Dowsett (1988: 27), but see Claessen and De Vree (1991).

- ? *Epomophorus anurus* Not of Heuglin, 1864
 ? *Epomophorus labiatus*
 ? *Epomophorus labiatus anurus* Not of Heuglin, 1864
 ? *Epomophorus labiatus minor*: Name combination.
 ? *Epomophorus pusillus*

Taxonomy:

Recognized as a full species by Simmons (2005: 323).

Conservation status:

Global- Unknown.

Common names:

Minor Epauletted Fruit Bat

General distribution:

Ethiopia, Somalia, Sudan, Kenya, Rwanda, SE Dem. Rep. Congo, Zambia, Tanzania, Zanzibar, Uganda, Malawi (Simmons 2005: 323).

Etymology of name:

From the Latin "*minor*" (= smaller).

Epomophorus minimus Claessen & De Vree, 1991

1837. *Pteropus labiatus*: Temminck, Mon. Mammal., 2: 83 - 84. Partim. One of the type specimens, an adult male, which later disappeared (Claessen and De Vree, 1991: 216).
1861. *Epomophorus labiatus*: Tomes, Proc. zool. Soc. Lond., 29: 11. Partim.
1899. *Ep[omophorus (Epomophorus)] schoensis*: Matschie, Megachiroptera Berlin Mus., p. 44, 53. Partim. Not of Rüppell, 1842.
1930. *Epomophorus minor*: Zammarano, Le colonie Italiane: 146. Not of Dobson, 1880.
1939. *Epomophorus labiatus minor*: G.M. Allen, Bull. Mus. comp. Zool., 83: 56. Partim. Not of Dobson, 1880.
1971. *Epomophorus labiatus labiatus*: Hayman and Hill, Order Chiroptera: 6 - 7. Partim.
1984. *Epomophorus labiatus anurus*: Aggundey and Schlitter, Ann. Carnegie Mus., 53 (5): 124. Animals from Katilo. Not of Heuglin, 1864.
- *1991. ***Epomophorus minimus*** Claessen and De Vree, Senckenb. Biol., 71: 216. Type locality: Ethiopia: Shewa, Bahadu [10 05 N 40 37 E, 600 m]. Type specimen: SMF 44238 (Holotype, ad F, alcoholic and skull, collector M. Largen, collection date: 3 - 7 May 1971, original number 16194).

Taxonomy:

Included in *E. minor* by Bergmans (1988).
Recognized as a full species by Claessen and De Vree (1991); Simmons (2005: 323).

Common names:

English: Least Epauletted Fruit-bat, East African Epauletted Fruit-bat. French: Petit Epomophore.

Etymology of name:

From the Latin for smallest.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004i).

General distribution:

Ethiopia to Uganda (Kityo and Kerbis, 1996: 58) and Tanzania.

Distribution based on voucher specimens:

[Ethiopia](#), [Kenya](#), [Somalia](#), [Tanzania](#), Uganda.



Figure 9. Distribution of *Epomophorus minimus*

Epomophorus wahlbergi (Sundevall, 1846)

1846. *Pteropus haldemani* Hallowell, Proc. Acad. Nat. Sci. Philadelphia, 3 (3): 52. Type locality: West Africa: no specific locality. Allen (1939a: 56) suggests that the specimen might possibly have come from Liberia. Considered a valid species by Schutt and Simmons (1998: 27). Publication date: prior to July 1846.
- *1846. *Pteropus Wahlbergi* Sundevall, Öfvers. K. Svenska Vet.-Akad. Forh. Stockholm, 3 (4): 118. Type locality: Republic of South Africa: Natal, near Port Natal [=Durban] (originally: "Prope Port-Natal et in Caffraria interiore occisus" see Acharya (1992: 1)).
1870. *Epomophorus macrocephalus* var. *unicolor* Gray, Cat. Monkeys, Lemurs, Fruit-eating Bats Brit. Mus., p. 125. Type locality: Mozambique: Zambesi, Shupanga [18 S, J]. Type specimen: BMNH 1864.8.16.1.
1899. *Epomophorus (Epomophorus) neumanni* Matschie, Megachiroptera Berlin Mus., p. 43, 50. Type locality: Kenya: Mombasa. This is the locality of the lectotype: see G.M. Allen (1939a: 57). Acharya (1992: 1) mentions "No type originally designated. Type locality restricted to "Mombassa, British East Africa (=Kenya) by Anderson (1912: 524)". - Matschie mentioned 14 May 1899 under his introduction.
1899. *Epomophorus (Epomophorus) stuhlmanni* Matschie, Megachiroptera Berlin Mus., p. 50. Type locality: Tanzania: Usaramo, Vikindo. This is the locality of the lectotype: see G.M. Allen (1939a: 56). Acharya (1992: 1) mentions "No type originally designated. Type locality restricted to Vikindo, Usaramo, German East Africa [=Tanzania] by Andersen (1912: 527)." In part (see G.M. Allen, 1939a: 56). - -. Matschie mentioned 14 May 1899 under his introduction.
1899. *Epomophorus (Epomophorus) zenkeri* Matschie, Megachiroptera Berlin Mus., p. 44, 46. Type locality: Angola: Cabinda, Chinchoxo. G.M. Allen (1939a: 56) mentioned the lectotype from Chinchoxo, Cabinda, Angola. Acharya (1992: 1) mentions "No type originally designated. Type locality restricted to Chinchoxo, Cabinda, Angola by Anderson (1912: 524)." -. Matschie mentioned 14 May 1899 under his introduction.
- ? *Epomophorus crypturus* Not of Peters, 1852.
- ? *Epomophorus gambianus* Not of Ogilby, 1836.
- ? *Epomophorus wahlbergi haldemani*: Name combination.
- ? *Epomophorus wahlbergi wahlbergi*: Name combination.
- ? *Epomophorus wahlbergi*: Name combination.

Taxonomy:

Reviewed by Acharya (1992). See Simmons (2005: 323).

Etymology of name:

Named after Johan August Wahlberg, explorer, hunter and outstanding collector of zoological material in Southern Africa. He was killed in 1856 by a wounded elephant near Savuti in northern Botswana (see Gyldenstolpe 1933; Taylor 2005).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004e).

Regional- South Africa- LC ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

Cameroon to Somalia, south over Republic of the Congo (Dowsett *et al.*, 1991: 259) to Angola, Botswana, Malawi (Happold and Happold, 1997: 815), Zambia (Cotterill, 2002: 6), Zimbabwe, (possibly Namibia - Cotterill, 2004: 260) and South Africa (Liberian records probably erroneous); Pemba and Zanzibar Islands.

Molecular biology:



Figure 10. *Epomophorus wahlbergi*

Common names:

Afrikaans: Wahlberg se vrugtevlermuis, Wahlberg-witkolvrugtevlermuis. English: Wahlberg's Epauletted Fruit-bat. French: Epomophore frugivore de Wahlberg, Roussette à épauettes de Wahlberg. Portuguese: Morcego frugivoro de Wahlberg.

Karyotype - $2n = 36$, FN = 68 (Dulic and Mutere, 1973b; Peterson and Nagorsen, 1975; Dulic and Mutere 1977). Dulic and Mutere (1973b; 1977) reported BA = 17, whereas Peterson and Nagorsen (1975) reported BA = 36.

Distribution based on voucher specimens: "Africa", "Congo", Angola, Congo (Democratic Republic of the), Equatorial Guinea, Ethiopia, Gabon, Ghana, Kenya, Malawi, Mozambique, Namibia, Somalia, South Africa, Sudan, Swaziland, Tanzania, Tanzania [=former Tanganyika], Uganda, Unknown Country, Zambia, Zimbabwe.



Figure 11. Distribution of *Epomophorus wahlbergi*

Genus *Epomops* Gray, 1866

- *1866. *Epomops* Gray, Cat. Monkeys, Lemurs, Fruit-eating Bats Brit. Mus., p. 126. Type species: *Epomophorus franqueti* Tomes, 1860

Taxonomy:

Reviewed by Bergmans (1989). See Simmons (2005: 323).

Common names:

English: Clamorous Fruit-bats, Noisy Fruit-bats, Singing Fruit-bats, Epauletted bats, Epaulet bats, African Epauletted bats.

Epomops buettikoferi (Matschie, 1899)

- *1899. *Ep[omophorus (Epomophorus)] büttikoferi* Matschie, Megachiroptera Berlin Mus., p. 43, 45. Type locality: Liberia: Junk river, Schlieffelinsville. Type specimen: RMNH, M. Matschie dated his introduction to 14 May 1899.
2000. *Epomops buettikoferi* Konstantinov, Pema, Labzin and Farafonova, *Plecotus et al.*, 3: xxx. Lapsus.
- ? *Epomophorus (Epomops) franqueti buettikoferi*: Name combination.
- ? *Epomops buettikoferi*: Name combination.

Taxonomy:

See Bergmans (1989) and Simmons (2005: 323).

Common names:

English: Buettikofer's Clamorous Fruit-bat, Buettikofer's epauletted bat, Buettikofer's epauletted fruit bat, Büttikofer's Fruit Bat. French: Epomophore de Buettikofer, Roussette de Buettikofer.

Etymology of name:

In honour of J. Büttikofer, who collected animals in Liberia.

Conservation status:

Global- VU (Groombridge 1994); VU (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004w).

General distribution:

Guinea over Côte d'Ivoire (Henry *et al.*, 2004: 24) to Nigeria.



Figure 12. Distribution of *Epomops buettikoferi*

Distribution based on voucher specimens: Cote D'Ivoire.

Epomops dobsonii (Bocage, 1889)

*1889. *Epomophorus dobsonii* Bocage, J. Sci. mat. phys. nat., Lisboa, ser. 2, 1 (1): 1, 14. Type locality: Angola: Benguela district, Quindumbo. Publication date: March 1889.

Frequently mentioned as *dobsoni*.

? *Epomops dobsonii*: Name combination.

Taxonomy:

See Bergmans (1979b; 1989) and Simmons (2005: 323).

Distribution based on voucher specimens:

Rwanda, Zambia.

Common names:

Afrikaans: Dobson se vrugtevlermuis, Dobson-vrugtevlermuis. English: Dobson's fruit bat, Dobson's epauletted fruit bat, Dobson's epauletted bat, singing fruit bat. French: Epomophore de Dobson, Roussette de Dobson.

Etymology of name:

Named after George Edward Dobson who, among his many other papers on bats, published a Catalogue of the Chiroptera in the collection of the British Museum in 1878 (see Taylor 2005).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004aa).

General distribution:

Angola to Rwanda, Tanzania, Malawi, and N Botswana, Zambia, Zimbabwe, and possibly Namibia (see a.o. Cotterill, 2004: 260).



Figure 13. Distribution of *Epomops dobsonii*

Epomops franqueti (Tomes, 1860)

- *1860. *Epomophorus franqueti* Tomes, Proc. Zool. Soc. Lond., 1860, I: 54, pl. 75. Type locality: Gabon: "Gabon". Publication date: February - May 1860.
1862. *Epomophorus comptus* H. Allen, Proc. Acad. Nat. Sci. Philadelphia, 13 (11): 158 (for 1861). Type locality: West Africa: -. G.M. Allen (1939a: 57) mentioned "=Gaboan". Publication date: Volume 13 issue 11 covers the meetings of June-July 1861, but was probably only printed in 1862.
1910. *Epomops franqueti strepitans* K. Andersen, Ann. Mag. Nat. Hist., ser. 8, 5 (25): 106. Type locality: Nigeria: Asaba. Type specimen: BMNH 1895.5.3.7. Publication date: 1 January 1910.
- ? *Epomophorus (Epomops) franqueti*: Name combination.
- ? *Epomops franqueti franqueti / strepitans*: Name combination.
- ? *Epomops franqueti franqueti*: Name combination.
- ? *Epomops franqueti*: Name combination.

Taxonomy:

See Bergmans (1989) and Simmons (2005: 324).

Common names:

English: Franquet's Clamorous Fruit-bat, Franquet's fruit bat, Franquet's epauletted fruit bat, singing fruit bat. French: Chien volant à épaulettes du Congo, Epomophore de Franquet, Roussette de Franquet.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004z).

General distribution:

Ivory Coast over Benin (Capo-Chichi *et al.*, 2004: 161), Central African Republic (Morvan *et al.*, 1999: 1195), Uganda (Kityo and Kerbis, 1996: 59) to Sudan, Uganda, NW Tanzania, N Zambia, Congo Republic (Dowsett *et al.*, 1991: 259), and Angola.

Molecular biology:

Karyotype - In Kenya, Peterson and Nagorsen (1975) recorded $2n = 36$.

Distribution based on voucher specimens:

Benin, Cameroon, Congo (Democratic Republic of the), Equatorial Guinea, Gabon, Ghana, Liberia, Nigeria, Tanzania, Togo.



Figure 14. Distribution of *Epomops franqueti*

Genus *Hypsignathus* H. Allen, 1862

1862. *Sphyrocephalus* A. Murray, Proc. zool. Soc. Lond., 1862, I: 8. Publication date: June 1862. Type species: *Sphyrocephalus labrosus* Murray, 1862 (= *Hypsignathus monstrosus* H. Allen, 1861). Preoccupied by *Sphyrocephala* Westwood, 1848, a dipteran and *Sphyrocephalus* Schmarda, 1859, a turbellarian; see Langevin and Barclay (1990: 1).
1862. *Zygaenocephalus* A. Murray, Proc. zool. Soc. Lond., 1862, I: pl. 1. Publication date: June 1862. Type species: *Zygaenocephalus labrosus* Murray, 1862 (= *Hypsignathus monstrosus* H. Allen, 1861). This name was attached to the plate illustrating Murray's description of *Sphyrocephalus* and serves as a replacement for *Sphyrocephalus* Murray, 1862: see Langevin and Barclay (1990: 1 - L199).
- *1862. *Hypsignathus* H. Allen, Proc. Acad. Nat. Sci. Philadelphia, 13 (11): 156 (for 1861). Publication date: Volume 13 issue 11 covers the meetings of June-July 1861, but was probably only printed in 1862. Type species: *Hypsignathus monstrosus* H. Allen, 1861.
- ? *Epomophorus (Hypsignathus)*: Name combination.
- ? *Hypsignathus*: Lapsus.

Taxonomy:

Revised by Bergmans (1989). See Simmons (2005: 324).

Common names:

English: Hammer-headed bats. French: Hypsignathe.

Hypsignathus monstrosus H. Allen, 1862

1862. *Sphyrocephalus labrosus* A. Murray, Proc. Zool. Soc. Lond., 1862, I: 8. Type locality: Nigeria: Old Calabar river. Type specimen: BMNH 1862.1.23.1[b]. Publication date: June 1862. The publication contains 14 January 1862 as date, but see Duncan (1937) for the actual publication date.
1862. *Zygaenocephalus labrosus* A. Murray, Proc. zool. Soc. Lond., 1862, I: pl. 1. Publication date: June 1862. Name combination.
- *1862. *Hypsignathus monstrosus* H. Allen, Proc. Acad. Nat. Sci. Philadelphia, 13 (11): 157 (for 1861). Type locality: Western Africa: (Gabon). Publication date; Volume 13 issue 11 covers the meetings of June-July 1861, but was probably only printed in 1862.
1876. *Epomophorus macrocephalus* Peters, Monatsb. k. preuss. Akad. Wiss. Berlin, p. 474. Type locality: Gabon: Dongila.
1899. *Hypsignathus haldemani* Matschie, Sitzb. Ges. Naturf. Freunde Berlin, p. 29. Not *Pteropus haldemani* Halowell, 1846: See Langevin and Barclay (1990: 1).
- ? *Epomophorus (Hypsignathus) monstrosus*: Name combination.
- ? *Hypsignathus monstrosus* Lapsus.

Taxonomy:

See Langevin and Barclay (1990), Bergmans (1989) and Simmons (2005: 324).

Common names:

English: Hammer-headed bat, Hammer-headed fruit bat. French: Chien volant à tête en marteau, Hypsignathe monstrueux. German: Hammerkopf.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004by).

General distribution:

Sierra Leone over Côte d'Ivoire (Henry *et al.*, 2004: 24), Togo and Nigeria (Capo-Chichi *et al.*, 2004: 161), Central African Republic (Morvan *et*

al., 1999: 1195), Republic of the Congo (Dowsett *et al.*, 1991: 259), Uganda (Kityo and Kerbis, 1996: 59) to W Kenya, south to Zambia and Angola; Bioko. Records from Gambia and Ethiopia are doubtful. Lavrenchenko *et al.* (2004: 131) report a second (and first documented) specimen from Ethiopia.

Activity and Behaviour:

Bradbury (1977) observed females hover in front of selected males before copulation.



Distribution based on voucher specimens:
"Africa", Cameroon, Congo (Democratic Republic
of the), Equatorial Guinea, Gabon, Nigeria, Togo.

Figure 15. Distribution of *Hypsignathus monstrosus*

Genus *Lissonycteris* K. Andersen, 1912

1912. *Rousettus (Lissonycteris)* K. Andersen, Cat. Chiroptera Brit. Mus., I. Megachiroptera, 23: 814. Described as a subgenus of *Rousettus* Gray, 1821. Type species: *Cynonycteris angolensis* Bocage, 1898.

Taxonomy:

Lawrence and Novick (1963) separated *Lissonycteris* from *Rousettus* because of ethological differences concerning the use of the limbs, and the absence of echolocation in *Lissonycteris*. Juste *et al.* (1997) presented allozyme evidence corroborating earlier chromosome studies (Haiduk *et al.* 1980, 1981), DNA-hybridisation results (Kirsch *et al.* 1995) and cladistic analysis (Springer *et al.* 1995) that support the recognition of *Lissonycteris* as a distinct genus. Bergmans (1994: 79; 1997: 136),

Lavrenchenko *et al.* (2004: 136), and Simmons (2005: 325) also consider *Lissonycteris* to be a valid genus.

Common names:

English: Soft-furred Fruit-bats, Smooth-haired Fruit-bats.

Etymology of name:

From the Greek for smooth bat.

Lissonycteris angolensis (Bocage, 1898)

- *1898. *Cynonycteris angolensis* Bocage, J. Sci. mat. phys. nat., Lisboa, ser. 2, 5: 133, 138, text-f. Type locality: Angola: Quibula, Cahata, north of Quanza River, Pungo Andongo [09 40 S 15 35 E, 1 200 m]. Type specimen: Museum Lisbon, T113, syntypes: ad F + juv; mounted, female without skull, juv with skull not removed; collector José d'Anchieta, collection date 1891. Both destroyed by fire in 1978; leaving only one syntype in the BMNH: see Bergmans (1997: 37). Publication date: June 1898.
1920. *Rousettus (Lissonycteris) crypticola* Cabrera, Bol. R. Soc. esp. Hist. nat., 20: 106. Type locality: Equatorial Guinea: Bioko, Malabo, Basilé, cave of San Fernando. Type specimen: MNCN 53 / 20-II-25-5 (F; skin only (skull ?), collector D. Manuel M. De la Escalera, collection date: 26 July 1919, Paratype: juv M: MNCN 54, see Ibáñez and Fernández, 1989: 7; Bergmans, 1997: 35). Publication date: March 1920.
- ? *Lissonycteris angolensis*: Name combination.

Taxonomy:

Peterson *et al.* (1995: 48) include *angolensis* in the genus *Myonycteris*. Simmons (2005: 325) recognizes *goliath*, *petraea*, *ruwenzorii* and *smithii* as subspecies of *angolensis*, indicating that more than one species may be present in this complex.

(IUCN 2003); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004ar).

General distribution:

Senegal; Gambia (Kock *et al.*, 2002: 80), Togo and Nigeria (Capo-Chichi *et al.*, 2004: 161), and Angola to Ethiopia and Mozambique; Bioko; Republic of the Congo (Dowsett *et al.*, 1991: 259), Uganda (Kityo and Kerbis, 1996: 60).

Common names:

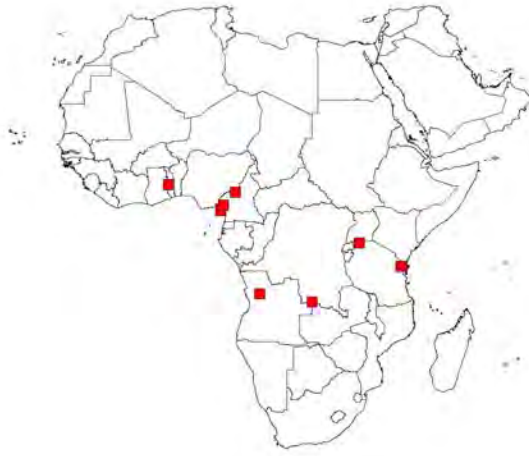
Afrikaans: Bocage se vrugtevlermuis, Bocage-vrugtevlermuis. English: Angolan Soft-furred Fruit-bat, Angolan Long-haired Fruit-bat, Angolan rousette, Angolan fruit bat, Bocage's Fruit-bat, Long-haired rousette, Canon Smith's Rousette. French: Rousette à longs poils, Rousette d'Angola, Rousette de Bocage. Portuguese: Morcego Frugivoro de Bocage.

Etymology of name:

Referring to the country where the type specimen was collected.

Conservation status:

Global- LR/lc assessed as *Rousettus angolensis*



Distribution based on voucher specimens:
 Angola, Cameroon, Equatorial Guinea, Nigeria,
 Tanzania, Togo, Zambia.

Figure 16. Distribution of *Lissonycteris angolensis*

Lissonycteris angolensis angolensis (Bocage, 1898)

- *1898. *Cynonycteris angolensis* Bocage, J. Sci. mat. phys. nat., Lisboa, ser. 2, 5: 133, 138, text-f. Type locality: Angola: Quibula, Cahata, north of Quanza River, Pungo Andongo [09 40 S 15 35 E, 1 200 m]. Type specimen: Museum Lisbon, T113, syntypes: ad F + juv; mounted, female without skull, juv with skull not removed; collector José d'Anchieta, collection date 1891. Both destroyed by fire in 1978; leaving only one syntype in the BMNH: see Bergmans (1997: 37). Publication date: June 1898.

? *Lissonycteris angolensis angolensis*: Name combination.

Etymology of name: was collected.
 Referring to the country where the type specimen

Lissonycteris angolensis ruwenzorii (Eisentraut, 1965)

- *1965. *Rousettus angolensis ruwenzorii* Eisentraut, Bonn. zool. Beitr., 16 (1/2): 3. Type locality: Uganda: Ruwenzori East [1 575 m].

? *Lissonycteris angolensis ruwenzorii*: Name combination.

Common names: Etymology of name:
 English: Ruwenzori Long-haired rousette. French: Referring to the area where the type specimen
 Rousette à longs poils du Ruwenzori. was collected.

Lissonycteris goliath Bergmans, 1997

- *1997. *Lissonycteris angolensis goliath* Bergmans, Beaufortia, 47: 46. Type locality: Zimbabwe: Inyanga, Gleneagles (Estate) [18 17 S 32 54 E]. Type specimen: NHMZ 59831 (ad F, skin and skull, collector M. Stuart Irwin *et al.*, collection date 19 March 1970; coll nr T1854; 8 paratypes; see Bergmans, 1997: 46).
2001. *Lissonycteris goliath* Cotterill, Durban Mus. Novit., 26: xx. Name combination.

Taxonomy:

Bergmans (1997) showed that craniological characters also distinguish *Lissonycteris* from *Rousettus*, and assigned the specimens from Zimbabwe to a new subspecies (*L. a. goliath*). Liberally applying the evolutionary species concept, which holds that any diagnosable or allopatric population is a valid species, Cotterill (2001e) elevated *goliath* to full species rank.

Common names: English:
Harrison's fruit bat.

Etymology of name:

Referring to the biblical giant with the same name.

Conservation status:

Global- VU A3c+4c ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004ay).

General distribution:

Zimbabwe, Mozambique.

Distribution based on voucher specimens:
Zimbabwe.



Figure 17. Distribution of *Lissonycteris goliath*

Lissonycteris petraea Bergmans, 1997

- *1997. *Lissonycteris angolensis petraea* Bergmans, Beaufortia, 47: 44. Type locality: Ethiopia: 10 km from Agaro at the road to Jimma. Type specimen: MNHN CG 1972.482 (ad M, alcoholic and skull, collector J. Dorst *et al.*, collection date 10-13 June 1968, coll nr 4017; 10 paratypes; see Bergmans, 1997: 44).
2001. *Lissonycteris petraea* Cotterill, Durban Mus. Novit., 26: xx. Name combination.

Taxonomy:

Simmons (2005: 325) states that the status of *petraea* remains unclear, but recognized it as a subspecies of *angolensis*.

Common names:

English: Petra fruit bat.

General distribution:

Ethiopia.

Distribution based on voucher specimens:

Ethiopia.

Conservation status:

Global- VU A4c ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004at).

Lissonycteris smithii (Thomas, 1908)

- *1908. *Rousettus smithii* Thomas, Ann. Mag. Nat. Hist., ser. 8, 2 (10): 375. Type locality: Sierra Leone: no specific locality. Grubb *et al.* (1998: 67) mention that the type locality is almost certainly Freetown, according to Rosevear (1965: 84). Type specimen: BMNH 1908.9.11.1 (nearly ad F, collected and presented by Canon F.C. Smith). Publication date: 1 October 1908.
- ? *Lissonycteris smithii*: Name combination.

Taxonomy:

Mentioned as *smithii* by Allen (1939a: 63), Meester *et al.* (1986: 30), Koopman (1993), Bergmans (1997: 33), Grubb *et al.* (1998: 67), Kock *et al.* (2002: 79), but as *smithi* by Peterson *et al.* (1995: 48), who also consider it a valid species in the genus *Myonycteris*. Kock *et al.* (2002: 79) include it as subspecies in *angolensis*, due to clinal differentiation (as does Bergmans, 1997: 33). Simmons (2005: 325) follows Kock *et al.*, (2002) who support Bergmans (1997) who treat *smithii* as a subspecies of *angolensis*.

Conservation status:

Global- LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004am).

General distribution:

Bioko, Burkina Faso, Ghana, Guinea, Guinea Bissau, Ivory Coast, Liberia, Nigeria, Sierra Leone, Togo, Senegal.

Distribution based on voucher specimens:

Sierra Leone.

Common names:

English: Smith's fruit bat.

Genus *Micropteropus* Matschie, 1899

- *1899. *Micropteropus* Matschie, Megachiroptera Berlin Mus., p. 36, 57. Type species: *Epomophorus pusillus* Peters, 1867. Described as subgenus of *Epomophorus* Bennett, 1836. Matschie dated his introduction on 14 May 1899.
2004. *Micropterus*: Henry, Barrière, Gautier-Hion and Colyn, J. Trop. Ecol., 20: 24. Lapsus.
- ? *Epomophorus* Not of Bennett, 1836

Taxonomy:

Revised by Bergmans (1989), who transferred *grandis* from this genus to *Epomophorus*. See Simmons (2005: 327).

Etymology of name:

From the Greek "*micros*" (=small) and "*Pteropus*" (=wing-footed) (see Owen-Ashley and Wilson, 1998: 4).

Common names:

English: Lesser Fruit-bats, Dwarf epauletted fruit bats.

Micropteropus intermedius Hayman, 1963

1889. *Epomophorus pusillus* Noack, Zool. Jb. Syst., 4: 206. Not of Peters, 1868. Partim. See Kock (1987b: 220).
1953. *Micropteropus grandis* Ellerman, Morrison-Scott and Hayman, Southern African mammals: 49. Not of Sanborn, 1950. In part. See Kock (1987b: 220).
1956. *Micropterus grandis* Leleup, Ann. Mus. r. Congo belge, (Sci. zool.), 46: 76. Not of Sanborn, 1950. Lapsus.
- *1963. *Micropteropus intermedius* Hayman, Publ. Cult. Comp. Diamantes Angola, 66: 100. Type locality: Angola: Lunda, Dundo. Type specimen: BMNH 1962.2073.
1969. *Micropteropus pusillus* Kock, Abh. Senckenberg. naturforsch. Ges., 521: 24. Not of Peters, 1868. In Part. See Kock (1987b: 220).
- ? *Micropterus (sic) intermedius*: Name combination. Lapsus.

Taxonomy:

See Bergmans (1989) and Simmons (2005: 327).

Common names:

English: Hayman's Lesser Fruit-bat, Hayman's dwarf epauletted fruit bat, Hayman's Epauletted Fruit Bat. French: Roussette naine de Hayman.

Conservation status:

Global- Rare (Groombridge 1994); VU (Baillie and Groombridge 1996); DD (Hilton-Taylor 2000); DD ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004a).

General distribution:

N Angola, SE Democratic Republic of the Congo.

Distribution based on voucher specimens:

Angola, Cameroon.



Figure 18. Distribution of *Micropteropus intermedius*

Micropteropus pusillus (Peters, 1868)

1860. *Epomophorus schoënsis* Tomes, Proc. zool. Soc. Lond., 1860, I: 56. Publication date: February - May 1860. Not of Rüppell, 1842.
1860. *Epomophorus schoensis*: Tomes, Name combination.
- *1868. *Epomophorus pusillus* Peters, Monatsb. K. preuss. Akad. Wiss. Berlin, p. 870 (for 1867). Type locality: Nigeria: Yoruba (see Bergmans, 1989. Grubb *et al.* (1998: 70) state that "Peters in effect renamed *Epomophorus schoënsis* Tomes and therefore Tomes's type locality [= "Gambia" - fixed by Andersen, 1912: 559] must stand, even though his syntypes are evidently no longer in existence". However, see Kock *et al.* (2002: 82) for a discussion on the type locality). -
2004. *Micropteropus pusillus* Henry, Barrière, Gautier-Hion and Colyn, J. Trop. Ecol., 20: 24. Lapsus.
- ? *Epomophorus (Micropteropus) pusillus*: Name combination.
- ? *Micropteropus pusillus*: Name combination.
- ? *Nanonycteris veldkampii* Not of Jentink, 1888

Taxonomy:

See Bergmans (1989), Owen-Ashley and Wilson (1998) and Simmons (2005: 327).

Common names:

English: Peters' Lesser Fruit-bat, Peters's Dwarf Epauletted Fruit Bat, Dwarf Epauletted Fruit Bat.
French: Roussette naine de Peters.

Etymology of name:

From the Latin "*pusillus*" (=very small) (see Owen-Ashley and Wilson, 1998: 4).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004ak).

General distribution:

Gambia over Guinea (Fahr and Ebigbo, 2003: 128), Mali (Meinig, 2000: 104), Côte d'Ivoire (Henry *et al.*, 2004: 24), Benin (Capo-Chichi *et al.*, 2004: 161), Central African Republic (Morvan *et al.*, 1999: 1195), Uganda (Kityo and Kerbis, 1996: 59) to Ethiopia, south to Republic of the Congo (Dowsett *et al.*, 1991: 259), Angola, Zambia, Burundi, and Tanzania.

Distribution based on voucher specimens:

Angola, Congo (Democratic Republic of the), Gabon, Ghana, Guinea-Bissau, Nigeria, Tanzania, Togo.



Figure 19. Distribution of *Micropteropus pusillus*

Genus *Myonycteris* Matschie, 1899

- *1899. *Myonycteris* Matschie, Megachiroptera Berlin Mus., p. 61, 63. Type species: *Cynonycteris torquata* Dobson, 1878. Originally described as subgenus of *Xantharpyia*. Matschie dated his introduction on 14 May 1899.
1912. *Myonycteris*: K. Andersen, Name combination.

Taxonomy: bats, Dwarf Epauletted Bat, Lesser Epauletted Bat.
 Two subgenera are presently recognized
Myonycteris and *Phygetis* (Koopman 1994;
 Simmons 2005: 328). Revised by Bergmans
 (1976; 1997).

Etymology of name:
 Derived from the Greek "mys" (= mouse) and
 "nycteris" (= bat) meaning mouse-like bat.

Common names:
 English: Collared Fruit-bats, Little Collared Fruit-

Subgenus *Myonycteris* (*Myonycteris*) Matschie, 1899

- *1895. *Myonycteris* Matschie, Megachiroptera Berlin Mus., p. 61, 63. Type species: *Cynonycteris torquata* Dobson, 1878.

Myonycteris* (*Myonycteris*) *brachyptera

- ? *brachyptera* Mentioned by Peterson *et al.* (1995: 48) only with the remark "La situation exacte de ce taxon suppose une étude plus poussée". [The exact situation of this taxon needs a more thorough study].

Myonycteris (Myonycteris) relicta Bergmans, 1980

- *1980. *Myonycteris relicta* Bergmans, Zool. Meded. Rijksmus. Nat. Hist. Leiden, 55 (14): 126. Type locality: Kenya: Coast Prov., Shimba Hills, Lukore area, Mukanda River. Type specimen: RMNH 27909 (ad M, collector R.N. Kyongo, collection date 30 July 1978: see Bergmans, 1997: 56).
- ? *Myonycteris (Myonycteris) relicta*: Name combination.

Taxonomy:

Bronner *et al.* (2003) state that *Myonycteris relicta* was described by Bergmans (1980) based on the re-identification of a specimen from the Nguru Mountains, and two specimens from the Usambara Mountains, in Tanzania. Peterson *et al.* (1995: 48) regarded *M. relicta* as a species of *Rousettus*, in contrast to Koopman (1982; 1993a: 143), Corbet and Hill (1991), Koopman (1993a: 143), Bergmans (1997) and Simmons (2005: 328) who retained this taxon in *Myonycteris*.

Tanzania; Zimbabwe. Recently, a female specimen captured in Haroni Forest (Zimbabwe) in 1973 and originally identified incorrectly as *Rousettus (=Lissonycteris) angolensis*, was re-identified as *Myonycteris relicta* (Cotterill 1995; Bergmans 1997), thereby providing the first record of this species in the southern African subregion.

Common names:

English: East African Collared Fruit-bat, Relict Collared Fruit-bat, East African Little Collared Fruit Bat, Bergmans's Small Fruit Bat. French: Chauve-souris frugivore à collier d'Afrique orientale, Roussette du Kenya, Myonyctère d'Afrique orientale.

Etymology of name:

First described by Wim Bergmans after examining and reclassifying specimens previously ascribed to *Rousettus (Lissonycterus) angolensis* and following his discovery of the type specimen from the Mukonda River in Kenya (see Taylor 2005).

Conservation status:

Global- VU (Groombridge 1994); VU (Baillie and Groombridge 1996); VU A4c ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004bi).

General distribution:

Shimba Hills, Kenya; Nguru and Usambara Mtns,



Figure 20. Distribution of *Myonycteris (Myonycteris) relicta*

Distribution based on voucher specimens:
Kenya, Tanzania.

Myonycteris (Myonycteris) torquata (Dobson, 1878)

1870. *Cynopterus collaris* Gray, Not of Kolenati, not of Geoffroy. Cat. Monkeys, Lemurs, Fruit-eating Bats Brit. Mus., p. 123. Type locality: Angola?: W Africa, Lower Congo; Angola (see G.M. Allen, 1939a: 58). Type specimen: BMNH 1843.9.27.2.
- *1878. *Cynonycteris torquata* Dobson, Cat. Chiroptera Brit. Mus., p. 71, 76, pl. 5, fig. 1. Type locality: Angola: N Angola, Lower Cuanza region, Golungo Alto. Type specimen (lectotype): BMNH 1866.1.20.4 (ad M, alcoholc and skull, collector F. Welwitsch, collection date 1853-1860: see Bergmans, 1997: 49). Publication date: June 1878. Grubb *et al.* (1998: 68) indicate "definite restriction of the type locality is not possible at present (Bergmans, 1976: 210 - 211)". Bergmans (1997: 49) indicates that Bergmans (1976) restricted the type locality to "Lower Cuanza Region" and the area was restricted to Golungo Alto by Crawford-Cabral (1989).
- ? *Myonycteris (Myonycteris) torquata*: Name combination.
- ? *Myopterus torquata*: Name combination.

Taxonomy:

See Hayman and Hill (1971), Peterson *et al.* (1995), Bergmans (1976; 1997) and Simmons (2005: 328). Subspecies follow Koopman (1994), but see Bergmans (1997).

Common names:

English: Little Collared Fruit-bat. French: Petite Chauve-souris frugivore à collier, Petite Myonyctère.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004cb).

General distribution:

Sierra Leone, Guinea (Fahr and Ebigbo, 2003: 128), Côte d'Ivoire (Henry *et al.*, 2004: 24), Togo and Nigeria (Capo-Chichi *et al.*, 2004: 161), over Central African Republic (Morvan *et al.*, 1999: 1195) to Uganda (Kityo and Kerbis, 1996: 59), Ethiopia (1st record: Lavrenchenko *et al.*, 2004: 136), south to Republic of the Congo (Dowsett *et al.*, 1991: 259), Angola and Zambia; Bioko.

Distribution based on voucher specimens:

Angola, Angola (?), Congo (Democratic Republic of the), Cote D'Ivoire, Equatorial Guinea, Sierra Leone, Zambia.



Figure 21. Distribution of *Myonycteris (Myonycteris) torquata*

Myonycteris (Myonycteris) torquata leptodon K. Andersen, 1908

- *1908. *Myonycteris leptodon* K. Andersen, Ann. Mag. Nat. Hist., ser. 8, 2 (11): 450. Type locality: Sierra Leone: Sierra Leone. Type specimen: BMNH 1891.2.13.1 (ad M, skin and skull, collector J. Hickman, Esq., collection date: prior to 1891). Publication date: 1 November 1908.
- ? *Myonycteris (Myonycteris) torquata leptodon*: Name combination.
- ? *Myonycteris torquata leptodon*: Name combination.

Myonycteris (Myonycteris) torquata torquata (Dobson, 1878)

- *1878. *Cynonycteris torquata* Dobson, Cat. Chiroptera Brit. Mus., p. 71, 76, pl. 5, fig. 1. Type locality: Angola: N Angola, Lower Cuanza region, Golungo Alto. Type specimen (lectotype): BMNH 1866.1.20.4 (ad M, SA, collector F. Welwitsch, collection date 1853-1860: see Bergmans, 1997: 49). Publication date: June 1878. Grubb *et al.* (1998: 68) indicate "definite restriction of the type locality is not possible at present (Bergmans, 1976: 210 - 211)". Bergmans (1997: 49) indicates that Bergmans (1976) restricted the type locality to "Lower Cuanza Region" and the area was restricted to Golungo Alto by Crawford-Cabral (1989)
- ? *Myonycteris (Myonycteris) torquata torquata*: Name combination.
- ? *Myonycteris torquata torquata*: Name combination.

Myonycteris (Myonycteris) torquata wroughtoni K. Andersen, 1908

- *1908. *Myonycteris wroughtoni* K. Andersen, Ann. Mag. nat. Hist., ser. 8, 2 (11): 450. Type locality: Democratic Republic of the Congo: Uele district, Likandi river [=Litaki river]. Type specimen: BMNH 1907.7.8.25 (ad M, skin and skull, collector Alexander-Gosling expedition, collection date 18 April 1906: see Andersen, 1908: 450; Bergmans, 1997: 50). Publication date: 1 November 1908.
- ? *Myonycteris (Myonycteris) torquata wroughtoni*: Name combination.
- ? *Myonycteris torquata wroughtoni*: Name combination.

Etymology of name: (1908: 450).
 In honour of Mr. R.C. Wroughton, who assisted in working out the mammals collected during the Alexander-Gosling Expedition: see Andersen

Subgenus *Myonycteris* (*Phygetis*) K. Andersen, 1912

1912. *Phygetis* K. Andersen, Cat. Chiroptera Brit. Mus., 1: 579. Type species: *Cynonycteris brachycephala* Bocage, 1889.
 1993. *Phylletis* Juste and Ibáñez, p. 222

Myonycteris* (*Phygetis*) *brachycephala (Bocage, 1889)

- *1889. *Cynonycteris brachycephala* Bocage, J. Sci. mat. phys. nat., Lisboa, ser. 2, 1 (3): 198. Type locality: São Tomé and Príncipe: São Tomé Island. Type specimen: MLZA 449a/ "holotipo T114" (ad F, mounted, skull, collector F. Newton/Pires, collection date 1868; destroyed by fire in 1978: see Bergmans, 1997: 53). Publication date: December 1889.
 1898. *brachycephalus* Seabra, J. Sci. mat. phys. nat., Lisboa, ser. 2, x: xxx.
 ? *Myonycteris* (*Phygetis*) *brachycephala*: Name combination.
 ? *Myonycteris brachycephala*: Name combination.

Taxonomy:

Reviewed by Bergmans (1997). See Simmons (2005: 328).

General distribution:

São Tomé Isl (Gulf of Guinea).

Common names:

English: Sao Tomé collared fruit bat. French: Name Chauve-souris frugivore à collier de Sao Tome, Myonyctère de Sao Tome.

Distribution based on voucher specimens:

São Tomé and Príncipe.

Conservation status:

Global- VU (Groombridge 1994); VU (Baillie and Groombridge 1996); EN (Hilton-Taylor 2000); EN B1ab(iii) ver 3.1 (2001) (IUCN 2004; Juste *et al.*, 2004b)

Genus *Nanonycteris* Matschie, 1899

- *1899. *Nanonycteris* Matschie, Megachiroptera Berlin Mus., p. 36, 58. Described as a subgenus of *Epomophorus* Bennett, 1836. Type species: *Epomophorus veldkampii* Jentink, 1888. Matschie dated his introduction on 14 May 1899.
- ? *Epomophorus* Not of Gray, 1836

Taxonomy:

Revised by Bergmans (1989). See Simmons (2005: 328).

Common names:

English: Dwarf Fruit-bats, Little Flying Cow.

Nanonycteris veldkampii (Jentink, 1888)

- *1888. *Epomophorus veldkampii* Jentink, Notes Leyden Mus., 10: 51. Type locality: Liberia: Fisherman Lake, Buluma. Type specimen: ? (ad F, alcoholic, collector: Büttikofer and Sala). Publication date: April 1888.
2000. *Nanonycteris veldkampii* Konstantinov, Pema, Labzin and Farafonova, Plecotus *et al.*, 3: 145. Lapsus.
- ? *Epomophorus (Nanonycteris) veldkampii*: Name combination.
- ? *Nanonycteris veldkampii*: Name combination.

Taxonomy:

See Bergmans (1989) and Simmons (2005: 328).

Common names:

English: Veldkamp's Dwarf Fruit-bat, Veldkamp's bat, Little Flying Cow, Flying Calf. French: Chauve-souris de Veldkamp, Petite vache-volante, Nanonyctère.

Etymology of name:

Jentink (1887: 52) states: "I call this new species *veldkampii*, as Büttikofer wishes to connect the name of one of his Liberian friends with this new acquisition. Mr. Veldkamp, at present Consul for the Netherlands in Liberia, has helped our travellers as much as he could, has promoted their investigations in every way and finally assisted to Sala's funeral."

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004cd).

General distribution:

Guinea over Côte d'Ivoire (Henry *et al.*, 2004: 24), Togo, Benin, Nigeria (Capo-Chichi *et al.*, 2004: 161; 1st record for Benin) to Central African Republic.



Figure 22. Distribution of *Nanonycteris veldkampii*

Distribution based on voucher specimens:
Angola, Ghana, Liberia, Togo.

Genus *Plerotes* K. Andersen, 1910

- *1910. *Plerotes* K. Andersen, Ann. Mag. nat. Hist., ser. 8, 5 (25): 97. Publication date: 1 January 1910. Type species: *Epomophorus anchietæ* Seabra, 1900.

Taxonomy:

Revised by Bergmans (1989). See Simmons (2005: 333).

Common names:

English: Plerote Fruit-bats, Plerotes Fruit-bats.

French: Plérote d'Anchieta.

Etymology of name:

From the Greek "*plerotes*" meaning one who renders full or complete.

Plerotes anchietæ (de Seabra, 1900)

- *1900. *Epomophorus anchietæ* de Seabra, J. Sci. mat. phys. nat., Lisboa, ser. 2, 6: 116. Type locality: Angola: Benguela, Galanga. Publication date: August 1900.
1900. *Epomophorus anchietæ* de Seabra, Current spelling.
- ? *Epomophorus n. sp.*
- ? *Nanonycteris veldkampii* Not of Jentink, 1888.
- ? *Plerotes ancheilæ* Lapsus.
- ? *Plerotes anchietæ*: Name combination.
- ? *Plerotes anchietai* Lapsus (?).

Taxonomy:

Koopman (1993a: 145) mentions this name as *anchietai*, whereas G.M. Allen (1939a: 59) and Kock *et al.* (1998: 114) use *anchietæ*. See Simmons (2005: 333).

Common names:

English: Anchieta's Plerote Fruit-bat, Benguela Fruit-bat, d'Anchieta's fruit bat, Anchieta's Fruit Bat. French: Chauve-souris frugivore d'Anchieta.

Conservation status:

Global- Rare (Groombridge 1994); VU (Baillie and Groombridge 1996); DD (Hilton-Taylor 2000); DD ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004cj).

General distribution:

Angola, Zambia, S Democratic Republic of the Congo, Malawi.

Genus *Pteropus* Erxleben, 1777

- *1777. *Pteropus* Erxleben, Systema Regni Animalis, ed. 2: 12, 153. Type species: *Vespertilio vampirus niger* Kerr, 1792. G.M. Allen (1939a: 59), Corbet and Hill (1992: 57), and Simmons (2005) mention Brisson, 1762 [Règne Animal, ed. 2, pp. 13, 153] as author. This name, however, is not available (see Hopwood, 1947).
1799. *Spectrum* Lacépède, Tabl. Div. Subd. Orders Genres Mammifères, p. 15. Type species: *Vespertilio vampirus niger* Kerr, 1792. Preoccupied by *Spectrum* Scopoli, 1777 [Lepidoptera] (see Allen, 1939a: 59; Corbet and Hill, 1992: 57; Pavlinov *et al.*, 1995: 62; Miller and Wilson, 1997: 1; Jones and Kunz, 2000: 1)
1866. *Eunycteris* Gray, Proc. zool. Soc. Lond., 1866, I: 64. Type species: *Pteropus phaiops* Temminck, 1837 (= *Pteropus melanopogon* Peters, 1867). Publication date: May 1866.
1870. *Pselaphon* Gray, Cat. Monkeys, Lemurs, Fruit-eating Bats Brit. Mus., p. 110. Type species: *Pteropus pselaphon* Layard, 1829.
1899. *Sericonycteris* Matschie, Megachiroptera Berlin Mus., p. 6, 30. Type species: *Pteropus rubricollis* E. Geoffroy Saint-Hilaire, 1810 (= *Pteropus subniger* Kerr, 1792). Originally described as a subgenus of *Pteropus*. Matschie dated his introduction on 14 May 1899.
1907. *Desmalopex* Miller, Bull. U.S. natl. Mus., 57: 60. Type species: *Pteropus leucopterus* Temminck, 1853. Publication date: 29 June 1907.

Taxonomy:

See Bergmans (1991) and Simmons (2005: 334).

Etymology of name:

From the Greek "*pteron*" meaning wing, feather, fin and "*pous*" meaning foot (Jones and Kunz, 2000: 5).

Common names:

Czech: kalon. Dutch: Kalongs. English: Flying-foxes, Flying Foxes.

Pteropus aldabrensis True, 1893

- *1893. *Pteropus aldabrensis* True, Proc. U.S. Natl. Mus., 16: 533. Type locality: Seychelle Islands: Aldabra Island. Publication date: 14 July 1893.

Taxonomy:

See Simmons (2005: 334).

General distribution:

Known only from the type locality, Seychelles, Aldabra Isl.

Common names:

English: Aldabra flying fox, Aldabra flying-fox.
French: Renard volant d'Aldabra. Spanish: Zorro volador de Aldabra.

Conservation status:

Global- CR C2a(i) ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004cu).
CITES - Appendix II.

Pteropus livingstonii Gray, 1866

- *1866. *Pteropus livingstonii* Gray, Proc. Zool. Soc. Lond., 1866, I: 66. Type locality: Comoro Islands: Anjouan Island. Type specimen: BMNH 1863.12.11.2. Publication date: May 1866.
1971. *Pteropus livingstonei* Hayman and Hill, Order Chiroptera, p. 10. Lapsus.

Taxonomy:

See Bergmans (1991); Simmons (2005: 339) and Smith and Leslie (2006: 1).

females have been difficult to collect in the wild (Clark *et al.*, 1997; Trehwella *et al.*, 1995a; Young *et al.*, 1993; Smith and Leslie 2006: 2).

Common names:

Dutch: Zwarte Komorenkalong, Schoudervlekkalong. English: Comoro Black flying fox, Comoro flying fox, Black Flying-fox, Livingstone's flying fox, Comores flying fox. French: Renard volant noir. Spanish: Zorro volador de Livingston.

Echolocation:

Not known to echolocate.

Molecular biology:

DNA - Unknown.

Karyotype - Unknown.

Protein / allozyme - Unknown.

Palentological / archaeological records:

No fossils are known (Smith and Leslie (2006: 2).

Habitat:

See Smith and Leslie (2006: 3).

Conservation status:

Global- EN (IUCN Conservation Monitoring Centre 1988; IUCN 1990; Groombridge 1994); CR (Baillie and Groombridge 1996); CR A1c+2cd, B1+2c, C2a (Mickleburgh *et al.*, 2002: 22); CR A4c ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004ah).

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See Smith and Leslie (2006: 4) for discussion.

Habits:

See Smith and Leslie (2006).

Roost:

See Smith and Leslie (2006).

Migration:

Intra-island movement among roosts is likely, but interisland movement is unknown (Smith and Leslie 2006: 3).

General distribution:

Is endemic to two of the four Comoro Islands: Anjouan (formerly Johanna) and Moheli (Trehwella *et al.*, 2001; Smith and Leslie 2006: 1).

Food / diet:

See Smith and Leslie (2006: 3).

Predators:

See Smith and Leslie (2006).

Geographic variation:

See Smith and Leslie (2006: 1).

Population:

Structure and density - See Smith and Leslie (2006: 1).

General description of external morphology:

See Smith and Leslie (2006: 1).

Activity and behaviour:

See Smith and Leslie (2006: 1).

General description of cranial and dental morphology:

Unknown.

Reproduction and ontogeny:

See Smith and Leslie (2006: 2).

Detailed morphology:

For a description of the cranium, teeth, ear and tragus, and wingshape and aspect ratio see Smith and Leslie (2006: 1-2).

Mating:

See Smith and Leslie (2006).

Post-natal development:

Unknown.

Functional morphology:

Unknown.

Parasites:

Unknown.

Sexual dimorphism:

It is not clear if sexual dimorphism occurs in *P. livingstonii* because sufficient numbers of adult

Life-span:
Unknown.

Viruses:
Unknown.

Utilization:
Unknown.

Anthropophilous:
Unknown.

Distribution based on voucher specimens:
Comoro Islands.



Figure 23. Distribution of *Pteropus livingstonii*

Pteropus niger (Kerr, 1792)

- *1792. *Vespertilio vampirus niger* Kerr, In Linnaeus: Animal Kingdom, 1: xvii, 90. Type locality: Mascarene Islands: Réunion Island (France). Publication date: February 1792.
1803. *Pteropus fuscus* E. Geoffroy Saint-Hilaire, Cat. Mamm. Mus. Nat. Hist. nat., Paris: 46. Type locality: Réunion and Madagascar: no specific locality.
1804. *Vespertilio mauritanus* Hermann, Observationes zoologicae, p. 19. Type locality: Mauritius: no specific locality.
1808. *Pteropus rufus* Tiedemann, Zool., 1808: 535. Type locality: Madagascar: Madagascar. Not of E. Geoffroy Saint-Hilaire, 1803, but see Bergmans (1990).
1810. *Pteropus vulgaris* E. Geoffroy Saint-Hilaire, Ann. Mus. Hist. Nat. Paris, 15: 92. Type locality: Réunion and Madagascar: no specific locality.
1895. *Pteropus pteropus* Merriam, Science, N.S. 1: 376. Type locality: Réunion and Madagascar: no specific locality. Publication date: 5 April 1895.
- ? *Pteropus niger*: Name combination.

Taxonomy:

See Bergmans (1991) and Simmons (2005: 341).

Common names:

English: Greater Mascarene flying fox, Mascarene Flying-fox, Mauritian flying fox.
 French: Renard volant de l'île de Mascarene.
 Spanish: Zorro volador negro de Mauricio.

Conservation status:

Global- IUCN - VU: A1d+2cd. Extinct on Réunion Isl (See Cheke and Dahl 1981). VU A1d+2cd ver 2.3 (1994).

CITES- Appendix II

General distribution:

Mascaren Isls (Réunion Isl, Mauritius Isl, subfossil on Rodriguez Isl).

Distribution based on voucher specimens:

Mauritius, Tanzania.



Figure 24. Distribution of *Pteropus niger*

Pteropus rodricensis Dobson, 1878

- *1878. *Pteropus rodricensis* Dobson, Cat. Chiroptera Brit. Mus., p. 36. Type locality: Mascarene Islands: Rodrigues Island. Type specimen: BMNH 1876.3.11.1. Publication date: June 1878.
1907. *Pteropus mascarinus* Mason, Ann. Mag. Nat. Hist., ser. 7, 20 (117): 221. Type locality: ? : 15 mi (=22 km) NE Mauritius, Round island (La Ronde). Type specimen: BMNH 1925.8.10.1. Publication date: 1 September 1907.

Taxonomy:

See Bergmans (1991) and Simmons (2005: 343).

General distribution:

Rodrigues Isl, Round Isl near Mauritius Isl (Mascarene Isls).

Common names:

Dutch: Rodriguez vliegende hond; German: Rodriguez-Flughund. English: Rodriguez flying fox, Rodrigues Flying Fox. French: Renard volant de l'île de Rodriguez. Spanish: Zorro volador de la isla Rodrigues.

Distribution based on voucher specimens: Mauritius.

Conservation status:

Global- EN (IUCN Conservation Monitoring Centre 1986; 1988; IUCN 1990; Groombridge 1994); CR (Baillie and Groombridge 1996); CR: B1+3d (Mickleburgh *et al.*, 2002: 22); extinct on Round Island. CR B1ac(iv) ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004ai).

U.S. ESA- Endangered.

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Pteropus rufus E. Geoffroy St.-Hilaire, 1803

- *1803. *Pteropus rufus* E. Geoffroy Saint-Hilaire, Cat. Mamm. Mus. nat. Hist. nat., Paris, 47. Type locality: Madagascar: Madagascar. Restricted to North and Central Madagascar by Andersen (1908) (See Peterson *et al.*, 1995: 14).
1810. *Pteropus edwardsii* E. Geoffroy Saint-Hilaire, Ann. Mus. Hist. Nat. Paris, 15: 92. Type locality: Madagascar: Madagascar. Renaming of *P. rufus* E. Geoffroy Saint-Hilaire, 1803 (see G.M. Allen, 1939a: 60). Mentioned as *edwardsi* by Koopman (1993a).
1816. *Pteropus madagascariensis* Oken, Lehrb. Naturg. Jena, 3 (2): 936. Type locality: Madagascar: Madagascar. Renaming of *P. edwardsii* E. Geoffroy Saint-Hilaire, 1810 (see G.M. Allen, 1939a: 60).
1825. *Pteropus phaiops* Temminck, Monogr. Mamm., 1: 178. Type locality: Madagascar: Madagascar.
1908. *Pteropus rufus princeps* K. Andersen, Ann. Mag. nat. Hist., ser. 8, 2 (10): 367. Type locality: Madagascar: Fort-Dauphin. Type specimen: BMNH 1891.11.30.10 (M; see Peterson *et al.*, 1995: 14). Publication date: 1 October 1908.

Taxonomy:

See Bergmans (1991) and Simmons (2005: 343-344). Commonly cited from "E. Geoffroy, 1803. Cat. Mamm. Mus. Nat. Hist. Nat. Paris, p. 47", but this work was never published, see Appendix I. Actually a nomen nudum.

Common names:

English: Madagascan flying fox, Madagascan flying-fox, Red flying fox, Madagascar Fruit Bat, Madagascar Flying Fox. French: Renard volant malgache, Renard volant roux. Spanish: Zorro volador de Madagascar.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); VU A2b+3d ver 3.1 (2001) (IUCN 2004; Participants of CBSG CAMP Madagascar Mammal Workshop 2004).

CITES- Appendix II.

General distribution:

Madagascar.

Viruses:

In Madagascar during 2003 -2004, lehle *et al.* (2007) found the Nipah (NiV), Hendra (HeV) and Tioman viruses, with an overall contamination of 2.3%.



Figure 25. Distribution of *Pteropus rufus*

Distribution based on voucher specimens: Comoro Islands, Madagascar, Unknown country.

Pteropus seychellensis A. Milne-Edwards, 1877

- *1877. *Pteropus seychellensis* A. Milne-Edwards, Bull. Sci. Soc. Philom. Paris, ser. 7, 2: 221. Type locality: Seychelle Islands: Mahe Island.
1880. *Pteropus comorensis* Wallace, Island Life, p. 400. Type locality: Comoro Islands: -. G.M. Allen (1939a: 60) and Simmons (2005) mention J.M. Nicoll, 1908 as author, since the original description by Wallace (1880) is actually a nomen nudum. Type specimens: BMNH 1906.6.3.15 (Syntype); BMNH 1906.6.3.16 (Syntype); BMNH 1906.6.3.14 (Syntype).

Taxonomy:

Hill (1971b: 574) included *aldabrensis*, but we follow Bergmans (1991) and Simmons (2005: 344) who considers this to be a separate species.

Common names:

English: Seychelles flying fox, Seychelles fruit bat. French: Renard volant des Seychelles. Spanish: Zorro volador de las Seychelles.

Conservation status:

Global- VU assessed as *P. s. aldabrensis* (IUCN Conservation Monitoring Centre 1988; IUCN 1990); LR/lc Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004cr).

CITES- Appendix II.

General distribution:

Seychelle Isls, Aldabra Isl, Comoro Isls, Mafia Isl (off Tanzania).

Distribution based on voucher specimens:
Comoro Islands.



Figure 26. Distribution of *Pteropus seychellensis*

Pteropus subniger (Kerr, 1792)

- *1792. *Vespertilio vampyrus subniger* Kerr, In Linnaeus: Animal Kingdom, 1: xvii, 91. Type locality: Mascarene Islands: Réunion Island (France). Publication date: February 1792.
- 1802. *Spectrum rubidum* Daudin, In Buffon: Hist. Nat. Quadrupèdes, Didot ed., 14: 188. The year of publication might not be correct (see G.M. Allen, 1939a: 61).
- 1803. *Pteropus fuscus* Desmarest, Nouv. Dict. Hist. Nat., 19: 544. Type locality: Mascarene Islands: Réunion Island (France): no specific locality. Not of E. Geoffroy Saint-Hilaire, 1803, see G.M. Allen (1939a: 61).
- 1803. *ruber* E. Geoffroy Saint-Hilaire, Cat. Mamm. Mus. nat. Hist. nat., Paris
- 1810. *Pteropus rubricollis* E. Geoffroy Saint-Hilaire, Ann. Mus. Hist. Nat. Paris, 15: 93. Type locality: Réunion: no specific locality.
- 1814. *torquatus* G. Fischer, Zoognosia, 3: 553.
- 1815. *Pteropus collaris* Illiger, Abh. K. Preuss. Akad. Wiss. Berlin, 78, 4. "According to Andersen (1912), it looks like the publication was part of series dated 1804-1811, but actually appeared in 1815 in the section on E. African Islands." Simmons (pers.comm.).
- 1837. *vulgaris* Temminck, Monogr. Mamm.
- ? *Pteropus subniger*: Name combination.

Taxonomy:

See Bergmans (1991) and Simmons (2005: 344).

Common names:

English: Dark flying fox, Lesser Mascarene Flying Fox. French: Petit Renard volant de Mascarene. Spanish: Zorro volador oscuro de Mauricio.

Conservation status:

Global- Ex (IUCN Conservation Monitoring Centre 1988; IUCN 1990; Groombridge 1994; Baillie and Groombridge 1996); EX ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004ct), probably extinct (see Cheke and Dahl 1981).
CITES - Appendix II.

General distribution:

Réunion and Mauritius Isls (Mascarenes Isls).

Distribution based on voucher specimens:

Mauritius, Mozambique, Réunion.



Figure 27. Distribution of *Pteropus subniger*

Pteropus voeltzkowi Matschie, 1909

- *1909. *Pteropus (Spectrum) voeltzkowi* Matschie, Sitzb. Ges. Naturf. Freunde Berlin, p. 486.
 Type locality: Tanzania: Pemba Island: Fufuni. - Publication date: October 1909.
 ? *Pteropus voeltzkowi*: Name combination.

Taxonomy:

See Bergmans (1991) and Simmons (2005: 346).

Common name:

Dutch: Pemba vliegende hond. English: Pemba Flying-fox. French: Renard volant de Pemba. Spanish: Zorro volador de Voeltzkow.

Conservation status:

Global- VU (IUCN Conservation Monitoring Centre 1988); EN (IUCN 1990; Groombridge 1994); CR (Baillie and Groombridge 1996); CR C2a (Mickleburgh *et al.*, 2002: 22). VU D2 ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004cv). CITES - Appendix II.

General distribution:

Pemba Isl (off coast of Tanzania).

Distribution based on voucher specimens:

Tanzania.



Figure 28. Distribution of *Pteropus voeltzkowi*

Genus *Rousettus* Gray, 1821

- *1821. *Rousettus* Gray, London Med. Repos., 15: 299. Type species: *Pteropus Egyptianus* E. Geoffroy Saint-Hilaire, 1810. Not *Pteropus aegyptiacus* Geoffroy, 1818 (see Corbet and Hill, 1992: 67). Publication date: 1 April 1821.
1829. *Cercopteropus* Burnett, Quart. J. Sci., Lit. and Art, pt. 1, art. 5, p. 269. Type species: *Pteropus aegyptiacus* E. Geoffroy Saint-Hilaire, 1818. Publication date: April-June 1829.
1843. *Xantharpyia* Gray, List Spec. Mamm. Brit. Mus., pp. xix, 37. Type species: *Pteropus amplexicaudatus* E. Geoffroy Saint-Hilaire, 1810. Publication date: 13 May 1843.
1844. *Eleutherura* Gray, Mammalia, in Voy. "Sulphur", Zool., 1: 29. Type species: *Pteropus leachii* A. Smith, 1829 (= *Pteropus aegyptiacus* E. Geoffroy Saint-Hilaire, 1810). Preoccupied by *Eleutherura* Gray, 1843; nom. nud. (Meester *et al.*, 1986: 28; Pavlinov *et al.*, 1995: 61). Allen (1939a: 61) indicates that Gray (1843 - List. Spec. Mamm. Brit. Mus., p. xix) is a nomen nudum, but that it is redescribed in the 1844 publication.
1852. *Cynonycteris* Peters, Naturw. Reise Mossamb., Säugethiere, p. 25. Type species: *Pteropus collaris* Liechtenstein [not Illiger] (= *Pteropus aegyptiacus* E. Geoffroy Saint-Hilaire, 1810).
1870. *Senonycteris* Gray, Cat. Monkeys, Lemurs, Fruit-eating Bats Brit. Mus., p. 115. Type species: *Pteropus seminudus* Kelaart, 1850 (= *Pteropus lechenaulti* Desmarest, 1820). Described as subgenus of *Xantharpyia*.
1871. *Stenonycteris* Gray, Cat. Monkeys, Lemurs, Fruit-eating Bats Brit. Mus.. Considered a valid genus by Giannini and Simmons (2003: 504), Lavrenchenko *et al.* (2004: 130), but only a synonym according to Bergmans (1994: 79). Sometimes considered a valid subgenus containing *lanosus*. Allen (1939a: 62), Meester *et al.* (1986: 28), Bergmans (1994: 80), and Kwiecinski and Griffith (1999: 1) assigned this name to *K. Andersen*, Cat. Chiroptera Brit. Mus., 1: 23, 1912.
1879. *Boneia* Jentink, Notes Leyden Mus., 1: 117. Type species: *Boneia bidens* Jentink, 1879. Date: April 1879. Considered a valid (extralimital) subgenus.
1917. *Roussettus*: Lang and Chapin, Bull. Am. Mus. Nat. Hist., 37 (18): xxx. Lapsus. See Bergmans (1994: 82).
1966. *Roussetus*: Brosset, Lapsus. See Bergmans (1994: 82).
1992. *Rossetus*: Agrawal, Das, Chakraborty, Ghose, Mandal, Chakrabo, Zoological Survey of India, State Fauna Series 3: xxx. Lapsus. See Bergmans (1994: 82).

Taxonomy:

Meester *et al.* (1986) mention that the inclusion of *Lissonycteris* as a subgenus of *Rousettus* is open to question. Lawrence and Novick (1963) maintain that *Lissonycteris* should be regarded as a valid genus, more closely related to *Myonycteris* Matschie, 1899, than to *Rousettus*. In this they are followed by Rosevear (1965), Ansell (1978) and Corbet and Hill (1980). Koopman (1975), on the other hand, concludes that although there is a close relationship between *Lissonycteris* and *Myonycteris*, the relationship of *Lissonycteris* with *Rousettus* is sufficiently close for it to be retained as subgenus. Koopman (in Honacki *et al.* 1982) again treats *Lissonycteris* as a subgenus, as is done also by Hayman and Hill (1971). Bronner *et al.* (2003) follow Lawrence and Novick (1963) separated *Lissonycteris* from *Rousettus* because of ethological differences concerning the use of the limbs, and the absence of echolocation in *Lissonycteris*. Juste *et al.* (1997) presented allozyme evidence corroborating earlier

chromosome studies (Haiduk *et al.* 1980, 1981), DNA-hybridisation results (Kirsch *et al.* 1995) and cladistic analysis (Springer *et al.* 1995) that support the recognition of *Lissonycteris* as a distinct genus. See Simmons (2005: 347) for discussion on subgenera.

A key to the species is provided by Kwiecinski and Griffiths (1999: 1, Mammalian Species, 611).

Common names:

English: Rousettes, Rousette Fruit-bats. German: Höhlenflughunde.

Etymology of name:

From the French "*rousette*" for the rosette of glandular hairs on the neck of males (see Flannery, 1995: 304) or from the French "*rousse*" for reddish or reddish brown, referring to the fur colour of the earliest specimens taken in Egypt (see Kwiecinski and Griffiths, 1999: 7).

Rousettus aegyptiacus (E. Geoffroy St.-Hilaire, 1810)

- *1810. *Pteropus Egyptiacus* E. Geoffroy Saint-Hilaire, Ann. Mus. Hist. Nat. Paris, 15: 96. Type locality: Egypt: Giza (Great Pyramid). Originally "la basse Egypte ... le plafond d'une des chambres de la grande Pyramide". See Kwiecinski and Griffith (1999: 1). Type MNHN A.70 (ad F, alcoholic and skull: Qumsiyeh, 1985: 13).
1818. *Pteropus aegyptiacus* E. Geoffroy Saint-Hilaire, Descrip. de l'Egypte, 2: 134, pl. 3, fig. 2. Emendation of *egyptiacus*. Unjustified according to Corbet and Hill (1992: 67), justified according to Kock (2001c).
1823. *Pteropus collaris* Lichtenstein, Verzeichniss der Doubletten des Zool. Mus. K. Univ. Berlin, p. 3, 5. Type locality: Republic of South Africa: "Terra Caffrorum". Preoccupied by *Pteropus collaris* Illiger, 1815; see Kwiecinski and Griffith (1999: 1).
1825. *Pteropus geoffroyi* Temminck, Monogr. Mamm., 1 (5): 197, pl. 15, f. 14, 15. Type locality: Senegal and probably north coast of Africa. Meester *et al.* (1986: 29) mention that the type locality is restricted to Giza, Egypt by Koopman (1975: 361).
1827. *Pteropus amphiplexicaudatus* Temminck, Monogr. Mamm. Type locality: Republic of South Africa: Cape. Probably a lapsus which should be assigned to Roberts (1951: 55) since that author mentions it as "not of Geoffroy", which would probably refer to *amplexicaudatus*.
1829. *Pteropus Leachii* A. Smith, Zool. Journ., 4: 433. Type locality: Republic of South Africa: Gardens about Cape Town. Publication date: May 1829.
1832. *Pteropus hottentottus* Temminck, In Smuts, Enumer. Mamm. Capensium, p. 3. Type locality: South Africa: Cape Province, Cape Town. Mentioned as "*hottentotus*" by Koopman (1993), Simmons (2005), but as *hottentottus* by Allen (1939a: 62), Roberts (1951: 55), Meester *et al.* (1986: 29), Kwiecinski and Griffiths (1999:).
1870. *Eleutherura unicolor* Gray, Cat. Monkeys, Lemurs, Fruit-eating Bats Brit. Mus., p. 117. Type locality: Gabon: "Gaboou". Type specimen: BMNH 1862.8.26.1.
1908. *Rousettus sjöstedtii* Lönnberg, Wiss. Ergebn. Swedischen Zool. Exp. u. Leitung Sjöstedt, Kilimandjaro-Meru, 1: nr 2, p. 7. Type locality: Tanzania: near Tanga, Mkulumusi caves.
1960. *Rousettus aegyptiacus occidentalis* Eisentraut, Bonn. zool. Beitr., 10: 231 (for 1959). Type locality: Cameroon: N side of Cameroon Mountain, Mueli, ca. 600 m [04 23 N 09 07 E]. Type specimen ZFMK 59.450 (ad M, skin and skull, collector Martin Eisentraut, collection date 20 February 1958, original number 648). Publication date: 10 January 1960.
1993. *Rousettus aegyptiacus thomensis* Feiler, Haft and Widmann, Faun. Abh. Staat. Mus. Tierk. Dresden, 19 (4): 22. Type locality: São Tomé and Príncipe: Generosa, Sao Tomé, ca 800 m. Type: MTD 16753 (M, ad, skin and skull; collection date 26 March 1991; 2 paratypes: M + 1; Feiler *et al.*, 1993: 22 - 23).
1993. *Rousettus aegyptiacus tomensis* Juste and Ibáñez, Zool. J. Linn. Soc., 107: 124. Type locality: São Tomé and Príncipe: São Tomé Island, Bindá (Santa Catarina).
1993. *Rousettus aegyptiacus princeps* Juste and Ibáñez, Zool. J. Linn. Soc., 107: 123. Type locality: São Tomé and Príncipe: Príncipe Island, 2 km S of Santoa Antonio de Príncipe, Roca Bela Vista.
- ? *Rousettus aegyptiacus*: Name combination.

Taxonomy:

Corbet and Hill (1992) corrected Geoffroy Saint-Hilaire's spelling of *Rousettus aegyptiacus* to *R. aegyptiacus*, a change endorsed by Koopman (1993: 152), Bergmans (1994). Kock (2001b), however, has presented a detailed and convincing case for regarding *egyptiacus* as an incorrect original spelling and treating *aegyptiacus* as the valid name (Bronner *et al.* 2003). Kock (1969: 16), Qumsiyeh *et al.* (1992: 104) and Horáček *et al.* (2000) state that Geoffroy St.-Hilaire (1818: 134) already corrected the spelling to *aegyptiacus*. Allen (1939a: 62) also indicates that it was a misprint in the 1810

publication, which was corrected in the 1818 publication.

Meester *et al.* (1986) states that while *leachii* is clearly the Southern African subspecies, extending well beyond the limits of this subregion, Hayman and Hill (1971) state that intergradation with *aegyptiacus* may occur in the equatorial zone. Koopman (1975: 361) indicates that in the Sudan there is a hiatus between the ranges of these two sub-species, and he remarks that if they make contact it will be in Ethiopia, north of the equator. See Simmons (2005: 347).

Common names:

Afrikaans: Egiptiese vrugtevelermuis. Arabian: Khafash El Fawakeh, Khafash Masri. Czech: kalon egyptsky. Dutch: Nijlrousettus. English: Egyptian Fruit Bat, Egyptian Rousette, Egyptian Rousette Bat, West African Rousette. French: Rousette égyptienne. Portuguese: Morcego frugivoro do Egípto.

Etymology of name:

The name is derived from the fact that the species was originally described from a specimen from the Great Pyramid of Giza in Egypt (see Smithers, 1983: 63).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004cs).

Regional- South Africa- LC ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

Senegal over Togo and Nigeria (Capo-Chichi *et al.*, 2004: 161) to Egypt (incl. Guinea (Fahr and Ebigo, 2003: 128), Central African Republic (Morvan *et al.*, 1999: 1195), Republic of the Congo (Dowsett *et al.*, 1991: 259), Uganda (Kityo and Kerbis, 1996: 59), São Tomé (Juste and Ibáñez, 1993: 906), Ethiopia (Lavrenchenko *et al.*, 2004: 135), Israel, Jordan, Lebanon, S Syria, Cyprus, and Turkey, over Malawi (Ansell and Dowsett, 1988: 28) south to Zambia (Cotterill, 2004: 260), Zimbabwe (Cotterill, 2004: 260), South Africa; S Iran, Pakistan (and possibly adjoining parts of NW India) to Yemen; adjacent small islands.

Molecular biology:

DNA - Unknown.

Karyotype - $2n = 36$, FN= 66, BA 16, and a submetacentric X chromosome (Dulic and Mutere, 1973, 1977).

Protein / allozyme - Unknown.



Figure 29. Distribution of *Rousettus aegyptiacus*

Distribution based on voucher specimens: Angola, Cameroon, Egypt, Egypt ?, Ethiopia, Kenya, [Mozambique](#), Rwanda, São Tomé and Príncipe, [South Africa](#), Tanzania, Unknown country, Zambia, [Zimbabwe](#).

Rousettus lanosus Thomas, 1906

- *1906. *Rousettus lanosus* Thomas, Ann. Mag. Nat. Hist., ser. 7, 18 (104): 137. Type locality: Uganda: Ruwenzori East, Mubuku Valley, 13,000 ft (3,962 m). Originally "Ruwenzori East at 13,000 ft", but restricted to Mubuku Valley by Hayman *et al.* (1966: 30) (see Bergmans, 1994: 109). Type specimen: BMNH 1906.7.1.2. Publication date: 1 August 1906.
1909. *Rousettus kempfi* Thomas, Ann. Mag. Nat. Hist., ser. 8, 4 (24): 543. Type locality: Kenya: southern slopes Mt. Elgon, Kirui's, Twere, 6,000 ft (2,000 m) [c 00 46 N 34 37 E]. Type specimen: BMNH 1910.4.1.6 (sad M, Rudd collection, collection date 16 September 1909, original number 269). Publication date: 1 December 1909.

Taxonomy:

Revised by Bergmans (1994), but see Simmons (2005: 348).

Common names:

English: Mountain Rousette, Long-haired Rousette, Woolly Rousette, Ruwenzori Long-haired Rousette. French: Rousette à longs poils.

Etymology of name:

From the Greek/Latin? "*lanosus*" for woolly.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004cw).

General distribution:

Uganda (Kityo and Kerbis, 1996: 60), Kenya, Tanzania, S + W(?) Ethiopia (Bergmans, 1994: 79), E Democratic Republic of the Congo, S Sudan, Rwanda (? Bergmans, 1994: 79), Malawi (First record: Bergmans, 1994: 79).

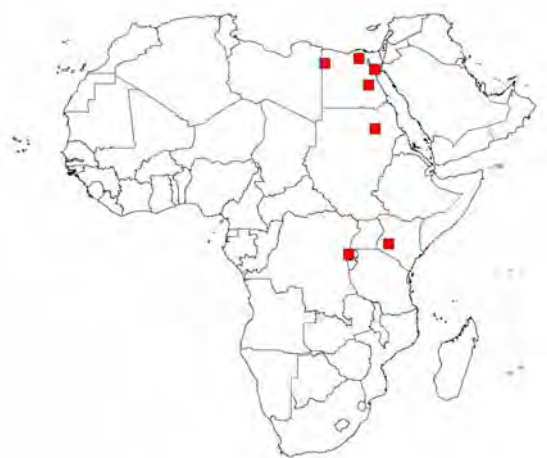


Figure 30. Distribution of *Rousettus lanosus*

Distribution based on voucher specimens: Egypt, Kenya, Rwanda, Sudan, Tanzania, Uganda.

Rousettus madagascariensis G. Grandidier, 1929

- *1929. *Rousettus madagascariensis* G. Grandidier, Bull. Acad. Malgache, (N.S.) 11: 91, pl. 4 text-figs. (skull) (for 1928). Type locality: Madagascar: Beforona, Grand Fôret de l'Est (between Tananarive [=Antananrivo] and Andevoranto, E Madagascar). Type specimen: MCZ 45432 (ad M, body in alcoholic and skull, received from G. Grandidier from the Académie Malgache, collection date: 1917, see Bergmans, 1994: 119; Peterson *et al.*, 1995: 49; Helgen and McFadden, 2001: 141).

Taxonomy:

Considered a subspecies of *lanosus* by Hayman and Hill (1971: 12); but see Bergmans (1977a) and Simmons (2005: 348).

Bergmans (1994: 119) indicates that the year of publication is often cited as 1928, but Tome XI of the Bulletin de l'Académie Malgache, Nouvelle Série, for 1928, in which it appeared, was published in 1929.

Helgen and McFadden (2001: 141) indicate that it might even be published in 1930.

Viruses:

In Madagascar during 2003 -2004, lehle *et al.* (2007) found both the Tioman (TiV) virus, with an overall contamination of 20.0%, but the Nipah (NiV) and Hendra (HeV) viruses were not detected.

Distribution based on voucher specimens:
Madagascar.

Common names:

English: Madagascan Rousette, Madagascar Rousette. French: Roussette de Madagascar.

Conservation status:

Global- LR/nt ver 2.3 (1994).

General distribution:

Madagascar.

Predators:

Goodman and Griffiths (2006) in Madagascar found that *R. madagascariensis* constituted 81.3% of the total biomass predated by the barn owl (*Tyto alba*).

Rousettus obliviosus Kock, 1978

- *1978. *Rousettus (Rousettus) obliviosus* Kock, in Olembo, Castelino, and Mutere: Proc. 4th Int. Bat Res. Conf. Nairobi, p. 208. Type locality: Comoro Islands: Grand Comoro, near Boboni [640 m]. Type specimen: ZFMK 58207 (ad M, collector Voeltzkow, original number 60, collection date 3 August 1903).

Taxonomy:

Considered a valid species by Koopman (1993a: 153), Bergmans (1994: 79), Wilson and Cole (2000: 40), and Simmons (2005: 348), but as a subspecies of *madagascariensis* by Peterson *et al.* (1995: 48).

Common names:

English: Comoro rousette. French: Roussette des Comores.

Conservation status:

Global- LR/nt (Baillie and Groombridge 1996); NT ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004cq).

General distribution:

Comoro Islands.

Distribution based on voucher specimens:

Comoro Islands, South Africa.



Figure 31. Distribution of *Rousettus obliviosus*

Genus **Scotonycteris** Matschie, 1894

- *1894. *Scotonycteris* Matschie, Sitzb. Ges. Naturf. Freunde Berlin, p. 200. Type species: *Scotonycteris zenkeri* Matschie, 1894.

Taxonomy:

Reviewed by Bergmans (1991). See Simmons (2005: 349).

Common names:

English: Harlequin Fruit-bats, Tear-drop Fruit-

bats, West African fruit bats.

Etymology of name:

From "Scoto" meaning darkness and the Greek "nycteris" meaning bat.

Scotonycteris ophiodon Pohle, 1943

- *1943. *Scotonycteris ophiodon* Pohle, Sitzb. Ges. Naturf. Freunde Berlin, p. 76 (for 1942). Type locality: Cameroon: Kribi, Bez, Bipindi [03 06 N 10 30 E]. -
1946. *Scotonycteris ophiodon cansdalei* Hayman, Ann. Mag. Nat. Hist., ser. 11, 12 (95): 766 (for 1945). Type locality: Ghana: Central province, Oda district, Oda [05 55 N 00 56 W]. Type specimen: BMNH 1946.229 (ad F, skin and skull, collector G.S. Cansdale, collection date 24 December 1945, original number 420). Publication date: 19 September 1946.

Taxonomy:

See Simmons (2005: 349).

Common names:

English: Snake-toothed Harlequin Fruit-bat, Pohle's Harlequin Fruit-bat, Snake-toothed Tear-drop Fruit-bat, Pohle's Tear-drop Fruit-bat, Pohle's fruit bat. French: Roussette de Pohle.

Etymology of name:

From "ophiodon" meaning snake-toothed.

Conservation status:

Global- LR/nt (Baillie and Groombridge 1996); EN A4c ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004oc).

General distribution:

Liberia over Côte d'Ivoire (Henry *et al.*, 2004: 24) to Republic of the Congo.

Distribution based on voucher specimens:

Cameroon, Ghana.



Figure 32. Distribution of *Scotonycteris ophiodon*

Scotonycteris zenkeri Matschie, 1894

- *1894. *Scotonycteris zenkeri* Matschie, Sitzb. Ges. Naturf. Freunde Berlin, p. 202. Type locality: Cameroon: Yaunde. -
1904. *Scotonycteris bedfordi* Thomas, Abstr. Proc. Zool. Soc. Lond., 4: 14. Type locality: Equatorial Guinea: Bioko, Fish Town. Type specimen: BMNH 1904.7.1.28 (F, collector: E. Seimund, collection date: 2 January 1904, original number 31) Publication date: 8 March 1904.
1947. *Scotonycteris zenkeri occidentalis* Hayman, Ann. Mag. Nat. Hist., ser. 11, 13 (103): 503 (for 1946). Type locality: Ghana: Oda province, Oda. Type specimen: BMNH 1946.898 (ad F, skin and skull (ex alcoholic), collector G.S. Cansdale, collection date 1946). Publication date: 25 June 1947.

Taxonomy:

See Simmons (2005: 349).

Common names:

English: Zenker's Harlequin Fruit-bat, Zenker's Tear-drop Fruit-bat, Zenker's fruit bat. French: Roussette de Zenker.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); NT ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004bm).

General distribution:

Liberia over Côte d'Ivoire (Henry *et al.*, 2004: 24), Nigeria (Capo-Chichi *et al.*, 2004: 161), to Republic of the Congo and E Democratic Republic of the Congo; Bioko.

Distribution based on voucher specimens:

Cameroon, Equatorial Guinea, Ghana.



Figure 33. Distribution of *Scotonycteris zenkeri*

INFRAORDER RHINOLOPHIFORMACEI

- *? **RHINOLOPHIFORMACEI** The name of the Infraorder is based on *Rhinolophus* Lacépède, 1799 (type of RHINOLOPHIDAE Gray, 1825).
 ? *Yinochiroptera*

Superfamily RHINOLOPHOIDEA

- *? **RHINOLOPHOIDEA** The name of the Superfamily is based on *Rhinolophus* Lacépède, 1799 (type of RHINOLOPHIDAE Gray, 1825).

Family HIPPOSIDERIDAE Lydekker, 1891

1860. *Phyllorrhina* Koch, Pavlinov *et al.* (1995: 75) mention *Phyllorrhina* with a question mark as synonym of Hipposideridae.
 1866. *Rhinonycterina* Gray,
 *1891. *Hipposiderinae* Lydekker, Mammals Living and Extinct, p. 657. Type genus: *Hipposideros* Gray, 1831.
 1941. *Coelopsinae* Tate, Mentioned as a synonym of the Hipposideridae by Pavlinov *et al.* (1995: 84).

Taxonomy:

Considered a subfamily of the Rhinolophidae by Koopman (1993a: 169), Schutt and Simmons (1998: 28), but see Harrison and Bates (1991: 51), Corbet and Hill (1992: 104), Peterson *et al.* (1995: 66), Hutson *et al.* (2001: 16), Simmons (2005: 365), who consider this to be a valid family. Hooper and Van Den Bussche (2003: 10 - 12) suggest that the Hipposideridae might not be monophyletic, with *Triaenops* being different, although they state this might be the result of inadequate sampling.

Common names:

English: Old-World leaf-nosed bat, Trident bats, Leaf-nosed bats. German: Rundblattnasen.
 Norwegian: Rundbladneser, falske hesteskoneser.

Subfamily Hipposiderinae Lydekker, 1891

1860. *Phyllorrhina* Koch, Pavlinov *et al.*, (1995: 75) mentions *Phyllorrhina* with a question mark as synonym of Hipposideridae.
 1866. *Rhinonycteris* Gray,
 *1891. *Hipposiderinae* Lydekker, Mammals Living and Extinct, p. 657. Type genus: *Hipposideros* Gray, 1831.
 1941. *Coelopsinae* Tate, Mentioned as a synonym of the Hipposideridae by Pavlinov *et al.* (1995: 84).

Genus ***Asellia*** Gray, 1838

1838. *Asellia* Gray, Mag. Zool. Bot., 2 (12): 493. Publication date: 1 February 1838. Type species: *Rhinolophus tridens* E. Geoffroy Saint-Hilaire, 1813.

Taxonomy:

Allen (1939a: 78) mentioned that *Asellia* was originally described as subgenus of *Hipposideros*.

Etymology of name:

From the Greek "*asellia*" meaning without saddle, referring to the absence of a sella.

Common names:

English: Lesser Trident Bats, Trident Bats, Trident Leaf-nosed Bats. French: *Asellia*, Chauve-souris à 3 endentures.

Asellia patrizii de Beaux, 1931

- *1931. *Asellia patrizii* de Beaux, Ann. Mus. civ. Stor. nat. Genova, 55: 186. Type locality: Ethiopia: Dancalia, Gaare. Publication date: 6 June 1931.

Taxonomy:

See Simmons (2005).

General distribution:

N Ethiopia and islands in the Red Sea.

Common names:

English: Patrizi's Lesser Trident Bat, Patrizi's trident leaf-nosed bat. French: *Asellia* de Patrizi.

Conservation status:

Global- VU (Baillie and Groombridge 1996); VU D2 ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.* 2004m).

Asellia tridens (E. Geoffroy St.-Hilaire, 1813)

- *1813. *Rhinolophus tridens* E. Geoffroy Saint-Hilaire, Ann. Mus. Hist. Nat. Paris, 20: 260, pl. 5 (Grubb *et al.*, 1998: 82 mention p. 265). Type locality: Egypt: Qena, near Luxor (Kock (1969: 122), Corbet and Hill (1992: 116) and Horáček *et al.* (2000: 98) only mention "Egypt". Kock (1969: 122) also indicates that E. Geoffroy (1818: 127) restricted the type locality to "Grab der Könige (=Theben, Luxor)". Type specimen: MNHN A.235 + 237 (Syntypes: MNHN A.235; ad M, alcoholic (skull not removed); MNHN 237: ad F; alcoholic (skull not removed); see Qumsiyeh (1985: 41)); BMNH 1912.11.14.2. Publication date: 1813.
1881. *Phyllorhina tridens murraiana* Andersen, Catalogue of Mammalia preserved in the Indian Museum Calcutta, Vol. I: 113. type locality: Pakistan: Karachi.
1918. *Asellia tridens diluta* K. Anderson, Ann. Mag. nat. Hist., ser. 9, 2 (10): 375. Type locality: Algeria: Algerian Sahare, El Golea. Type specimen: BMNH 1912.11.14.2 (F, collector Dr. E. Hartert, collection date 16 May 1912, original number 42, presented by Lord Rothschild; see Andersen (1918: 379). Publication date: 1 October 1918.
1931. *Asellia tridens italosomalica* de Beaux, Ann. Mus. civ. Stor. nat. Genova, 55: 190. Type locality: Somalia: Oddur. Publication date: 6 June 1931.
1937. *Asellia tridens pallida* Laurent, Mammalia, 1: 111. Type locality: Morocco: Anti Atlas, Oued Tata.
- ? *Asellia tridens*: Name combination.

Taxonomy:

Simmons (2005: 366) assigned *A. tridens diluta* to J. Anderson (1881), which would make this form Asian. However, no description is found in J. Anderson's publication, but a description is found in Andersen (1918: 379). Therefore it is suggested that *diluta* be assigned to Anderson 1918 and not 1881.

Molecular biology:

DNA - Unknown.

Karyotype - Baker *et al.* (1974) reported 2«n» = 50, FN = 60, a subtelocentric X chromosome and an acrocentric Y chromosome. Baker *et al.* (1975) reported BA = 14.

Protein / allozyme - Unknown.

Common names:

English: Geoffroy's Lesser Trident Bat, Trident Leaf-nosed Bat, Trident bat. French: *Asellia* à trois endentures, Chauve-souris trident, Trident. German: Dreizackblattnase.

Etymology of name:

So named because of the three-pronged process at the top of the nose-leaves and noticeably short ears (Taylor 2005).

Conservation status:

Global- LR/Lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.* 2004).

General distribution:

Pakistan over Afghanistan, Iraq, Iran, Syria to Saudi Arabia, Yemen, Oman, Sinai peninsula (NE Egypt) and Israel and Jordan; Egypt over S Libya (Horáček *et al.*, 2000: 99), Tunisia (Horáček *et al.*, 2000: 99), Algeria (Horáček *et al.*, 2000: 99) to Morocco, Senegal, Gambia (Kock *et al.*, 2002: 86), Chad, Sudan, Ethiopia (Lavrenchenko *et al.*, 2004: 147), and S Somalia; Socotra (Yemen); perhaps Zanzibar.

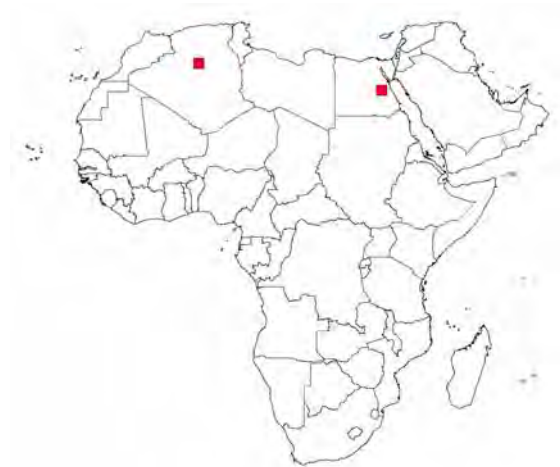


Figure 34. Distribution of *Asellia tridens*

Distribution based on voucher specimens:
Algeria, Egypt, Unknown country.

Genus *Cloeotis* Thomas, 1901

- *1901. *Cloëotis* Thomas, Ann. Mag. nat. Hist., ser. 7, 8 (43): 28. Publication date: 1 July 1901.
 Type species: *Cloëotis percivali* Thomas, 1901.
 ? *Cloëotis*: Current spelling.

Taxonomy:
 Reviewed by Hill (1982).

Etymology of name:
 From "*cloëotis*" meaning short-eared.

Common names:
 English: Short-eared Trident Bats, Short-eared Bats, African Trident Bats, African Trident-nosed Bats, Trident-nosed Bats.

Cloeotis percivali Thomas, 1901

- *1901. *Cloëotis Percivali* Thomas, Ann. Mag. Nat. Hist., ser. 7, 8 (43): 28. Type locality: Kenya: Coast Prov., N of Mombasa, Takaungu. Type specimen: BMNH 1901.5.1.11 (Holotype, M, presented by Mr. A.B. Percival, collection date: 15 February 1901). Publication date: 1 July 1901.
 1917. *Cloëotis percivali australis* Roberts, Ann. Transv. Mus., 5: 264. Type locality: Republic of South Africa: W Transvaal, Rustenburg district, Mooimeisiesfontein [25 01S 27 37E]. Type specimen: TM 1690 (Holotype: ad F, skin and skull, collector: W. Powell, collection date: 28 May 1915) Publication date: 16 May 1917. Considered a valid subspecies by Taylor (1998: 41).
 ? *Cloeotis percivali*: Current spelling.

Taxonomy:
 Meester *et al.*, (1986: 43 - 44) recognized two subspecies *percivali* and *australis*.

Conservation status:
 Global- LR/nt (Baillie and Groombridge 1996); VU A2bc+A3bc, C1 ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004ac).
 Regional- South Africa- Indeterminate (Smithers 1986); CR A2a ver 3.1 (2001) (Friedmann and Daly 2004). Swaziland- DD ver 3.1 (2001) (Monadjem *et al.*, 2003).

General distribution:
 Kenya, Tanzania, S Democratic Republic of the Congo, Mozambique, Zambia, Zimbabwe, SE Botswana; South Africa (incl. Swaziland, Transvaal, N KwaZulu Natal (Seamark, 2005a: 3)).

Echolocation:
 See Taylor (1999).

Molecular biology:
 DNA - Unknown.
 Karyotype - $2n = 40$ (Rautenbach *et al.*, 1993).
 Protein / allozyme - Unknown.

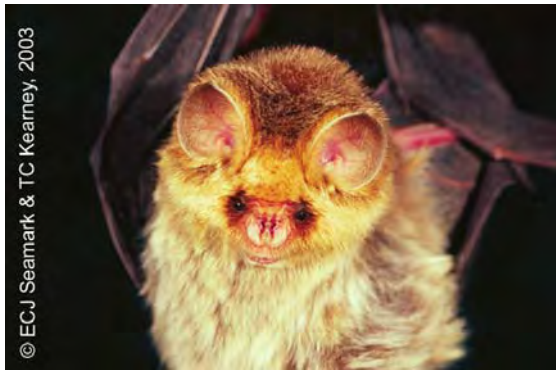


Figure 35. *Cloeotis percivali*

Common names:
 Afrikaans: Drietand-bladneusvlermuis. English: Percival's Short-eared Trident Bat, Percival's trident bat, Short-eared Trident Bat, African Trident Bat, East African trident bat. French: Asellia d'Afrique orientale, Phyllorine à petites oreilles. Portuguese: Morcego tridentado. SiSwati- Lilulwane.

Etymology of name:
 In honour of Mr. A.B. Percival, collector of the type specimen.



Figure 36. Distribution of *Cloeotis percivali*

Distribution based on voucher specimens:
Congo (Democratic Republic of the), Kenya,
South Africa, Swaziland, Zambia, Zimbabwe.

Genus *Hipposideros* Gray, 1831

- *1831. *Hipposideros* Gray, Zool. Misc., 1: 37. Publication date: 1831. Type species: *Vespertilio speoris* Schneider, 1800.
1834. *Hipposiderus* Gray, Proc. zool. Soc. Lond., 1834, II (xviii): 53. Publication date: 26 September 1834. Unjustified emendation (see Meester *et al.*, 1986: 41; Pavlinov *et al.*, 1995: 84; Decher and Fahr, 2005: 1).
1837. *Phyllorhina*: Bonaparte, Iconogr. Fauna ital., 1, fasc. 21: 3. Type species: *Rhinolophus diadema* E. Geoffroy Saint Hillaire, 1813. Publication date: 1837. Preoccupied by *Phyllorhina* Leach, 1816 (see Pavlinov *et al.*, 1995: 84; although they do not explicitly mention its preoccupation). Allen (1939a: 79) indicated that it was described as a subgenus of *Rhinolophus*.
1866. *Chrysonycteris* Gray, Proc. zool. Soc. Lond., 1866, I: 82. Publication date: May 1866. Type species: *Hipposideros fulvus* Gray, 1838.
1866. *Gloionycteris* Gray, Proc. zool. Soc. Lond., 1866, I: 82. Publication date: May 1866. Type species: *Rhinolophus armiger* Hodgson, 1835.
1866. *Macronycteris* Gray, Proc. zool. Soc. Lond., 1866, I: 82. Publication date: May 1866. Type species: *Rhinolophus gigas* Wagner, 1845.
1866. *Rhinophylla* Gray, Proc. zool. Soc. Lond., 1866, I: 82. Publication date: May 1866. Type species: *Phyllorhina labuanensis* Tomes, 1859. Preoccupied by *Rhinophylla* Peters, 1965 (see Pavlinov *et al.*, 1995: 84).
1866. *Speorifera* Gray, Proc. zool. Soc. Lond., 1866, I: 82. Publication date: May 1866. Type species: *Rhinolophus vulgaris* Horsfield, 1823 (= *Rhinolophus larvatus* Horsfield).
1871. *Cyclorhina* Peters, Monatsb. k. preuss. Akad. Wiss. Berlin, p. 326. Publication date: 1871. Type species: *Phyllorhina obscura* Peters, 1861 and *Phyllorhina doriae* Peters, 1871. Meester *et al.* (1986: 42) retain only *Phyllorhina obscura* Peters as type species, by subsequent designation by Tate (1941: 354).
1871. *Doryrhina* Peters, Monatsb. k. preuss. Akad. Wiss. Berlin, p. 314 (Grubb *et al.* (1998: 79) mention p. 324). Publication date: 1871. Type species: *Phyllorhina cyclops* Temminck, 1853.
1871. *Ptychorhina* Peters, Monatsb. k. preuss. Akad. Wiss. Berlin, p. 325. Publication date: 1871. Type species: *Rhinolophus caffer* Sundevall, 1846.
1871. *Sideroderma* Peters, Monatsb. k. preuss. Akad. Wiss. Berlin, p. 324. Publication date: 1871. Type species: *Phyllorhina fuliginosa* Temminck, 1853.
1871. *Syndesmotus* Peters,
1871. *Syndesmotis* Peters, Monatsb. k. preuss. Akad. Wiss. Berlin, p. 329. Publication date: 1871. Type species: *Phyllorhina megalotis* Heuglin, 1862.
1871. *Thyreorhina* Peters, Monatsb. k. preuss. Akad. Wiss. Berlin, p. 327. Publication date: 1871. Type species: *Phyllorhina coronata* Peters, 1871.
1902. *Syndesmotus* Waterhouse, Objective synonym of *Syndesmotis* Peters, 1871 (see Simmons, 2005).

Taxonomy:

For review of the genus see Hill (1963a), on which the above synonymy and the treatment that follows are largely based, followed by Meester *et al.* (1986); Koopman (1993a: 170). Hill (1963a), recognizes seven species groups, five are recognized in Africa *speoris*, *bicolor*, *cyclops*, *commersoni*, *megalotis* (Simmons 2005: 367-379).

Common names:

English: Leaf-nosed Bats, Leafnosed Bats, Roundleaf Bats.

Etymology of name:

From the Greek "*hippos*" for horse and "*sideros*" for iron (=horse-iron, horseshoe), an allusion to the shape of the noseleaf.

Distribution based on voucher specimens:

Namibia, South Africa, Swaziland.

Hipposideros abae J.A. Allen, 1917

- *1917. *Hipposideros abae* J.A. Allen, Bull. Am. Mus. Nat. Hist., 37 (18): 432. Type locality: Democratic Republic of the Congo: Oriental, Uele district, Aba. Type specimen: AMNH 49123 (ad M, skin and skull, collector: Herbert Lang and James P. Chapin (American Museum Congo Expedition), collection date: 13 December 1911, original number 1715). Publication date: 29 September 1917.
- ? *Hipposideros abae*: Current spelling.

Taxonomy:

Simmons (2005: 367) places it in the *speoris* species group.

Common names:

English: Aba roundleaf bat, Aba Leaf-nosed Bat.
French: Phyllorine d'Aba.

Etymology of name:

Referring to the locality where the type specimen was collected (Aba).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); NT ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004bs).

General distribution:

Guinea-Bissau to SW Sudan and Uganda (Kityo and Kerbis, 1996: 61; Simmons 2005: 367).

Distribution based on voucher specimens:

Congo (Democratic Republic of the).



Figure 37. Distribution of *Hipposideros abae*

Hipposideros beatus (K. Andersen, 1906)

- *1906. *Hipposideros beatus* K. Andersen, Ann. Mag. nat. Hist., ser. 7, 17 (99): 279. Type locality: Equatorial Guinea: Rio Muni, 15 mi (24 km) from Benito River. Type specimen BMNH 1900.2.5.45 (ad F, alcoholic, collector G.L. Bates, collection date February 1899). Publication date: 1 March 1906.
1957. *Hipposideros beatus maximus* Verschuren, Explor. Parc natl. Garamba, 7: 365. Type locality: Democratic Republic of the Congo: Garamba Nat. Park, Source area of Pidigala-Nord.
- ? *Hipposideros beatus*: Name combination.

Taxonomy:

Simmons (2005: 368) places it in the *bicolor* species group.

Common names:

English: Benito roundleaf bat, Benito leaf-nosed bat, Dwarf Leaf-nosed Bat. French: Phyllorine de Benito.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004ck).

General distribution:

Guinea-Bissau, Sierra Leone, Liberia, Ghana, Ivory Coast, Nigeria, Cameroon, Rio Muni (Equatorial Guinea), Gabon, N Democratic Republic of the Congo.

Hipposideros caffer (Sundevall, 1846)

- *1846. *Rhinolophus caffer* Sundevall, Öfvers. K. Svenska Vet.-Akad. Forh. Stockholm, 3 (4): 118. Type locality: Republic of South Africa: Natal, near Port Natal [=Durban] (originally: "Circa Port-Natal inventus"). Type specimen: BMNH 1849.11.22.11 (Syntype, skin) and BMNH 1846.6.2.16.1(skull) (Cotype from Stockholm Museum, labeled "*Hipposideros caffer typicus*" locality Natal). Publication date: 1846.
1852. *Phyllorhina caffra* Peters, Naturw. Reise Mossamb., Säugethiere. Publication date: 1852.
1852. *Phyllorhina gracilis* Peters, Naturw. Reise Mossamb., Säugethiere, p. 36, pl. 7, fig. 1 - 4; pl. 13 fig. 14-15. Type locality: Mozambique: Lower Zambesi River, Tette. - Publication date: 1852.
1861. *Phyllorhina bicornis* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 29 (8): 4, 7. Type locality: Eritrea: Kérén [c 15 45 N 38 20 E]. - (Meester *et al.* (1986: 43) mentioned it as *Phyllorhina bicornis*.)
1898. *Phyllorhina angolensis* Seabra, J. Sci. mat. Phys. Nat., Lisboa, ser. 2, 5: 256. Type locality: Angola: Rio Coroca (Meester *et al.* (1986: 43) indicate "Benguela, Angola, restricted by Hill and Carter (1941: 40), who point out that the name is based on four specimens from Benguela, housed in the Museu Bocage, Lisbon, and one from Rio Coroca, Angola, in the British Museum (Natural History). Koopman (in litt.) points out that as the Museu Bocage had been destroyed by fire the Rio Coroca specimen may be the only remaining of the type series."). Type specimen: BMNH 1906.1.3.2 (Syntype). Publication date: December 1898.
1906. *Hipposiderus tephros* Cabrera, Bol. R. Soc. esp. Hist. nat., 6: 358. Type locality: Morocco: Mogador. Type specimen: MNCN 110 (ad M). Publication date: July 1906.
1917. *Hipposideros nanus* J.A. Allen, Bull. Am. Mus. Nat. Hist., 37 (18): 434. Type locality: Democratic Republic of the Congo: E Congo, Uele district, Faradje. Type specimen: AMNH 49426 (ad F, alcoholic, collector: Herbert Lang and James P. Chapin (American Museum Congo Expedition), collection date: 24 September 1912 [Allen (1917: 434) erroneously mentioned 24 October 1912, see Goodwin (1953: 245)], original number 1689). Publication date: 29 September 1917.
1924. *aurantiaca* de Beaux, ?
1939. *Hipposideros braima* Monard, Arq. Mus. Bocage, Lisboa, 10: 73. Type locality: Guinea Bissau: Bagingarà [12 35 N 14 28 W]. Type specimen: ? (ad F, nr 602). Publication date: March 1939.
1965. *Hipposideros braimah* Rosevear, Bats West Africa, 221, 226. Lapsus for braima Monard, 1939 (see Kock, 1969: 130).
- ? *Hipposideros caffer*: Name combination.

Taxonomy:

Meester *et al.* (1986) state that further extralimital [to Southern Africa] subspecies may include *centralis* Andersen, 1906, *tephros* Cabrera, 1906, *nanus* J.A. Allen, 1917 (Koopman 1975), and also *guineensis* Andersen, 1906, and *niapu* J.A. Allen, 1917 (Hill 1963). Most recent authors appear to regard *ruber* Noack, 1893, as a separate species (Kock 1969, Hayman and Hill 1971, Ansell 1978, Corbet and Hill 1980, Koopman in Honacki *et al.* 1982). Although Hill (1963) and Koopman (1975) regard *ruber* as only subspecifically distinct from *caffer*. Simmons (2005: 368) places *H. caffer* within the *bicolor* species group.



Figure 38. *Hipposideros caffer* (yellow form)



Figure 39. *Hipposideros caffer* (brown form)

Common names:

Afrikaans: Sundevall se bladneusvlermuis, Sundevall-bladneusvlermuis, Kaapse Blaarneusvlermuis. English: Sundevall's Leaf-nosed Bat, Common African Leaf-nosed Bat, Lesser Leaf-nosed bat, Sundevall's roundleaf bat, Cape Leaf-nosed bat, Sundevall's African Leaf-nosed Bat. French: Phyllorine de cafrérie, Phyllorine de Sundevall, Rhinolophe de Cafrerie. Portuguese: Morcego de nariz enfolhado da cafraria.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004au).

Regional- South Africa- DD ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

Most of subsaharan Africa (incl. Gambia (Emms and Barnett, 2005: 50), Guinea (Fahr and Ebigo, 2003: 128, as "*Hipposideros cf. caffer*"), Benin (Capo-Chichi *et al.*, 2004: 162), Senegal; Republic of the Congo (Dowsett *et al.*, 1991: 259), Uganda (Kityo and Kerbis, 1996: 61), Zambia (Cotterill, 2002: 5), Zimbabwe, Namibia, Botswana, Angola (Cotterill, 2004: 261)) except the central forested region; Morocco; Mauritania (Padial and Ibáñez, 2005: 240); Ethiopia (Lavrenchenko *et al.*, 2004: 133); SW Saudi Arabia, Yemen, Zanzibar and Pemba.

Echolocation:

See Pye (1972), O'Shea and Vaughan (1980), Fenton (1986), Jones *et al.*, (1993), Taylor (1999) and Taylor *et al.*, (2005).

Molecular biology:

DNA - Unknown.

Karyotype - Dulic and Mutere (1973), Peterson and Nagorsen (1975) and Rautenbach *et al.*, (1993) all reported $2n=32$, $FN=60$, and $BA=30$. Peterson and Nagorsen (1975) and Rautenbach *et al.*, (1993) also agreed on an acrocentric Y chromosome. However, Dulic and Mutere (1973)

reported a metacentric X chromosome, Peterson and Nagorsen (1975) reported a subtelocentric X chromosome, and Rautenbach *et al.*, (1993) reported a submetacentric X chromosome. Protein / allozyme - Unknown.



Figure 40. Distribution of *Hipposideros caffer*

Distribution based on voucher specimens:

Angola, Botswana, Cameroon, Congo (Democratic Republic of the), Equatorial Guinea, Eritrea, Ethiopia, Ghana, Guinea, Kenya, Morocco, Mozambique, Namibia, Rwanda, São Tomé and Príncipe, Somalia, South Africa, Sudan, Swaziland, Tanzania, Unknown country, Zambia, Zimbabwe.

Hipposideros camerunensis Eisenbraut, 1956

- *1956. *Hipposideros camerunensis* Eisenbraut, Zool. Jahrb. Abt. Syst. Oekol. Geogr. Tiere, 84: 526, fig. 6 - 8. Type locality: Cameroon: near Buea. Type specimen ZFMK 79.138 (ad F, collector Martin Eisenbraut, collection date 28 April 1954, original number 506, exchanged from SMNS in 1979, catalog number 5196) Publication date: 27 December 1956.

Taxonomy:

Simmons (2005: 369) as part of the *cyclops* species group.

Common names:

English: Cameroon Leaf-nosed Bat, Greater roundleaf bat, Greater Cyclops, Eisenbraut's leaf-nosed bat. French: Phyllorine du Cameroun, Phyllorine d'Eisenbraut

Etymology of name:

Referring to the country where the type specimen was collected (Cameroon).

Conservation status:

Global- LR/nt (Baillie and Groombridge 1996); DD ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004cy).

General distribution:

Cameroon, E Democratic Republic of the Congo, W Kenya.

Distribution based on voucher specimens:

Cameroon.



Figure 41. Distribution of *Hipposideros camerunensis*

Hipposideros commersoni (E. Geoffroy St.-Hilaire, 1813)

- *1813. *Rhinolophus commersoni* E. Geoffroy Saint-Hilaire, Ann. Mus. Hist. Nat. Paris, 20: 263. Type locality: Madagascar: Fort Dauphin. Publication date: 1813.
1845. *Rhinolophus gigas* Wagner, Arch. Naturgesch. Berlin, 11 (1): 148. Type locality: Angola: Benguela. Publication date: 1845.
1852. *Phyllorhina vittata* Peters, Naturw. Reise Mossamb., Säugethiere, p; 32, pl. 6; pl. 13, fig 7 - 13. Type locality: Mozambique?: Cap Delgado group, Ibo Island [12 20 S]. - Publication date: 1852.
1887. *Phyllorhina commersonii* var. *marungensis* Noack, Zool. Jahrb., Syst., 2 (2): 272, pl. 10, fig 31 - 33. Type locality: Democratic Republic of the Congo: W Shore Lake Tanganyika, Marungu, Qua Mpala (=Mpala, =Pala) [06 43 S 29 31 E]. Ansell and Dowsett (1988: 34) refer to Hayman and Hill (1971: 28) who indicate that *marungensis* may be antedated by *vittata* Peters, 1852. Publication date: 7 May 1887.
1891. *Phyllorhina commersoni* var. *thomensis* Bocage, J. Sci. mat. phys. nat., Lisboa, ser. 2, 2: 88. Type locality: São Tomé and Príncipe: São Tomé island. Publication date: September 1891.
1904. *Hipposideros Commersoni mostellum* Thomas, Ann. Mag. Nat. Hist., ser. 7, 13 (77): 385. Type locality: Kenya: Tana River. Type specimen: BMNH 1889.3.8.3 (Holotype, ad M, skin and skull, presented by H.C.V. Hunter, Esq.). Publication date: 1 May 1904.
1906. *H[ipposiderus]. gigas gambiensis* K. Andersen, Ann. Mag. nat. Hist., ser. 7, 17 (97): 42. Type locality: Gambia: Gambia. Type specimen: BMNH 1842.9.27.36 (ad F, alcohol, presented by the Earl of Derby). Publication date: 1 January 1906.
1917. *Hipposideros gigas niangarae* J.A. Allen, Bull. Am. Mus. Nat. Hist., 37 (18): 438, pl. 51, fig. 1. Type locality: Democratic Republic of the Congo: Uele district, Niangara. Type specimen: AMNH 49103 (ad F, skin and skull, collector: Herbert Lang and James P. Chapin (American Museum Congo Expedition), collection date: 2 June 1913, original number 2069). Publication date: 29 September 1917.
1939. *Hipposideros gigas viegasi* Monard, Arq. Mus. Bocage, Lisboa, 10: 70. Type locality: Guinea Bissau: Madina Boé [11 45 N 14 13 W - RMCA records]. Type specimen: RMCA 15305 (M, skin and skull, collector Monard, collection date 09/03/1939, original number 925); RMCA 15306 (F, skin and skull, collector Monard, original number 916). NMBE 5266/9283 (M, original number 915); NMBE 5267/9284 (F, collection date 9 March 1938, original number 908). Monard (1939: 70) mentions a series of 19 specimens (nrs 908 to 926 and 14 skulls). Publication date: March 1939.
- ? *Hipposideros commersoni*: Name combination.

Taxonomy:

Simmons (2005: 369, 372, 377) restricts *H. commersoni* to Madagascar, and assigns *H. gigas*, *H. vittatus* (including *marungensis*) and *H. thomensis* as the mainland forms based on morphology and echolocation differences. Meester *et al.* (1986) state that Hayman and Hill (1971) note that *marungensis* may be antedated by *vittata* Peters, 1852, from Ibo Island, which is more often regarded as a synonym of the subspecies *gigas* Wagner, 1845 (Allen 1939a, Ellerman *et al.* 1953, Hill 1963).

We retain *H. commersoni* until published material is available for review.

Common names:

Afrikaans: Commerson se bladneusvlermuis, Commerson-bladneusvlermuis, Commersonse Blaarneusvlermuis. English: Commerson's Leaf-nosed Bat, Giant Leaf-nosed Bat, Commerson's roundleaf bat. French: Chauve-souris de Commerson à nez feuillu, Phyllorine de

Commerson. Portuguese: Morcego de nariz enfolhado de commerson.

Etymology of name:

Geoffroy's description was based on drawings and notes found among Commerson's papers, after whom Geoffroy named this species (see Smithers 1983: 133, Taylor 2005).

Conservation status:

Global- Not assessed (IUCN 2004). Assessed *Hipposideros gigas* LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004an). Assessed *Hipposideros marungensis* NT ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.* 2004bb). Assessed *Hipposideros thomensis* NT ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004cx). Regional- South Africa- Indeterminate (Smithers 1986); considered a vagrant not assessed, single locality (Friedmann and Daly 2004).

General distribution:

Gambia over Benin (Capo-Chichi *et al.*, 2004: 162), Central African Republic (Lunde *et al.*, 2001: 537), Republic of the Congo (Dowsett *et al.*, 1991: 259) to Ethiopia, south to Angola, Zambia, Zimbabwe, Namibia, Botswana, Transvaal (South Africa), Malawi (Happold and Happold, 1997: 818) and Mozambique; Madagascar; adjacent small islands; Saõ Tomé.

Echolocation:

See Taylor (1999).

Molecular biology:

DNA - Unknown.

Karyotype - $2n = 52$, FN = 60?, and BA = 10? (Rautenbach, *et al.*, 1993).

Protein / allozyme - Unknown.

Predation:

Goodman and Griffiths (2006) in Madagascar found that *H. commersoni* comprised 0.6% of the total biomass predated by the barn owl (*Tyto alba*).

In February 2005 Goodman (2006) in south-western Madagascar observed local people extensively hunting *H. commersoni*, this coincided with the onset of famine in the region.



Figure 42. Distribution of *Hipposideros commersoni*

Distribution based on voucher specimens:

Angola, Botswana, Cameroon, Chad?, Congo (Democratic Republic of the), Ethiopia, Guinea-Bissau, Kenya, Madagascar, Mozambique, Namibia, Réunion, Rwanda, South Africa, Sudan, Tanzania, The Gambia, Unknown country, Zambia, Zimbabwe.

***Hipposideros curtus* G.M. Allen, 1921**

*1921. *Hipposideros curtus* G.M. Allen, Rev. Zool. Afr., 9: 194. Type locality: Cameroon: Littoral, Sakbayeme. Type specimen: MCZ 19305 (Holotype, ad F, body in alcohol, collector: G. Schwab, 1920; see Helgen and McFadden (2001: 142)). Publication date: December 1921.

1937. *Hipposideros sandersoni* Sanderson, Animal Treasure, p. 290 (fig.), p. 296 ("bluish-grey and small"). Type locality: Nigeria: near Mamfe. Publication date: September 1937.

Taxonomy:

Simmons (2005: 370) placed it as part of the *bicolor* species group. Includes *sandersoni* (Hill 1963a: 60).

Common names:

English: Short-tailed Leaf-nosed Bat, Short-tailed roundleaf bat. French: Phyllorine à queue courte.

Conservation status:

Global- LR/nt (Baillie and Groombridge 1996); VU A3c ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004db).

General distribution:

Cameroon, Bioko, perhaps Nigeria.

Distribution based on voucher specimens:

Cameroon.



Figure 43. Distribution of *Hipposideros curtus*

Hipposideros cyclops (Temminck, 1853)

- *1853. *Phyllorhina cyclops* Temminck, Esquisses zool. Côte de Guinée, p. 75. Type locality: Ghana: "sur la rivière Boutry, côte de Guinée" (=Butry River). Publication date: 1853.
1897. *Rhinolophus micaceus* de Winton, Ann. Mag. Nat. Hist., ser. 6, 20 (120): 524. Type locality: Gabon: 75 mi (112.5 km) from Gaboon, Como River. Type specimen: BMNH 1897.12.1.7 (Holotype, F, collector G.L. Bates, collection date 6 July 1897, original number: GLB 230, notes: Smoked out of hollow tree. Fang name- angon). Publication date: 1 December 1897.
1899. *Hipposideros cyclops*: de Winton, Ann. Mag. nat. Hist., ser. 7, 4 (23): 354. Publication date: 1 November 1899. Name combination.
1917. *Hipposideros langi* J.A. Allen, Bull. Am. Mus. Nat. Hist., 37 (18): 434, text-fig. 4 - 6. Type locality: Democratic Republic of the Congo: NE Congo, Oriental province, Avakubi. Type specimen: AMNH 49098 (ad M, skin and skull, collector: Herbert Lang and James P. Chapin (American Museum Congo Expedition), collection date: 24 January 1914, original number 2481). Publication date: 29 September 1917.

Taxonomy:

Simmons (2005: 370) in the *cyclops* species group. See Decher and Fahr (2005, Mammalian Species, 763).

Common names:

English: Cyclops Leaf-nosed Bat, Cyclops roundleaf bat, Cyclops Bat. French: Phyllorine des Cyclopes.

Etymology of name:

Refers to the one-eyed giants of Greek mythology and alludes to the orifice in the center of the forehead of these bats (see Rosevear, 1965 in Decher and Fahr, 2005: 4).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004cn).

General distribution:

From southern Senegal through Gambia, Guinea Bissau, Guinea, Sierra Leone, Liberia, Côte d'Ivoire, Ghana, Togo, Benin to Nigeria; Cameroon, Equatorial Guinea (Rio Muni and Bioko), Gabon, Central African Republic, Republic of the Congo, Democratic Republic of the Congo, S Sudan; Uganda, Kenya, Tanzania (coastal forests and Eastern Arc Mountains) (Decher and Fahr, 2005: 3).



Figure 44. Distribution of *Hipposideros cyclops*

Distribution based on voucher specimens: Cameroon, Congo (Democratic Republic of the), Gabon.

Hipposideros fuliginosus (Temminck, 1853)

- *1853. *Phyllorhina fuliginosa* Temminck, Esquisses zool. Côte de Guinée, p. 77. Type locality: Ghana: no specific locality. (Allen (1939a: 81) mentioned it as "La côte de Guinée". Grubb *et al.* (1998: 79) mention 'Type locality: "La Côte de Guinée'. Jentink (1888b: 167) gave it as 'Côte d'Or, Pays des Aschantes.'). Publication date: 1853.
- ? *Hipposideros fuliginosus*: Name combination.

Taxonomy:

Simmons (2005: 371) as part of the *bicolor* species group.

Common names:

English: Sooty Leaf-nosed Bat, Sooty roundleaf bat, Dusky leaf-nosed bat. French: Phyllorine sombre.

Conservation status:

Global- LR/nt (Baillie and Groombridge 1996); NT ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004da).

General distribution:

Liberia, Guinea (Fahr and Ebigbo, 2003: 128) to Democratic Republic of the Congo and Ethiopia.

Distribution based on voucher specimens:

Cameroon, Ghana, Tanzania.



Figure 45. Distribution of *Hipposideros fuliginosus*

Hipposideros jonesi Hayman, 1947

- *1947. *Hipposideros jonesi* Hayman, Ann. Mag. Nat. Hist., ser. 11, 14 (109): 71. Type locality: Sierra Leone: Makeni [08 57 N 12 02 W]. Type specimen: BMNH 1947.629 (ad F, alcoholic and skull, collector Mr. T.S. Jones, collection date 12 December 1946, original number 42). Publication date: 19 November 1947.

Taxonomy:

Simmons (2005: 373) as part of the *bicolor* species group.

Common names:

English: Jones' Leaf-nosed Bat, Jones's roundleaf bat, Western Africa leaf-nosed bat.
French: Phyllorine d'Afrique occidentale.

Etymology of name:

In honour of Mr. T.S. Jones, the collector of the type specimen.

Conservation status:

Global- LR/nt (Baillie and Groombridge 1996); NT ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004bt).

General distribution:

Sierra Leone and Guinea to Mali, Burkina Faso and Nigeria.

Distribution based on voucher specimens:

Cameroon, Sierra Leone.



Figure 46. Distribution of *Hipposideros jonesi*

Hipposideros lamottei Brosset, 1985

- *1985. *Hipposideros lamottei* Brosset, Mammalia, 48 (4): 548 (for 1984). Type locality: Guinea: Mt. Nimba, Pierre Richaud [07 41 N 08 22 W]. Type specimen: MNHN CG 1984-487 (ad M, collector André Brosset and P. Richaud, collection date December 1983; 4 cotypes MNHN CG 1984-488, 489). Publication date: 1985.

Taxonomy:

Simmons (2005: 373) *bicolor* species group. Distinction from *H. ruber* is not entirely clear (Koopman 1993a: 173; Simmons 2005: 373).

Common names:

English: Lamotte's Leaf-nosed Bat, Lamotte's roundleaf bat, Mount Nimba leaf-nosed bat. French: Phyllorine du Mont Nimba.

Conservation status:

Global- DD (Baillie and Groombridge 1996); CR B1ab(iii) ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004bu).

General distribution:

Mt. Nimba on Guinea-Liberia border, but probably more widespread.

Distribution based on voucher specimens:

Guinea.



Figure 47. Distribution of *Hipposideros lamottei*

Hipposideros marisae Aellen, 1954

- *1954. *Hipposideros marisae* Aellen, Rev. Suisse Zool., 61 (24): 474. Type locality: Côte d'Ivoire: Duékoué, White Leopard Rock (Original: roche de la Panthère Blanche). Type specimen (ad M, orig nr 400, collection date: 13 May 1953).

Taxonomy:

Simmons (2005: 374) includes it as part of the *bicolor* species group.

Common names:

English: Marisa's Leaf-nosed Bat, Aellen's Leaf-nosed Bat, Aellen's roundleaf bat. French: Phyllorine d'Aellen.

Etymology of name:

In honour of Mrs. Aellen (Aellen, 1954: 474).

Conservation status:

Global- VU (Baillie and Groombridge 1996); EN A4c ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004bv).

General distribution:

Côte d'Ivoire, Liberia, Guinea.

Hipposideros megalotis (Heuglin, 1861)

- *1861. *Phyllorhina megalotis* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 29 (8): 4,8. Type locality: Eritrea: Bogos Land, Keren [c 15 45 N 38 20 E]. Publication date: 1861. (Horáček *et al.* (2000: 98) mention "Monatsber. Königl. Preuss. Akad. Wiss. Berlin: 329". Simmons (pers. comm.) checked this and rejected this reference.)
- ? *Hipposideros megalotis*: Name combination.

Taxonomy:

Placed in the subgenus *Syndesmotis* by Legendre (1982) and Gaucher and Brosset (1990). Horáček *et al.* (2000: 98) include it with a question mark. Simmons (2005: 374) mentions it as part of the *megalotis* species group.

Common names:

English: Large-eared Leaf-nosed Bat, Ethiopian Large-eared Leaf-nosed Bat, Ethiopian Large-eared Roundleaf Bat, Big-eared leaf-nosed bat. French: Phyllorine à grandes oreilles d'Ethiopie.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LR/nt (Hilton-Taylor 2000); NT ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004bw).

General distribution:

Ethiopia, Eritrea, Djibouti, Somalia, Kenya, Saudi Arabia.

Hipposideros ruber (Noack, 1893)

- *1893. *Phyllorhina rubra* Noack, Zool. Jahrb. Abt. Syst. Oekol. Geogr. Tiere, 7: 586, pl. 18, fig. 14, 15. Type locality: Tanzania: Eastern Province, Ngerengere River (Allen (1939a: 81) mentioned it as "Lugerrunjere Fluss, Tanganyika Territory". Grubb *et al.* (1998: 80) mention "Type locality: Lugerrunjere Fluss = Ngerengere River, Tanzania - probably Ngerengere village, 32 miles east of Morogor according to Swynnerton, 1945, Proc. Zool. Soc. Lond., 115: 69"). - Publication date: 23 December 1893.
1906. *Hipposiderus caffer centralis* K. Andersen, Ann. Mag. nat. Hist., ser. 7, 17 (99): 275, 277. Type locality: Uganda: Entebbe [Ntebbi]. Type specimen: BMNH 1899.8.4.8 (ad M, skin, presented by Mr. F.J. Jackson, Esq. collection date 5 April 1893). Publication date: 1 March 1906.
1906. *Hipposiderus caffer guineensis* K. Andersen, Ann. Mag. nat. Hist., ser. 7, 17 (99): 275, 278. Type locality: Gabon: 70 mi (105 km) from Gaboon, Como River (almost sea-level). Type specimen: BMNH 1897.12.1.11 (ad F, skin, collector G.L. Bates, Esq., collection date 3 June 1897 original number GLB 215, note- caught under large rock, Fang name-Otan). Publication date: 1 March 1906. Considered a valid subspecies by Grubb *et al.* (1998: 80).
1917. *Hipposiderus caffer niapu* J.A. Allen, Bull. Am. Mus. Nat. Hist., 37 (18): 431. Type locality: Democratic Republic of the Congo: NE Congo, Niapu. Type specimen: AMNH 49414 (ad M, alcoholic, collector: Herbert Lang and James P. Chapin (American Museum Congo Expedition), collection date: 27 January 1914, original number 2322). Publication date: 29 September 1917.
- ? *Hipposideros ruber*: Name combination.

Taxonomy:

Simmons (2005: 376) recognised it as part of the *bicolor* species group, and indicated that the subspecies limits are problematic, and it possible that this species complex includes more than one species.

Common names:

English: Noack's Leaf-nosed Bat, Noack's roundleaf bat, Red leaf-nosed bat. French: Phyllorine rouge.

Etymology of name:

From the Latin "*ruber*" meaning red.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004bx).

General distribution:

Senegal over Guinea (Fahr and Ebigbo (2003:

128) mention it as "*Hipposideros cf. ruber*"), Central African Republic (Lunde *et al.*, 2001: 537), Uganda (Kityo and Kerbis, 1996: 61) to Ethiopia, south to Angola, Zambia, Malawi, and Mozambique; Bioko; São Tomé and Príncipe.

Distribution based on voucher specimens: Cameroon, Congo (Democratic Republic of the), Equatorial Guinea, Gabon, Malawi, Nigeria, Rwanda, São Tomé and Príncipe, Tanzania, Uganda.

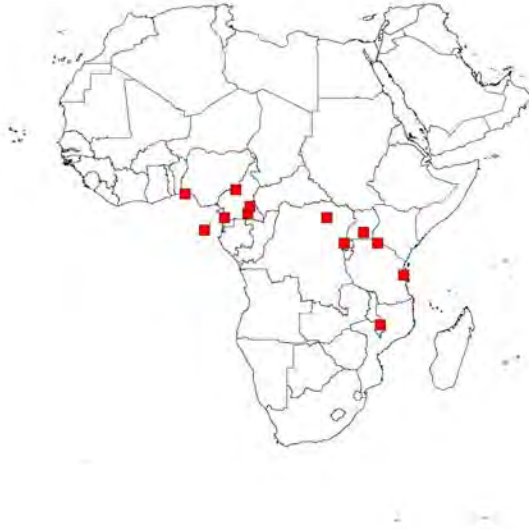


Figure 48. Distribution of *Hipposideros ruber*

Genus *Triænops* Dobson, 1871

- *1871. *Triænops* Dobson, J. Asiatic Soc. Bengal, 40 (2): 455, pl. 28. Publication date: 28 December 1871. Type species: *Triænops persicus* Dobson, 1871.
 2002. *Trienops* Paniutina, Plecotus *et al.*, pars spec.: 36. Lapsus.

Taxonomy:

Hill (1982) and Garbutt (1999) suggested that *T. rufus* and *T. persicus* be synonymized, this is not supported by Russell *et al.* (2007). The Madagascan species are reviewed by Ranivo and Goodman (2006).

Trident Leaf-nosed Bats, Triple nose-leaf bats.

Etymology of name:

From the Greek "*triaenops*" meaning trident [= 3 pronged fork].

Distribution based on voucher specimens:

Ethiopia.

Common names:

English: Greater Trident Bats, Trident Bats,

Triænops auritus G. Grandidier, 1912

- *1912. *Triænops aurita* G. Grandidier, Bull. Mus. natn. Hist. nat., Paris, 18: 8, fext-fig. Type locality: Madagascar: extreme N Madagascar, near Diégo-Suarez (=Antsiranana). Type specimen: MCZ 45080 (M mummified body with skull not removed, sent by Dr. Mazières, 1910 (see Peterson *et al.*, 1995: 81, Ranivo and Goodman 2006: 974; Helgen and McFadden, 2001: 143). Publication date: 25 January 1912.
 ? *Triænops auritus*: Current spelling.

Taxonomy:

Until recently, only known from the holotype (see Peterson *et al.*, 1995: 81), but additional specimens were reported by Ranivo and Goodman (2006: 977). Included in *furculus* (Hayman and Hill 1971; Koopman 1993a: 175, 1994), but Peterson *et al.*, (1995: 81), Russ *et al.*, (2001), Hutson *et al.*, (2001: 18), Ranivo and Goodman (2006: 974) consider it a valid species.

Conservation status:

Global- DD ver 2.3 (1994) (IUCN 2004).

General distribution:

N and NW Madagascar (see Ranivo and Goodman 2006: 963).

Distribution based on voucher specimens:

Madagascar.

Common names:

English: Grandidier's trident bat.

Triænops furculus Trouessart, 1906

- *1906. *Triænops furcula* Trouessart, Bull. Mus. natn. Hist. nat., Paris, 7: 446. Type locality: Madagascar: W coast of Madagascar, near Tulear, St. Augustine Bay, Sarodrana cave. Type specimen: MNHN 1912-40 (Alcoholic, skull missing; collection date 19 May 1898; old number 1860). Publication date: 1906.
 ? *Triænops furculus*: Current spelling.

Taxonomy:

Hayman and Hill (1971: 30) and Koopman (1993a: 175) included *aurita*, but see Peterson *et al.*, (1995), Russ *et al.*, (2001), Hutson *et al.*, (2001: 18), Simmons (2005: 378), Ranivo and Goodman (2006: 963) who consider it a valid species.

Conservation status:

Global- VU A2c ver 2.3 (1994) (IUCN 2004).

General distribution:

C and SW Madagascar (see Ranivo and Goodman 2006: 963), Aldabra Island.

Distribution based on voucher specimens:

Madagascar.

Common names:

English: Trouessart's trident bat, Madagascar leaf-nosed bat. French: *Triænops malgache*.

Triaenops persicus Dobson, 1871

- *1871. *Triaenops persicus* Dobson, J. Asiatic Soc. Bengal, 40 (2): 455, pl. 18. Type locality: Iran: Fars Province, Shiraz [4 750 ft (=1 448 m)]. Type specimen: BMNH 1876.3.10.3 (Syntype). Publication date: 28 December 1871.
1877. *Triaenops afer* Peters, Monatsb. K. preuss. Akad. Wiss. Berlin, p. 913 (for 1876). Type locality: Kenya: Mombasa. - Publication date: 1877.
1968. *Triaenops persicus majusculus* Aellen and Brosset, Rev. Suisse Zool., 75 (14): 450. Type locality: Republic of the Congo: Loudima, Grotte de Doumboula. Type specimen: MNHN 1969-412 (ad M, alcoholic, collector: J.-P. Adam, 19 June 1964; 18 paratypes).

Taxonomy:

Included *rufus* (Hayman and Hill 1971: 30; Hill 1982; Koopman 1993a: 175), but recognized as a valid species by Peterson *et al.*, (1995) and Simmons (2005: 378 - 379). Meester *et al.*, (1986: 44) recognized three subspecies *persicus*, *afer* and *majusculus* from Africa.

Common names:

Afrikaans: Persiese bladneusvlermuis. English: Persian Greater Leaf-nosed Bat, Persian Leaf-nosed Bat, Persian trident bat, Triple leaf-nosed bat. French: *Triaenops de Perse*. Portuguese: Morcego Persa de nariz enfolhado.

Etymology of name:

Originally the species was described from a specimen from Shiraz, Iran (Persia), but has subsequently been found to occur in Arabia and Africa. It is appropriately called the Persian trident bat because, like the short-eared trident bat (*Cloeotis percivali*), it has a three-pronged trident at the top of the nose-leaves (see Taylor 2005).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004az).

Distribution:

Somalia, Djibouti (Pearch *et al.* (2001: 398), Ethiopia, Kenya, Tanzania, Uganda, Angola, Zanzibar, Malawi (1st record: Happold and Happold 1997: 819), Mozambique, Yemen, Oman, Republic of the Congo, Iran, Pakistan, and the United Arab Emirates

Echolocation:

See Pye (1972) and Taylor *et al.*, (2005).

Molecular biology:

Karyotype - Dulic and Mutere (1977) reported for *T. afer*, $2n = 36$, FN = 60, BA = 26, the X chromosome a metacentric, and the Y chromosome a small subtelocentric, based on specimens from Kenya.



Figure 49. Distribution of *Triaenops persicus*

Distribution based on voucher specimens:
Congo, Kenya, Mozambique, Zambia, Zimbabwe.

Triaenops rufus Milne-Edwards, 1881

1881. *Triaenops Humbloti* A. Milne-Edwards, C. R. Acad. Sci., Paris, 91: 1035. Type locality: Madagascar: Eastern Madagascar. Type specimen: MNHN 1985-836 (M, alcoholic, skull removed and lost (?); collector Humblot, collection date 1880; other number 184: see Peterson *et al.* (1995: 82). The type series (184 and 184A) contains 3 MM + 3 FF (Peterson *et al.*, 1995). According to Ranivo and Goodman (2006: 974) the skull of the holotype has been mixed up with the skulls of the paratypes (MNHN 1985-838 and 1985-839). Publication date: 1881.
- *1881. *Triaenops rufus* A. Milne-Edwards, C. R. Acad. Sci., Paris, 91: 1035. Type locality: Madagascar: Eastern Madagascar. Type specimen: MNHN 185 (F, alcoholic, skull extracted ? (see Peterson *et al.*, 1995: 82). Ranivo and Goodman (2006: 974) indicate that the skull is still present, but in very bad shape. The type series (185 and 185A) contains 1 M + 3 FF (Peterson *et al.*, 1995). Publication date: 1881.
- ? *Triaenops rufus*: Current spelling.

Taxonomy:

Previously included in *persicus* by Hayman and Hill (1971: 30), Hill (1982), Koopman (1993a: 175), but considered a valid species by Peterson *et al.*, (1995: 82), Russ *et al.*, (2001), Hutson *et al.*, (2001: 18), Goodman *et al.*, (2005: 158), and Simmons (2005: 379).

Common names:

English: Rufous trident bat, Red Madagascan Trident Bat.

Conservation status:

Global: DD ver 2.3 (1994) (IUCN 2004).

General distribution:

E + C Madagascar.

Distribution based on voucher specimens:

Madagascar.

Family MEGADERMATIDAE H. Allen, 1864

- *1864. *Megadermatidae* H. Allen, Monogr. Bats N. Am., pp. xxiii, 1. Type genus: *Megaderma* Geoffroy, 1810.

Taxonomy:

See Handley (1980) [in Corbet and Hill (1992: 89)] for correct formation of family name.

Common names:

English: False Vampire Bats, Large-winged Bats.
Finnish: Valevampyyrit. German: Grossblattnasen, Falsche Vampire. Norwegian: Storøreflaggermus, falske vampyrer.

Genus *Cardioderma* Peters, 1873

- *1873. *Cardioderma* Peters, Monatsb. k. preuss. Akad. Wiss. Berlin, p. 488. Type species: *Megaderma cor* Peters, 1872. Publication date: 23 June 1873.

Taxonomy:

See Simmons (2005).

Etymology of name:

From "cardio", meaning heart and "derma" meaning skin (see Csada, 1996: 3).

Common names:

English: Heart-nosed Bats, African False Vampire Bats.

Cardioderma cor (Peters, 1872)

- *1872. *Megaderma cor* Peters, Monatsb. K. preuss. Akad. Wiss. Berlin, p. 194. Type locality: Ethiopia: no specific locality. -
? *Cardioderma cor*: Name combination.

Taxonomy:

See Csada (1996, Mammalian Species, 519).

Common names:

Dutch: Hartneusvleermuis. English: Heart-nosed Bat, African Heart-nosed Bat, African False Vampire Bat, Heart-nosed Big-eared Bat. French: Pseudo-vampire à nez en coeur.

Conservation status:

Global- LR/nt (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.* 2004j).

General distribution:

Ethiopia, Djibouti (Pearch *et al.*, 2001: 397), Somalia, Kenya, Uganda, E Sudan, Tanzania, Zanzibar.

Echolocation:

See O'Shea and Vaughan (1980) and Taylor *et al.*, (2005).



Figure 50. Distribution of *Cardioderma cor*

Distribution based on voucher specimens: Egypt, Ethiopia, Kenya, [Tanzania](#), Uganda, Unknown country.

Genus *Lavia* Gray, 1838

- *1838. *Lavia* Gray, Mag. Zool. Bot., 2 (12): 490. Type species: *Megaderma frons* E. Geoffroy Saint-Hilaire, 1810. Publication date: 1 February 1838.
 1846. *Livia* Agassiz, Nomenclator. Zool., Mamm., addenda: p. 6. Lapsus.

Taxonomy:
 See Simmons (2005).

Etymology of name:
 From "*lavo*" meaning fine, elegant, splendid) (see Vonhof and Kalcounis, 1999: 4).

Common names:
 English: Yellow-winged Bats.

Lavia frons (E. Geoffroy St.-Hilaire, 1810)

1800. *Vespertilio megalotis* Bechstein, Type locality: southern Africa: Great Namaqualand, 50 mi [=75 km] N Orange River. Nomen oblitum. See Grubb (2004: 91 - 92) for a discussion.
 *1810. *Megaderma frons* E. Geoffroy Saint-Hilaire, Ann. Mus. Hist. Nat. Paris, 15: 192. Type locality: Senegal: no specific locality.
 1905. *Lavia rex* Miller, Proc. Biol. Soc. Washington, 18: 227. Type locality: Tanzania: Taveta (Kock (1969: 103) locates Taveta in Kenya). Type specimen: USNM 18993/38197 (holotype; ad M, collector Dr. W.L. Abbott, 1899). Publication date: 9 December 1905.
 1907. *Lavia frons affinis* K. Andersen and Wroughton, Ann. Mag. nat. Hist., ser. 7, 19 (110): 138, 140. Type locality: Sudan: White Nile, Kaka. Type specimen: BMNH 1901.8.8.3 (ad M, skin only, collector R.M. Hawker, Esq.). Publication date: 1 February 1907. Not mentioned by Vonhof and Kalcounis (1999: 1).
 ? *Lavia frons*: Name combination.

Taxonomy:
 See Vonhof and Kalcounis (1999, Mammalian Species, 614). Grubb (2004: 91) calls it a "nomen protectum".

Common names:
 English: Yellow-winged Bat, African Yellow-winged Bat. French: Feuille de Daubenton, Megaderme à ailes orangées, Lavia à ailes jaunes. German: Gelbflügelige Großblattnase.

Etymology of name:
 From the Latin "*frons*" meaning forehead (see Vonhof and Kalcounis, 1999: 4).

Conservation status:
 Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004aq).

General distribution:
 Senegal over Benin (possibly) (Capo-Chichi *et al.*, 2004: 162), Uganda (Kityo and Kerbis, 1996: 61) to Ethiopia (Lavrenchenko *et al.*, 2004: 132), Somalia, south to Namibia, Zambia and Malawi; Zanzibar.

Echolocation:
 See Taylor *et al.*, (2005).

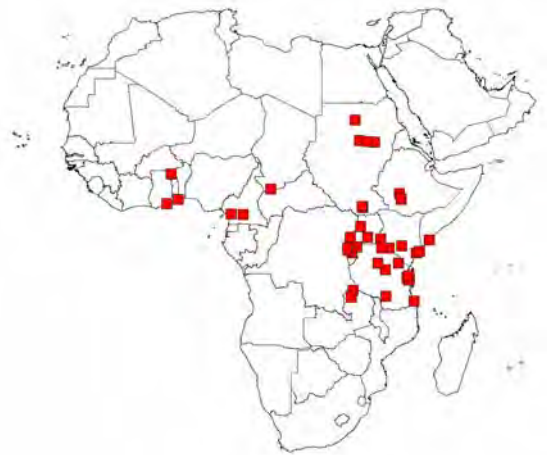


Figure 51. Distribution of *Lavia frons*

Distribution based on voucher specimens: Cameroon, Chad, Congo (Democratic Republic of the), Egypt ?, Ethiopia, German East Africa, Ghana, Guinea, Kenya, Liberia, Rwanda, Senegal, Somalia, Sudan, Tanzania, Togo, Uganda, Unknown country, Zambia.

Family RHINOLOPHIDAE Gray, 1825

- *1825. *Rhinolophidae* Gray, Zool. Journ., 2 (6): 242. Type genus: *Rhinolophus* Lacépède, 1799. Corbet and Hill (1992: 90) mention "Bell, 1836: 599" as author.
1855. *Historhina* Van der Hoeven, Handb. Dierkunde.

Taxonomy:

Includes Hipposideridae (treated as a subfamily), see Vaughan (1978: 39) and Koopman and Jones (1970); but also Swanepoel *et al.* (1980: 157). Hill (1982) listed Hipposideridae as a distinct family, without comment and Hill and Smith (1984) retained this separation and discussed the question. Harrison and Bates (1991: 51), Corbet and Hill (1992: 104 - with comment), Pavlinov *et al.* (1995), Peterson *et al.* (1995: 66), Hutson *et al.* (2001: 16) and Simmons (2005: 350) also retained the Hipposideridae as separate family.

Common names:

Czech: vrápencovití. Dutch: Hoefijzerneusvleermuizen, Hoefijzerneuzen. English: Horseshoe bats. Finnish: Hevosenkenkäyököt, Kaviokuonoyököt. German: Hufeisennasen. Norwegian: Hesteskoneser, Ekte hesteskonese.

Etymology of name:

They are called horseshoe bats because the anterior nose-leaf is shaped like a horseshoe.

Subfamily Rhinolophinae Gray, 1825

- *1825. *Rhinolophinae* Gray, Zool. Journ., 2 (6): 242. Type genus: *Rhinolophus* Lacépède, 1799.

Common names:

Czech: vrápencovití. Dutch: Hevosenkenkäyököt, Kaviokuonoyököt. German: Hoefijzerneusvleermuizen, Hoefijzerneuzen. Hufeisennasen. Norwegian: Hesteskoneser, Ekte hesteskoneser. English: Horseshoe bats. Finnish:

Genus *Rhinolophus* Lacépède, 1799

- *1799. *Rhinolophus* Lacépède, Tabl. Div. Subd. Orders Genres Mammifères, p. 15. Type species: *Vespertilio ferrum-equinum* Schreber, 1774. Conserved by Opinion 91 (1926) and Direction 24 (1955) (see Corbet and Hill, 1992: 91).
1816. *Phyllorhina* Leach, System. Catal. Spec. Indig. Mamm. Brit. Mus., p. 5. Type species: *Vespertilio minutus* Montagu, 1808.
1836. *Rhinocrepis* Gervais, Dictionnaire Pittoresque d'Hist. Nat., 4: pt. 318, p. 617. Type species: *Vespertilio ferrum-equinum* Schreber, 1774.
1847. *Aquias* Gray, Proc. zool. Soc. Lond., 1847, XV (clxix): 15. Publication date: 13 April 1847. Type species: *Rhinolophus luctus* Temminck, 1838 / *Rhinolophus trifolius* Temminck, 1834 (Restricted to *R. luctus* by Ellerman *et al.* (1953): see Meester *et al.* (1986: 36)).
1866. *Phyllotis* Gray, Proc. zool. Soc. Lond., 1866, I: 81. Publication date: May 1866. Type species: *Rhinolophus philippinensis* Waterhouse, 1843. Preoccupied by *Phyllotis* Gray, 1837. Not of Waterhouse.
1867. *Caeloephyllus* Peters, Proc. zool. Soc. Lond., 1866, III: 427. Publication date: April 1867. Type species: *Rhinolophus caeloephyllus* Peters, 1867.
1901. *Euryalus* Matschie, Sitzb. Ges. Naturf. Freunde Berlin, p. 225. Type species: *Rhinolophus mehelyi* Matschie, 1901. Described as a subgenus of *Rhinolophus* (see Meester *et al.*, 1986: 36).
1941. *Rhinophyllotis* Troughton, Furred Animals of Australia 1st edn, p. 342. Type species: *Rhinolophus megaphyllus* Gray, 1834. Redescription for *Rhinophyllotis* Iredale and Troughton, 1934, "nomen nudum" (see Meester *et al.*, 1986: 36).
1951. *Rhinomegalophus* Bourret, Bull. Mus. natn. Hist. nat., Paris, ser. 2, 23 (6): 607. Type species: *Rhinomegalophus paradoxolophus* Bourret, 1951.
1973. *Rhinomegaphyllus* Thonglongya, Mammalia, 37: 587. Lapsus for *Rhinomegalophus* Bourret, 1951 (see Eger and Fenton, 2003: 1).
1993. *Rhinilophus* Amr and Qumsiyeh, Ent. News, 104 (1): 44. Lapsus.

Taxonomy:

The radiation (about 15 million years ago) of Rhinolophidae into five main clades apparently occurred rapidly and the distinct clades could be regarded as different genera (Csorba *et al.*, 2003: xvi). Following tradition Csorba *et al.*, (2003: xvi) split the six subgenera (*Aquias*, *Phyllorhina*, *Rhinolophus*, *Indorhinolophus*, *Coelophyllus*, *Rhinophyllotis*) into groups corresponding to smaller lineages in the phylogeny. All African and Palaeartic species are contained within a single clade (Csorba *et al.*, 2003: xvii). This confirms Bogdanowicz (1992) and Bogdanowicz and Owen (1992) who suspected that the relationship was monophyletic. Qumsiyeh *et al.*, (1988) studied protein electrophoresis of a limited number of African taxa, which grouped together in their phylogeny. All African and Palaeartic Rhinolophid species karyotyped show a diploid number of 58, which differs from all other *Rhinolophus* with the exception of some populations of *R. hipposideros* (Zima *et al.*, 1992). Csorba *et al.*, (2003: xvii) note that the geographical distribution of taxa and the phylogeny are strongly congruent.

Species groups recognized by Csorba *et al.*, (2003: xvi), for African taxa:

Rhinolophus adami Aellen and Brosset, 1968

- *1968. *Rhinolophus adami* Aellen and Brosset, Rev. Suisse Zool., 75 (14): 443. Type locality: Republic of the Congo: Kouilou. Type specimen: MNHN 1968-408 (ad F, alcoholic, collector J.-P. Adam, original number 12/8G, 9 January 1967; 3 paratypes).

Taxonomy:

Kock *et al.*, (2000) place it in the *adami* species group, followed by Csorba *et al.*, (2003: xvi, 4 - 5) and Simmons (2005: 351). Species group reviewed by Kock *et al.*, (2000). See Csorba *et al.* (2003: 5) for taxonomic background.

Common names:

English: Adam's Horseshoe Bat, Congo Horseshoe Bat. French: Rhinolophe du Congo.

Etymology of name:

In honour of J.-P. Adam, the collector of the type specimen.

Conservation status:

Global- DD (Baillie and Groombridge 1996); DD ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004ab).

Rhinolophus: *R. landeri* - *landeri*, *alcyone*, *?guineensis*. *R. Euryale* - *blasii*, *euryale*, *mehelyi*. *R. capensis* - *?capensis*, *?swinyi*, *?denti*, *simulator*. *R. adami* - *?adami*, *?maendeleo*. *R. ferrumequinum* - *ferrumequinum*, *clivosus*, *?silvestris*, *?deckenii*. *R. maclaudi* - *?maclaudi*, *ruwenzorii*. *R. fumigatus* - *fumigatus*, *eloquens*, *hildebrandti*, *darlingi*.

See Csorba *et al.*, (2003: xii - xxiv) for discussion on phylogeny and biogeography of the horseshoe bats.

See Csorba *et al.*, (2003: 1 - 3) for key to species.

Common names:

Czech: vrápenec. Dutch: Hoefijzerneuzen. English: Horseshoe bats.

Etymology of name:

The generic name *Rhinolophus* is derived from the Greek "*rhinos*", a nose, and "*lophos*", a crest, referring to the crest of nose-leaves (Taylor 2005).

Distribution based on voucher specimens:

Cameroon, Egypt, Senegal, [South Africa](#), Tanzania, Togo, [Zambia](#).

General distribution:

Republic of the Congo (Csorba *et al.*, (2003: 5; Simmons 2005: 351).

Distribution based on voucher specimens:

[Congo](#).

Rhinolophus alcyone Temminck, 1853

- *1853. *Rhinolophus alcyone* Temminck, Esquisses zool. Côte de Guinée, p. 80. Type locality: Ghana: Boutry River. Type specimen: RMNH. Allen (1939a: 73) notes: 'Type in Leiden Mus., but description has not "one single word of any value for identifying the species or determining its affinities" - K. Andersen'. Allen (1939a: 73), Kock (1969: 121), Grubb *et al.* (1998: 77) mention 1852 as year of publication.

Taxonomy:

Forms part of the *landeri* species group (Csorba *et al.*, 2003: 55 - 57; Simmons 2005: 351). See Csorba *et al.*, (2003: 56) for remarks on taxonomy.

Common names:

English: Halcyon horseshoe Bat. French: Rhinolophe d'Halcyon.

Etymology of name:

alcyone: "[=Alkuone] mythological name for the kingfisher" and this is sometimes written as "Halcyon". Alkuone herself is the "daughter of Aiolos, who threw herself in the sea, where her husband Keüks (or Ceyx) was drowned. Thetis changed her in a kingfisher and her husband in a seagull".

Conservation status:

Global- LR/nt (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004y).

General distribution:

Senegal over Guinea (Fahr and Ebigbo, 2003: 128), Central African Republic (Lunde *et al.*, 2001: 537) to Uganda; SW Sudan, Republic of the Congo (Dowsett *et al.*, 1991: 259), N Democratic Republic of the Congo, and Gabon; Bioko.

Distribution based on voucher specimens:

Ghana.

Rhinolophus blasii Peters, 1867

1857. *Rhinolophus clivosus*: Blasius, Säugethiere Deutschlands: p. 33. Type locality: Italy: no specific locality. Preoccupied by *clivosus* Cretzschmar, 1828 (see Corbet and Hill, 1992: 100 and Pavlinov *et al.* 1995: 81).
- *1867. *Rhinolophus blasii* Peters, Monatsb. K. preuss. Akad. Wiss. Berlin, p. 17 (for 1866). Type locality: Italy: SE Europe; restricted to Italy by Ellerman *et al.* (1953: 59) -. Publication date: 1867.
1904. *Rhinolophus empusa* K. Andersen, Ann. Mag. Nat. Hist., ser. 7, 14 (83): 378. Type locality: Malawi: Zomba [15 23 S 35 19 E, 800 - 900 m]. Type specimen: BMNH 1893.7.9.33 (Holotype, ad F, collector Mr. A. Whyte, collection date: January 1893). Publication date: 1 November 1904. Considered a valid subspecies by Ansell and Dowsett (1988: 33), Taylor (1998: 37).
1905. *Rhinolophus andreinii* Senna, Archiv. Zool. Ital., 2: 256, pl. 16, f. 1; pl. 18, f. 7 - 16. Type locality: Eritrea: Adi Ugri. Publication date: 30 September 1905.
1910. *Rhinolophus brockmani* Thomas, Ann. Mag. Nat. Hist., ser. 8, 5 (26): 192. Type locality: Somalia: Upper Sheikh [4 500 ft (=1 372 m)]. Type specimen: BMNH 1909.12.17.4 (Holotype). Publication date: 1 February 1910.
1910. *Rhinolophus blasiusi* Trouessart, Fauna des Mammifères d'Europe, p. 9.

Taxonomy:

Includes *brockmani*; see Koopman (1975: 383). Replacement for *clivosus* Blasius, 1857, which was preoccupied (see Ansell and Dowsett, 1988: 33). Part of the *landeri* species group (Csorba *et al.*, 2003: 57 - 59; Simmons 2005: 351 - 352). See Csorba *et al.*, (2003: 58 - 59) for remarks on taxonomy.

Common names:

Afrikaans: Spitsaalneusvlermuis. Dutch: Blasius-hoefijzerneus. English: Peters's Horseshoe Bat, Blasius's horseshoe bat, Peak-saddle Horseshoe Bat. French: Rhinolophe de Blasius, Rhinolophe à selle pointue. German: Blasius-Hufeisennase. Italian: Rinolofo di Blàsius, Ferro di cavallo di Blàsius. Portuguese: Morcego ferradura de nariz de sela. Spanish: Rinolofo de Blasius.

Etymology of name:

In honour of Johann Heinrich Blasius (1809 - 1870) (see Kozhurina, 2002: 14).

Conservation status:

Global- LR/nt (Baillie and Groombridge 1996); NT ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004x). Regional- South Africa- Indeterminate (Smithers 1986); VU D2 ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

Transvaal (South Africa); Swaziland (Monadjem, 2005: 5) to S Democratic Republic of the Congo; Malawi (Happold and Happold, 1997: 818); Ethiopia; Somalia; Morocco; Algeria; Tunisia; Turkey; Yemen, Oman, Israel; Jordan; Syria; Iran; Yugoslavia; Albania; Bulgaria; Rumania; Transcaucasia and Turkmenistan; Afghanistan;

Pakistan; Italy; Greece; Cyprus.

Molecular biology:

DNA - Unknown.

Karyotype - Both Qumsiyeh *et al.* (1986) and Rautenbach (1986) record $2n = 58$, $FN = 60$, $BA = 40$, but differed in the X chromosome being reported in the respective publications as metacentric and submetacentric, and the Y chromosome as acrocentric and metacentric.

Protein / allozyme - Unknown.



Figure 52. Distribution of *Rhinolophus blasii*

Distribution based on voucher specimens: Botswana, Ethiopia, Malawi, Somalia, South Africa, Zambia, Zimbabwe.

Rhinolophus capensis Lichtenstein, 1823

- *1823. *Rhinolophus capensis* Lichtenstein, Verzeichniss der Doubletten des Zool. Mus. K. Univ. Berlin, p. 4. Type locality: Republic of South Africa: Cape Province, Cape of Good Hope.
1860. *Rhinolophus auritus* Sundevall, Kongl. Svenska Vet.-Akad. Handl. Stockholm, ser. 2, 2: no 10, p. 13, footnote. Type locality: Republic of South Africa: Cape of Good Hope, [southern Cape Province,] near Knysna, Belvedere. Type specimen: Stockholm Museum (M, Collection date: 3 April 1854; Victorin; Grill 1859; Mam. Ex. No. 1907: see Andersen (1904b: 456)). Roberts (1951: 63) mentions 1858 as publication date.

Taxonomy:

Part of the *capensis* species group (Csorba *et al.*, 2003: 7 - 8; Simmons 2005: 352). See Csorba *et al.*, (2003: 8) for remarks on taxonomy.

Common names:

Afrikaans: Kaapse saalnevsvlermuis, Kaapse Vlermuis. English: Cape Horseshoe Bat, Southern Africa horseshoe bat. French: Rhinolophe d'Afrique du Sud, Rhinolophe du Cap. Portuguese: Morcego ferradura de cabo.

Etymology of name:

Referring to Cape of Good Hope or the Cape province, from where the type specimen was obtained.

Conservation status:

Global- VU (Baillie and Groombridge 1996); NT ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004w). Regional- South Africa- NT ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

Simmons (2005: 352) follows Ansell and Dowsett, (1988: 33) and Koopman (1993a: 164), who list South Africa, Zimbabwe and Mozambique, but doubt its occurrence outside of South Africa. Koopman (1993a: 164) states that the records from Zambia and Malawi are erroneous. While Griffin (1999: 32) suspects its occurrence in Namibia. Csorba *et al.*, (2003: 8) listed only South Africa.

Molecular biology:

DNA: Unknown.

Karyotypic - Rautenbach (1986) reported $2n = 58$, FN = 60, BA = 4, and the X and Y chromosomes as submetacentric.

Protein / allozyme - Unknown.



Figure 53. Distribution of *Rhinolophus capensis*

Distribution based on voucher specimens:
Kenya, Namibia, South Africa, Tanzania.

Rhinolophus clivus Cretzschmar, 1828

- *1828. *Rhinolophus clivus* Cretzschmar, in Rüppell, Atlas Reise Nördl. Afr., Zool. Säugeth., p. 47. Type locality: Saudi-Arabia: Red Sea Coast, Al Muwaylih (=Mohila) [c 27 49 N 35 30 E]. Type specimen: SMF 4371 (Lectotype, mounted skin, collected by Ed. Rüppell collection date 1826, old catalog: II.F.4.a; see Mertens, 1925: 20). Allen (1939a: 74) mentions 1826 as publication date.
1829. *Rhinolophus geoffroyii* A. Smith, Zool. Journ., 4: 433. Type locality: Republic of South Africa: South Africa (Roberts (1951: 61) nominated Cape Town as type locality; see Meester *et al.*, 1986: 38). Publication date: May 1829. Allen (1939a: 75) mentioned *geoffroyii* as a separate species. Meester *et al.* (1986: 38) follow Ellerman *et al.* (1953: 57) in considering *geoffroyii* as unidentifiable.
1861. *Rhinolophus acrotis* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 29 (8): 4, 10. Type locality: Eritrea: Keren [c 15 45 N 38 20 E]. Type specimen: SMNS 986 (ad M, alcoholic, v. Heuglin, 1862). Publication date: 1861.
1904. *Rhinolophus Andersoni* Thomas, Ann. Mag. Nat. Hist., ser. 7, 14 (80): 156. Type locality: Egypt: Eastern desert of Egypt [c 22 N 35 E] (Kock (1969: 113) mentions: "Eastern Desert, im Gebiet des Wadi Alagi, 22 N 35 E, Sudan"). Type specimen: BMNH 1904.11.4.2 (Holotype, imm, M, collector: Mr. Arthur M. MacKilligin, collection date: 3 August 1903, original number 26). Publication date: 1 August 1904.
1904. *Rhinolophus augur* K. Andersen, Ann. Mag. Nat. Hist., ser. 7, 14 (83): 380. Type locality: Republic of South Africa: Bechuanaland, [=Northern Cape Province], Kuruman [4 000 ft (=1 219 m)]. Type specimen: BMNH 1904.10.1.1 (Holotype, ad M, skin, collector Mr. R.B. Woosnam, collection date: 19 April 1904, original number 26). Publication date: 1 November 1904.
1904. *Rhinolophus augur zambesiensis* K. Andersen, Ann. Mag. Nat. Hist., ser. 7, 14 (83): 383. Type locality: Malawi: Fort Hill (=Chitipa) [09 42 S 33 16 E, 1 300 m]. Type specimen: BMNH 1897.10.1.18 (Holotype, ad M, skin, collector: MR. A White, collection date: July 1896, presented by Sir Harry Johnston, original number: 136). Publication date: 1 November 1904. Considered a synonym of *zuluensis* by Ansell and Dowsett (1988: 32).
1904. *Rhinolophus augur zuluensis* K. Andersen, Ann. Mag. Nat. Hist., ser. 7, 14 (83): 383. Type locality: Republic of South Africa: Natal, Zululand, 20 mi [=32 km] NW Eshowe, Jususie valley [=Insuzi valley] [1 000 ft (=305 m)]. Type specimen: BMNH 1904.5.1.8 (Holotype, ad F, skin, collector Mr. C.H.B. Grant, collection date: 17 November 1903, presented by C.D. Rudd, Esq., original number: 602). Publication date: 1 November 1904. Considered a valid subspecies by Ansell and Dowsett (1988: 32), Taylor (1998: 35 - T217).
1905. *Rhinolophus acrotis brachygnatus* K. Andersen, Ann. Mag. nat. Hist., ser. 7, 15 (85): 73. Type locality: Egypt: Giza. Type specimen: BMNH 1892.9.9.7 (holotype: ad M, alcoholic, collector J. Anderson, collection date 16 December 1891; paratype: imm F; see Qumsiyeh, 1985: 35). Publication date: 1 January 1905.
1916. *Rhinolophus keniensis* Hollister, Smithson. Misc. Coll., 66 (1): 2. Type locality: Kenya: W side Mount Kenya [7 000 ft (=2 134 m)]. Type specimen: USNM 166352 (ad M, alcoholic and skull, collector: Edmund Heller, collection date: 27 August 1909, original number: 1154). Publication date: 10 February 1916.
1934. *Rhinolophus acrotis schwarzi* Heim de Balsac, Bull. Mus. natn. Hist. nat., Paris, (2) 7: 483. Type locality: Algeria: Sahara, Tassai des Azdjers, Djanet. Type specimen: MNHN (ad F, alcoholic, collector: Mission Augiéras Draper). Publication date: November 1934.
1993. *angur* Koopman, Mammal Species of the World: xxx. Lapsus.
- ? *Rhinolophus clivus zuluensis*: Name combination.

Taxonomy:

ferrumequinum species group (Csorba *et al.*, 2003: 35 - 39; Simmons 2005: 353). See Csorba *et al.*, (2003: 36 - 37) for review of taxonomy.

Roberts (1919: 122) points out that *geoffroyii* antedates *augur*, and later (Roberts 1951) regards *augur* as a subspecies of *geoffroyii*.

Allen (1939a) follows Roberts in regarding *geoffroyii* as the prior name, but Ellerman *et al.* (1953) reject this, pointing out that the description does not identify *geoffroyii* and that the type is apparently lost, and therefore propose that the name be discarded as unidentifiable.



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Figure 54. *Rhinolophus clivosus*

Common names:

Afrikaans: Geoffroy se saalneusvlermuis, Geoffroy-saalneusvlermuis. Arabian: Khafash abu hadweh arabi. English: Arabian Horseshoe Bat, Cretzschmar's Horseshoe bat, Geoffroy's Horseshoe Bat. French: Fer-à-Cheval de Geoffroy, Rhinolophe de Geoffroy. Portuguese: Morcego ferradura gigante.

Etymology of name:

From the Latin "*clivus*" meaning slope, hill, eminence.

Colloquial name after E. Geoffroy Saint-Hilaire, who collected bats in Egypt during the early part of the nineteenth century (see Taylor 2005).

Palaeontological / archaeological records:

R. clivosus has been recovered from both the upper Pleistocene and very late Holocene at Border Cave and is possibly present in the late Holocene at Nkupe, South Africa (Avery 1991: 6).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004an).

Regional- South Africa- NT ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

Turkmenistan to Afghanistan; Arabia and Jordan and Israel to Algeria; Ethiopia (Lavrenchenko *et al.*, 2004: 133); Djibouti (Pearch *et al.*, 2001: 397); subsaharan Africa to Liberia, Cameroon, Uganda (Kityo and Kerbis, 1996: 63), Kenya (Lavrenchenko *et al.*, 2004: 133), and Malawi (Happold and Happold, 1997: 818), Namibia (?) (Cotterill, 2004: 261), Zambia (Cotterill, 2002: 6), Zimbabwe (Cotterill, 2004: 261), Swaziland (Monadjem, 2005: 5) and South Africa.

Echolocation:

See Taylor (1999).

Molecular biology:

DNA - Unknown.

Karyotype - Both Dulic and Mutere (1974) and Rautenbach *et al.* (1993) reported $2n = 58$. However, Dulic and Mutere (1974) reported $FN = 62$, $BA = 6$, a large acrocentric X chromosome, and a small acrocentric Y chromosome, whereas Rautenbach *et al.*, (1993) reported $FN = 60$, $BA = 4$, and submetacentric X and Y chromosomes.

Protein / allozyme - Unknown.



Figure 55. Distribution of *Rhinolophus clivosus*

Distribution based on voucher specimens:

"Africa", Cameroon, Egypt, Eritrea, Ethiopia, Lesotho, Malawi, Mozambique, Namibia, Rwanda, Saudi-Arabia, South Africa, Swaziland, Tanzania, Unknown country, Zambia, Zimbabwe.

Rhinolophus darlingi K. Andersen, 1905

- *1905. *Rhinolophus darlingi* K. Andersen, Ann. Mag. Nat. Hist., ser. 7, 15 (85): 70. Type locality: Zimbabwe: Mashonaland, Mazoe [4 000 ft (=1 219 m)]. Type specimen: BMNH 1895.8.27.1 (Holotype, ad, skin, collector: J. ff. Darling, Esq., collection date: 13 June 1895, original number: 35; 5 paratypes). Publication date: 1 January 1905.
1924. *Rhinolophus darlingi barbertonensis* Roberts, Ann. Transv. Mus., 10: 59. Type locality: Republic of South Africa: SE Transvaal, Barberton District, Louw's creek. Type specimen: TM 2476 (ad F, skin and skull, collector: Austin Roberts, collection date: 14 March 1920, note: Caught in old mine drive) Publication date: 31 January 1924.
1946. *Rhinolophus darlingi damarensis* Roberts, Ann. Transv. Mus., 20: 303. Type locality: Namibia: Damaraland, Okahandja district, Oserikari. Type specimen: TM 9474 (ad F, SS, collector: Austin Roberts, collection date: 10 August 1941, note: Caught in bedroom at night)

Taxonomy:

Includes *barbertonensis*; see Hayman and Hill (1971: 23). *ferrumequinum* species group (Csorba *et al.*, 2003: 39 - 40; Simmons 2005: 354). See Csorba *et al.*, (2003: 40) for taxonomic remarks.

Common names:

Afrikaans: Darling se saalneusvlermuis, Darling-saalneusvlermuis. English: Darling's Horseshoe Bat. French: Fer-à-Cheval de Darling, Rhinolophe de Darling. Portuguese: Morcego ferradura de Darling.

Etymology of name:

In honour of J. ff. Darling, a mining engineer, who first collected this species in Mazoe, Zimbabwe, in the early part of the twentieth century (see Smithers 1983: 126, Taylor 2005).

Palaeontological / archaeological records:

R. darlingi is represented intermittently in the upper Pleistocene and in the very late Holocene at Border Cave (Avery 1991: 6).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004v). Regional- South Africa- NT ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

Transvaal (South Africa), Namibia, S Angola, N and W Botswana, Zimbabwe, Zambia (Cotterill, 2004: 261), Malawi, Mozambique, Tanzania.

Echolocation:

See Taylor (1999).

Molecular biology:

DNA - Unknown.

Karyotype - Both Peterson and Nagorsen (1975) and Rautenbach (1986) reported, for specimens from Zimbabwe and South Africa respectively, $2n = 58$, FN = 60, BA = 4, and subtelocentric X and Y chromosomes.

Protein / allozyme - Unknown.



Figure 56. Distribution of *Rhinolophus darlingi*

Distribution based on voucher specimens:

Lesotho, Malawi, Namibia, South Africa, Swaziland, Zimbabwe.

Rhinolophus deckenii Peters, 1867

- *1867. *Rhinolophus deckenii* Peters, Monatsb. k. preuss. Akad. Wiss. Berlin, p. 705 (Allen (1939a: 74) mentioned "for 1867, p. 705, 1868"). Type locality: Tanzania: Zanzibar coast (mainland opposite Zanzibar). Type specimen: ZMB 3269 (Holotype; adult F; body in alcohol, skull extracted (missing); collector: von der Decken; collection date: undated).

Taxonomy:

Treated as a subspecies of *clivus* by Hayman and Hill (1971: 23); but see Koopman (1975: 386). *ferrumequinum* species group (Csorba *et al.*, 2003: 41 - 42; Simmons 2005: 354). See Csorba *et al.*, (2003: 41) for remarks on taxonomy.

Common names:

English: Decken's Horseshoe Bat, Eastern Africa horseshoe bat. French: Fer-à-Cheval d'Afrique orientale, Rhinolophe de Decken.

Etymology of name:

In honour of Mr. Von der Decken, collector of the type specimen.

Conservation status:

Global- DD (Baillie and Groombridge 1996); DD ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004p).

General distribution:

Uganda, Kenya, Tanzania, Zanzibar and Pemba.

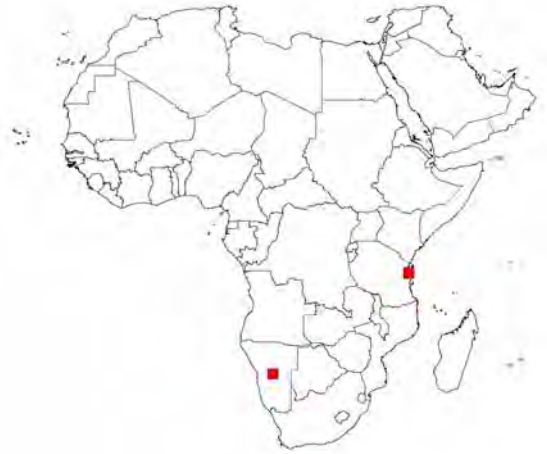


Figure 57. Distribution of *Rhinolophus deckenii*

Distribution based on voucher specimens:
Namibia, Tanzania.

Rhinolophus denti Thomas, 1904

- *1904. *Rhinolophus Denti* Thomas, Ann. Mag. Nat. Hist., ser. 7, 13 (77): 386. Type locality: Republic of South Africa: N Cape Province [formerly Bechuanaland], Kuruman [1 300 m]. Type specimen: BMNH 1904.4.8.2 (Holotype, M, collector: R.E. Dent, collection date: 24 January 1904, original number 7). Publication date: 1 May 1904.
1960. *Rhinolophus denti knorri* Eisentraut, Stuttg. Beitr. Naturk., 39: 3. Type locality: Guinea: 12 km W Kolenté, Salung Plateau, Nyembaro [c 10 05 N 12 30 W]. Considered a valid subspecies by Grubb *et al.* (1998: 78).

Taxonomy:

Placed within the *capensis*-group (Csorba *et al.*, 2003: 9 - 10; Simmons 2005: 354). Possibly includes *R. swinnyi* (see Roberts, 1914; Csorba *et al.*, 2003: 9 - 10). Two subspecies are currently recognised, besides the nominate form described from the Northern Cape Province of South Africa (and including Namibia, Botswana and Zimbabwe), also *R. d. knorri* Eisentraut, 1960 from Guinea (and including Ghana) (Csorba *et al.*, 2003: 9 - 10; Simmons 2005: 354). *R. d. knorri* is slightly smaller than the nominate form especially in the length of tibia and ear (Csorba *et al.*, 2003: 9 - 10). See Csorba *et al.*, (2003: 9 - 10) for further remarks on taxonomy.

Common names:

Afrikaans: Dent se saalneusvlermuis, Dent-saalneusvlermuis, Dentse Vlermuis. English: Dent's Horseshoe Bat. French: Rhinolophe de Dent. Portuguese: Morcego ferradura de Dent.

Etymology of name:

In honour of R.E. Dent (Smithers, 1983: 130; Skinner and Smither, 1990; Taylor, 2005), the collector of the type specimen.

Similar species:

R. swinnyi (Shortridge, 1934; Roberts, 1914 ; 1946: 304). Shortridge (1934) was incorrect though in indicating that Hewitt (1913) described a new subspecies of *R. denti*, from Pirie in the Eastern Cape province of South Africa, when it was actually *R. swinnyi piriensis* (Hewitt, 1913: 402).

Palaeontological / archaeological records:

Unknown.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); DD ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004ak).

Regional- South Africa- Indeterminate (Smithers 1986); NT ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

South Africa (Northern Cape Province (Herseman

and Norton, 1985; Rautenbach, 1986), North West Province (James, 1986), Free State Province (Watson, 1998)), Namibia (Kock and Howell, 1988), Angola, Botswana (Smithers, 1971), Zimbabwe (Smithers and Wilson, 1979: 57 [although Smithers, (1983) indicates three records from northeastern Zimbabwe in Smithers and Wilson (1979) are misidentifications]; Fenton and Bell (1981) [however, there is no way of verifying this published record, see "Echolocation" section], Mozambique (Smithers and Lobao-Tello, 1976), Guinea-Bissau (Simmons 2005: 354), Guinea (Csorba *et al.*, 2003: 9 - 10), Ghana (Csorba *et al.*, 2003: 9 - 10). A record from Gambia is doubtful according to Kock *et al.* (2002: 85), since it is possibly of an adolescent *R. landeri*, as is the record from Ivory Coast that is also apparently a *R. landeri* (see Simmons 2005: 354).

Geographic variation:

See "Taxonomy" section.

General description of external morphology:

See Smithers (1983), Skinner and Smither (1990), Taylor (2000), Csorba *et al.* (2003: 9 - 10), Taylor (2005).

General description of cranial and dental morphology:

See Smithers (1983), Skinner and Smither (1990), Taylor (2000), Csorba *et al.* (2003: 9 - 10), Taylor (2005).

Detailed morphology:

Of the skull, teeth and noseleaves see Csorba *et al.* (2003: 9 - 10).

Functional morphology:

Unknown.

Sexual dimorphism:

Five mensural characters (forearm length, fourth metacarpal length, width across the upper canines, rostral width, and length of the mandibular tooththrow) showed significant variation between the sexes in an analysis of specimens from Koegelbeen Cave in the Northern Cape Province of South Africa (Rautenbach, 1986).

Echolocation:

For bats at Sengwa in Zimbabwe see Fenton and Bell (1981), however, verification of this identification is not possible given the lack of voucher specimens.

Molecular biology:

DNA - Unknown.

Karyotype - Peterson and Nagorsen (1975) reported the diploid number as $2n=58$, $afn=62$, $BA=6$, $X=ST$, $Y=?$, based on specimens from Zimbabwe. These results were supported by Rautenbach (1986) who also reported the Y chromosome to be metacentric. Karyologically identical to *R. swinnyi* (Csorba *et al.*, 2003: 9 - 10).

Protein / allozyme - Unknown.

Habitat:

Found in relatively arid regions (Csorba *et al.*, 2003: 9 - 10). Even the most south easterly record in Africa comes from the drier south-western part of the Free State Province of South Africa (Watson, 1998).

Habits:

In north western Namibia a specimen shot by Shortridge (1934: 52) at "Rua Cana Falls" had a slow fluttering *Kerivoula*-like flight, and several other individuals were observed "circling low among trees and bushes near the Cunene River on bright moonlight nights" (Shortridge, 1934: 52). Found roosting at Drotsky's Cave in Namibia throughout the year (Smithers, 1983; Skinner and Smither, 1990; Taylor, 2005).

Roost:

Shortridge (1934: 52) records finding a single individual, at Louisvale in the Northern Cape Province of South Africa, inside a low water culvert occupied by a small colony of *Nycteris*. Shortridge (1934: 52) also records finding two individuals "hanging from the thatched roof inside a small native house at Kaoko-Otavi" in the north western part of Namibia. Also found in caves (Smithers, 1983; Skinner and Smither, 1990; Taylor, 2005). At Drotsky's Cave in Namibia the bats were "clinging to the sides of stalactites...hanging freely from the sides in open clusters", and were found in semi-dark 90 m from the cave entrance and in total darkness deep in the cave (Smithers, 1983; Skinner and Smither, 1990; Taylor 2005). Notes on an index card for specimens in the Transvaal Museum, from a cave near Warrenton in the Northern Cape Province of South Africa, indicate the cave was wet with water on the floor and dripping from stalactites, and that the bats congregated in separate groups. James (1986: 218) recorded a single

individual at a disused quarry near Buxton in the North West Province, roosting on the ceiling of a "ruined mine structure which formed a 2 x 2 x 20 m cement, semi-dark room in a hillside".

Migration:

Unknown, although see "Habits" section.

Food / diet:

Insectivorous (Smithers, 1983; Skinner and Smither, 1990; Taylor, 2000; Taylor, 2005).

Predators:

Unknown.

Population:

Structure - Unknown.

Density - "Sparsely distributed", with no records of large colonies (Shortridge, 1934:52). At Drotsky's Cave in Namibia the bats were observed "clinging to the sides of stalactites in dozens" (Smithers (1983), Skinner and Smither (1990), Taylor (2005). Herselman and Norton (1985: 92) indicated that this species had not been collected from the Northern Cape province in the "last half century" and could be considered as "extremely rare, possibly extinct, in the Cape Province". Yet, specimens in the Transvaal Museum, collected from the Northern Cape Province of South Africa between 1983 and 1988, indicate that at three different visits; 12, 71 and 15 specimens were taken from Koegelbeen Cave, 12 specimens were taken on a single date from a cave near Warrenton, and 11 specimens were taken on a single date from a locality near Postmasberg.

Lifespan:

Unknown.

Activity and behaviour:

Notes on an index card for specimens in the Transvaal Museum, from a cave near Warrenton in the Northern Cape Province of South Africa, indicate that in on 14th of June 1983 the bats were in torpor.

Reproduction and ontogeny:

Unknown.

Mating:

Unknown.

Post-natal development:

Unknown.

Parasites:

Unknown.

Viruses:
Unknown.

Utilization:
Unknown.

Anthropophilous:
Unknown.

Distribution based on voucher specimens:
Namibia, **South Africa**.



Figure 58. Distribution of *Rhinolophus denti*

Rhinolophus eloquens K. Andersen, 1905

- *1905. *Rhinolophus Hildebrandti eloquens* K. Andersen, Ann. Mag. nat. Hist., ser. 7, 15 (85): 74. Type locality: Uganda: Entebbe. Type specimen: BMNH 1899.8.4.4 (ad, skin, collector: F.J. Jackson, Esq.: see Andersen (1905a: 75)). Publication date: 1 January 1905.
1922. *Rhinolophus hildebrandti perauritus* de Beaux, Atti Soc. ital. Sci. nat., 61: 22. Type locality: Somalia: Territory of the Rahanuin. Publication date: February 1922.
- ? *Rhinolophus eloquens*: Name combination.

Taxonomy:

Included as subspecies in *aethiops* by Kock (1969: 121). Includes *perauritus*; see Koopman (1975: 389). *fumigatus* species group (Csorba *et al.*, 2003: 47 - 48; Simmons 2005: 354). See Csorba *et al.*, 2003: 48) for remarks on taxonomy.

Common names:

English: Eloquent Horseshoe Bat. French: Rhinomophe éloquent.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); DD ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004u).

General distribution:

Uganda, Ethiopia (Lavrenchenko *et al.*, 2004: 147), S Somalia, S Sudan, NE Democratic Republic of the Congo, Kenya, Rwanda, N Tanzania, Zanzibar and Pemba.

Distribution based on voucher specimens:

Tanzania, Uganda.



Figure 59. Distribution of *Rhinolophus eloquens*

Rhinolophus euryale Blasius, 1853

- *1853. *Rhinolophus euryale* Blasius, Arch. Naturgesch. Berlin, 19 (1): 49, 52, 54. Type locality: Italy: Milan. Publication date: 1853.
1867. *Rhinolophus algirus* Loche, Expl. Sci. Algérie, Zool., Mamm., p. 83. Type locality: Algeria: "Jardin Marengo". Publication date: 1867. Allen (1939a: 74) states that this name is not certainly identifiable, but may possible prove to supersede *barbarus* if the types can be found.
1904. *E[uryalus] atlanticus* K. Andersen and Matschie, Sitzb. Ges. Naturf. Freunde Berlin, 77. Type locality: France: Indre-et-Loire, St. Paterna. -
1904. *E[uryalus] barbarus* K. Andersen and Matschie, Sitzb. Ges. Naturf. Freunde Berlin, 79. Type locality: Morocco: Tangiers. -
1904. *E[uryalus] Cabrerae* K. Andersen and Matschie, Sitzb. Ges. Naturf. Freunde Berlin, 78. Type locality: Spain: Madrid, Alcala de Henares. - Mentioned as *cabrerae* by Trouessart, 1910 (see Cabrera, 1914: 83).
1904. *E[uryalus] meridionalis* K. Andersen and Matschie, Sitzb. Ges. Naturf. Freunde Berlin, 79. Type locality: Algeria: no specific locality. -

Taxonomy:

Revised by DeBlase (1972). Gaisler (2001b: 68) does not recognise subspecies. *euryale* species group (Csorba *et al.*, 2003: 14 - 16; Simmons 2005: 354 - 355). See Csorba *et al.*, (2003: 16) for remarks on taxonomy.

Molecular biology:

DNA - Unknown.

Karyotype - Both Bovey (1949) and Manfredi Romanin *et al.* (1975) reported $2n = 58$, FN = 60.

Protein / allozyme - Unknown.

Common names:

Basque: Ferra-saguzar mediterranea.
 Catalan: Rat penat mediterrani de ferradura.
 Dutch: Paarse hoefijzerneus. English: Mediterranean Horseshoe Bat. French: Rhinolophe euryale. Gallician: Morcego mediterráneo de ferradura. German: Mittelmeerhufeisennase, Mittelmeer-Hufeisennase. Hungarian: kereknyergű patkósorrú denevér. Italian: Rinolofo Euriale, Ferro di cavallo Euriale, ferro di cavallo mediterraneo. Portuguese: Morcego-de-ferradura-mediterrânico. Russian: Yuzhnyj podkovonos. Slovenian: južni podkovnjak. Spanish (Castilian): Murciélago mediterráneo de herradura, Rinolofo mediterráneo de herradura, Murciélago de herradura mediterráneo.

Conservation status:

Global- VU A2c ver 2.3 (1994).

General distribution:

Transcaucasia (incl. Abkhasia) to Israel, Jordan, Syria, and S Europe (Portugal, C France to S Slovakia, Bulgaria, Hungary, Slovenia, Albania, Romania, Greece); Turkey, Turkmenistan; Iran; Algeria; Morocco; Tunisia; various Mediterranean islands; perhaps Egypt.



Figure 60. Distribution of *Rhinolophus euryale*

Distribution based on voucher specimens:
 Algeria, Morocco, Tunisia.

Rhinolophus ferrumequinum (Schreber, 1774)

- *1774. *Vespertilio ferrum-equinum* Schreber, Die Säugethiere, 1 (8): pl. 62, upper fig + 1 (9): 174. Type locality: France: no specific locality. Publication date: 1774.
1792. *major* Kerr, Animal Kingdom. This might be an African form, but we lack further information.
1803. *major* E. Geoffroy Saint-Hilaire, Cat. Mamm. Mus. nat. Hist. nat., Paris. This might be an African form, but we lack further information.
- ? *Rhinolophus ferrumequinum*: Name combination.

Taxonomy:

Revised by Strelkov *et al.*, (1978). *ferrumequinum* species group (Csorba *et al.*, 2003: 42 - 45; Simmons 2005: 355). See Csorba *et al.*, (2003: 44 - 45) for remarks on the taxonomy.

Common names:

Arabian: Khafash abu hadwa kabir. Basque: Ferra-saguzan handia. Catalanian: Rat penat gran de ferradura. Czech: vrápenec velký. Dutch: Grote hoefijzerneus. English: Larger Horseshoe Bat, Greater Horseshoe Bat. French: le grand rhinolophe fer à cheval; Grand Rhinolophe, Grand Fer-à-Cheval. Gallician: Morcego de ferradura grande. German: Große Hufeisennase, Großhufeisennase. Hungarian: nagy patkósorrú denevér, Nagy patkósdenevér. Italian: Rinolofo maggiore, Ferro di Cavallo Maggiore. Maltees: Farfett il-Lejl tan-Nala kbir. Norwegian: Stor hestekonese. Portuguese: Morcego-de-ferradura-grande. Roman: Nas fier-chaval grond. Russian: Bolshoj podkovonos. Slovenian: veliki podkovnjak. Spanish (Castilian): Murciélago grande de herradura, Rinolofo grande de herradura.

Etymology of name:

From the Latin "*ferrum*" meaning iron and "*equus*" meaning horse.

Conservation status:

Global- LR/nt ver 2.3 (1994).

General distribution:

S England (over the Netherlands, Austria, Czech Republic) to Caucasus Mtns (incl. Abkhasia) south (over Portugal, Albania, Greece) to Morocco and Tunisia (but not Egypt) through Jordan and Iran and Himalayas (N India, Nepal, Sikkim) to China and Japan; adjacent small islands.

Molecular biology:

DNA - Unknown.

Karyotype - Makino (1948) and Baker *et al.* (1974; 1975) all reported $2n = 58$, FN = 60, a submetacentric X chromosome, and an acrocentric Y chromosome. Capanna and Civitelli (1964a), however, reported FN = 62.

Protein / allozyme: Unknown.

Rhinolophus fumigatus Rüppell, 1842

- *1842. *Rhinolophus fumigatus* Rüppell, Mus. Senckenberg., 3 (2): 132, 155. Type locality: Ethiopia: Shoa. Type specimens: "SMF II.F.7a & b" (cotypes, gift from Dr. Rüppell, 1841: see Andersen (1904b: 451). Mertens (1925: 20) mentions SMF 4372 (old catalog II.F.7.a, ad, mounted skin, skull not removed) as Lectotype.
1869. *Rhinolophus aethiops* Peters, Monatsb. K. preuss. Akad. Wiss. Berlin, p. 637 (for 1868). Type locality: Namibia: Damaraland, Otjimbingue. -
1877. *Rhinolophus macrocephalus* Heuglin, Reise in Nordost Afrika, 2: 22. Type locality: Ethiopia: Adowa. Type specimens: SMNS 1059 (2 syntypes, 1 imm F, 1 ad F: v. Heuglin, 1863: see Andersen (1904b: 451). Publication date: 1877.
1885. *Rhinolophus antinorii* Dobson, Ann. Mus. civ. Stor. nat. Genova, (2) 2: 16. Type locality: Ethiopia: Shoa, Daimbi. Publication date: 22 May 1885.
1905. *Rhinolophus fumigatus exsul* K. Andersen, Ann. Mag. nat. Hist., ser. 7, 15 (85): 74. Type locality: Kenya: Kitui [3 500 ft (= 1 067 m)]. Type specimen: BMNH 1901.5.6.3 (ad, skin, collector Mrs. H. Hinde, collection date: 3 January 1901, original number: 68: see Andersen (1905a: 74)). Publication date: 1 January 1905. Considered a valid subspecies by Ansell and Dowsett (1988: 32).
1913. *Rhinolophus foxi* Thomas, Ann. Mag. Nat. Hist., ser. 8, 11 (63): 314. Type locality: Nigeria: Northern Nigeria, Bauchi plateau, Kabwir [2 500 ft (=762 m)]. Type specimen: BMNH 1913.2.5.1 (Holotype, ad M, collected ad presented by Mr. J.C. Fox, of the Cambridge University Mission, collection date: 14 November 1912, original number 45). Publication date: 1 March 1913.
1914. *acrotis* G.M. Allen, Bull. Mus. comp. Zool. Pre-occupied by *acrotis* Heuglin, 1861.
1917. *Rhinolophus abæ* J.A. Allen, Bull. Am. Mus. Nat. Hist., 37 (18): 428. Type locality: Democratic Republic of the Congo: Uele district, Aba. Type specimen: AMNH 49113 (ad F, skin and skull, collector: Herbert Lang and James P. Chapin (American Museum Congo Expedition), collection date: 15 December 1911, original number 1756). Publication date: 29 September 1917.
1939. *Rhinolophus aethiops diversus* Sanborn, Field Mus. Nat. Hist., Zool. Ser., 24: 42. Type locality: Senegal: Bakel [14 54 N 12 26 W]. Considered a valid subspecies by Grubb *et al.* (1998: 77), but they also remark that it might be a subspecies of *aethiops*. Type specimen: BMNH 1919.7.7.2774.

Taxonomy:

Does not include *eloquens* or *perauritus*, but does include *aethiops*; see Koopman (1975: 389 - 390). *fumigatus* species group (Csorba *et al.*, 2003: 48 - 51; Simmons 2005: 356). See Csorba *et al.*, (2003: 49 - 50) for remarks on taxonomy.

Common names:

Afrikaans: Rüppell se saalneusvlermuis, Rüppell-saalneusvlermuis. English: Rüppell's Horseshoe Bat, Smoky Horseshoe Bat, Abyssinian Horseshoe Bat. French: Rhinolophe de Rüppell. Portuguese: Morcego ferradura da Damarlandia.

Etymology of name:

From the Latin "*fumigat*" meaning smoke. The colloquial name refers to the describer of the species (see Taylor 2005).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004aj).
Regional- South Africa- NT ver 3.1 (2001) (Friedmann and Daly 2004).

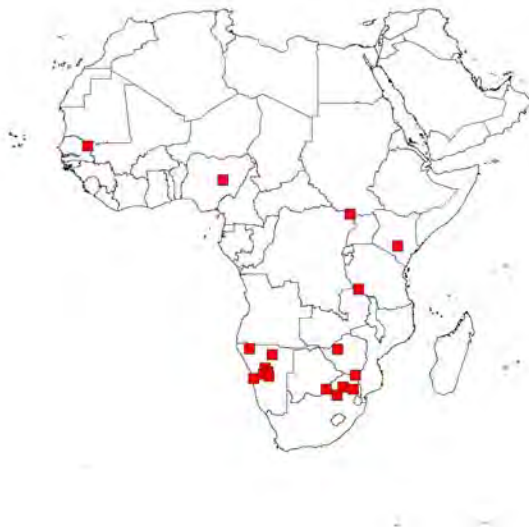
General distribution:

Somalia, Ethiopia, Sudan, Kenya, Tanzania, Rwanda, Burundi, Democratic Republic of the Congo, Nigeria, Sierra Leone, Togo, Benin, Senegal, Gambia, Guinea, Burkina Faso, Ghana, Mali (Meinig, 2000: 105), Benin (Capo-Chichi *et al.*, 2004: 162), Niger, Nigeria, Cameroon, Central African Republic, Zambia, Malawi, Zimbabwe, Mozambique, Angola, Namibia, Botswana (Cotterill, 2004: 261), South Africa.

Molecular biology:

DNA - Unknown.

Karyotype - Rautenbach (1986 1459)



Distribution based on voucher specimens:
Congo (Democratic Republic of the), Ethiopia,
Kenya, Namibia, Nigeria, Senegal, South Africa,
Tanzania, Zimbabwe.

Figure 61. Distribution of *Rhinolophus fumigatus*

***Rhinolophus guineensis* Eisentraut, 1960**

*1960. *Rhinolophus guineensis* Eisentraut, Stuttgarter Beitr. Naturk. 39: 1. Type locality: Guinea: Tahire, foot of Kelesi Plateau.

Taxonomy:

Meester *et al.* (1986) state that Rosevear (1965) and Kock (1969) regard *guineensis* Eisentraut, 1960, from Guinea, as subspecifically distinct from *landeri*. Hayman and Hill (1971), on the other hand, consider it a synonym, while Bohme and Hutterer (1978), Csorba *et al.*, (2003: 59 - 61) and Simmons (2005: 356) regard it as a distinct species, sympatric with *landeri* and somewhat larger.

Common names:

English: Guinean Horsehoe Bat (Csorba *et al.*, 2003: 59 - 61; Simmons, 2005).

Etymology of name:

Refers to country from which the type specimen was collected.

Similar species:

See Csorba *et al.* (2003).

Palaeontological / archaeological records:

Unknown.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); VU B2ab(iii) ver 3.1 (2001) (IUCN 2004; Fahr, 2004g).

General distribution:

Senegal, Guinea and Sierra Leone (Csorba *et al.*, 2003; Simmons, 2005). Simmons (2005) also

listed Liberia.

Geographic variation:

Unknown.

General description of external morphology:

See Csorba *et al.* (2003).

General description of cranial and dental morphology:

See Csorba *et al.* (2003).

Detailed morphology:

For a description of the crania, teeth, and noseleaves see Csorba *et al.* (2003).

Functional morphology:

Unknown.

Sexual dimorphism:

Unknown.

Echolocation:

Unknown.

Molecular biology:

DNA, karyotype, protein / allozyme - Unknown.

Habitat:

See Csorba *et al.* (2003).

Habits:

See Csorba *et al.* (2003).

Rhinolophus hildebrandtii Peters, 1878

- *1878. *Rhinolophus hildebrandtii* Peters, Monatsb. K. preuss. Akad. Wiss. Berlin, p. 195, pl. 1, f. 1, 1a. Type locality: Kenya: Taita district, Ndi. Type specimen: BMNH 1879.1.21.1 (Holotype).

Taxonomy:

See Pearl (1994, Mammalian Species, 486). *fumigatus* species group (Csorba *et al.*, 2003: 51-53; Simmons 2005: 356). See Csorba *et al.*, (2003: 52) for review of taxonomy.

Republic of the Congo, Uganda (Kityo and Kerbis, 1996: 61). Taylor (1998: 35) mentioned Pleistocene deposits of this species reported by Avery (1991) from Border Cave, northern Maputaland, KwaZulu-Natal.



Figure 62 *Rhinolophus hildebrandtii*

Echolocation:

See Aldridge and Rautenbach (1987), Taylor (1999), and Taylor *et al.*, (2005).

Molecular biology:

DNA - Unknown.

Karyotype - Both Peterson and Nagorsen (1975) and Rautenbach (1986) reported $2n = 58$, $FN = 60$, $BA = 4$, and submetacentric X and Y chromosomes.

Protein / allozyme - Unknown.

Common names:

Afrikaans: Hildebrandt se saalneusvlermuis, Hildebrandt-saalneusvlermuis, Hildebrandtse Vlermuis. English: Hildebrandt's Horseshoe Bat. French: Fer à cheval du Kenya, Fer à cheval d'Hildebrandt, Rhinolophe de Hildebrandt. Portuguese: Morcego ferradura de Hildebrandt.

Etymology of name:

In honour of J.M. Hildebrandt (see Pearl 1994: 3, Taylor 2005).

Palaeontological / archaeological records::

R. hildebrandtii was found in the earlier half of the upper Pleistocene sequence at Border Cave, South Africa (Avery 1991: 6).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Jacobs 2004i). Regional- South Africa- NT ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

Transvaal (South Africa) and Mozambique, Malawi (Happold and Happold, 1997: 818), Zimbabwe, Zambia, Namibia (?) (Cotterill, 2004: 261) to Ethiopia, S Sudan, and NE Democratic



Figure 63. Distribution of *Rhinolophus hildebrandtii*

Distribution based on voucher specimens:

Congo (Democratic Republic of the), Ethiopia, Kenya, Malawi, Mozambique, South Africa, Tanzania, Tanzania [=former Tanganika], Tanzania [=former Tanganyika], Unknown country, Zambia, Zimbabwe.

Rhinolophus hillorum Koopman, 1989

- *1989. *Rhinolophus hillorum* Koopman, Am. Mus. Novit., 2946: 4. Type locality: Liberia: Lofa county, ca 2 mi SW Voinjama, near Zozoma, John Hegbe farm [08 25 N 09 35 W, 500 m]. Type specimen: AMNH 257044 (ad F, alcoholic and skull, collector Andrew S. Voros, original number 5924, collection date: early October).

Taxonomy:

Considered a synonym of *clivosus* by Koopman (1993a: 164), but see Simmons (2005: 356). See Csorba *et al.*, 2003: 131) for remarks on taxonomy.

Common names:

English: Hill's horseshoe bat.

Etymology of name:

In honour of the two (often confused) eminent mammalogists named John E. Hill: J. Eric (1907-1947), and J. Edwards (1928-1997) (see Koopman, 1989: 5).

Conservation status:

Global- VU A4c; B2ab(iii) ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004s).

General distribution:

Guinea (Fahr *et al.*, 2006a: 72), Liberia, Nigeria, Cameroon.



Figure 64. Distribution of *Rhinolophus hillorum*

Distribution based on voucher specimens:

Liberia.

Rhinolophus hipposideros (Bechstein, 1800)

1792. *minor* Kerr, Animal Kingdom, 99. Pre-occupied by minor Kerr, 1792: 97 (two pages before this) (see Simmons, 2005). Type locality: France. Publication date: February 1792.
- *1800. *Vespertilio hipposideros* Bechstein, Allgemeine Ueber. Vierfüß. Thiere, 2: 629. Type locality: France: no specific locality.
1861. *Rhinolophus miminus* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 29 (8): 4, 6. Type locality: Eritrea: Keren [c 15 45 N 38 20 E]. Type specimen: SMNS 987 (imm, but full-grown M, alcoholic, v. Heuglin, 1862 (?)). Publication date: 1861.
1870. *Rhinolophus eggenhöffner* Fitzinger, Sber. k. Akad. Wiss. Wien, math. naturw. Kl., 62 (1): xx. This might be an African form, but we do not have any further information.
1905. *Rhinolophus hipposiderus typicus* K. Andersen, Proc. Zool. Soc. Lond., 1905, II, I (10): 141. Publication date: 7 October 1905. This might be an African form, but we lack any further information.
1918. [*Rhinolophus hipposideros*] *escaleræ* K. Andersen, Ann. Mag. nat. Hist., ser. 9, 2 (10): 378. Type locality: Morocco: Mogador, Ha-ha. Type specimen: BMNH 1910.11.24.2 (F, collector M. de la Escalera, presented by Oldfield Thomas; see Andersen, 1918: 378). Publication date: 1 October 1918.
1937. *Rhinolophus hipposideros vespa* Laurent, Bull. Soc. Hist. Nat. Afrique Nord, 28: 157, tet f. 1-2. Type locality: Morocco: Korifla. Publication date: February 1937.
1978. *eggenhoffner* Corbet, The mammals of the Palaearctic region: xxx. Lapsus. Possibly extralimital.
- ? *Rhinolophus hipposideros*: Name combination.

Taxonomy:

Revised by Felten *et al.* (1977). The status of populations around the Mediterranean, on Mediterranean Islands, and on both sides of the Red see is unclear (see Horáček *et al.*, 2000: 101). *hipposideros* species group (Csorba *et al.*, 2003: 53 - 55; Simmons 2005: 356 - 357). See Csorba *et al.*, (2003: 54) for review of taxonomy.

Common names:

Arabian: Khafash abu hadwa saghir. Basque: Ferra-saguzar txikia. Catalanian: Rat penat petit de ferradura. Czech: vrápenec malý. Dutch: Kleine hoefijzerneus. English: Lesser Horseshoe Bat. French: Petit Rhinolophe, Petit rhinolophe fer à cheval, Petit Fer-à-Cheval. Gallician: Morcego pequeno de ferradura. German: Kleine Hufeisennase, Kleinhufeisennase. Hungarian: kis patkósorrú denevér, Kis patkósdenevér. Italian: Rinolofo minore, Ferro di Cavallo Minore. Maltees: Farfett il-Lejl tan-Nala Zghir. Norwegian: Liten hesteskone. Portuguese: Morcego-de-ferradura-pequeno. Roman: Nas fier-chaval pitschen. Russian: Malyj podkovonos. Spanish (Castilian): Murciélago pequeño de herradura, Rinolofo pequeño de herradura.

Etymology of name:

From the Greek "*ippos*" meaning horse and "*sidero*" meaning iron (see Kozhurina, 2002: 15).

Conservation status:

Global- VU (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004af).

General distribution:

Ireland, the Netherlands, Iberia and Morocco through S Europe (incl. Portugal, Austria, Czech

Republic, Albania, Greece) and N Africa; Ethiopia, Djibouti (Pearch *et al.* (2001: 388); through Israel and Jordan to Kirghizia (incl. Abkhasia) and Kashmir; Arabia; Sudan; Ethiopia (Lavrenchenko *et al.*, 2004: 147).

Molecular biology:

DNA - Unknown.

Karyotype - Capanna *et al.* (1967) reported $2n = 56$, FN = 60.

Protein / allozyme - Unknown.



Figure 65. Distribution of *Rhinolophus hipposideros*

Distribution based on voucher specimens: Algeria, Eritrea, Morocco.

***Rhinolophus landeri* Martin, 1838**

- *1838. *Rhinolophus landeri* Martin, Proc. Zool. Soc. Lond., 1837, V (lviii): 101. Type locality: Equatorial Guinea: Bioko [Formerly Fernando Po]. Type specimen: BMNH 1855.12.26.250 (Holotype). Publication date: 25 May 1838.
1852. *Rhinolophus lobatus* Peters, Naturw. Reise Mossamb., Säugethiere, p. 41, pl. 9; pl. 13. Type locality: Mozambique: S bank Zambesi River, Tette, Sena [17 28 S 35 01 E] (Brown and Dunlop (1997: 1): "Africa orientalis, Sena, Tette" (=Sena, Mozambique) restricted by Moreau *et al.* (1946: 399). Coordinates: see Ansell and Dowsett (1988: 33)). Publication date: 1852. Considered a valid subspecies by Kock (1969: 114), Ansell and Dowsett (1988: 33), Taylor (1998: 37). -
1898. *Rhinolophus angolensis* Seabra, J. Sci. mat. phys. nat., Lisboa, ser. 2, 5: 250. Type locality: Angola: Hanha.
1904. *Rhinolophus Dobsoni* Thomas, Ann. Mag. Nat. Hist., ser. 7, 14 (80): 156, footnote. Type locality: Sudan: Kordofan. Type specimen: BMNH 1847.5.7.49 (Holotype, F). Publication date: 1 August 1904.
1917. *Rhinolophus axillaris* Allen, Bull. Am. Mus. Nat. Hist., 37 (18): 429. Type locality: Democratic Republic of the Congo: Uele district, Aba. Type specimen: AMNH 49175 (ad M, skin and skull, collector: Herbert Lang and James P. Chapin (American Museum Congo Expedition), collection date: 17 December 1911, original number 1807). Publication date: 29 September 1917.

Taxonomy:

Meester *et al.* (1986) state that Rosevear (1965) and Kock (1969) regard *guineensis* Eisentraut, 1960, from Guinea, as subspecifically distinct from *landeri*. Hayman and Hill (1971), on the other hand, consider it a synonym, while Bohme and Hutterer (1978), Csorba *et al.*, (2003: 59 - 61) and Simmons (2005: 356) regard it as a distinct species, sympatric with *landeri* and somewhat larger.

Other names associated with *landeri* are *dobsoni* Thomas, 1904, which is either a synonym (Kock 1969) or a valid subspecies (Koopman 1975); and *angolensis* Seabra, 1898, which is listed as a species by Hill and Carter (1941) and Ellerman *et al.* (1953), while Hayman and Hill (1971), Koopman (1975, 1982), Csorba *et al.* (2003: 61 - 63) and Simmons (2005: 357) regard it as a member of the '*landeri* species group. See Csorba *et al.*, (2003: 62) for remarks on taxonomy.

Common names:

Afrikaans: Lander se saalneusvlermuis, Lander-saalneusvlermuis. English: Lander's Horseshoe Bat. French: Rhinolophe de Lander. Portuguese: Morcego ferradura de Lander.

Etymology of name:

Named by Martin after an early West African explorer, Richard Lander (see Rosevear 1965; Taylor 2005).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004ap).

Regional- South Africa- Indeterminate (Smithers 1986); NT ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

Senegal, Guinea (Fahr and Ebigo, 2003: 128) over Benin (Capo-Chichi *et al.*, 2004: 162) to Ethiopia and Somalia, south (over Republic of the Congo (Dowsett *et al.*, 1991: 259), Zambia, Zimbabwe (Cotterill, 2004: 261) to South Africa and Namibia; Bioko; Zanzibar.

Echolocation:

See O'Shea and Vaughan (1980), Aldridge and Rautenbach (1987), Taylor (1999) and Taylor *et al.*, (2005).

Molecular biology:

DNA - Unknown.

Karyotype - $2n = 58$, FN = 60, BA = 4, and a submetacentric X chromosome (Rautenbach *et al.*, 1993).

Protein / allozyme - Unknown.



Distribution based on voucher specimens:
Cameroon, Congo (Democratic Republic of the),
Equatorial Guinea, Kenya, Malawi, Mozambique,
Namibia, South Africa, Sudan, Tanzania,
Zimbabwe.

Figure 66. Distribution of *Rhinolophus landeri*

Rhinolophus maclaudi Pousargues, 1897

- *1897. *Rhinolophus Maclaudi* Pousargues, Bull. Mus. natn. Hist. nat., Paris, 3: 358, f. 1, 2. Type locality: Guinea: Conakry Island. Type specimen: MNHN 1897-281. Grubb *et al.* (1998: 78) mention 1898 as publication date.

Taxonomy:

R. maclaudi is an ecomorphological outlier having long-ears, which traditionally placed it in the *R. philippinensis* group (Andersen 1905d). Csorba *et al.* (2003: xvii, 63 - 64), states that it is located well inside the Africa clade, in the *maclaudi*-group, and is followed by Simmons (2005: 358). Koopman (1993a: 167) included *ruwenzorii* and *hilli*, but revised by Fahr *et al.*, (2002), who recognizes them as distinct species (followed by Csorba *et al.*, 2003 and Simmons 2005).

Conservation status:

Global- LR/nt (Baillie and Groombridge 1996); EN B1ab(iii) ver 3.1 (2001) (IUCN 2004; Fahr 2004e).

General distribution:

Guinea, Liberia (Simmons 2005: 358) and the record from Nigeria indicated in Koopman *et al.* (1995: 6, 19) and Happold (1987: 60 - 61) and included in Csorba *et al.*, (2003: 64) was re-identified as *R. hildebrandtii* (in Fahr *et al.*, 2002: 99).

Common names:

English: MacLaud's Horseshoe Bat. French: Rhinolophe de Maclaud.

Distribution based on voucher specimens:

Guinea.

Etymology of name:

Named in honour of dr. Maclaud, collector of the holotype (Pousargues, 1897: 361).

Rhinolophus maendeleo Kock, Csorba and Howell, 2000

- *2000. *Rhinolophus maendeleo* Kock, Csorba and Howell, Senckenb. biol., 80 (1/2): 234. Type locality: Tanzania: Tanga District, 2.5 km W of Tanga, Mkulumuzi River Gorge, Amboni Cave Forest [05 05 S 39 02 E, 0 - 80 m]. Type specimen: SMF 79643.

Taxonomy:

adami species group (Csorba *et al.*, 2003: 5 - 7; Simmons, 2005: 359). See Csorba *et al.*, (2003: 6) for remarks on taxonomy.

Common names:

English: Maendeleo Horseshoe Bat.

Etymology of name:

From the Swahili "*maendeleo*" for progress; a noun in apposition. Named in allusion to the increasing knowledge of the Tanzanian bat fauna (see Kock *et al.* 2000).

Conservation status:

Global- DD ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004r).

General distribution:

NE Tanzania.

Distribution based on voucher specimens:

Tanzania.

Rhinolophus mehelyi Matschie, 1901

- *1901. *Rhinolophus mehelyi* Matschie, Sitzb. Ges. Naturf. Freunde Berlin, p. 225. Type locality: Romania: Bucharest.
 1955. *Rhinolophus euryale tuneti* Deleuil and Labbé, Bull. Soc. Sci. Nat. Tunisie, 8: 52, 53. Type loc: Tunisia: Cap Bon, El Haouaria cave. Horáček *et al.* (2000: 102) consider it a valid subspecies.
 1993. *tunetae* Koopman, Mammal Species of the World: 167. Lapsus.
 1995. *tunetai* Pavlinov, Borissenko, Kruskop and Jahonton, Arch. Zool. Mus., Mosc. State Univ., 133: 81. Lapsus.

Taxonomy:

Revised by DeBlase (1972). *euryale* species group (Csorba *et al.*, 2003: 17 - 18; Simmons 2005: 359). See Csorba *et al.*, (2003: 17 - 18) for remarks on taxonomy.

Common names:

Catalonian: Rat penat mitjà de ferradura. Dutch: Mehely-hoefijzerneus. English: Mehely's horseshoe bat, Mediterranean Horseshoe Bat. French: Rhinolophe de Méhély, Rhinolophe des forêts. German: Mehely-Hufeisennase. Italian: Rinolofo di Méhély, Ferro di cavallo di Méhély. Portuguese: Morcego-de-ferradura-mourisco. Spanish (Castilian): Murciélago mediano de herradura, Rinolofo mediano de herradura.

Etymology of name:

In honour of Lajos Méhély (1862 - 1952) (see Kozhurina, 2002: 16).

Karyotypic:

Dulic and Soldatovic (1969) reported the diploid number as 2n= 58, aFN=64, X= SM, Y= A. While

Baker *et al.*, (1974, 1975) reported the aFN= 60 and BA= 4.

Conservation status:

Global- VU A2c ver 2.3 (1994) (IUCN 2004).

General distribution:

Portugal, Spain, France, Sardinia, Sicily to Rumania, Yugoslavia, Bulgaria, Greece, Transcaucasia; Morocco, N Algeria (Horáček *et al.*, 2000: 102) to Cyrenaica (Libya); Mediterranean islands, Iran, Iraq, Afghanistan, Asia Minor, Israel, Jordan, Egypt.

Molecular biology:

DNA - Unknown.

Karyotype - Dulic and Soldatovic (1969) reported 2n = 58, FN = 64, a submetacentric X chromosome, and an acrocentric Y chromosome. While Baker *et al.*, (1974, 1975) reported FN = 60 and BA = 4.

Protein / allozyme - Unknown.

Rhinolophus ruwenzorii J. Eric Hill, 1942

- *1942. *Rhinolophus ruwenzorii* J. Eric Hill, Am. Mus. Novit., 1180: 1. Type locality: Democratic Republic of the Congo: Kivu, W slope of Mount Ruwenzori, Buhatu valley [7 500 ft (=2 286 m)] (Fahr *et al.* (2002: 99) mention "S-side of Butahu Valley, 2286 m, W slope Rwenzori Mts., Congo (K.)."). Type specimen: AMNH 82394 (ad F, collector: James P. Chapin, Sage and Matthews [Ruwenzori-Kivu Expedition, collection date: 24 December 1926]). Publication date: 28 July 1942.
1973. *Rhinolophus hilli* Aellen, Period. biol., 75 (1): 101. Type locality: Rwanda: Préfecture de Cyangugu, Uwinka [2 300 m]. Type specimen: ZMUZ(ürich) 126639 (ad F, alcoholic, collector U. Goepel, collection date 25 August 1964). Fahr *et al.* (2002: 108) consider it a valid species.

Taxonomy:

Included in *maclaudi* by Koopman (1993a: 167), see Smith and Hood (1980: 170); but see Fahr *et al.* (2002), Csorba *et al.*, (2003: 65 - 66) and Simmons (2005: 362).

Conservation status:

Global- VU A4c; B1ab(iii) ver 3.1 (2001) assessed as *R. hilli* (IUCN 2004; Fahr 2004f). VU A4c; B1ab(iii) ver 3.1 (2001) (IUCN 2004; Fahr 2004d).

Common names:

English: Ruwenzori horseshoe bat.

General distribution:

E Democratic Republic of the Congo, W Uganda (Kityo and Kerbis, 1996: 60), Rwanda.

Etymology of name:

Referring to the Ruwenzori mountains, where the type specimen was collected.

Distribution based on voucher specimens:

Congo (Democratic Republic of the), [Rwanda](#).

Rhinolophus sakejiensis Cotterill, 2002

- *2002. *Rhinolophus sakejiensis* Cotterill, J. Zool., Lond., 256: 166. Type locality: Zambia: Mwinilunga district, Ikelenge Pedicle between the Sakeji and Zambezi rivers, apprx. 11 km NNE of source of Zambezi river, Kavunda [11 17 S 24 21 E, 1388 m]. Type specimens: NHMZ 29153 (Holotype, ad M, skull and alcoholic, baculum extracted, collector F.P.D. Cotterill, original number FWC 1090, collection date 11 October 1990); NHMZ 29154 (Paratype, sad M, skull and alcoholic, baculum extracted, collector F.P.D. Cotterill, original number FWC 1091, collection 11 October 1990); HZM 1.32236 (Paratype, ad M, skull and alcoholic, baculum extracted, collector F.P.D. Cotterill, original number FWC 1092, collection 11 October 1990).

Taxonomy:

Cotterill (2002: 5) considers it a member of the *ferrumequinum* species group followed by Simmons (2005: 362). See Csorba *et al.*, (2003: 132 - 133) for remarks on taxonomy.

Common names:

English: Sakeji horseshoe bat.

Conservation status:

Global- DD ver 3.1 (2001) (IUCN 2004; Cotterill 2004c).

General distribution:

Only known from the type locality.

Distribution based on voucher specimens:

[Zambia](#).



Figure 67. Distribution of *Rhinolophus sakejiensis*

Rhinolophus silvestris Aellen, 1959

- *1959. *Rhinolophus silvestris* Aellen, Arch. Sci. Genève, 42: 228. Type locality: Gabon: Latourville, N'Dumbu cave. Type specimen: MHNG 965.40 (ad M, alcoholic, collector P. Strinati and Villy Aellen, collection date: 4 August 1957).
- ? *Rhinolophus clivosus silvestris*: Name combination.

Taxonomy:

Considered a subspecies of *clivosus* by Hayman and Hill (1971: 23), but see Koopman (1975: 386), Cotterill (2002), Csorba *et al.*, (2003: 46 - 48) and Simmons (2005: 363). Forms part of the *ferrumequinum* species group (Cotterill 2002; Csorba *et al.*, 2003: 46 - 48); Simmons 2005: 363).

Conservation status:

Global- LR/nt (Baillie and Groombridge 1996); VU B2ab(iii) ver 3.1 (2001) (IUCN 2004; Cotterill 2004g).

General distribution:

Gabon, Republic of the Congo.

Common names:

English: Forest Horseshoe Bat. French: Rhinolophe forestier.

Etymology of name:

From the Latin for forest dweller (see Flannery, 1995: 321).

Rhinolophus simulator K. Andersen, 1904

- *1904. *Rhinolophus simulator* K. Andersen, Ann. Mag. Nat. Hist., ser. 7, 14 (83): 384. Type locality: Zimbabwe: Mashonaland, Mazoe. Type specimen: BMNH 1902.2.7.10 (Holotype, ad M, alcoholic, collector J. ff. Darling). Publication date: 1 November 1904.
1914. *Rhinolophus bembanicus* Senna, Annuario Mus. Zool. R. Univ. Napoli, (2) 4: no 9, p. 1, 2, text-fig 1, 2. Type locality: Zimbabwe: Lake Bengueolo [=Lake Bangweulu]. Publication date: 27 March 1914. Ansell and Dowsett (1988: 34) indicate that *bembanicus* might represent a separable species, but the type specimen no longer exists.
1936. *Rhinolophus alcyone alticolus* Sanborn, Field Mus. Nat. Hist., Zool. ser., 20: 108. Type locality: Cameroon: Mount Cameroon [5 800 ft (=1 768 m)]. Publication date: 15 August 1936.

Taxonomy:

Includes *alticolus* and *bembanicus* (see Koopman (1975: 387); Hayman and Hill (1971: 25); Koopman 1993a: 169; Simmons 2005: 363). *capensis* species group (Csorba *et al.*, 2003: 10 - 12; Simmons 2005: 363).



Figure 68. *Rhinolophus simulator*

Common names:

Afrikaans: Bosveldsaalneusvlermuis, Bosveldvlermuis. English: Bushveld Horseshoe Bat. French: Rhinolophe du Bushveld, Rhinolophe du Veld. Portuguese: Morcego ferradura das savanas.

Etymology of name:

The colloquial name refers to its occurrence in savanna woodland in the subregion (see Taylor 2005).

Palaeontological / archaeological records:

R. simulator may be present in the late Holocene at Nkupe, South Africa (Avery 1991: 6).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004a).

Regional- South Africa- LC ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

South Africa, Swaziland (Monadjem, 2005: 6), Botswana (?), Zambia (Cotterill, 2004: 261) and Malawi (Happold and Happold, 1997: 818) to S Sudan and Ethiopia; Cameroon; Nigeria, Guinea.

Echolocation:

See Taylor (1999).

Molecular biology:

DNA - Unknown.

Karyotype - Rautenbach (1986) reported $2n = 58$, FN = 60, BA = 4, and submetacentric X and Y chromosomes.

Protein / allozyme - Unknown.



Figure 69. Distribution of *Rhinolophus simulator*

Distribution based on voucher specimens:

Zimbabwe, Congo (Democratic Republic of the), Ethiopia, Malawi, Nigeria, South Africa, Swaziland, Tanzania, Zambia.

Rhinolophus swinnyi Gough, 1908

- *1908. *Rhinolophus swinnyi* Gough, Ann. Transv. Mus., 1: 71, 2 text-f.. Type locality: Republic of South Africa: Cape Province, W Pondoland, Ngqeleni District [30 40 S 29 02 E] (Meester *et al.* (1986: 41) mentioned it as "Ngqeleni district, west of Port St. Johns, Transkei"). Type specimen: TM 1021 (ad. M, skin and skull, collector: H.H. Swinny, collection date: 22 February 1908, original number: 153), Type specimen: TM 1022 (paratype, ad M, skin and skull, collector: H.H. Swinny, collection date: 23 February 1908, original number: 154, notes: skull found lying loose- may not belong to this specimen [signed A. Roberts]). Publication date: April 1908.
1913. *Rhinolophus swinnyi piriensis* Hewitt, Records Albany Mus., 2: 402. Type locality: Republic of South Africa: E Cape Province, near King William's Town, Pirie. Publication date: 6 February 1913.
1946. *Rhinolophus swinnyi rhodesiae* Roberts, Ann. Transv. Mus., 20: 304. Type locality: Zimbabwe: Limpopo valley, Bezwe river, a tributary of the Wanetsi (? Nuanetsi) River.

Taxonomy:

Koopman (1966, and in Honacki *et al.* 1982) suggests that this species may be conspecific with *denti. capensis* species group (Csorba *et al.*, 2003: 12 - 14; Simmons 2005: 364). See Csorba *et al.*, (2003: 11) for remarks on taxonomy.

Molecular biology:

DNA - Unknown.

Karyotype - Rautenbach (1986) reported $2n = 58$, FN = 62, BA = 6, a submetacentric X chromosome and a metacentric Y chromosome.

Protein / allozyme - Unknown.

Common names:

Afrikaans: Swinny se saalneusvlermuis, Swinny-saalneusvlermuis, Swinnyse Vlermuis. English: Swinny's Horseshoe Bat. French: Rhinolophe de Swinny. Portuguese: Morcego ferradura de Swinny.

Etymology of name:

Named after H.H. Swinny, who collected the original specimens from the Nqqueleni district, Eastern Cape (Taylor 2005).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); NT ver 3.1 (2001) (IUCN 2004; Cotterill 2004h).

Regional- South Africa- Indeterminate (Smithers 1986); EN C2a(i) ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

South Africa to Zimbabwe (Cotterill, 2004: 261), Democratic Republic of the Congo, Malawi (Happold and Happold, 1997: 818), and Zanzibar.

Echolocation:

See Taylor (1999).



Figure 70. Distribution of *Rhinolophus swinnyi*

Distribution based on voucher specimens: "Africa", South Africa, Tanzania, Zambia, Zimbabwe.

Rhinolophus ziama Fahr, Vierhaus, Hutterer and Kock, 2002

- *2002. *Rhinolophus ziama* Fahr, Vierhaus, Hutterer and Kock, *Myotis*, 40: 109. Type locality: Guinea: Guinée Forestière, border of "Réserve de la Biosphère du Massif du Ziama", W edge of Sérédou, near Park Station. Type specimen: ZFMK 99.934 (ad M, alcoholic, skull, skeleton; collector H. Vierhaus, collection date 12 August 1992, original nr HV 2590).

Taxonomy:

maclaudi species group (Fahr *et al.*, 2002; Simmons 2005: 365).

General distribution:

SE Guinea, NW Liberia.

Common names:

English: Ziama Horseshoe Bat (1st use Simmons 2005: 365).

Distribution based on voucher specimens:

Guinea.

Etymology of name:

In reference to the protected area near the type locality, the "Réserve de la Biosphère du Massif de Ziama", and as a noun in apposition (Fahr *et al.*, 2002: 110).

Conservation status:

Global- EN B1ab(iii) ver 3.1 (2001) (IUCN 2004; Fahr 2004c).

Superfamily RHINOPOMATOIDEA

Family RHINOPOMATIDAE Dobson, 1872

- *1872. *Rhinopomatidae* Dobson, J. Asiatic Soc. Bengal, 41 (3): 221.
 1907. *Rhinopomidae* Miller, Bull. U.S. natl. Mus., 57: 80. Type genus *Rhinopoma* Geoffroy St.-Hilaire, 1818. Publication date: 27 June 1907.

Taxonomy:

Koopman (1993) and Simmons (2005) assigned the name Rhinopomatidae to Bonaparte, 1838 - Syn. Vert. Syst. In Nuovi Ann. Sci. Nat., Bologna, 2: 111; but see Corbet and Hill (1992: 81) and Van Cakenberghe and De Vree (1994). Revised by Van Cakenberghe and De Vree (1994).

Common names:

Dutch: Muisstaartvleermuizen. English: Mouse-tailed bats. French: Rhinopome, Chauve-souris à queue de souris. German: Mausschwanzfledermäuse. Norwegian: Langhalete flaggermus, klaffneser.

Genus *Rhinopoma* E. Geoffroy St.-Hilaire, 1818

- *1818. *Rhinopoma* E. Geoffroy Saint-Hilaire, Descrip. de l'Egypte, 2: 113. Publication date: 1818. Type: *Vespertilio microphyllus* Brünnich, 1782.
 1854. *Rhinopomus* Gervais, Hist. Nat. des Mammifères, p. 202. Lapsus (Allen, 1939a: 64).

Taxonomy:

Revised by Hill (1977b) and Van Cakenberghe and De Vree (1994).

Allen (1939a: 64) assigned *Rhinopoma* to Oken, 1816, Lehrbuch d. Naturgesch., pt. 3, zool., Sect. 2, p. 926, but this name was rendered "Not Available" by Opinion 417 (International Commission on Zoological Nomenclature, 1956).

and De Vree (1994: 21).

Ethiopian records of *Rhinopoma muscatellum* Thomas, 1903, mentioned by Koopman (1993) represent *Rhinopoma macinnesi* Hayman, 1937 (Van Cakenberghe and De Vree, 1994: 20), therefore *R. muscatellum* is no longer included in the list of African species.

A key of the genus is given in Van Cakenberghe

Rhinopoma hardwickii Gray, 1831

1816. *Rhinopoma brevicaudatum* Oken, Lehrb. Naturg. Jena, 3 (2): 926. Type locality: Egypt: no specific locality. Not available, ICZN Opinion 417, 1956 (see Van Cakenberghe and De Vree, 1994: 14).
 *1831. *Rhinopoma Hardwickii* Gray, Zool. Misc., 1: 37. Type locality: India: India. Type specimen: BMNH GMCM 1.e (ad M, alcoholic, collector Maj. Gen. Hardwicke; see Kock, 1969: 35).
 1866. *Rhinopoma longicaudatum* Fitzinger, Sber. k. Akad. Wiss. Wien, math. naturw. Kl., 54 (1): 547. Type locality: Sudan: Sennaar. Nomen nudum: Kock (1969: 35), Van Cakenberghe and De Vree (1994: 14).
 1866. *Rhinopoma sennaariense* Fitzinger, Sber. k. Akad. Wiss. Wien, math. naturw. Kl., 54 (1): 547. Type locality: Sudan: Anglo-Egyptian Sudan, near Roseires, Sennaar and Fazoglo [=Fazughli] (Restricted to Fazughli by Kock (1969: 35)). Nomen nudum: see Harrison and Bates (1991: 29), Van Cakenberghe and De Vree (1994: 14). Validated by Kock (1969) according to Qumsiyeh and Jones (1986: 1).
 1868. *Rhinopoma sennareense* Hartmann, Zeitschr. Gesellsch. Erdkde, Berlin, 3 (28/29): 44. Nomen nudum: Van Cakenberghe and De Vree (1994: 14).
 1877. *Rhinopoma senaareense*, *potius senareense* Heuglin, Reise in Nordost Afrika, 2: 24. Publication date: 1877. Emendation of *sennaariense* Fitzinger 1866 (see Kock, 1969: 35); Lapsus: Van Cakenberghe and De Vree (1994: 14).
 1903. *Rhinopoma cystops* Thomas, Ann. Mag. Nat. Hist., ser. 7, 11 (65): 496. Type locality:

- Egypt: Luxor. Type specimen: BMNH 1902.1.17.1 (Holotype, ad F, skin and skull, collected and presented by N.C. Rothschild; see Thomas, 1903: 497; Kock, 1969: 35; Qumsiyeh, 1985: 20). Publication date: 1 May 1903.
1903. *Rhinopoma hardwickei* Thomas, Ann. Mag. nat. Hist., ser. 7, 11 (65): xxx. Publication date: 1 May 1903. Emendation of *hardwickii*, since the species was named after Maj. Gen. Hardwicke, but according to Hill (pers. comm.) this was unjustified since Gray latinized the name.
1954. *Vespertilio brevicauda* Stresemann, Abh. dtsch. Akad. Wiss. Berlin, 1: 172. Type locality: Egypt: Saqqara. Label name from Hemprich, without nomenclatural status, see Kock (1969: 35), Van Cakenberghe and De Vree (1994: 14).
1954. *Vespertilio ferox* Stresemann, Abh. dtsch. Akad. Wiss. Berlin, 1: 172. Type locality: Egypt: Saqqara. Label name from Hemprich, without nomenclatural status, see Kock (1969: 35), Van Cakenberghe and De Vree (1994: 14).
1956. *Rhinopoma hardwickei cystops* Möhres and Kulzer, Verh. dtsch. zool. Ges., 19: 60. Lapsus (see Van Cakenberghe and De Vree, 1994: 15).
1961. *Rhinopoma lardwickei cystops* Madkour, Bull. zool. Soc. Egypt, 16: 50. Lapsus (see Kock, 1969: 35; Van Cakenberghe and De Vree, 1994: 15).
1969. *Rhinopoma hardwickei sennaariense* Kock, Abh. Senckenb. Naturforsch. Ges., 521: 40, 51. Type locality: Sudan: Blue Nile, Fazogli [=Fazughli]. Validation of *sennaariense* Fitzinger, 1866, nomen nudum. Hill (1977) pointed out that *sennaariense* Kock, 1969 is a synonym of *arabium* (see Harrison and Bates, 1991: 30).
1971. *Rhinopoma hardwickei sennaarinense* Hill and Morris, Bull. Br. Mus. nat. Hist. (Zool.), 21 (2): 30. Lapsus (see Van Cakenberghe and De Vree, 1994: 15).
1975. *Rhinopoma sennaariense* Koopman, Bull. Am. Mus. Nat. Hist., 154 (4): 367. Lapsus (see Van Cakenberghe and De Vree, 1994: 15).
1985. *R[hinopoma] h[ardwickei] sinaariense* Qumsiyeh, Spec. Publ. Mus. Texas Tech Univ., 23: 22. Lapsus: attributed to Kock (1969) by Qumsiyeh (1985: 22).
- ? *Rhinopoma hardwickei cystops*: Name combination.
- ? *Rhinopoma hardwickei hardwickei*: Name combination.

Taxonomy:

See Qumsiyeh and Jones (1986, Mammalian Species, 263), Van Cakenberghe and De Vree (1994: 20), Corbet (1978: 40), Koopman (1993a: 155), Van Cakenberghe and De Vree (1994: 14), and Horáček *et al.* (2000: 97) mention this name as *hardwickei*, whereas Qumsiyeh and Jones (1986: 1), Harrison and Bates (1991: 29), Corbet and Hill (1992: 82), Qumsiyeh, Disi and Amr (1992: 104), Bates and Harrison (1997: 35), Benda *et al.* (2004) mention *hardwickii*.

Common names:

Arabian: Khafash abu danab saghir. English: Hardwicke's Mouse-tailed Bat, Lesser Mouse-tailed Bat, Small mouse-tailed bat, Lesser Rat-tailed Bat. French: Rhinopome moyen, Rhinopome de Hardwicke, Chauve-souris à queue de souris, Petit Rhinopome.

Etymology of name:

In honour of Major General Hardwicke, collector of the type specimen.

Conservation status:

Global- VU assessed as *R. hadithaensis* (Baillie and Groombridge 1996); LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Benda 2004b).

General distribution:

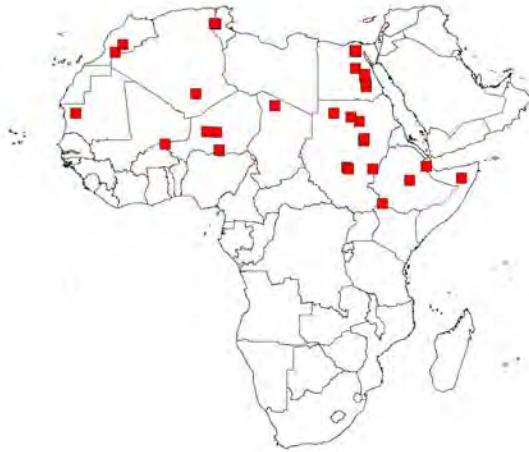
Sunda Archipelago (Indonesia); Thailand; Burma (=Myanmar) to Morocco (Benda *et al.*, 2004) (over India, Pakistan, Afghanistan, Iran, Iraq, S Syria, Jordan, Israel, Tunisia (Horáček *et al.*, 2000: 97), Algeria (Horáček *et al.*, 2000: 97), Morocco), south to Mauritania, Nigeria; Ethiopia (Lavrenchenko *et al.*, 2004: 147), Djibouti (Pearch *et al.*, 2001: 392); Socotra Isl (Yemen), Libya. The Kenyan material mentioned by Koopman (1992) belongs to *R. macinnesi* (see Van Cakenberghe and De Vree, 1994: 17 - 18).

Molecular biology:

DNA - Unknown.

Karyotype - Ray-Chandhuri and Pathak (1966) recorded $2n=36$.

Protein / allozyme - Unknown.



Distribution based on voucher specimens:
"Africa", [Algeria](#), [Burkina Faso](#), [Chad](#), [Djibouti](#),
[Egypt](#), [Ethiopia](#), [Mauritania](#), [Morocco](#), [Niger](#),
[Senegal](#), [Somalia](#), [Sudan](#), [Tunisia](#).

Figure 71. Distribution of *Rhinopoma hardwickii*

***Rhinopoma macinnesi* Hayman, 1937**

- *1937. *R[hinopoma] cystops macinnesi* Hayman, Ann. Mag. nat. Hist., ser. 10, 19 (113): 530.
Type locality: Kenya: Lake Rudolf, near Central Island, Bat Island. Type specimen:
BMNH 1936.11.4.45 (ad M, leg. D.G. MacInnes). Publication date: 1 May 1937.

Taxonomy:

Considered a synonym of *hardwicki* by Koopman (1993), but see Van Cakenberghe and De Vree (1994: 20).

Common names:

English: MacInnes's Mouse-tailed Bat.

Etymology of name:

In honour of Mr. D.G. MacInnes, the collector of the type specimen.

Conservation status:

Global- VU: (Baillie and Groombridge 1996); VU D1 ver 3.1 (2001) (IUCN 2004; Aulgnier 2004a).

General distribution:

Kenya, Eritrea, Ethiopia, Somalia.

Distribution based on voucher specimens:

[Eritrea](#), [Ethiopia](#), [Kenya](#), [Somalia](#).



Figure 72. Distribution of *Rhinopoma macinnesi*

Rhinopoma microphyllum (Brünnich, 1782)

- *1782. *Vespertilio Microphyllus* Brünnich, Dyrenes Historie, 1: 50, pl. 6; figs. 1 - 4. Type locality: Egypt: Giza (Corbet and Hill (1992: 82) and Horáček *et al.* (2000: 96) mention "Arabia and Egypt" as type locality. Type locality fixed by Koopman (1975: 366) [but also Aellen 1957, Anderson and de Winton 1902, Kock 1969 - See Schlitter and Qumsiyeh (1996: 1)].). Type specimen: ZMUC (leg. Hasselquist; see Kock, 1969: 54).
1820. *Rhinopoma microphylla* Desmarest, Encycl. Méthod., (Zoologie, Mammalogie) 1: 129. Publication date: 1820. Lapsus.
1859. *Rhinopoma lepsianum* Peters, Monatsb. K. preuss. Akad. Wiss. Berlin, p. 222. Type locality: Sudan: Khartoum (Type locality: Blue Nile [See Kock (1969: 58); White Nile, see Koopman (1975: 366): Khartoum]). Type specimen: ZMB 2578 (Lectotype (designated by Kock 1969: 54, 57); M, ad, body in alcohol, skull extracted (by D. Kock in the 1960s); collector: Lepsius; collection date: 1844; see Kock, 1969: 54 -. Publication date: 1859.
1877. *Rhinopoma cordofanicum* Heuglin, Reise in Nordost Afrika, 2: 24. Type locality: Sudan: Jebel Arashkool; W bank of the White Nile [c 14 15 N 32 10 E]. Publication date: 1877. Allen (1939a: 64) mentions Heuglin and Fitzinger, 1866. Sitzb. K. Akad. Wiss. Wien, 54, sec 1, 547 as author. Nomen Nudum. Included in *hardwickei* by Kock (1969: 35).
1969. *Rhinopoma microphyllum tropicalis* Kock, Abh. Senckenb. Naturforsch. Ges., 521: 58. Type locality: Sudan: Kordofan, 2 km NE Kadugli, Jebel Talao [550 m]. Type specimen: SMF 33265 (Type: sad M, skin, skull and skeleton; collection date 12 February 1963; see Kock, 1969: 58 [number 33216???]). Most likely a synonym of *R. m. microphyllum*. If a valid subspecies, *lepsianum* or *cordofanicum* may have priority (see Schlitter and Qumsiyeh, 1996: 1).
1985. *Rhinopoma mircophylum kineari* Bhatnagar and Parveen, Nat. Acad. Sci. Letters, 8 (2): 64. Lapsus for *microphyllum*.

Taxonomy:

See Schlitter and Qumsiyeh (1996, Mammalian Species, 542).

Common names:

Arabic: Khafash abu danab kabir. English: Larger Mouse-tailed Bat, Long-tailed Bat, Greater Mouse-tailed Bat, Rat-tailed Bat, Brünnich's Mouse-tailed Bat, Larger Rat-tailed Bat, Greater Rat-tailed Bat. French: Rhinopome microphyllle, Grand Rhinopome. Indonesian: Kelelawar ekor lembing, Kelelawar Ekor-tikus.

Etymology of name:

From the Greek "*mikros*" meaning small and "*phullon*" meaning leaf (see Schlitter and Qumsiyeh, 1996: 4).

Conservation status:

Global- LR: lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Aulagnier 2004b).

General distribution:

Morocco and Senegal; over Djibouti (Pearch *et al.*, 2001: 393), Egypt, Lebanon, Israel, Jordan, SW Saudi Arabia, Iraq, Iran, Afghanistan, Pakistan and India to Thailand; Sumatra; possibly in Myanmar (see Corbet and Hill, 1992).

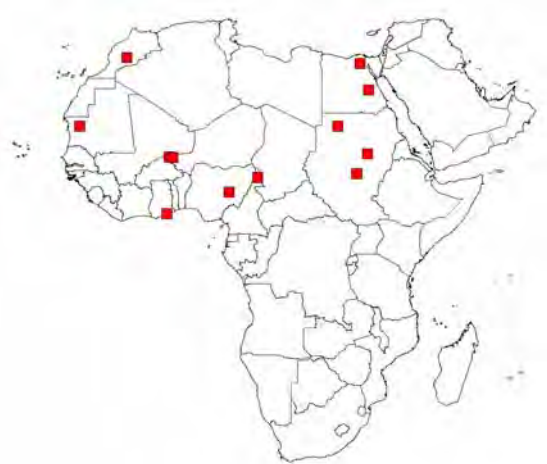


Figure 73. Distribution of *Rhinopoma microphyllum*

Distribution based on voucher specimens: "Africa", "Senegal or Mauritania", Algeria, [Burkina Faso](#), Cameroon, Egypt, Ghana, [Mauritania](#), [Morocco](#), Nigeria, [Sudan](#).

SUBORDER VESPERTILIONIFORMI

1821. *INSECTIVORAE* Gray, pp. 299. Proposed as an order of bats, for the same content as that of MICROCHIROPTERA Dobson 1875.
1855. *Gymnorhina* Giebel, pp. 926.
1866. *ENTOMOPHAGA* Murray, pp. xiv. Not ENTOMOPHAGA Owen 1859, used for didelphoid marsupials.
1866. *Nycterides* Haeckel, pp. clx. *Nomen oblitum*. This may be the use of the Greek name for bat (=Nycteris).
1872. *ANIMALIVORA* Gill, pp. 16.
1875. *MICROCHIROPTERA* Dobson, pp. 346.
1979. *PHYLLOSTOMATIA* Van Valen, pp. 104. Proposed as infraorder.
1979. *VESPERTILIONIA* Van Valen, pp. 109. Proposed as infraorder.
1995. *VESPERTILIIFORMES* Zagorodniuk, Godovanets, Pokynchereda and Kyseliuk, ; also Zagorodniuk *et al.* (1995); Zagorodniuk and Pokynchereda (1997).
1997. *VESPERTILIIFORMES* Zagorodniuk,
1998. *VESPERTILIONIFORMES* Zagorodnyuk, Zagorodnyuk (1998a, b and c); Zagorodniuk (1999, 2001a and b, 2002, 2003a and b, 2004).
2001. *YANGOCHIROPTERA* Springer, Teeling, Madsen, Stanhope, and De Jong, Proceedings of the National Academy of Science 98(11): 6243.
2001. *YINPTEROCHIROPTERA* Springer, Teeling, Madsen, Stanhope, and De Jong, Proceedings of the National Academy of Science 98(11): 6243.
2004. *VESPERTILIONIFORMES* Hutcheon and Kirsch, Journal of Mammalian Evolution 11(1):??
- *? *VESPERTILIONIFORMI* The name of the Infraorder is based on *Vespertilio* Linnaeus, 1758 (type of VESPERTILIONIDAE Gray, 1821).

The suborder name follows the typified name used by Zagorodniuk *et al.* (1995) - Vespertiliiformes, Zagorodniuk (1997) - Vespertiliiformes, Zagorodniuk and Pokynchereda (1997) - Vespertiliiformes, Zagorodnyuk (1998a, b and c) - Vespertilioniformes, Zagorodniuk (1999, 2001a and b, 2002, 2003a and b, 2004) - Vespertilioniformes and Hutcheon and Kirsch (2004, 2006) - Vespertilioniformes, but with the ending changed to follow the format proposed for standardization of nomenclature of higher taxa by Alonso-Zarazaga (2005).

INFRAORDER NOCTILIONIFORMACEI

- *? *NOCTILIONIFORMACEI* The name of the Superfamily is based on *Noctilio* Linnaeus, 1766.

Superfamily NOCTILIONOIDEA

- *? *NOCTILIONOIDEA* The name of the Superfamily is based on *Noctilio* Linnaeus, 1766.

Taxonomy:

The placement of the Family Myzodidae, with in the superfamily Noctilionoidea follows Teeling *et al.* (2005).

Family MYZOPODIDAE Thomas, 1904

- *1904. *Myzopodidae* Thomas, Proc. zool. Soc. Lond., 1904, II, I: 5. Type genus: *Myzopoda* A. Milne-Edwards and A. Grandidier, 1878. Publication date: 1 October 1904.

Common names: Norwegian: Sugeskålflaggermus.
 English: Sucker-footed Bats. German:
 Madagassische Haftscheibenfledermaus.

Genus *Myzopoda* Milne-Edwards and A. Grandidier, 1878

- *1878. *Myzopoda* A. Milne-Edwards and A. Grandidier, Bull. Sci. Soc. Philom. Paris, ser. 7, 2: 220. Type species: *Myzopoda aurita* A. Milne-Edwards and A. Grandidier, 1878. Publication date: 1878.
 1879. *Myxopoda* Dobson, Proc. zool. Soc. Lond., 1878, IV: 871. Publication date: April 1879. Lapsus: see Allen (1939a: 82), Schliemann and Maas (1978: 1).

Myzopoda aurita Milne-Edwards and A. Grandidier, 1878

- *1878. *Myzopoda aurita* A. Milne-Edwards and A. Grandidier, Bull. Sci. Soc. Philom. Paris, ser. 7, 2: 220. Type locality: Madagascar: no specific locality. Type specimen: MNHN 223 (alcoholic, skull not removed: see Peterson *et al.* (1995: 139)). Publication date: 1878.

Taxonomy:

See Schliemann and Maas (1978, Mammalian Species, 116).

Conservation status:
 Global- VU A2c ver 2.3 (1994).

Common names:

English: Golden Bat, Old World sucker-footed bat, Sucker-footed bat, Madagascar sucker-footed bat. French: Chauve-souris malgache à pieds à ventouses, Vespertilion Doré.

General distribution:
 Madagascar.

Distribution based on voucher specimens:
 Madagascar.

Myzopoda schliemanni Goodman, Rakotondraparany and Kofoky, 2007

- *2007. *Myzopoda schliemanni* Goodman, Rakotondraparany and Kofoky, Mammalian Biology 72(2): 65, 68, figs. 2 - 5. Type locality: Madagascar: Province de Mahajanga [= Parc National d'Anarafantsika], Station Forestiere d'Ampijoroa, Jardin Botanique A, [1619.4S, 4648.4E, 160m]. Type specimen: FMNH 177327 (Holotype, ad M, skin, skull and partial post cranial skeleton, collector: S.M. Goodman, collection date: 18 April 2003; original nr: SMG-13624), 3 male and 4 female Paratypes listed. Publication date: 26 March 2007.

Taxonomy:

See Goodman *et al.* (2007).

Conservation status:

Global- Not assessed. But, see Goodman *et al.* (2007).

Common names:

English: Schliemann's sucker-footed bat (Goodman *et al.* 2007).

General distribution:
 Madagascar.

Etymology of name:

The species name was chosen to honour Professor Dr. Harald Schliemann, University of Hamburg, in recognition of his long interest in sucker-footed bats, including several important anatomical studies (e.g. Schliemann 1970; 1971).

Geographic variation:

See Goodman *et al.* (2007).

General description of external morphology:

See Goodman *et al.* (2007).

General description of cranial and dental

morphology:

See Goodman *et al.* (2007).

Detailed morphology:

For a description of the crania, teeth, postcranial skeleton, ears and tragus see Goodman *et al.* (2007).

Functional morphology:

Unknown.

Sexual dimorphism:

Goodman *et al.* (2007) found there is no sexual dimorphism in *M. schliemanni*.

Echolocation:

Unknown.

Molecular biology:

DNA - Unknown.

Karyotype - Unknown.

Protein / allozyme - Unknown.

Habitat:

See Goodman *et al.* (2007).

Habits:

Unknown.

Roost:

See Goodman *et al.* (2007).

Migration:

Unknown.

Food / diet

Unknown.

Predators:

Unknown.

Population:

Structure and density - Unknown.

Lifespan:

Unknown.

Activity and Behaviour:

Unknown.

Reproduction and Ontogeny:

See Goodman *et al.* (2007).

Mating:

Unknown.

Post-natal development:

Unknown.

Parasites:

Unknown.

Viruses:

Unknown.

Utilization:

Unknown.

Anthropophilous:

Unknown.

INFRAORDER NYCTERIFORMACEI

- *? **NYCTERIFORMACEI** The name of the Infraorder is based on *Nycteris* G. Cuvier and E. Geoffroy, 1797 (type Family NYCTERIDAE Van der Hoeven, 1855).

We followed the format proposed for acei and the ending -iformacei. But, for those standardization of nomenclature of higher taxa by without typified names there may well be Alonso-Zarazaga (2005), then for typified names occasions where incertae-sedis is used. this would be standardized, using the connector -

Superfamily NYCTEROIDEA

2005. **EMBALLONUROIDEA** Teeling, Springer, Madsen, Bates, O'Brien, and Murphy, Science 307: 581.
- *? **NYCTEROIDEA** The Superfamily name is based on *Nycteris* G. Cuvier and E. Geoffroy, 1797 (type Family NYCTERIDAE Van der Hoeven, 1855).

Taxonomy: *Nycteris* G. Cuvier and E. Geoffroy, 1795, rather than *Emballonura* Temminck, 1838.
This name is contrary to the superfamily name, EMBALLONUROIDEA, used by Teeling *et al.* (2005). Because, the oldest, typified name is

Family EMBALLONURIDAE Gervais, 1855

- *1855. **Emballonuridae** Gervais, Exped. Partes Cen. Am. Sud., Zool. (Sec. 7), Vol. 1, pt. 2 (Mammifères): 62 footnote. Publication date: 23 July 1855. Type genus: *Emballonura* Temminck.
1865. **Brachyura** Peters, Monatsb. k. preuss. Akad. Wiss. Berlin: xxx. in part: see Pavlinov *et al.* (1995: 74). Simmons (pers. comm.): "This name is a tough one, no type genus was noted and taxa now placed in 5 families were included. I have left it out because it is not clear just what it would be a junior synonym of. There seems no point in restricting it since it is not the oldest name for any of the family groups now recognized. Fixed"
1877. **Taphozoinae** Jerdon, Mammals of India, p. 30.
1907. **Diclidurinae** Miller, Bull. U.S. Natl. Mus., 57: 94. Type genus: *Diclidurus* Wied, 1819. Publication date: 29 June 1907.

Taxonomy: Koopman (1993a: 156) mentions Gervais, 1855 as author, whereas Corbet and Hill (1992: 83) mention Dobson, 1875b: 349. Simmons (2005) recognises two subfamilies: Emballonurinae (including the African genera *Coleura* and *Emballonura*), and Taphozoinae (including the African genera *Saccolaimus* and *Taphozous*).

Etymology of name: The name of this family is derived from the Greek "*emballo*", to throw, and "*oura*", a tail, referring to the tail structure of all its members, which resembles a spear thrown into the ground at an angle (Taylor 2005).

Common names:

English: Sheath-tailed Bats, Tomb Bats, Sac-winged Bats. Finnish: Hautalepakot. German: Flathnasenfreischwänze. Norwegian: Frihalete flaggermus, gravflaggermus.

Genus *Coleura* Peters, 1867

- *1867. *Coleura* Peters, Monatsb. k. preuss. Akad. Wiss. Berlin, p. 479. Type species: *Emballonura afra* Peters
 1939. *Coléura* Allen, Bull. Mus. comp. Zool., 83: 65. Lapsus.

Taxonomy:

Key provided in Dunlop (1997, Mammalian Species, 566).

Common names:

English: Sheath-tailed bats, Peters's sheath-tailed bats.

Coleura afra (Peters, 1852)

- *1852. *Emballonura afra* Peters, Naturw. Reise Mossamb., Säugethiere, p. 51, pl. 12, pl. 13, fig. 18, 19. Type locality: Mozambique: Zambezi River, Tete. Type specimen: BMNH 1858.6.18.12 (Syntype). Publication date: 1852.
 1915. *C[oleura] g[allarum] nilosa* Thomas, Ann. Mag. nat. Hist., ser. 8, 15 (90): 576, 577. Type locality: Sudan: Upper Nile, near mouth of Bahr-el-Zeraf. Type specimen: BMNH 1915.3.6.76 (ad M, skinned from spirit, collector: Willoughby P. Lowe, collection date: 3 February 1914, original number 77). Publication date: 1 June 1915. May be valid as a subspecies (Kock 1969, Koopman 1975). In the key presented in the original description on p. 576, the name is given as *C. g. nilosa*, on the description itself (p. 577) it is mentioned as *Coleura gallarum nilosa*.
 1915. *C[oleura] gallarum* Thomas, Ann. Mag. nat. Hist., ser. 8, 15 (90): 576, 577. Type locality: Somalia: [British Somaliland] Zeyla [Zsyla][sealevel]. Type specimen: BMNH 1911.8.2.4 (old F, collected and presented by Dr. R.E. Drake-Brockman, collection date: 29 October 1910, original number: 336, notes- caught in house). Publication date: 1 June 1915. In the key presented in the original description on p. 576, the name is given as *C. gallarum*, on the description itself (p. 577) it is mentioned as *Coleura gallarum*.
 1939. *Coleura kummeri* Monard, Arq. Mus. Bocage, Lisboa, 10: 55, fig. 1. Type locality: Guinee-Bissau: Madina Boé [11 45 N 13 13 W]. Type specimens: NMB 5277, NMB 5278 (syntypes: 1ad F (No. 881) 1 ad M (No. 890); M in alcohol: collection date 5 March 1938; see <http://www.nmb.bs.ch/NaturmuseumBasel/LinksNMB/Sammlung/Kataloge/Mammalia.pdf>). Publication date: March 1939.
 ? *Coleura afra*: Name combination.

Taxonomy:

See Dunlop (1997, Mammalian Species, 566).

2004g).

Common names:

Afrikaans: Skedestertvlermuis. English: Southern Sheath-tailed Bat, African Sheath-tailed Bat, Sheath-tailed Bat, Mozambique Sheath-tailed Bat. French: Emballonure d'Afrique, Chauve-souris à queue gainée d'Afrique, Chauve-souris en fourreau d'Afrique. Portuguese: Morcego de cauda.

General distribution:

Guinea-Bissau over Togo (Capo-Chichi *et al.*, 2004: 161) to Ethiopia (Lavrenchenko *et al.*, 2004: 147), Somalia, and Djibouti (Pearch *et al.*, 2001: 394), south to Angola, Democratic Republic of the Congo, and Mozambique; Yemen.

Echolocation:

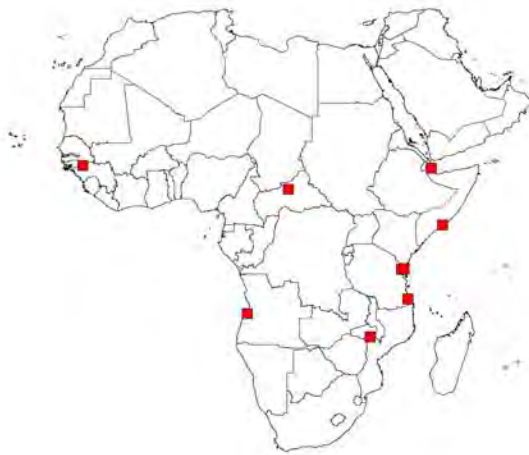
See Pye (1980) and Taylor *et al.* (2005).

Etymology of name:

The colloquial name refers to the peculiar situation of the tail, which is enclosed by the interfemoral membrane between the back legs (Taylor 2005).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*,



Distribution based on voucher specimens:
 Angola, Congo (Democratic Republic of the),
 Guinea-Bissau, Mozambique, Somalia, Sudan,
 Tanzania, Unknown country.

Figure 74. Distribution of *Coleura afra*

***Coleura seychellensis* Peters, 1868**

- *1868. *Coleura seychellensis* Peters, Monatsb. K. preuss. Akad. Wiss. Berlin, p. 367. Type locality: Seychelle Islands: Mahe Island. Type specimen: BMNH 1869.2.19.2 (cotype, ad M, see Thomas, 1915d). Publication date: 1869. Allen (1939a: 65) mentions "1869, for 1868".
- 1915. *C[oleura] silhouettæ* Thomas, Ann. Mag. nat. Hist., ser. 8, 15 (90): 576, 578. Type locality: Seychelle Islands: Silhouette Island. Type specimen: BMNH 1906.3.18.2 (ad M, skin and skull, skinned from spirit, collected and presented by Prof. J. Stanley Gardiner). Publication date: 1 June 1915. In the key on page 576 mentioned as *C. silhouettæ*, and in the description on p. 578 as *Coleura silhouettæ*.

Taxonomy:
 See Simmons (2005).

Common names:
 English: Seychelles sheath-tailed bat. French: Emballonure des Seychelles, Chauve-souris à queue gainée des Seychelles, Chauve-souris à queue en fourreau des Seychelles.

Etymology of name:
 Referring to the island group where the species occurs.

Conservation status:
 Global- EN (IUCN Conservation Monitoring Centre 1988); EN (IUCN 1990); EN (Groombridge 1994); CR (Baillie and Groombridge 1996); CR: B1+2cde, C2b, D (Mickleburgh *et al.*, 2002: 22); CR C2a(i,ii) ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004f).

General distribution:
 Seychelle Isls; possibly Zanzibar. The Zanzibar record is extremely dubious (Simmons 2005).

Habitat:
 See Gerlach and Taylor (2006).

Roost:
 See Gerlach and Taylor (2006).

Food / diet:
 See Gerlach and Taylor (2006).

Distribution based on voucher specimens:
 Seychelle Islands.

Genus *Emballonura* Temminck, 1838

- *1838. *Emballonura* Temminck, Tijdschr. Nat. Gesch. Physiol., 5: 22. Type species: *Emballonura monticola* Temminck, 1838.

Common names:
English: Old World sheath-tailed bats.

Etymology of name:
From Greek for to throw in + tail, an allusion to the perforation of the interfemoral membrane by the tail (Flannery, 1990: 288; 1995: 317).

Emballonura atrata Peters, 1874

- *1874. *Emballonura atrata* Peters, Monatsb. k. preuss. Akad. Wiss. Berlin, p. 693. Type locality: Madagascar: "Interior of Madagascar". Type specimen: ZMB 4692 (coll. Dr. J.M. Hildebrandt) (see Peterson *et al.* 1995: 56, Goodman *et al.* 2006: 19).

Taxonomy:
See Simmons (2005).

Common names:
English: Madagascar sheath-tailed bat, Peters's sheath-tailed bat. French: Chauve-souris malgache à queue en fourreau.

Conservation status:
Global- VU A2c ver 2.3 (1994).

General distribution:
E and C Madagascar; Nosy Be (Peterson *et al.* 1995: 57).



Figure 75. Distribution of *Emballonura atrata*

Distribution based on voucher specimens:
Madagascar.

Emballonura tiavato Goodman, Cardiff, Ranivo, Russell, and Yoder, 2006

- *2006. *Emballonura tiavato* Goodman, Cardiff, Ranivo, Russell and Yoder, Am. Mus. Novit., 3538: 1, 6, figs, 2, 3, 4, 5. Type locality: Madagascar: Antsiranana province, Réserve Spéciale d'Ankarana, 2.6 km E Andrafiabe, in forest near Andrafiabe cave [12 55 09 S 49 03 04 E, 50 m]. Type specimen: FMNH 169705 (ad M, skin and skull; collector Steven M. Goodman, collection date: 22 January 2001, original number 11923a). Publication date: 19 October 2006.

Taxonomy: See Goodman <i>et al.</i> (2006b).	Roost: Entrance to caves and rock overhangs (Goodman <i>et al.</i> (2006b).
Etymology of name: From the Malagasy for "like rocks", referring to the tendency of this bat to occur in areas with exposed rock outcrops and caves (see Goodman <i>et al.</i> , 2006b: 6).	Migration: Unknown.
Conservation status: Global- Not assessed. But, see Goodman <i>et al.</i> (2006b).	Food / diet: Lepidoptera (Razakarivony <i>et al.</i> , 2005; Goodman <i>et al.</i> 2006b).
General distribution: Madagascar.	Predators: Unknown.
Geographic variation: Unknown.	Population: Structure & density - Unknown.
General description of external morphology: See Goodman <i>et al.</i> (2006b).	Life-span: Unknown.
General description of cranial and dental morphology: See Goodman <i>et al.</i> (2006b).	Activity and behaviour: Unknown.
Detailed morphology: For a description of the crania, teeth, ears and tragus see Goodman <i>et al.</i> (2006b).	Reproduction and ontogeny: See Goodman <i>et al.</i> (2006b).
Functional morphology: Unknown.	Mating: Unknown.
Sexual dimorphism: Unknown.	Post-natal development: Unknown.
Echolocation: Unknown.	Parasites: Unknown.
Molecular biology: DNA - Unknown. Karyotype - Unknown. Protein / allozyme - Unknown.	Viruses: Unknown.
Habitat: See Goodman <i>et al.</i> (2006b).	Utilization: Unknown.
Habits: Unknown.	Anthropophilious: Unknown.



Distribution based on voucher specimens:
Madagascar.

Figure 76. Distribution of *Emballonura tiavato*

Genus **Saccolaimus** Temminck, 1838

- *1838. **Saccolaimus** Temminck, Tijdschr. Nat. Gesch. Physiol., 5: 14 (Corbet and Hill (1992: 85), Grubb *et al.* (1998: 72) mention "1838: 6 (and 1841a: 277, 279) [C&H]"). Type species: *Taphozous saccolaimus* Temminck, 1838.
1876. **Taphonycteris** Dobson, Proc. zool. Soc. Lond., 1875, IV: 548. Publication date: April 1876. Type species: *Taphozous saccolaimus* Temminck, 1838.

Taxonomy:

Considered a subgenus of *Taphozous* by Ellerman and Morrison-Scott (1951: 104), Corbet and Hill (1980: 45), Corbet and Hill (1992: 85), and Kock and Dobat (2000: 87), but see Barghorn (1977: 5).

Etymology of name:

From the Greek for sack + throat, a reference to the throat pouch often present in members of the genus (Flannery, 1995: 328; 1995b: 401).

Common names:

English: Pouched Bats. French: Saccolaime.

Saccolaimus peli (Temminck, 1853)

- *1853. ***Taphozous peli*** Temminck, Esquisses zool. Côte de Guinée, p. 82. Type locality: Ghana: Boutry River.
- ? ***Saccolaimus peli***: Name combination.

Taxonomy:

See Simmons (2005).

Common names:

English: Pel's Pouched Bat. French :Chauve-souris à queue gainée de Pel, Saccolaime de Pel.

Conservation status:

Global- LR/nt (Baillie and Groombridge 1996); NT ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004bp).

General distribution:

Liberia over Nigeria (Capo-Chichi *et al.*, 2004: 161) to W Kenya south to Angola.

Distribution based on voucher specimens:

Cameroon, Congo (Democratic Republic of the).



Figure 77. Distribution of *Saccolaimus peli*

Genus *Taphozous* E. Geoffroy St.-Hilaire, 1818

- *1818. *Taphozous* E. Geoffroy Saint-Hilaire, Descrip. de l'Egypte, 2: 113. Publication date: 1818. Type species: *Taphozous perforatus* E. Geoffroy, 1818. Mahoney and Walton (1980: 116) in Grubb *et al.* (1998: 72) considered the date of Geoffroy's publication to be 1813. Gardner and Hayssen (2004: 12) mention that the correct date should be 1818, not 1813 as mentioned on the publication itself.
1922. *Liponycteris* Thomas, Ann. Mag. nat. Hist., ser. 9, 9 (51): 267. Publication date: 1 March 1922. Type species: *Taphozous nudiventris* Cretzschmar, 1830. Valid as a subgenus.
1998. *Tapozous*: Yom-Tov and Kadmon, Div. Distr., 4: 67. Lapsus

Taxonomy:

Some authors (e.g. Allen, 1939a: 66) consider Oken (1816), Lehrbuch d. Naturg., pt. 3., zool., sect 2, p. 926 to be the author of this genus.

Meester *et al.* (1986): Bargho(o)rn (1977), followed by Koopman (in Honacki *et al.* 1982 and in litt.) regards *Saccolaimus* as generically distinct from *Taphozous*, but L.W. Robbins (Abstracts, 4th International Colloquium on Taxonomy and Ecology of African Small Mammals: 33, 1984) states that on the basis of protein electrophoresis and immunology *Taphozous* and *Saccolaimus* are closely related. Only the subgenus *Taphozous*, with two species, occurs in Southern Africa.

Includes *Liponycteris* but not *Saccolaimus*; see Hayman and Hill (1971: 15) and Barghorn (1977: 5). Corbet and Hill (1992: 85) include *Saccolaimus* as a subgenus. A key is provided by Colket and Wilson (1998: 1, Mammalian Species, 597).

Common names:

English: Tomb Bats [Pouched Bats]. French: Chauve-souris des Tombes, Taphien.

Etymology of name:

The name tomb bat originates from the generic name *Taphozous*, which is derived from the Greek "*taphos*", a grave, and "*zoos*", living. The type species of the genus, *T. perforatus*, was taken from a royal tomb in Egypt (see Taylor 2005).

Distribution based on voucher specimens: Senegal.

Taphozous hamiltoni Thomas, 1920

- *1920. *Taphozous hamiltoni* Thomas, Ann. Mag. Nat. Hist., ser. 9, 5 (25): 142. Type locality: Sudan: Ekuatoria, Mongalla. Type specimen: BMNH 1919.12.18.1 (Holotype, ad F, presented by the Wellcome Research Laboratories, collection date: 13 June 1918, originally number 118 of the Stevenson Hamilton collection). Publication date: 1 January 1920.

Taxonomy:

See Simmons (2005).

Common names:

English: Hamilton's Tomb Bat, Hamilton's Naked-rumped Tomb Bat, Hamilton's Naked-bellied Tomb Bat, Kordofan Sheathtail-bat. French: Taphien Kordofan.

Etymology of name:

In honour of Major Stevenson Hamilton, from whose collection the type specimen came from.

Conservation status:

Global- VU (Baillie and Groombridge 1996); NT ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004ap).

General distribution:

S Sudan, Chad, Kenya.

Distribution based on voucher specimens:

Sudan.



Figure 78. Distribution of *Taphozous hamiltoni*

Taphozous hildegardeae Thomas, 1909

- *1909. *Taphozous hildegardeae* Thomas, Ann. Mag. Nat. Hist., ser. 8, 4 (20): 98. Type locality: Kenya: Coast Province, Rabai (near Mombassa) [700 ft (=213 m)]. Type specimen: BMNH 1909.6.12.7 (Holotype). Publication date: 1 August 1909.

Taxonomy:

See Colket and Wilson (1998, Mammalian Species, 597).

Common names:

English: Hildegarde's Tomb Bat. French: Taphien de Hildegarde.

Etymology of name:

In honour of Mrs. Hildegarde Hinde, wife of the collector of the type specimen (see Colket and Wilson, 1998: 3).

Conservation status:

Global- VU (Baillie and Groombridge 1996); VU C1 ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004aj).

General distribution:

Kenya, NE Tanzania, Zanzibar.

Distribution based on voucher specimens:

Kenya.



Figure 79. Distribution of *Taphozous hildegardeae*

Taphozous mauritianus E. Geoffroy St.-Hilaire, 1818

- *1818. *Taphozous mauritianus* E. Geoffroy Saint-Hilaire, *Descrip. De l'Egypte*, 2: 127. Type locality: Mauritius: no specific locality. Publication date: 1818. Mahoney and Walton (1980: 116) in Grubb *et al.* (1998: 72) considered the date of Geoffroy's publication to be 1813. Gardner and Hayssen (2004: 12) mention that the correct date should be 1818, not 1813 as mentioned on the publication itself.
1835. *Taphozous leucopterus* Temminck, *Monogr. Mamm.*, 2: 284, pl. 60. Type locality: Republic of South Africa: "Interior of South Africa". Kock (1969: 71), Meester *et al.* (1986: 31) and Dengis (1996: 1) mention "1838; Tijdschrift voor natuurlijke geschiedenis en physiologie, Amsterdam 5: 12".
1879. *Taphozous dobsoni* Jentink, *Notes Leyden Mus.*, 1: 123, note 32. Type locality: Madagascar: Mohambo. Publication date: April 1879.
1900. *Taphozous maritimus var. cinerascens* Seabra, *J. Sci. mat. phys. nat.*, Lisboa, ser. 2, 6: 77. Type locality: Angola: Benguela. Publication date: August 1900. Lapsus in species name.

Taxonomy:

Koopman (1975) believed that a number of subspecies that have been described are of doubtful value.

See Dengis (1996, *Mammalian Species*, 522).

General distribution:

South Africa (over Botswana, Namibia, Zimbabwe, Zambia (Cotterill, 2004: 260), Congo Republic (Dowsett *et al.*, 1991: 259), Malawi (Ansell and Dowsett, 1988: 29) to Sudan and Somalia over Benin (Capo-Chichi *et al.*, 2004: 162) to Senegal; São Tomé Island (Juste and Ibáñez 1993: 906); Mauritius and Reunion Isls (Mascarene Isls); Madagascar; Assumption Island and Aldabra Island.

Echolocation:

See Taylor (1999), and Taylor (2000: 63).

Molecular biology:

DNA - Unknown.

Karyotype - Rautenbach *et al.* (1993) reported for specimens from South Africa, $2n = 42$, $FN = 64$, $BA = 24$, a metacentric X chromosome, and a submetacentric Y chromosome.

Protein / allozyme - Unknown.

Habitat:

Open savanna and forest edges in the wetter northern and eastern parts of the subcontinent (Taylor 2000: 62).

Food / diet:

They feed primarily on moths (Allen *et al.* 1917; termite alates such as *Macrotermes falciger* (Happold and Happold 1988), and other insects (Smithers 1971). See also (Taylor 2000: 62; Taylor 2005: 275).



Figure 80. *Taphozous mauritianus*

Common names:

Afrikaans: Witylvlermuis. English: Mauritian Tomb Bat, Tomb Bat. French: Chauve-souris mauritienne des tombeaux, Chauve-souris des tombes, Taphien de l'île Maurice. Portuguese: Morcego das sepulturas das Maurícias.

Etymology of name:

The specimen from which the species was described came from the island of Mauritius (see Taylor 2005: 274).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004bn).

Regional- South Africa- LC ver 3.1 (2001) (Friedmann and Daly 2004).



Distribution based on voucher specimens:
Angola, Burundi, Cameroon, Cote D'Ivoire,
Equatorial Guinea, Kenya, Madagascar,
Mauritius, Namibia, Nigeria, Rwanda, [South
Africa](#), Sudan, Tanzania, Tanzania [=former
Tanganyika], Uganda, Unknown country, Zambia.

Figure 81. Distribution of *Taphozous mauritanus*

Taphozous nudiventris Cretzschmar, 1830

- *1830. *Taphozous nudiventris* Cretzschmar, in Rüppell, Atlas Reise Nördl. Afr., Zool. Säugeth., 1: 70, fig. 27b. Type locality: Egypt: Giza (Kock (1969: 83) mentions: "Egypt, Nubia" and indicates that Giza is the type locality of the lectotype. Corbet and Hill (1992: 87) only mention "Egypt"). Type specimen: SMF 4310 (lectotype, ad M, mounted skin, skull not removed (Mertens, 1925: 20), collector E. Rüppell, collection date 1824, old catalog II.J.1.a; see Qumsiyeh, 1985: 26). Publication date: 1830-1831 (Allen (1939a: 67) mentioned 1826, whereas Kock (1969: 83) mentioned 1830. Grubb *et al.* (1998: 73) mentions "1830, vel 1831").
1835. *Taphozous nudiventer*: Temminck, Monogr. Mamm., 2: 280. Publication date: 1835-1841. Lapsus (Allen, 1939a: 67).
1877. *Nycticejus serratus* Heuglin, Reise in Nordost Afrika, 2: 35. Type locality: Ethiopia: ?Abyssinia, on the Araschkol and nearby mountains, "Sherq el Aqabah" (see Allen, 1939a: 67). Publication date: 1877. According to Simmons (2005) this is an enigmatic taxon, which is variously referred to either *Taphozous nudiventris* (e.g. Allen 1939a, Koopman 1993a) or *Scotophilus leucogaster* (Allen, 1939a), but which may not represent either of those species. Kock (1969: 83) includes it with a question mark in the synonymy of *Taphozous nudiventris*.
1885. *Taphozous perforatus* var. *assabensis* Monticelli, Ann. Accad. O. Costa de Aspir. Nat. Napoli, ser. 1, 1: 78, pl. 7. Type locality: Eritrea: Assab. Allen (1939a: 67) indicates that Monticelli considered it a synonym of *perforatus*, but Senna (1905), who examined the type, says it is *T. nudiventris*.
1964. *T(aphozous) mudiuemtris*: Walker, Mammals of the World, I: 241. Lapsus

Taxonomy:

See Simmons (2005).

Common names:

Arabian: Khafash Abu Bouz. English: Naked-bellied Tomb Bat, Naked-rumped Tomb Bat, Egyptian sheath-tailed bat, Naked-rumped bat. French: Taphien à croupe nue.

Etymology of name:

From the Latin "*nudus*" meaning naked and "*ventris*" meaning belly.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004br).

General distribution:

Cape Verde (Tranier and de Naurois, 1985), Mauritania, Senegal, and Guinea-Bissau to Egypt, Eritrea (Lavrenchenko *et al.*, 2004: 138), south over Djibouti (Pearch *et al.*, 2001: 396) to Tanzania and Morocco and east over Palestine/Israel, Pakistan and India to Burma (=Myanmar); SE Turkey; one uncertain record in S Algeria (see Horáček *et al.* 2000: 104).



Figure 82. Distribution of *Taphozous nudiventris*

Distribution based on voucher specimens:
Cape Verde, Egypt.

Taphozous perforatus E. Geoffroy St.-Hilaire, 1818

- *1818. *Taphozous perforatus* E. Geoffroy Saint-Hilaire, Descrip. de l'Egypte, 2: 126. Type locality: Egypt: Kom Ombo (Allen (1939a: 66) mentioned "Egypt" only. Restricted to Ombos (=Kom Ombo), between Edfu and Aswan by Kock (1969: 74): see Meester *et al.* (1986: 32). Type specimen: MNHN A.372 (ad unsexed, alcoholic; see Qumsiyeh, 1985: 23). Publication date: 1818. Mahoney and Walton (1980: 116) in Grubb *et al.* (1998: 72) considered the date of Geoffroy's publication to be 1813. Gardner and Hayssen (2004: 12) mention that the correct date should be 1818, not 1813 as mentioned on the publication itself.
1877. *Taphozous maritimus* Heuglin, Reise in Nordost Afrika, 2: 25. Type locality: Sudan: Suakin. Publication date: 1877.
1915. *Taphozous perforatus haedinus* Thomas, J. Bomb. Nat. Hist. Soc., 24: 62. Type locality: Kenya: Northern Guaso Nyiro, Chanler Falls [=Chandler's Falls] 2000' asl. Type specimen: BMNH 1912.7.1.46 (Holotype, ad M, skin, collection date 3 September (??11), original number 756). Publication date: 30 September 1915.

Taxonomy:

Harrison (1958, 1962) regards *sudani* as a separate species, but is not followed in this by subsequent authors (Rosevear 1965, Kock 1969, Hayman and Hill 1971, Koopman 1975). Hayman and Hill (1971) make no attempt to recognize subspecies within *perforatus*, but Kock (1969) recognizes three, *perforatus*, *sudani* and *haedinus*. Koopman (1975) does not agree entirely with the geographic limits suggested by Kock, but appears to accept the validity of the names proposed.

Common names:

Afrikaans: Egiptiese wityflermuis. Arabian: Khafash abu bouz saghir. English: Geoffroy's Tomb Bat, Egyptian Tomb Bat, Tomb Bat. French: Chauve-souris des tombes egyptiennes, Taphien des tombeaux. Portuguese: Morcego das sepulturas do egipto.

Etymology of name:

The specimen from which this species was described was taken by Geoffroy Saint-Hilaire from a royal tomb in Egypt (see Taylor 2005). The specific name *perforatus* refers to the peculiar situation of the tail, which seems to perforate the interfemoral membrane (see Taylor 2005).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004as).
Regional- South Africa- Indeterminate (Smithers

1986).

General distribution:

Senegal to Botswana, Namibia (Cotterill, 2004: 260), Mozambique, Ethiopia (Lavrenchenko *et al.*, 2004: 147), Somalia, Djibouti (Pearch *et al.*, 2001: 394) and Egypt; Jordan; S Arabia, S Iran; Pakistan; NW India (Kutch, Kathiawar).



Figure 83. Distribution of *Taphozous perforatus*

Distribution based on voucher specimens: "Africa", Egypt, Kenya, Nigeria, Sudan.

Taphozous perforatus perforatus E. Geoffroy St.-Hilaire, 1818

- *1818. *Taphozous perforatus* E. Geoffroy Saint-Hilaire, Descrip. de l'Egypte, 2: 126. Type locality: Egypt: Kom Ombo (Allen (1939a: 66) mentioned "Egypt" only. Restricted to Ombos (=Kom Ombo), between Edfu and Aswan by Kock (1969: 74): see Meester *et al.* (1986: 32). Type specimen: MNHN A.372 (ad unsexed, alcoholic; see Qumsiyeh, 1985: 23). Publication date: 1818. Mahoney and Walton (1980: 116) in Grubb *et al.* (1998: 72) considered the date of Geoffroy's publication to be 1813. Gardner and Hayssen (2004: 12) mention that the correct date should be 1818, not 1813 as mentioned on the publication itself.
1820. *Taphozous senegalensis* Desmarest, Encycl. Méthod., (Zoologie, Mammalogie) 1: 130. Type locality: Senegal: no specific locality. Publication date: 1820. Based on "le lérot-volant" of Daubenton, Mém. Acad. Paris, p. 366, 1759 (see Allen, 1939a: 66).
1958. *Taphozous perforatus swirae* Harrison, Durban Mus. Novit., 5 (11): 144. Type locality: Nigeria: N Nigeria, Sokoto [13 02 N 05 16 E] (Grubb *et al.* (1998: 72) mention the locality as Sokoyo). Type specimen: BMNH 1967.1226 (collected by Mrs Pamela Swire, skin made up by D.L. Harrison, collection date 26 August 1958, formerly in HZM collection 12.2690). Considered a valid subspecies by Grubb *et al.* (1998: 73), but see Kock (1969: 80 - 81).

Taphozous perforatus sudani Thomas, 1915

- *1915. *Taphozous sudani* Thomas, Ann. Mag. Nat. Hist., ser. 8, 15 (90): 561. Type locality: Sudan: Equatoria Province, Upper Nile, N of Lado, Mongalla. Type specimen: BMNH 1902.7.4.2 (Holotype, ad M, collected and presented by W.L.S. Loat, Esq.). Publication date: 1 June 1915.
1962. *Taphozous sudani australis* Harrison, Occ. Pap. Nat. Mus. S. Rhod., 26B: 763. Type locality: Zimbabwe: Junction between Limpopo and Shashi rivers [22 12 S 29 23 E]. Type specimen: ? ad M, collector Michael P. Stuart Irving *et al.*, Rhodesian School Exploration Society Sentinel Ranch Expedition, collection date: 5 May 1960, original number 9932. Homonym of *T. australis* Gould, 1854, from Australia (Harrison 1964, Kock 1969: 74, Meester *et al.* 1986: 32, Simmons 2005).
1964. *Taphozous sudani rhodesiae* Harrison, Arnoldia, 1 (3): 2. Renaming of *australis* Harrison, 1962, preoccupied.

Etymology of name:

Referring to the country where the type specimen was collected.

Family NYCTERIDAE Van der Hoeven, 1855

1855. *Nycteridae* Van der Hoeven, Handb. Dierkunde, 2nd ed., 2: 1028. Type genus: *Nycteris* Cuvier and Geoffroy, 1795.
1910. *Petaliidae* Miller, Proc. Biol. Soc. Washington, 22: 90. Type genus: *Nycteris* Cuvier and Geoffroy, 1795. Replacement name for Nycteridae Dobson, 1875, due to the fact that Miller (1910) considered the name for the type genus (*Nycteris* Geoffroy 1803) to be antedated by *Nycteris* Borkhausen, 1797).

Taxonomy:

Koopman (1993a) mentions Van der Hoeven (1855) as author whereas Corbet and Hill (1992: 88) mention Dobson, 1875b: 348.

bats. Finnish: Valkopäälepakot. German: Schlitznasenfledermäuse. Norwegian: Hullneser, striflaggermus.

Common names:

Afrikaans: Langoor-vlermuise. English: Slit-faced bats, Hollow-faced bats, Hispid bats, Long-eared

Etymology of name:

The family gets its name from the Greek name for a bat, *Nycteris* (see Taylor 2005).

Genus *Nycteris* G. Cuvier and E. Geoffroy, 1795

1795. *Nycteris* G. Cuvier and E. Geoffroy, Mag. Encyclop., 1 année 2: 186. Type: *Vespertilio hispidus* Schreber, 1774. Gray *et al.* (1999: 1) mention Geoffroy and Cuvier, 1795 as authors.
1803. *Nicteris* Desmarest, Nouv. Dict. Hist. Nat., 15: 501.
1838. *Petalia* Gray, Mag. Zool. Bot., 2 (12): 494. Publication date: 1 February 1838. Type species: *Nycteris Javanicus* E. Geoffroy Saint-Hilaire, 1813.
1866. *Nycterops* Gray, Proc. zool. Soc. Lond., 1866, I: 83. Publication date: May 1866. Type species: *Nycterops pilosa* Gray, 1866 (= *Vespertilio hispidus* Schreber, 1774).
1866. *Pelatia* Gray, Proc. zool. Soc. Lond., 1866, I: 83. Publication date: May 1866. Lapsus.
1977. *Petelia* Lekagul and McNealey, Mammals of Thailand: 107. Lapsus.
1998. *Nyteris* Van Cakenberghe and De Vree, Bonn. zool. Beitr., 48 (2): 123. Lapsus.

Taxonomy:

Meester *et al.* (1986) state that Andersen (1912) divided *Nycteris* into four groups, three of which, viz. *hispidus*, *aethiopicus* (= *macrotis* - Koopman 1965, 1975) and *thebaicus*, occur in Southern Africa. The fourth group (*arge*) is limited to the African forest block.

Etymology of name:

From the Greek "*nykteros*" meaning nocturnal.

Common names:

English: Hollow-faced bats, Slit-faced bats.

Nycteris arge Thomas, 1903

- *1903. *Nycteris arge* Thomas, Ann. Mag. Nat. Hist., ser. 7, 12 (72): 633. Type locality: Cameroon: SW Cameroon, Efulen. Type specimen: BMNH 1904.2.8.2 (Holotype, ad M; alcoholic and skull; collector: Mr. G.L. Bates). Publication date: 1 December 1903.
1910. *Petalia arge*: Thomas and Wroughton, Trans. zool. Soc. Lond., 19 (5) (63): xxx. Name combination.
2002. *Nycteris argae* Fenton and Bogdanowicz, Can. J. Zool., 80: 1008. Lapsus

Taxonomy:

Formerly included *intermedia*; see Hayman and Hill (1971: 19), but see Van Cakenberghe and De Vree (1985).

Common names:

English: Bates's Slit-faced Bat, Nimble Slit-faced Bat. French: Chauve-souris à queue bifurquée, Nyctère de Bates.

Etymology of name:

From the Greek "*argos*" meaning shiny, bright, nimble, swift, rapid.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004ca).

General distribution:

Sierra Leone; Central African Republic (Lunde *et al.*, 2001: 537), Republic of the Congo (Dowsett *et al.*, 1991: 259); S and E Democratic Republic of the Congo; Uganda (Kityo and Kerbis, 1996: 60); W + E Kenya (Webala *et al.*, 2004: 171); SW Sudan; NE Angola; Bioko.

Distribution based on voucher specimens:

"Africa", Cameroon, Congo (Democratic Republic of the), Cote D'Ivoire, Côte d'Ivoire, Equatorial Guinea, Ghana, Kenya, Liberia, Nigeria, Sierra Leone, Sudan, Tanzania, Togo, Uganda.



Figure 84. Distribution of *Nycteris arge*

Nycteris aurita (K. Andersen, 1912)

- *1912. *Petalia aurita* K. Andersen, Ann. Mag. Nat. Hist., ser. 8, 10 (59): 547. Type locality: Kenya: Kitui (Allen (1939a: 68) mentions Kilifi). Type specimen: BMNH 1889.1.11.1 (ad F; alcoholic and skull; collector and presenter: G.D. Trevor-Roper). Publication date: 1 November 1912.
1924. *Nycteris aurita*: de Beaux, Atti. Sic. Lig. Sci. Lett., n.s., 3 (1): xxx. Name combination.
1957. *Nycteris hispidata aurita*: Ansell, Ann. Mag. nat. Hist., ser. 12, 10: xxx. Name combination.

Taxonomy:

See Simmons (2005).

Common names:

English: Andersen's Slit-faced Bat. French: Nyctère à longues oreilles. German: Andersens Schlitznasen-Fledermaus.

Conservation status:

Global- LR/nt (Baillie and Groombridge 1996); DD ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004af).

General distribution:

Ethiopia (Lavrenchenko *et al.*, 2004: 147), S Somalia, N and E Kenya, NE Tanzania.

Distribution based on voucher specimens:

Ethiopia, Kenya, Somalia, Sudan, Tanzania.



Figure 85. Distribution of *Nycteris aurita*

Nycteris gambiensis (K. Andersen, 1912)

- *1912. *Petalia gambiensis* K. Andersen, Ann. Mag. Nat. Hist., ser. 8, 10 (59): 548. Type locality: Senegal: Dialocote [13 25 N 13 20 W]. Type specimen: BMNH 1911.6.10.10 (ad ?; skin and skull; Collector: G.F. Owen; Original number: A5; Collection date: 7 May 1910). Publication date: 1 November 1912.
1923. *Petalia (Nycteris) thebaica gambiensis*: de Beaux, Atti Soc. ital. Sci. nat., 62: xx. Name combination.
1929. *Nycteris thebaica gambiensis*: Ingoldby, Ann. Mag. nat. Hist., ser. 10, 3: xxx. Name combination
1939. *Nycteris gambiensis*: G.M. Allen, Bull. Mus. comp. Zool., 83: xxx. Name combination.
1975. [*Nycteris*] *gambianus* Koopman, Bull. Am. Mus. Nat. Hist., 154 (4): 381: Lapsus.

Taxonomy:

See Simmons (2005).

Common names:

English: Gambian Slit-faced Bat. French: Nyctère de Gambie.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Bergmans and Fahr 2004).

General distribution:

Senegal, Gambia, Guinea, Sierra Leone, Ghana, Togo, Benin, Burkina Faso.

Distribution based on voucher specimens:

Benin, Burkina Faso, Cote D'Ivoire, Ghana, Guinea, Guinea-Bissau, Nigeria, Senegal, The Gambia, Togo.



Figure 86. Distribution of *Nycteris gambiensis*

Nycteris grandis Peters, 1865

- *1865. *Nycteris grandis* Peters, Monatsb. k. preuss. Akad. Wiss. Berlin, p. 358. Type locality: Ghana: vicinity of Elmina (Grubb *et al.* (1998: 76) "Type locality: Usually given as "Guinea" but the type, in the Leiden Museum, was collected in 1863 by Nagtglas, and ascribed to Côte d'Or (Jentink, 1888b: 170). The type locality may be further restricted to the vicinity of Elmina [Ghana] which is the only definite locality Jentink cited for any of the Nagtglas material"). Type specimen: RMNH 27348 (Paralectotype; ad ?; skin; Collector: C.J.M. Nagtglas; Collection date: 1863).
1866. *Nycteris baikii* Gray, Monatsb. k. preuss. Akad. Wiss. Berlin, 1867: 672 (for 1866). Type locality: West Africa: Baikie. Meester *et al.* (1986: 34) mention "Gray in Peters" as author. Nomen nudum.
1912. *Petalia grandis*: K. Andersen, Ann. Mag. nat. Hist., ser. 8, 10 (59): xxx. Name combination.
1923. *Nycteris marica* Kershaw, Ann. Mag. Nat. Hist., ser. 9, 12 (70): 534. Type locality: Tanzania: Kilosa, Tindiga. Type specimen BMNH 1923.8.2.1 (ad ?; skin and skull; Collector: Arthur Loveridge; Collection date: 24 January 1922). Publication date: 1 October 1923.
1925. *Nycteris proxima* Lönnberg and Gyldenstolpe, Ark. Zool., 17B (9): 1. Type locality: Democratic Republic of the Congo: Semliki valley, Kartoushi. Type specimen: ad M; 11 March 1921, orig nr 813: see Lönnberg and Gyldenstolpe (1925: 2). Publication date: 14 May 1925.
1981. *Nycteris grandis marica*: Kock, Senckenbergiana biol., 61 (5/6): xxx. Name combination.
1991. *Nycteris graudis* Baker, Honeycutt and Van den Bussche, Bull. Am. Mus. Nat. Hist., 206: 46. Lapsus

Taxonomy:

See Hickey and Dunlop (2000).

General description of cranial and dental morphology:

See Hickey and Dunlop (2000).

Common names:

Afrikaans: Groot spleetneusvlermuis. English: Large Slit-faced Bat. French: Grand nyctère. German: Große Schlitznase. Portuguese: Morcego grande orelhudo.

Detailed morphology:

For a description of the skull, ears and tragus, and wingshape and aspect ratio see Hickey and Dunlop (2000).

Etymology of name:

From the Greek "*grandis*" meaning magnificent (Brown, 1991; Jaeger 1978, both in Hickey and Dunlop, 2000: 3).

Functional morphology:

Unknown.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004cf).

Sexual dimorphism:

N. grandis is not sexually dimorphic in size (Hickey and Dunlop 2000: 1).

General distribution:

Senegal, Guinea (Fahr and Ebigbo, 2003: 128) over Togo (Capo-Chichi *et al.*, 2004: 162), Central African Republic (Lunde *et al.* (2001: 537), Republic of the Congo (Dowsett *et al.*, 1991: 259) to Kenya, Zimbabwe, Malawi (Happold and Happold, 1997: 815), and Mozambique; Zanzibar and Pemba.

Echolocation:

See Taylor (1999) and Hickey and Dunlop (2000).

Molecular biology:

DNA, Karyotype, Protein / allozyme - Unknown.

Habitat:

See Hickey and Dunlop (2000).

Habits:

See Hickey and Dunlop (2000).

Geographic variation:

Unknown.

Roost:

See Hickey and Dunlop (2000).

General description of external morphology:

See Hickey and Dunlop (2000).

Migration:
Unknown.

Food / diet:
See Hickey and Dunlop (2000).

Predators:
Unknown.

Population:
Structure and density - unknown.

Lifespan:
Unknown.

Activity and behaviour:
See Hickey and Dunlop (2000).

Reproduction and ontogeny:
See Hickey and Dunlop (2000).

Mating:
Unknown.

Post-natal development:
Unknown.

Parasites:
Little information is available regarding parasites of *N. grandis* (Hickey and Dunlop 2000).

Viruses:
Keymer (1971) reported "broad trypanosomes" from four of six specimens collected from Zambia.

Utilization:
Unknown.

Anthropophilous:
Unknown.



Figure 87. Distribution of *Nycteris grandis*

Distribution based on voucher specimens:
Benin, Cameroon, Congo, Congo (Democratic Republic of the), Cote D'Ivoire, Equatorial Guinea, Gabon, Ghana, Kenya, Liberia, Nigeria, Tanzania, Tanzania [=former Tanganyika], Togo, Zambia, Zimbabwe.

Nycteris hispida (Schreber, 1774)

- *1774. *Vespertilio hispidus* Schreber, Die Säugethiere, 1 (8): pl. 56 + 1 (9): 169, 188. Type locality: Senegal: no specific locality. Publication date: 1774.
1813. *Nycteris Daubentonii* E. Geoffroy Saint-Hilaire, Ann. Mus. Hist. Nat. Paris, 20: 19. Type locality: Senegal: no specific locality. Publication date: August 1813.
1840. *Nycteris hispida*: Wagner, Die Säugethiere in Abbildungen nach der Natur. xxx. Name combination.
1843. *Nycteris poensis* Gray, Cat. Spec. Mamm. Brit. Mus., p. 24. Type locality: Equatorial Guinea: Fernando Po. Type specimen: BMNH 1855.12.26.252 (Intended specimen: F, skin and skull (= *Rhinolophus martini* Fraser): see Meester *et al.* (1986: 33)). Publication date: 13 May 1843.
1843. *Rhinolophus Martini* Fraser, Proc. Zool. Soc. Lond., 1843, V (cxxi): 25. Type locality: Equatorial Guinea: Fernando Po. Type specimen: BMNH 1855.12.26.252. Publication date: July 1843.
1852. *Nycteris villosa* Peters, Naturw. Reise Mossamb., Säugethiere, p. 48, pl II. Type locality: Mozambique: Inhambane. - Publication date: 1852. Considered a valid subspecies by Taylor (1998: 33).
1866. *Nycterops pilosa* Gray, Proc. Zool. Soc. Lond., 1866, I: 83. Type locality: "Africa": no specific locality. Publication date: May 1866.
1871. *Nycteris pilosa*: Peters, Monatsb. K. presuss. Akad. Wiss., Berlin: xxx. Name combination.
1878. *Nycteris hispida villosa*: Dobson, Cat. Chiropt. Brit. Mus.: xxx. Name combination.
1883. *Nycteris hispidus*: Rochebrune, Soc. Linn. Bordeaux, 37: xxx. Name combination.
1910. *Petalia hispida*: Thomas and Wroughton, Trans. Zool. soc. Lond., 19 (5) (63): xxx. Name combination.
1917. *Nycteris pallida* J.A. Allen, Bull. Am. Mus. Nat. Hist., 37 (18): 425. Type locality: Democratic Republic of the Congo: Faradje. Type specimen: AMNH 49144 (ad M, collector Herbert Lang and James P. Chapin (American Museum Congo Expedition), collection date 1 March 1912, original number 1858). Publication date: 29 September 1917.
1935. *Nycteris hispida hispida*: Braestrup, Vidensk. Medd. dansk. naturhist. Foren. Kbh., 99: xxx. Name combination.
1935. *Nycteris hispida martini*: Braestrup, Vidensk. Medd. dansk. naturhist. Foren. Kbh., 99: xxx. Name combination.
1935. *Nycteris hispida pallida*: Braestrup, Vidensk. Medd. dansk. naturhist. Foren. Kbh., 99: xxx. Name combination.

Taxonomy:

Koopman (1975: 377, 378) includes *aurita* and *pallida*. Van Cakenberghe and De Vree (1993) consider *aurita* as a separate species.

Common names:

Afrikaans: Harige spleetneusvlermuis, Harige Langoorvlermuis. English: Hairy Slit-faced Bat, Hairy Long-eared Bat. French: Nyctère hérissé, Nyctère hirsute. German: Rauhaarschlitznase. Portuguese: Morcego orelhudo piloso.

Etymology of name:

Although this species is no more hairy than any of the other slit-faced bats, the name is applied to it as a translation of the specific name *hispida*, which is from the Latin *hispidus*, meaning hairy or bristly, referring to the bristly hair around the facial slit (see Taylor 2005).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004ae).

Regional- South Africa- NT ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

Senegal over Benin (Capo-Chichi *et al.*, 2004: 162), Central African Republic (Lunde *et al.*, 2001: 537), Republic of the Congo (Dowsett *et al.*, 1991: 259), Uganda (Kityo and Kerbis, 1996: 60) to Ethiopia (Lavrenchenko *et al.*, 2004: 132), Somalia and south to Angola, Malawi (Happold and Happold, 1997: 815), Zambia, Zimbabwe, Namibia (?), Botswana (Cotterill, 2004: 261) and South Africa; Zanzibar; Bioko. (The records from Cape of Good Hope are probably invalid (Cotterill, 1996)).

Echolocation:

See Taylor *et al.*, (2005).

Molecular biology:

DNA - Unknown.

Karyotype - Lee *et al.* (1989) reported $2n = 42$,

FN = 78, BA = 38, and a metacentric X and Y.

Protein / allozyme - Unknown.

Distribution based on voucher specimens:

"Africa", Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Central African Republic, Chad, Congo (Democratic Republic of the), Cote D'Ivoire, Côte d'Ivoire, Equatorial Guinea, Ethiopia, Gabon, Ghana, Guinea, Kenya, Liberia, Malawi, Mauritania, Mozambique, Namibia, Nigeria, Rwanda, Senegal, Sierra Leone, Somalia, South Africa, Sudan, Tanzania, Togo, Uganda, Unknown country, Zambia.



Figure 88. Distribution of *Nycteris hispida*

Nycteris intermedia Aellen, 1959

- *1959. *Nycteris intermedia* Aellen, Arch. Sci. Genève, 12 (2): 218. Type locality: Côte d'Ivoire: NW of Abidjan, Adiopodoumé [05 19 N 04 08 W]. Type specimen: MHNG 923.94 (ad F; alcoholic and skull; Collector: Villy Aellen; Original number: A1437; Collection date: 20 July 1953 + 3 paratypes).

Taxonomy:

Formerly included in *N. arge* but see Van Cakenberghe and De Vree (1985).

Common names:

English: Intermediate Slit-faced Bat. French: Nyctère moyen. German: Intermediäre Schlitznasenfledermaus.

Etymology of name:

Referring to its intermediary size between *Nycteris arge* and *Nycteris nana*.

Conservation status:

Global- LR/nt (Baillie and Groombridge 1996); NT ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004b).

General distribution:

Liberia over Central African Republic (Lunde *et al.*, 2001: 537) to W Tanzania and south to Angola.

Distribution based on voucher specimens:

Angola, Cameroon, Congo (Democratic Republic of the), Cote D'Ivoire, Côte d'Ivoire, Gabon, Ghana, Tanzania.

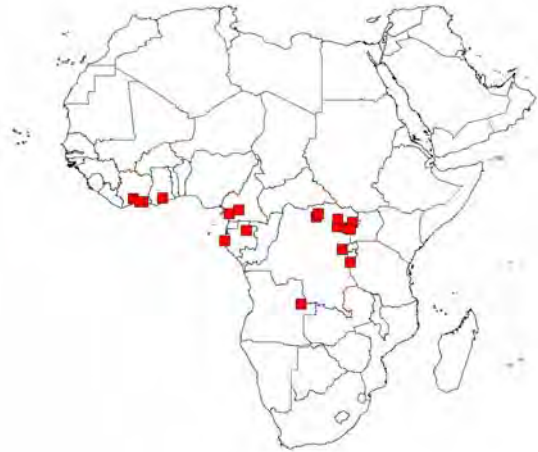


Figure 89. Distribution of *Nycteris intermedia*

Nycteris macrotis Dobson, 1876

- *1876. *Nycteris macrotis* Dobson, Monogr. Asiatic Chiroptera, p. 80. Type locality: Sierra Leone: no specific locality. Type specimen BMNH 1866.2.2.2 (sad M; alcoholic and skull).
1878. *Nycteris aethiopica* Dobson, Cat. Chiroptera Brit. Mus., p. 165. Type locality: Sudan: Kordofan, Sennaar. Type specimen BMNH 1847.5.27.32 (Holotype, ad ?; skin and skull; Collector: Th. Kotschy). Publication date: June 1878.
1901. *Nycteris aethiopica luteola* Thomas, Ann. Mag. nat. Hist., ser. 7, 8 (43): 30. Type locality: Kenya: Kitui [3 500 ft (= 1 067 m)]. Type specimen BMNH 1901.5.6.4 (ad F; skin and skull; Collector: dr. S.L. Hinde; Collection date: 14 February 1901). Publication date: 1 July 1901.
1901. *Nycteris aethiopica aethiopica*: Thomas, Ann. Mag. nat. Hist., ser. 7, 8 (43): 30. Name combination.
1912. *Petalia aethiopica aethiopica*: K. Andersen, Ann. Mag. nat. Hist., ser. 8, 10 (59): xxx. Name combination.
1912. *Petalia aethiopica luteola*: K. Andersen, Ann. Mag. nat. Hist., ser. 8, 10 (59): xxx. Name combination.
1912. *Petalia macrotis*: K. Andersen, Ann. Mag. nat. Hist., ser. 8, 10 (59): xxx. Name combination.
1917. *Nycteris major* J.A. Allen, Bull. Am. Mus. Nat. Hist., 37: xxx. Not of Andersen (1912).
1922. *Nycteris oriana* Kershaw, Ann. Mag. Nat. Hist., ser. 9, 10 (56): 179. Type locality: Malawi: [Shiré valley] Chiromo [16 32 S 35 09 E, 60 m]. Type specimen BMNH 1922.4.25.3 (ad F; skin and skull; Collector: R.C. Wood; Original number: 312; Collection date: 7 May 1918). Publication date: 1 August 1922.
1923. *Nycteris luteola*: Loveridge, Proc. zool. Soc. Lond., II: xxx. Name combination.
1939. *Nycteris aethiopica guineensis* Monard, Arq. Mus. Bocage, Lisboa, 10: 66. Type locality: Guinea Bissau: Mansoa [12 04 N 15 19 W]. Type specimens: MHNG 1326.5; NMBE 5271 (Syntypes; respectively: ad M; alcoholic and skull; Collector: dr. A. Monard; Original number: 283; Collection date: 14 December 1937; original number 319; 1 M, alcoholic, Collection date: 17 December 1937); RMCA 15310 (F, alcoholic, collector Dr A. Monard, collection date 1937). Monard (1939: 66) mentions a larger series: 283 (F), 283 (M), 284 (M), 285 (F), 319 (M). Publication date: March 1939.
1939. *Nycteris aethiopica guineensis f. aurantiaca* Monard, Arq. Mus. Bocage, Lisboa, 10: 68. Type locality: Guinea Bissau: Pitche [12 20 N 13 57 W]. Type specimen: M, nr 717. Not *aurantiaca* De Beaux, 1923 = *Nycteris thebaica*: see Meester *et al.* (1986: 35). Publication date: March 1939.
1942. *Nycteris aethiopica oriana*: Allen and Loveridge, Bull. Mus. comp. Zool., 89 (4): xxx. Name combination.
1953. *Nycteris macrotis macrotis*: Ellerman, Morrison-Scott and Hayman, Southern African Mammals. xxx. Name combination.
1953. *Nycteris macrotis oriana*: Ellerman, Morrison-Scott and Hayman, Southern African Mammals. xxx. Name combination.
1960. *Nycteris macrotis luteola*: Harrison, J. E. Afr. nat. Hist. Soc. Natl. Mus., 23 (7) (104): xxx. Name combination.
1969. *Nycteris macrotis aethiopica*: Kock, Senckenbergiana biol., 46 (5): xxx. Name combination.
- ? *Nycteris aethiopica*: Modified spelling.

Taxonomy:

Meester *et al.* (1986) indicate that both Koopman (1965, 1975, and in Honacki *et al.* 1982) and Kock (1969) included the extralimital [to southern Africa] *aethiopica* Dobson, 1878, and *luteola* Thomas, 1901, as subspecies in this species. While Hayman and Hill (1971) treat *macrotis* and *aethiopica* as separate species, they confirm that the distinction is by no means certain.

N. macrotis macrotis Dobson, 1876 may include

also *Plecotus aethiopicus* Fitzinger, 1866, from the White Nile, a nomen nudum (Kock 1969).

Kock (1969) regards *oriana* as a synonym of the extralimital *luteola*, but Ansell (1978) and Smithers (1983) treat it as a separate subspecies.

Common names:

Afrikaans: Groter spleetneusvlermuis. English: Large-eared Slit-faced Bat, Greater Slit-faced Bat, Big-eared slit-faced bat. French: Nyctère à

grandes oreilles.

Etymology of name:

Although the specific name *macrotis* is derived from the Greek "*makros*" and "*otis*" meaning large eared, the species' ears are in fact smaller than in species such as the Egyptian slit-faced bat (*N. thebaica*) (see Taylor 2005).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004ba).

General distribution:

Senegal, Gambia (Emms and Barnett, 2005: 50), (over Mali (Meinig, 2000: 105), Benin (Capo-Chichi *et al.*, 2004: 162), Republic of the Congo (Dowsett *et al.*, 1991: 259), Uganda (Kityo and Kerbis, 1996: 60)) to Ethiopia, south to Zambia (Cotterill, 2002: 6), Zimbabwe, Namibia (?) (Cotterill, 2004 : 261), Malawi and Mozambique; Zanzibar.

Molecular biology:

DNA - Unknown.

Karyotype - Lee *et al.* (1989) described the karyotype as having a diploid number of $2n=40$, aFN= 74, BA= 36, X= M, Y= M.

Protein / allozyme - Unknown.

Distribution based on voucher specimens:

"Africa", "Congo", Angola, Benin, Botswana, British East Africa, Burkina Faso, Burundi, Cameroon, Chad, Congo, Congo (Democratic Republic of the), Cote D'Ivoire, Côte d'Ivoire, Ethiopia, Ghana, Guinea, Guinea-Bissau, Kenya, Liberia, Malawi, Namibia, Niger, Nigeria, Rwanda, Senegal, Sierra Leone, Somalia, Sudan, Tanzania, Tanzania [=former Tanganyika], The Gambia, Togo, Uganda, Unknown Country, Zambia.



Figure 90. Distribution of *Nycteris macrotis*

Nycteris madagascariensis G. Grandidier, 1937

- *1937. *Nycteris madagascariensis* G. Grandidier, Bull. Mus. natn. Hist. nat., Paris, ser. 2, 9: 353. Type locality: Madagascar: N of Diego-Suarez [=Antsiranana], Rodo valley, N of Pirkana, near the Ankarana [12 05 S 49 05 E]. Type specimen: MCZ 45433 (F; body in alcohol and skull; formerly Grandidier collection; collection date: June 1910; see Helgen and McFadden, 2001: 142). Helgen and McFadden (2001: 142) also mention a paratype (MCZ 45434; F; body in alcohol and skull). Publication date: November 1937.

Taxonomy:

Earlier included in *thebaica*, but considered a synonym of *macrotis* by Van Cakenberghe and De Vree (1985), Koopman (1993a: 162), but a valid species by Peterson *et al.* (1995: 63), Russ *et al.* (2001), Simmons (2005).

Common names:

English: Madagascar slit-faced bat. French: Chauve-souris malgache balafrée, Nyctère de Madagascar.

Etymology of name:

Referring to the island of Madagascar, where the species occurs.

Conservation status:

Global- DD ver 2.3 (1994).

General distribution:

N Madagascar.

Distribution based on voucher specimens:

Madagascar.



Figure 91. Distribution of *Nycteris madagascariensis*

Nycteris major (K. Andersen, 1912)

- *1912. *Petalia major* K. Andersen, Ann. Mag. nat. Hist., ser. 8, 10 (59): 547. Type locality: Cameroon: Ja River. Type specimen: BMNH 1909.10.2.49 (ad F; alcoholic and skull; collector: G.L. Bates, collection date: 23 January 1906). Publication date: 1 November 1912.
1917. *Nycteris avakubia* J.A. Allen, Bull. Am. Mus. Nat. Hist., 37 (18): 426, fig. 3. Type locality: Democratic Republic of the Congo: NE Congo, Oriental Province, Avakubi. Type specimen: AMNH 49403 (ad M, alcoholic, collector: Herbert Lang and James P. Chapin (American Museum Congo Expedition), collection date: September 1913, original number 2623). Publication date: 29 September 1917.
1917. *Nycteris major*: J.A. Allen, Bull. Am. Mus. Nat. Hist., 37 (18): 427. Publication date: 29 September 1917. Name combination. The specimens assigned to this species by Allen (1917), however, belong to *Nycteris macrotis* (see Koopman, 1965).

Taxonomy:

See Simmons (2005).

Common names:

English: Ja Slit-faced Bat, Large Slit-faced Bat.
 French: Nyctère de Ja. German: Dja-Schlitznasenfledermaus.

Etymology of name:

From the Latin "*maior*" (see Kozhurina, 2002: 16).

Conservation status:

Global- VU (Baillie and Groombridge 1996); VU A4c ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004ci).

General distribution:

Liberia over Benin (Capo-Chichi *et al.*, 2004: 162) to Zambia.

Distribution based on voucher specimens:

Cameroon, Congo (Democratic Republic of the), Cote D'Ivoire, Zambia.



Figure 92. Distribution of *Nycteris major*

Nycteris nana (K. Andersen, 1912)

- *1912. *Petalia nana* K. Andersen, Ann. Mag. nat. Hist., ser. 8, 10 (59): 547. Type locality: Republic of the Congo: [Rio Muni,] Benito River. Type specimen: BMNH 1900.2.5.46 (ad M; alcoholic and skull; Collector: G.L. Bates). Publication date: 1 November 1912.
1926. *Nycteris nana*: Cabrera and Ruxton, Ann. Mag. nat. Hist., ser. 9, 17: xxx. Name combination.
1936. *Nycteris nana tristis* G.M. Allen and Lawrence, Bull. Mus. comp. Zool., 79: 47. Type locality: Kenya: (W Nyanza) Kakamega District, Kaimosi. Type specimen: MCZ 31156 (holotype, ad F, skin and skull, collector: Arthur Loveridge, collection date: 13 February 1934; see Helgen and McFadden, 2001: 142). Publication date: 30 January 1936.
1939. *Nycteris nana nana*: G.M. Allen, Bull. Mus. comp. Zool., 83: xx. Name combination.

Taxonomy:

See Simmons (2005).

Common names:

English: Dwarf Slit-faced Bat. German: Zwerg-Schlitznasenfledermaus. French: Nyctère nain.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004ce).

General distribution:

Ivory Coast to NE Angola, W Tanzania, W Kenya, and SW Sudan.

Distribution based on voucher specimens:

Cameroon, Congo (Democratic Republic of the), Cote D'Ivoire, Equatorial Guinea, Ghana, Kenya, Sudan, Uganda.



Figure 93. Distribution of *Nycteris nana*

Nycteris parisii (de Beaux, 1923)

- *1924. *Petalia parisii* de Beaux, Atti Soc. ital. Sci. nat., 62: 254 (for 1923). Type locality: Somalia: Balli. Type specimen (N 1449, F, alcoholic and skull, collection date: 6 April 1922). Publication date: February 1924. (see Allen 1939a: 70).
1930. *Nycteris parisii*: Zammarano, Le Colonie Italiana de Diretto Dominio. xxx. Name combination.
1952. *Nycteris benuensis* Aellen, Mém. Soc. neuchât. Sci. nat., 8: 53. Type locality: Cameroon: Rei Boubia.
1971. *Nycteris parisii benuensis*: Hayman and Hill, Order Chiroptera: xxx. Name combination.
1971. *Nycteris parisii parisii*: Hayman and Hill, Order Chiroptera: xxx. Name combination.

Taxonomy:

Included in *woodi* by Van Cakenberghe and De Vree (1985), Koopman (1993: 162); but see Simmons (2005).

Conservation status:

Global- DD ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004bk).

Common names:

English: Parisi's Slit-faced Bat, Balli Slit-faced Bat, Paris's Slit-faced Bat, Parissi's Slit-faced Bat.

General distribution:

Cameroon, S Somalia, Ethiopia.

Nycteris thebaica E. Geoffroy St.-Hilaire, 1818

- *1818. *Nycteris Thebaicus* E. Geoffroy Saint-Hilaire, Descrip. de l'Egypte, 2: 119, pl. 1, No 2. Type locality: Egypt: Thebes (near Luxor). Type specimen: MNHN 889 (ad F(?), Skin, skull not removed). Publication date: 1818.
1820. *Nycteris Geoffroyi* Desmarest, Encycl. Méthod., (Zoologie, Mammalogie) 1: 127. Type locality: Senegal: 40 leagues east of Podor. Publication date: 1820. Included in *macrotis* by Kock (1969: 93) [although with a question mark] and Meester *et al.* (1986: 35).
1829. *Nycteris affinis* A. Smith, Zool. Journ., 4: 434. Type locality: Republic of South Africa: E Cape Province, Grahamstown (originally: "South Africa", restricted to "Grahamstown, eastern Cape Province, South Africa" by Roberts (1951: 69): see Kock (1969: 98), Meester *et al.* (1986: 35), Gray *et al.* (1999: 2)). Publication date: January-May 1829.
1829. *Nycteris capensis* A. Smith, Zool. Journ., 4: 434. Type locality: Republic of South Africa: SW Cape Province, Swellidam (Originally "Interior of South Africa", restricted to "Swellidam, SW Cape Province, South Africa" by Roberts (1951: 69): see Kock (1969: 98), Meester *et al.* (1986: 35), Gray *et al.* (1999: 2). Ansell and Dowsett (1988: 31) mention the locality as "Swellendam"). Publication date: January-May 1829. Considered a valid subspecies by Taylor (1998: 33). Type specimen: BMNH 1863.2.21.6 (Lectotype?, ad M; skin; Collector: A. Smith); RMNH Jentink 1888 171B (Paralectotype; ad ?; skin and skull; Collector: W.C.H. Peters).
1834. *Nycteris thebaica*: A. Smith, S. Afr. J., 2: 59. Current spelling.
1840. *Nycteris albiventer* Wagner, Schreber's Säugeth., Suppl. 1: 439. Type locality: Sudan: Northern Province, Dongola (Originally "Nubia" (see Kock, 1969: 98), restricted to Dongola, Northern Province, Sudan by Koopman 1975: see Gray *et al.* (1999: 2)).
1840. *Nycteris discolor* Wagner, Schreber's Säugeth., Suppl. 1: 440. Type locality: Republic of South Africa: Ecklon (Allen (1939a: 68) mentions it as "Südspitze von Afrika". Kock (1969: 98), Meester *et al.* (1986: 35) mention "Southern tip of Africa; Knysna, fide Roberts (1951).").
1852. *Nycteris fuliginosa* Peters, Naturw. Reise Mossamb., Säugethiere, p. 46, pl. 10. Type locality: Mozambique: 12 mi (19 km) NW Quelimane, Boror. Type specimens: BMNH 1907.1.1.337 (Syntype; ad F; alcoholic and skull); BMNH 1858.6.18.15 (Syntype). Publication date: 1852.
1861. *Nycteris labiata* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 28 (8): 5. Type locality: Eritrea: Bogos, Cheren Cheren (=Keren) [c 15 45 N 38 20 E]. Type specimen: RMNH 27231 (paralectotype; ad ?, skin and skull, collector: Theodor von Heuglin, collection date: November 1861). Publication date: 1861.
1866. *Plecotus æthiopicus* Heuglin and Fitzinger, Sber. k. Akad. Wiss. Wien, math. naturw. Kl., 54 (1): 546. Type locality: Sudan: Bahr el Abiat (White Nile). Meester *et al.* (1986: 35) mention Fitzinger only as author. Nomen nudum (see Allena, 1939: 68). Included in *macrotis* by Kock (1969: 93), but rejected as nomen nudum.
1868. *Nycteris geoffroyi* Var. *senegalensis* Hartmann, Zeitschr. Gesellsch. Erdkde, Berlin, 3 (28/29): 44. Type locality: Sudan: Sennaar.
1871. *Nycteris angolensis* Peters, Monatsb. K. preuss. Akad. Wiss. Berlin, p. 903 (for 1870). Type locality: Angola: Biballe and Rio Coroca, Caconda (Restricted by Hill and Carter (1941): see Gray *et al.* (1999: 2)). Type specimens: BMNH 1879.1.21.2 (Syntype) - -.
1871. *Nycteris damarensis* Peters, Monatsb. K. preuss. Akad. Wiss. Berlin, p. 905 (for 1870). Type locality: Namibia: Damaraland, Otjimbingue. Type specimens: BMNH 1838.2.8.4 (Syntype; ad ?; skin and skull; collector: Captain Alexander; original number: 1079) - -.
1881. *Nycteris Revoilii* Robin, Bull. Soc. Pholim. Paris, (7) 5: 90. Type locality: Somalia: north of 10 ° N (Originally "Somalia", restricted to "Somalia, north of 10 °N" by Moreau *et al.* (1946: 399): see Gray *et al.* (1999: 2)).
1900. *Nycteris thebaica angolensis*: Seabra, Jorn. Sci. math. phys. nat., Lisboa, (2) 6 (22): xxx. Name combination.
1900. *Nycteris thebaica damarensis*: Seabra, Jorn. Sci. math. phys. nat., Lisboa, (2) 6 (22): xxx. Name combination.
1900. *Nycteris thebaica fuliginosa* Seabra, Jorn. Sci. math. phys. nat., Lisboa, (2) 6 (22): xxx. Name combination.
1904. *Nycteris thebaica capensis*: Trouessart, Cat. Mamm. tam viv.: xxx. Name combination.
1908. *Petalia capensis*: Thomas and Wroughton, Proc. zool. Soc. Lond., xxx. Name combination.

1909. *Nycteris capensis* var. *fuliginosa*: Seabra, Ann. Scient. Acad. Polytech. Porto, 4: xxx. Name combination.
1910. *Petalia thebaica*: Thomas, Ann. Mag. nat. Hist., ser. 8, 6: xxx. Name combination.
1911. *Petalia revoilii*: G.M. Allen, Bull. Mus. comp. Zool., 54: xxx. Name combination.
1912. *Petalia damarensis brockmani* K. Andersen, Ann. Mag. Nat. Hist., ser. 8, 10 (59): 548. Type locality: Somalia: Upper Sheikh [4 300 ft (=1 311 m)]. Type specimen: BMNH 1910.3.27.4 (ad F; skin and skull; collector: dr. R.E. Drake-Brockman; collection date: 11 January 1910). Publication date: 1 November 1912.
1912. *Petalia damarensis media* K. Andersen, Ann. Mag. Nat. Hist., ser. 8, 10 (59): 548. Type locality: Ethiopia: Harer. Type specimen: BMNH 1912.2.28.1 (ad ?; skin and skull; collector: G. Kristensen, presented by Nathaniel Charles Rothschild; collection date: 19 January 1912). Publication date: 1 November 1912.
1912. *Petalia damarensis damarensis*: K. Andersen, Ann. Mag. nat. Hist., ser. 8, 10 (59): xxx. Name combination.
1912. *Petalia thebaica thebaica*: K. Andersen, Ann. Mag. nat. Hist., ser. 8, 10 (59): xxx. Name combination.
1918. *Nycteris thebaica thebaica* Wettstein, Denkschrift k. Akad. Wiss. Wien math. naturw. Kl., 94: xxx. Name combination.
1923. *Petalia (Nycteris) thebaica aurantiaca* de Beaux, Atti Soc. ital. Sci. nat., 62: 91. Type locality: Kenya: Northern Guaso Nyiro, Archer's Post. Type specimen (N 1432, F, alcoholic, skull collectors L. Franchetti and L. Tonker, collection date January 1920). Publication date: July 1923.
1933. *Nycteris damarensis damarensis*: G.M. Allen and Loveridge, Bull. Mus. comp. Zool., 75: xxx. Name combination.
1934. *Nycteris capensis capensis*: Shortridge, The mammals of South West Africa: xxx. Name combination.
1934. *Nycteris capensis damarensis*: Shortridge, The mammals of South West Africa: xxx. Name combination.
1934. *Nycteris thebaica adana*: de Beaux, Atti Soc. ital. Sci. nat., 73: xxx. Name combination.
1936. *Nycteris damarensis brockmani*: G.M. Allen and Lawrence, Bull. Mus. comp. Zool., 89: xxx. Name combination.
1936. *Nycteris thebaica revoilii*: G.M. Allen and Lawrence, Bull. Mus. comp. Zool., 89: xxx. Name combination.
1938. *Nycteris thebaica aurantiaca*: Frechkop, Exploration du parc national Albert. Fasc. 10: xxx. Name combination.
1939. *Nycteris damarensis media*: G.M. Allen, Bull. Mus. comp. Zool., 83: xxx. Name combination.
1944. *Nycteris thebaica albiventer*: Aharoni, Bull. Zool. Soc. Egypt, 6: 26. Name combination.
1956. *Nycteris thebaica brockmani*: Toschi, Atti Soc. ital. Sci. nat., 95: xxx. Name combination.
1971. *Nycteris thebaica labiata*: Hill and Morris, Bull. Br. Mus. nat. Hist. (Zool.): 21: xxx. Name combination.
1975. *Nycteris thebiaca* Koopman, Bull. Am. Mus. Nat. Hist., 154 (4): 379. Lapsus (actually Koopman uses this name consequently in this publication).
1999. *Nycteris thebaica labiata* Van Cakenberghe and De Vree, Bonn. zool. Beitr., 48 (2): 147. Lapsus.

Taxonomy:

Meester *et al.* (1986) state that the subspecies classification of *thebaica* is uncertain. Hayman and Hill (1971), while acknowledging that the species may include valid subspecies, do not attempt to recognize any. Kock (1969), however, lists seven subspecies, and Koopman (1975), while not providing a complete synonymy of the species, appears to come to broadly similar conclusions to Kock concerning those names that he does consider.

Common names:

Afrikaans: Gewone-spleetneusvlermuis, Egiptiese spleetneusvlermuis. Arabian: Khafash Teiba. English: Egyptian Slit-faced bat, Common Slit-faced Bat. French: Nyctère de la Thébaïde, Nyctère Egyptienne. German: Großrohrhohnase, Ägyptische Schlitznasen-Fledermaus. Italian: Nitteride di Tebe. Portuguese: Morcego orelhudo do Egípto. Spanish: Rinolofo egipcio.

Etymology of name:

So named because they were first described from tombs in Thebes, Egypt (see Taylor 2005).



Figure 94. *Nycteris thebaica*

Palaeontological / archaeological records:
N. thebaica was found in upper Pleistocene samples at Border Cave, South Africa (Avery 1991: 6).

Conservation status:
Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004cg).
Regional- South Africa- LC ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:
Central Arabia; Israel; Egypt to Morocco, Senegal, Guinea (Konstantinov *et al.*, 2000: 144), Benin, Ethiopia (Lavrenchenko *et al.*, 2004: 133), Somalia, Djibouti (Pearch *et al.*, 2001: 397), and Kenya, Uganda (Kityo and Kerbis, 1996: 60), thence over Malawi (Ansell and Dowsett, 1988: 31), Zambia, Zimbabwe, Botswana, Namibia, Angola (Cotterill, 2004: 261) south to South Africa, and Swaziland (Mondajem 2001, 2005 in open country; Zanzibar and Pemba. Corbet (1984: 8) states that the inclusion of Corfu (Greece) in the range could be the result of a vagrant specimen from N Africa (for details see Van Cakenbergh and De Vree 1999a).

Sexual dimorphism:
In Swaziland Mondajem (2001) found that females were heavier and had longer forearms than males.

Echolocation:
See Taylor (1999).

Molecular biology:
DNA - Unknown.
Karyotype - Both Peterson and Nagorsen (1975) and Rautenbach *et al.* (1993) reported $2n = 42$, $FN = 78$, $BA = 38$, with a submetacentric X chromosome, and a metacentric Y chromosome. = small M.
Protein / allozyme - Unknown.

Habitat:
This species has a wide distribution and is found in most habitats throughout its range.

Habits:
In Swaziland male *N. thebaica* exhibit less roost site fidelity than females, there is greater roost movement in males than females (Mondajem 2005).

Roost:
Roosting in caves, mine audits and various other hollow sites (Churchill *et al.*, 1997). Road culverts (Mondajem 1998; 2001; 2005). Under houses (LaVal and LaVal 1980; Seamark and Bogdanowic 2002).

Migration:
The species is not known to undergo migration (Mondajem 2006), and Laycock (1976) and Wingate (1983) suggest that *N. thebaica* does not have any homing ability. Mondajem (2005) states that bat numbers vary greatly with season, suggesting that some movement is taking place. Mondajem (2005) also reported that a banded female in Swaziland was discovered 107 km from where it was originally banded.

Food / diet:
Casual observations in Israel (Makin 1979), Sudan (McLellan 1986) and Namibia (Felten 1956) reported that scorpions formed a stable part of *N. thebaica* diet. Yerbury and Thomas (1895) examined cull-parts in Arabia, identifying various species of Orthoptera. While Chapman (1958) in Tanzania and Roer (1975) in Namibia found, as did LaVal and LaVal (1980) in South Africa, that Orthoptera, Lepidoptera, and Coleoptera were the primary prey orders consumed by *N. thebaica*. LaVal and LaVal (1980) presented results for early autumn (April), mid-winter (July), spring (November), and summer (January to March), listing a monthly breakdown of all prey orders consumed and finding that Orthoptera predominated in the study. While in Zimbabwe, Fenton (1975) combined the results of his wet season collection (November 1969 to March 1970), finding only Orthoptera and Lepidoptera wings. Fenton *et al.* (1977) and Fenton and Thomas (1980) examined the faeces of *N. thebaica* in Zimbabwe, and found that in the wet season (January and February 1976) Lepidoptera, Diptera and Coleoptera formed the bats' diet, while in the dry season (June 1977) he found only Lepidoptera (100 percent volume). In Zambia, Whitaker and Black (1976) examined the stomach contents, of 33 *N. thebaica* which they separated into summer (November to March) and winter (May to September) categories. They found similar prey orders in *N. thebaica* diet, but

also found many wingless insects.

Bowie *et al.* (1999) at Mkuzi Game Reserve, KwaZulu Natal, South Africa found that the diet consisted mainly of non-volant prey, primarily orthopterans and arachnids.

Feldman *et al.* (2000), in Israel, found they fed on Lepidoptera and Diptera.

Seamark and Bogdanowic (2002), showed that prey eaten by *N. thebaica* vary significantly by order but not by season, but there was a significant interaction between the prey category and season, suggesting that these two factors are not independent from each other. Coleoptera (49.6%) in the culled parts, (calculated as percent composition) dominated in spring (September-November), Orthoptera (38.8%) in summer (December-February), Hemiptera (42.8%) in autumn (March-May) and Lepidoptera (36.3%) in winter (June-August). The diet also included a frog and small fish.

Predators:

Unknown.

Population:

Structure - Monadjem (2001) mentions that sex ratio was highly skewed with adult females outnumbering adult males by 2.8:1, even though the sex ratio of juveniles was 1:1. Sex ratios of adults varied seasonally, being highly skewed in July/August, October and December.

Density - Unknown.

Lifespan:

Monadjem (2005) in Swaziland, found that for both males and females, survivorship was low in the first year, but increased thereafter. While 15% of females and 10% of males banded as juveniles in 1998 and 1999 survived to three years of age (Monadjem 2005). Monadjem (2006) reported the age of *N. thebaica* in Swaziland to reach at least 7 to 8 years of age.

Activity and behaviour:

Female *N. thebaica* in Swaziland appear to be resident year round in the culverts, which suggests that males join females in late summer for the purpose of mating (Monadjem 2001).

Lindeque (1987) describes the inflight behaviour of mating, where the active pursuit of the female by the male bat can be equated to courtship phase, with the butting phase inducing the female bat to hover and allowing the male to copulate, the brief frontal approach and head-neck biting by the male could be relict of some incomplete behaviour sequence.

Reproduction and ontogeny:

See Bernard (1982).

Mating:

Mating system is not known (Monadjem 2001).

Post-natal development:

Unknown.

Parasites:

Unknown.

Viruses:

In 1986 Foggin (1988) recovered the Duvenhage (DUVV) virus from a *Nycteris thebaica* in Zimbabwe (see Paweska *et al.* 2006).

Utilization:

None known.

Anthropophilous:

Unknown.

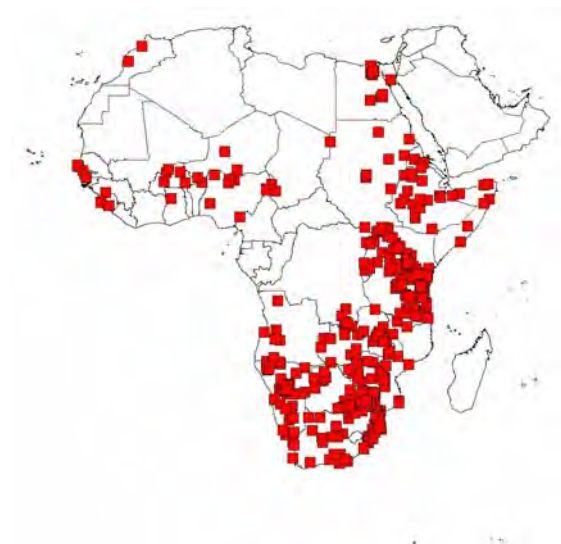


Figure 95. Distribution of *Nycteris thebaica*

Distribution based on voucher specimens:

"Africa", Angola, Benin, Botswana, Burkina Faso, Cameroon, Congo (Democratic Republic of the), Egypt, Ethiopia, Ghana, Guinea, Kenya, Malawi, Morocco, Mozambique, Namibia, Niger, Nigeria, Rwanda, Senegal, Sierra Leone, Somalia, South Africa, Sudan, Swaziland, Tanzania, Tanzania [=former Tanganyika], Uganda, Unknown Country, Unknown country, Zambia, Zimbabwe.

Nycteris vinsoni Dalquest, 1965

- *1965. *Nycteris vinsoni* Dalquest, J. Mamm., 46 (2): 254. Type locality: Mozambique: 212 km SSW Beira, S bank Save river, Zinave.

Taxonomy:

Bronner *et al.* (2003) state that it was originally described from Mozambique (Dalquest 1965). Kock (1969) considered *Nycteris vinsoni* a synonym of *N. macrotis luteola*, based on the size and position of the second lower premolar. Hayman and Hill (1971) suggest that *N. vinsoni* is a variant of *N. aethiopica*, itself considered a member of the *N. macrotis* group (Koopman 1965; Kock 1969). Koopman (1975) argued that the size and position of the second lower premolar is extremely variable, and instead recognised *vinsoni* as a distinct species closely related to *N. thebaica*, based on the presence of a pyriform tragus (and see Koopman in Honacki *et al.* 1982). He later concluded that the tragus of the holotype is actually semilunate and therefore synonymised *vinsoni* under *N. macrotis oriana* (Koopman 1992, 1993a). Swanepoel *et al.* (1980), Meester *et al.* (1986) and Corbet and Hill (1992) retained *vinsoni* as a distinct species, a treatment endorsed by limited morphometric comparisons (Van Cakenberghe and de Vree 1999a).

Included in *macrotis* by Kock (1969: 93), Van Cakenberghe and De Vree (1985), Koopman (1993a: 162), but considered a valid species by Meester *et al.* (1986: 36), and Simmons (2005).

Common names:

Afrikaans: Vinson se spleetneusvlermuis. English: Vinson's Slit-faced Bat, Mozambian Slit-faced Bat. French: Nyctère du Mozambique, Nyctère de Vinson.

Etymology of name:

In honour of J. Vinson, who sponsored an expedition to Mozambique during which the first specimens were collected (see Dalquest 1965; Taylor 2005).

Conservation status:

Global- CR assessed as *Nycteris macrotis* (Baillie and Groombridge 1996); LR/lc (Hilton-Taylor 2000); CR (IUCN 2000); DD ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004b).

General distribution:

Mozambique; known only from the type locality.

Nycteris woodi K. Andersen, 1914

- *1914. *Nycteris woodi* K. Andersen, Ann. Mag. Nat. Hist., ser. 8, 13 (78): 563. Type locality: Zambia: Chilanga [15° 33' S 28° 11' E, 4 100 ft (=1 250 m)]. Type specimen: BMNH 1914.4.22.2 (ad ?; skin and skull; Collector: Rodney C. Wood; Collection date: November 1913). Publication date: 1 June 1914.
1946. *Nycteris woodi sabiensis* Roberts, Ann. Transv. Mus., 20 (4): 304. Type locality: Zimbabwe: Melsetter district, Sabi River, Birchenough Bridge. Type specimen: TM 8578 (ad. F, skin and skull, collector: A.G. White, collection date: 11 January 1938)
1946. *Nycteris woodi woodi*: Roberts, Ann. Transv. Mus., 20 (4): 304. Name combination.

Taxonomy:

Van Cakenberghe and De Vree (1985) included *parisii* and *benuensis*, but see Simmons (2005).

Common names:

Afrikaans: Wood se spleetneusvlermuis, Wood-spleetneusvlermuis, Woodse Langoorvlermuis.
English: Wood's Slit-faced Bat, Wood's Long-eared Bat. French: Nyctère de Wood.

Etymology of name:

In honour of Rodney C. Wood, a well-known naturalist, who collected the original specimens at Chilanga, near Lusaka, Zambia (see Smithers 1983: 118, Taylor 2005).

Conservation status:

Global- LR/nt (Baillie and Groombridge 1996); NT ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004aw).

Regional- Indeterminate (Smithers 1986); NT ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

Zambia, Malawi (Ansell and Dowsett, 1988: 30), Zimbabwe (Cotterill, 2004: 261) and South Africa to SW Tanzania.

Echolocation:

See Taylor (1999).

Molecular biology:

DNA - Unknown.

Karyotype - Rautenbach *et al.* (1993) reported $2n = 42$, FN = 78, BA = 38, a metacentric X chromosome, and an acrocentric Y chromosome, for a specimen from South Africa.

Protein/ allozyme - Unknown.



Figure 96. Distribution of *Nycteris woodi*

Distribution based on voucher specimens:
Cameroon, Ethiopia, Malawi, Mozambique, South Africa, Tanzania, Zambia, Zimbabwe.

INFRAORDER VESPERTILIONIFORMACEI

- *? **VESPERTILIONIFORMACEI** The name of the Infraorder is based on *Vespertilio* Linnaeus, 1758 (type of VESPERTILIONIDAE Gray, 1821).
 ? *Yangochiroptera*

Superfamily MOLOSSOIDEA Simmons, 1998

- *1998. *Molossoidea* Simmons, Interfamilial relationships of bats.

Family MOLOSSIDAE Gervais, 1856

- *1856. *Molossidae* Gervais, Exped. Partes Cen. Am. Sud., Zool. (Sec. 7), Vol. 1, pt. 2 (Mammifères): 53 footnote. Type genus: *Molossus* E. Geoffroy St. Hillaire, 1805. Publication date: 23 July 1855.

Taxonomy:

Koopman (1993a: 232) mentioned Gervais, 1856, whereas Corbet and Hill (1992: 156) and Peterson *et al.* (1995: 142) mentioned Gill, 1872: 17 as author for this family.

Revised by Freeman (1981). For a very different arrangement see Legendre (1984).

Pavlinov *et al.* (1995: 90) recognise two subfamilies: Cheiromelinae and Tadaridinae.

Most recent authors (Hooper and Van Den Bussche, 2003: 2; Simmons, 2005) accept that the Molossidae consists of two subfamilies: Molossinae and Tomopeatinae. The latter subfamily used to be assigned to the Vespertilionidae, but Hooper and Van Den Bussche, 2003: 2) clearly indicate that this subfamily belongs to the Molossidae. Representatives of this subfamily only occur in South America, and are therefore not included here.

Common names:

Czech: tadaridovití. Dutch: Buldogvleermuis. English: Free-tailed Bats, Wrinkled-lipped Bats, Bulldog Bats, Mastiff Bats, Bonneted Bats, Wolf-dog Bats. Finnish: Doggilepakot. German: Bulldoggfledermäuse. Norwegian: Bulldoggflaggermus, foldeleppede flaggermus. Spanish: Murcielagos cola de raton o de cola libre.

Etymology of name:

The name of the family is derived from the Greek "*molossus*", a kind of dog used by Greek shepherds, in ancient times (see Taylor 2005).

Palaeontological / archaeological records:

Although the species have not been confirmed, remains of two different sized molossids have been found in the upper Pleistocene at Border Cave (Avery 1991: 6).

Subfamily Molossinae Gervais, 1856

- *1856. *Molossinae* Gervais, Exped. Partes Cen. Am. Sud., Zool. (Sec. 7), Vol. 1, pt. 2 (Mammifères): 53 footnote. Publication date: 23 July 1855.
 1984. *Cheiromelinae* Legendre, Rev. suisse Zool., 91 (2): 425. Pavlinov *et al.* (1995: 90) recognise this as a subfamily, but see Simmons (2005). Publication date: June 1984.
 1984. *Tadaridinae* Legendre, Rev. suisse Zool., 91 (2): 426. Publication date: June 1984.
 1995. *Tadaridinae* Pavlinov, Borissenko, Kruskop and Jahonton, Arch. Zool. Mus., Moscow State Univ., 133: 90. Pavlinov *et al.* (1995: 90) recognise this as a subfamily assigned to Legendre (1984). Probably a lapsus for Tadarinae.

Taxonomy:

Bronner *et al.* (2003) state that the genera *Mops* and *Chaerephon* have often been included as

subgenera of *Tadarida* (Ellerman *et al.* 1953; Hayman and Hill 1971; Swanepoel *et al.* 1980; Meester *et al.* 1986; Corbet and Hill 1992).

Roberts (1951) elevated these taxa to generic rank, an approach followed by Freeman (1981), Honacki *et al.* (1982), Koopman (1993) and Simmons (2005). In southern Africa, *Mops* is therefore represented by two species (*M. midas* and *M. condylurus*); *Chaerephon* by five (*C. bivittata*, *C. ansorgei*, *C. nigeriae*, *C. chapini* and *C. pumilus*); and *Tadarida* by four (*T. aegyptiaca*, *T. lobata*, *T. ventralis* and *T. fulminans*).

Common names:

English: Free-tailed Bats, Wrinkled-lipped Bats, Bulldog Bats, Mastiff Bats, Bonneted Bats, Wolf-dog Bats.

Genus *Chaerephon* Dobson, 1874

1818. *Nyctinomus* E. Geoffroy Saint-Hilaire, *Descrip. de l'Egypte*, 2: 114, pl. 2. Type species: *Nyctinomus aegyptiacus* E. Geoffroy St. Hillaire, 1818. Publication date: 1818.
- *1874. *Nyctinomus (Chaerephon)* Dobson, *J. Asiatic Soc. Bengal*, 43 (2): 144. Type species: *Molossus (Nyctinomus) johorensis* Dobson, 1873. Publication date: 17 October 1874.
1907. *Chaerephon*: Andersen, Name combination.
1917. *Chærephon (Lophomops)* J.A. Allen, *Bull. Am. Mus. Nat. Hist.*, 37: 460, text-fig. 9-11. Type species: *Chærephon (Lophomops) chapini* J.A. Allen, 1917. Publication date: 29 September 1917.
1951. *Tadarida (Chaerephon)*: Ellerman and Morrison-Scott, Name combination.
- ? *Chaerophon*: Lapsus.

Taxonomy:

Formerly included in *Tadarida*; see Freeman (1981: 60, 133, 150); see also Legendre (1984). Harrison and Bates (1991: 62) and Ansell and Dowsett (1988: 45), Corbet and Hill (1992: 157), Grubb *et al.* (1998: 93) and Horáček *et al.* (2000: 137) include *Chaerephon* in *Tadarida*. A key is provided by Bouchard (1998: 1, *Mammalian Species*, 574).

Nyctinomus is considered a valid genus by McFarland (1998: 34), but included in *Tadarida* by Koopman (1993a: 240), Grubb *et al.* (1998: 93), or included in *Chaerephon* by Simmons (2005), or in *Mormopterus* by Jacobs & Fenton (2002, *Mammalian Species*, 703: 1). Grubb *et al.* (1998: 93) also indicate that Mahoney and Walton (1980: 148-149) considered that *Nyctinomus* was dated from 1813 and was therefore the prior name for the genus *Tadarida* Rafinesque, 1814. Their case is unconvincing, and Grubb *et al.* (1998) do not think it desirable to change the long established usage of *Tadarida*. However, since *Chaerephon* Dobson, 1874 is clearly more recent it might be that *Nyctinomus* should be used instead of *Chaerephon*.

Common names:

English: Wrinkle-lipped Bats, Lesser Free-tailed Bats, Lesser Mastiff Bats.

Etymology of name:

From the Greek "*chaerephon*" meaning joyful-sounding. Flannery (1990: 370; 1995: 404) refers to it as "a proper name, significance unknown". Dobson (1874) in Bouchard (1998: 4) indicates that it refers to the friend of Socrates who is depicted as "Chaerephon the bat" in Arestophanes' comedy, *Aves*.

Remarks:

IUCN (2004)- assessed *C. shortridgei* as NT ver 3.1 (2001).

Chaerephon aloysiisabaudiae (Festa, 1907)

- *1907. *Nyctinomus aloysii-sabaudiae* Festa, Bol. Mus. Zool. Anat. Comp. Univ. Torino, 22 (546): 1. Type locality: Uganda: East of Ruwenzori, Toro district (Allen (1939a: 107) mentioned it a "Ruwenzoni". Grubb *et al.* (1998: 84) mention "East of Ruwenzori, Toro district"). Publication date: 21 January 1907.
1922. *Chaerephon angolensis sabaudiae* de Beaux, Ann. Mus. civ. Stor. nat. Genova, ser. 3, (O.S. 49) 9: 371. Publication date: 28 August 1922. Lapsus.
1966. *Tadarida (Chaerephon) cyclotis* Brosset, Biol. gabon., 2 (1): 80. Type locality: Gabon: Bélinga [01 13 N 13 10 E].
- ? *Chaerephon aloysiisabaudiae*: Current spelling.

Taxonomy:

See Simmons (2005).

Common names:

English: Duke of Abruzzi's Wrinkle-lipped Bat, Abruzzi's Wrinkle-lipped Bat, Duke of Abruzzi's free-tailed bat. French: Molosse du Duc des Abruzzes.

Conservation status:

Global- LR/lc (Billie and Groombridge 1996); NT ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.* 2004y).

General distribution:

Ghana, Côte d'Ivoire (1st record: Beaucournu and Fahr, 2003: 175), Gabon, Democratic Republic of the Congo, Uganda, perhaps Ethiopia.

Distribution based on voucher specimens:
Uganda.



Figure 97. Distribution of *Chaerephon aloysiisabaudiae*

Chaerephon ansorgei (Thomas, 1913)

- *1913. *Nyctinomus ansorgei* Thomas, Ann. Mag. Nat. Hist., ser. 8, 11 (63): 318. Type locality: Angola: Malange [=Malanje] [1 150 m]. Type specimen: BMNH 1910.4.8.4 (Holotype, ad M, collector: Dr. W.J. Ansorge, collection date: 17 February 1909, original number 5). Publication date: 1 March 1913.
1946. *Nyctinomus rhodesiae* Roberts, Ann. Transv. Mus., 20: 307. Type locality: Zimbabwe: NE Zimbabwe, Bindura District, Masembura Native Reserve, Chikupo caves. Type specimen: TM 9977 (ad M, skin and skull, collector: H.B. Mastson collection date: 10 July 1945).
- ? *Chaerephon ansorgei*: Name combination.

Taxonomy:

Distinct from *bivittata*; see Eger and Peterson (1979: 1889), who revised it.

submetacentric X chromosome.

Protein / allozyme - Unknown.

Common names:

Afrikaans: Ansorge se losstertvlermuis, Ansorge-losstertvlermuis. English: Ansorge's Wrinkle-lipped Bat, Ansorge's Free-tailed Bat. French: Molosse d'Afrique du Sud, Molosse d'Ansorge. Portuguese: Morcego de cauda livre de Ansorge.

Distribution based on voucher specimens:

Angola, Cameroon, Congo (Democratic Republic of the), Nigeria, Rwanda, South Africa, Zimbabwe.

Etymology of name:

In honour of Dr. W.J. Ansorge, a collector of zoological specimens, who collected the type specimen of this species in Malange, northern Angola (Taylor 2005).

Conservation status:

Global- LR/lc (Billie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.* 2004t).

Regional assessment- South Africa- Indeterminate (Smithers 1986); LC ver 3.1 (2001) (Friedmann and Daly 2004).



General distribution:

Cameroon to Uganda (Kityo and Kerbis, 1996: 63), Ethiopia, south to Angola, Namibia (?), Zambia, Zimbabwe (Cotterill, 2004: 261) and KwaZulu-Natal (South Africa).

Figure 98. Distribution of *Chaerephon ansorgei*

Echolocation:

See Taylor (1999).

Long duration (15 ms), multi-harmonic (up to two), narrow bandwidth (16-28 kHz) shallow-FM calls, with low dominant frequency of 18 kHz (Taylor 2000: 67).

Molecular biology:

DNA - Unknown.

Karyotype - Smith *et al.* (1986) and Rautenbach *et al.* (1993) agreed on $2n = 48$, and the Y chromosome being acrocentric. However, Smith *et al.* (1986) reported FN = 66, BA = 20, and a subtelocentric X chromosome, whereas Rautenbach *et al.*, (1993) reported for specimens from South African, FN = 68, BA = 22, and a

Chaerephon bemmeleni (Jentink, 1879)

- *1879. *Nyctinomus bemmeleni* Jentink, Notes Leyden Mus., 1: 125. Type locality: "Liberia": but see Kuhn (1965: 327), who doubts this, since the type specimen had come from a zoo. Publication date: April 1879.
1897. *Nyctinomus vemmeleni* Trouessart, Cat. Mamm. Viv. Foss., ed. 1, pt. 1: 146. Publication date: 1897. Lapsus.
1903. *Nyctinomus cisturus* Thomas, Ann. Mag. Nat. Hist., ser. 7, 12 (71): 502. Type locality: Sudan: Kordofan, 25 mi (37.5 km) N Gondokoro, Mangala (=Mongalla, Equatoria province). Type specimen: BMNH 1902.7.4.4 (Holotype, ad M, collected and presented by W.L.S. Load, Esq., original number 2805). Publication date: 1 November 1903.
- ? *Chaerephon bemmeleni*: Name combination.

Taxonomy:
Includes *cisturus*; see Koopman (1975: 425).

Global- LR/lc (Billie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.* 2004v).

Common names:

English: Gland-tailed Wrinkle-lipped Bat, Van Bemmelen's Wrinkle-lipped Bat, Gland-tailed free-tailed bat. French: Molosse à glandes caudales.

General distribution:

Liberia, Cameroon, Sudan, Democratic Republic of the Congo, Uganda, Kenya, Tanzania.

Conservation status:

Distribution based on voucher specimens:
Sudan.

Chaerephon bivittatus (Heuglin, 1861)

- *1861. *Nyctinomus bivittatus* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 29 (8): 4, 13. Type locality: Eritrea: Kérén [c 15 45 N 38 20 E]. Publication date: 1861.
- ? *Chaerephon bivittatus*: Name combination.

Taxonomy:
Revised by Eger and Peterson (1979).

reported $2n = 48$, FN = 54, BA = 8, a metacentric X chromosome, and an acrocentric Y chromosome for specimens from Kenya and Zimbabwe.

Common names:

Afrikaans: Gevlekte losstertvlermuis. English: Spotted Wrinkle-lipped Bat, Spotted Free-tailed Bat, Spotted gland-tailed bat. French: Molosse tacheté. Portuguese: Morcego de cauda livre malhado.

Protein / allozyme - Unknown.

Etymology of name:

So named because of the tiny white, and sometimes barely discernible, flecks on the upper parts of the body (see Taylor 2005).

Conservation status:

Global- LR/lc (Billie and Groombridge 1996); LC ver 3.1 (2001) assessed as *C. bivittata* (IUCN 2004; Mickleburgh *et al.* 2004ad).

General distribution:

Sudan, Ethiopia (?), Eritrea, Uganda, Kenya, Tanzania, Zambia, Zimbabwe, Mozambique (Simmons, 2005).

Molecular biology:

DNA - Unknown.
Karyotype - Peterson and Nagorsen (1975)

Distribution based on voucher specimens:
Ethiopia, Tanzania.



Figure 99. Distribution of *Chaerephon bivittatus*

Chaerephon chapini J.A. Allen, 1917

- *1917. *Chærephon (Lophomops) chapini* J.A. Allen, Bull. Am. Mus. Nat. Hist., 37 (18): 460, 461, text-fig. 9. Type locality: Democratic Republic of the Congo: Oriental, Faradje. Type specimen: AMNH 48841 (ad M, skin and skull, collector: Herbert Lang and James P. Chapin (American Museum Congo Expedition), collection date: 11 November 1912, original number 1971). Publication date: 29 September 1917.
1926. *Chaerephon (Lophomops) shortridgei* Thomas, Proc. zool. Soc. Lond., 1926, I: 289. Type locality: Namibia: NW Ovamboland, Ukualukasi, 32 miles NW of Rehobooth Mission Station [3 400 ft (=1 036 m)]. Type specimen: BMNH 1925.12.4.24 (skin and skull, collector: Captain G.C. Shortridge, original number: 1389) Publication date: 29 April 1926. Considered a valid species by Peterson *et al.* (1995: 159), Goodman and Cardiff (2004: 236).
1938. *Chaerephon lancasteri* Hayman, Ann. Mag. nat. Hist., ser. 11, 1 (4): 383. Type locality: Zimbabwe: NE Rhodesia, Loangwa Valley, Lundazi district, Lunzi River (Kock (1969: 140) situates this locality in Zambia). Type specimen: BMNH 1937.12.8.25 (ad M, skin and skull, collector D. Gordon Lancaster, collection date: August 1936, original number: 724, notes: caught in hole in tree). Publication date: 1 April 1938.
- ? *Chaerephon chapini*: Current spelling.

Taxonomy:

Included in *pumilus* by Kock (1969: 139). See Fenton and Eger (2002).

Common names:

Afrikaans: Bleek losstertvlermuis. English: Long-crested Free-tailed Bat, Chapin's Wrinkle-lipped Bat, Long-crested Wrinkle-lipped Bat, Crested Wrinkle-lipped bat, Chapin's free-tailed bat, Pale Free-tailed Bat, Long-crested gland-tailed bat, crested free-tail bat. French: Molosse à crinière, Molosse pâle.

Etymology of name:

Named after Mr. James P. Chapin, co-organiser of the American Museum expedition to the former Belgian Congo that resulted in the discovery of the species (Taylor 2005).

Palaeontological / archaeological records:

No fossils are known (Fenton and Eger 2002).

Conservation status:

Global- LR/nt (Billie and Groombridge 1996); DD ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.* 2004o). *Chaerephon shortridgei* recognised and assessed as NT ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.* 2004s)

General distribution:

Ethiopia, Sudan (Fenton and Eger, 2002: 2), Democratic Republic of the Congo (Fenton and Eger, 2002: 2), Uganda, Kenya (Fenton and Eger, 2002: 2), Republic of the Congo, Angola, Namibia, Botswana, Zimbabwe, Zambia.

Geographic variation:

Unknown.

General description of external morphology:

See Fenton and Eger (2002).

General description of cranial and dental morphology:

See Fenton and Eger (2002).

Detailed morphology:

For a description of the crania, teeth, ears and tragus see Fenton and Eger (2002).

Functional morphology:

Unknown.

Sexual dimorphism:

Sexual dimorphism in the structure of interaural crest, with females having a small crest (3-5 mm) and males a long, bicolored one (12-15 mm) (Fenton and Eger 2002).

Echolocation:

See Taylor (1999).

Molecular biology:

DNA - Unknown.

Karyotypic - Rautenbach *et al.* (1993) reported $2n = 48$, FN = 64, BA = 18, a subtelocentric X chromosome, and an acrocentric Y chromosome, for specimens from Namibia and Zimbabwe.

Protein / allozyme - Unknown.

Habitat:

See Fenton and Eger (2002).

Habits:

See Fenton and Eger (2002).

Roost:

See Fenton and Eger (2002).

Migration:
Unknown.

Diet:
Unknown.

Predators:
Unknown.

Population:
Structure and density - Unknown.

Life-span:
Unknown.

Activity and behaviour:
See Fenton and Eger (2002).

Reproduction and ontogeny:
See Fenton and Eger (2002).

Mating:
Unknown.

Post-natal development:
Unknown.

Parasites:
Unknown.

Viruses:
Unknown.

Utilization:
Unknown.

Anthropophilous:
Unknown.



Figure 100. Distribution of *Chaerephon chapini*

Distribution based on voucher specimens:
Congo (Democratic Republic of the), Namibia,
Zimbabwe.

Chaerephon gallagheri (Harrison, 1975)

- *1975. *Tadarida (Chaerephon) gallagheri* Harrison, Mammalia, 39 (2): 313. Type locality: Democratic Republic of the Congo: Kivu, 30 km SW Kindu, Scierie Forest [03 10 S 25 46 E]. Type specimen: BMNH (ex HZM 1.7797, ad M, collector Major M.D. Gallagher, 14 November 1974).

? *Chaerephon gallagheri*: Name combination.

Taxonomy:

See Simmons (2005).

Common names:

English: Gallagher's Wrinkle-lipped Bat,
Gallagher's free-tailed bat, Zaïre gland-tailed bat.

French: Molosse du Zaïre.

Etymology of name:

In honour of Major M.D. Gallagher, the collector of the type specimen.

Conservation status:

Global- CE (Billie and Groombridge 1996); CR: B1+2c (Mickleburgh *et al.*, 2002: 22); CR D ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.* 2004q).

General distribution:

Democratic Republic of the Congo.

Distribution based on voucher specimens:

[Congo \(Democratic Republic of the\)](#).



Figure 101. Distribution of *Chaerephon gallagheri*

Chaerephon jobimena Goodman and Cardiff, 2004

- *2004. *Chaerephon jobimena* Goodman and Cardiff, Acta Chiropt., 6(2): 230, fig 2, 3, 4. Type locality: Madagascar: Antsiranana province, Ankarana special reserve, 2.6 km E Andrafiabe, in forest near Andrafiaba cave [12 55.9 S 49 03.4 E, c 50 m]. Type specimen: FMNH 169716 (ad M, skin and skull, collector Steven M. Goodman, collection date 23 January 2001, original number SMG 11932; see Goodman and Cardiff (2004: 230)

Etymology of name:

From the northern dialects of Malagasy, with "joby" meaning dark or black and "mena" red. The combination refers to the two color morphs of this species (see Goodman and Cardiff, 2004: 230).

General distribution:

Madagascar.

Chaerephon leucogaster (A. Grandidier, 1869)

- *1869. *Nyctinomus leucogaster* A. Grandidier, Rev. Mag. Zool., ser. 2, 21: 337. Type locality: Madagascar: Mahab (?Mahabo) and Ménabé (E of Morondava). Publication date: September 1869.
1908. *Chaerephon pumila websteri* Dollman, Ann. Mag. nat. Hist., ser. 8, 2 (10): 546. Type locality: Nigeria: N Nigeria, Yola. Type specimen: BMNH 1908.10.6.8 (F, skin and skull, collector: G.W. Webster collection date: 27 July 1908 original number: 11) Publication date: 1 December 1908.
1908. *Chaerephon websteri*: Dollman, Name combination.
1917. *Chærephon (Lophomops) cristatus* J.A. Allen, Bull. Am. Mus. Nat. Hist., 37 (18): 463, text-fig. 10 A, B. Type locality: Democratic Republic of the Congo: Bas Zaire, near mouth of Zaire River, Boma. Type specimen: AMNH 48844 (ad M, skin and skull, collector: Herbert Lang and James P. Chapin (American Museum Congo Expedition), collection date: 26 January 1915, original number 2628). Publication date: 29 September 1917.
1917. *Chærephon frater* J.A. Allen, Bull. Am. Mus. Nat. Hist., 37 (18): 456. Type locality: Democratic Republic of the Congo: Bas Zaire, near Boma, Malela. Type specimen: AMNH 49275 (ad F, alcoholic, collector: Herbert Lang and James P. Chapin (American Museum Congo Expedition), collection date: 8 July 1915, original number 2613). Publication date: 29 September 1917.
1928. *Chaerophon (Lophomops) nigri* Hatt, Bull. Soc. Zool. Fr., 53: 374, text-fig. B. Type locality: Mali: Timbuctu district, on Niger River, Bourem. Type specimen: MNHN 736a (ad M, alcoholic, collector: Th. Monod, collection date :6 January 1928). Publication date: 10 December 1928.
- ? *Chaerephon leucogaster*: Name combination.

Taxonomy:

Included in *pumilus* by Koopman (1993a: 233), Bouchard (1998: 1).

Considered a valid species in the genus *Tadarida* (C.) by Peterson *et al.* (1995: 152) and Russ *et al.* (2001). Considered a valid species in the genus *Chaerephon* by Hutson *et al.* (2001: 33), Goodman and Cardiff (2004: 227), Lavrenchenko *et al.* (2004: 141), and Simmons (2005).

Russ *et al.* (2001) distinguish it from *C. pumilus* on smaller size and different echolocation calls.

Common names:

English: Grandidier's Free-tailed Bat,
Madagascan white-bellied Free-tailed Bat.
French: Tadaride de Madagascar à ventre blanc.

Etymology of name:

From the Greek "*leugos*" and "*gaster*" meaning white-bellied (see Kozhurina, 2002: 16).

Conservation status:

Global- DD ver 2.3 (1994).

General distribution:

Ethiopia to Ghana, Nigeria, Congo (Democratic Republic of the Congo?), Mali, Madagascar (Russ *et al.*, 2001).



Figure 102. Distribution of *Chaerephon leucogaster*

Distribution based on voucher specimens:

Congo (Democratic Republic of the), Nigeria.

Chaerephon major (Trouessart, 1897)

- *1897. *Nyctinomus pumilus var. major* Trouessart, Cat. Mamm. Viv. Foss., ed. 1, pt. 1: 146. Type locality: Sudan: N Sudan, 5th Cataract of the Nile (Kock (1969: 148) mentions "Nilus super = 5. Nil-Katarakt, nördlich Berber, Sudan". He also states that De Winton (1901: 40) changed the type locality in "erster Kakarakt der Nil"). Type specimen: BMNH 1849.2.8.36 (collected by F. Galton Esq.) Publication date: 1897.
1901. *Nyctinomus emini* de Winton, Ann. Mag. Nat. Hist., ser. 7, 7 (37): 40. Type locality: Tanzania: "Mosambiro", but actually Usambiro. Type specimen: BMNH 1890.6.8.15 (M, skin and skull, collection date 9 September 1889 notes: Triden tur sea frequent amongst the roc. local name- Katunke'.) Publication date: 1 January 1901.
1917. *Chærephon (Lophomops) abæ* J.A. Allen, Bull. Am. Mus. Nat. Hist., 37 (18): 464, text-fig., 11. Type locality: Democratic Republic of the Congo: NE Congo, Aba. Type specimen: AMNH 48887 (ad F, skin and skull, collector: Herbert Lang and James P. Chapin (American Museum Congo Expedition), collection date: 17 December 1911, original number 1823). Publication date: 29 September 1917.
1967. *Tadarida (Chaerephon) pumila*: Happold, Sudan Notes & Records, 48: 122. Pre-occupied by *pumilus* Cretzschmar, 1830 (see Simmons, 2005). Attribution to *major* seems strange.
- ? *Chaerephon major*: Name combination.

Taxonomy:

See Simmons (2005).

Common names:

English: Large Wrinkle-lipped Bat, Lappet-eared Wrinkle-lipped Bat, Lappet-eared free-tailed bat, Giant gland-tailed bat. French: Grand Molosse à glandes caudales.

Etymology of name:

From the Latin "*maior*" (see Kozhurina, 2002: 16).

Conservation status:

Global- LR/lc (Billie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.* 2004u).

General distribution:

Liberia, Mali, Burkina Faso, Ghana, Togo, Nigeria, Niger, Benin (Capo-Chichi *et al.*, 2004: 163), Sudan, NE Democratic Republic of the Congo, Uganda (Kityo and Kerbis, 1996: 63), Tanzania.



Figure 103. Distribution of *Chaerephon major*

Distribution based on voucher specimens:
Congo (Democratic Republic of the), Nigeria,
Tanzania.

Chaerephon nigeriae Thomas, 1913

- *1913. *Chærephon nigeriae* Thomas, Ann. Mag. nat. Hist., ser. 8, 11 (63): 319. Type locality: Nigeria: Northern Region, Zaria Province. Type specimen: BMNH 1911.3.22.1 (ad F, collected and presented by A.C. Francis, Esq.). Publication date: 1 March 1913.

Taxonomy:

See Willis *et al.* (2002, Mammalian Species, 710).

Common names:

Afrikaans: Nigeriese Iosstertvlermuis. English: Nigerian Free-tailed bat, Nigerian Wrinkle-lipped Bat. French: Molosse du Nigéria.

Etymology of name:

The species was originally described from a specimen from Nigeria (see Taylor 2005).

Conservation status:

Global- LR/lc (Billie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.* 2004n).

Regional assessment- South Africa- considered a vagrant not assessed, not recorded in SA (Friedmann and Daly 2004).

General distribution:

Guinea, Sierra Leone, Ghana, Côte d'Ivoire (1st record: Beaucournu and Fahr, 2003: 157), but see Al-Jumaily, 2003), and Niger to Saudi Arabia (record by Nader and Kock, 1979), Yemen and Ethiopia, south to Malawi (1st record: Happold and Happold, 1997: 823), Namibia, Botswana, Zambia (Cotterill, 2004: 261) and Zimbabwe.

1st Yemen record: see Al-Jumaily (2003: 55), who also maps specimens from: Guinea, Sierra Leone, Mali, Côte d'Ivoire, Ghana, Togo, Niger, Nigeria, Chad, Central African Republic, Congo (Zaire), Uganda, Ethiopia, Tanzania, Malawi, Zambia, Zimbabwe, Angola, Namibia, Botswana.

Echolocation:

See Taylor (1999).

Molecular biology:

DNA - Unknown.

Karyotype - Rautenbach *et al.* (1993) reported $2n = 48$, FN = 62, BA = 16, a submetacentric X chromosome, and an acrocentric Y chromosome, for specimens from Namibia and Zimbabwe



Figure 104. Distribution of *Chaerephon nigeriae*

Distribution based on voucher specimens: Cameroon, Namibia, Nigeria, South Africa, Zambia, Zimbabwe.

Chaerephon nigeriae nigeriae Thomas, 1913

- *1913. *Chærephon nigeriae* Thomas, Ann. Mag. Nat. Hist., ser. 8, 11 (63): 319. Type locality: Nigeria: Northern Region, Zaria Province. Type specimen: BMNH 1911.3.22.1 (Holotype, ad F, collected and presented by A.C. Francis, Esq.). Publication date: 1 March 1913.
- ? *Chaerephon nigeriae nigeriae*: Name combination.

General distribution: Sub-Saharan Africa to NE Zaire: see Horáček *et al.* (2000: 137). E Côte d'Ivoire, Ghana, Benin, Cameroon, Central African Republic to NE Togo, Nigeria, Cameroon, Central African Democratic Republic of the Congo; Niger; Chad; Ethiopia; Saudi Arabia (Harrison and Bates, 1991: 64). Willis *et al.* (2002: 2).

Chaerephon nigeriae spillmanni (Monard, 1933)

- *1933. *Nyctinomus spillmanni* Monard, Bull. Soc. Neuchâteloise Sci. Nat., Neuchâtel, 57: 51. Type locality: Angola: South-Central Angola, Vila da Ponte. Publication date: 1933.
1993. *spillmanni* Koopman, Chiroptera, in Mammal Species of the World: 223. Lapsus.
- ? *Chaerephon nigeriae spillmanni*: Name combination.

General distribution: 2002: 2), Zambia (Willis *et al.*, 2002: 2), S Southern Africa (Angola (Horáček *et al.*, 2000: 137), Namibia (Willis *et al.*, 2002: 2), Botswana (Willis *et al.*, (2002: 2), Zimbabwe (Willis *et al.*, 2002: 2), Tanzania (Horáček *et al.*, 2000: 137).

Chaerephon pumilus (Cretzschmar, 1826)

- *1826. *Dysopes pumilus* Cretzschmar, in Rüppell, Atlas Reise Nördl. Afr., Zool. Säugeth., 1: 69, pl. 27a. Type locality: Eritrea: Massawa. Type specimen: SMF 4311 (Lectotype; ad M, mounted skin, skull not removed; coll. E. Rüppell, 1825; old catalog II.K.3.a: see Mertens, 1925: 20).
1838. *Nyctinomus pusilus* Lesson, Compléments de Buffon, ed. 2, Paris, 1: 328. Publication date: 1838.
1852. *Dysopes dubius* Peters, Naturw. Reise Mossamb., Säugethiere, p. 60, pl. 15, fig. 2. Type locality: Mozambique: South bank of Zambezi River, Sena. - Publication date: 1852. Pre-occupied by *dubius* A. Smith, 1833 (see Simmons, 2005). Allen (1939a: 111) also mentioned *Nyctinomus dubius* A. Smith, 1833 as a separate species.
1852. *Dysopes limbatus* Peters, Naturw. Reise Mossamb., Säugethiere, p. 56, pl. 14. Type locality: Mozambique: Mozambique Island [15 S 40 42 E] (Roberts (1951: 98) mentioned "Mozambique Island and Sena"). Type specimen: BMNH 1907.1.1.704 (Syntype). Publication date: 1852. Possibly valid as a subspecies. Considered a valid species by Peterson *et al.* (1995: 159).
1901. *Nyctinomus gambianus* de Winton, Ann. Mag. Nat. Hist., ser. 7, 7 (37): 39. Type locality: Gambia: no specific locality. Type specimen: BMNH 1889.10.7.3. Publication date: 1 January 1901.
1902. *Nyctinomus pusillus*: Miller, Lapsus?
1904. *Nyctinomus hindei* Thomas, Ann. Mag. Nat. Hist., ser. 7, 13 (75): 210. Type locality: Kenya: Fort Hall [4 000 ft (=1 219 m)]. Type specimen: BMNH 1903.3.2.4 (Holotype, ad M, collected and presented by Mrs. Hildegard Hinde, collection date: 1 January 1903, original number 134). Publication date: 1 March 1904. Possibly valid as a subspecies. Considered a valid species by Peterson *et al.* (1995: 159).
1916. *Chaerephon pumilus naivashæ* Hollister, Smithson. Misc. Coll., 66 (1) (2406): 4. Type locality: Kenya: Naivasha Station. Type specimen: USNM 166658 (ad M, alcoholic and skull, collector J. Alden Loring, collection date: 7 August 1909, original number 6955). Publication date: 10 February 1916. Considered a valid species by Peterson *et al.*

- (1995: 157).
1926. *Chaerophon pumilus elphicki* Roberts, Ann. Transv. Mus., 11: 245. Type locality: Republic of South Africa: SE Transvaal, Barberton District, Malelane Estate [2529S 3131E]. Type specimen: TM 2488 (ad M, skin and skull, collected by Austin Roberts, collection date: 30 March 1920) Publication date: 14 September 1926.
1932. *Chaerephon (Lophomops) langi* Roberts, Ann. Transv. Mus., 15 (1): 17. Type locality: Botswana: N Botswana, Ngamiland, Tsotsoroga Pan [18 44 S 24 21 E]. Type specimen: TM 6554 (ad M, skin and skull, collected during the Vernay-Lang Kalahari Expedition 1930, collection date: 29 June 1930, original number: 870). Publication date: 1 October 1932. Possibly valid as a subspecies.
1951. *Tadarida (Chaerephon) faini* Hayman, Rev. Zool. Bot. afr., 45 (1-2): 82. Type locality: Democratic Republic of the Congo: Haut Zaire, Oriental Province, between Blukwa and Lake Albert, Wago Forest. Type specimen: RMCA 20509 (M, skin and skull, collector Fain, collection date 1 June 1951). Possibly valid as a subspecies.
- ? *Chaerephon pumilus elphicki*: Name combination.
- ? *Chaerephon pumilus*: Name combination.
- ? *Tadarida (Chaerephon) pumila*: Name combination.
- ? *Tadarida pumila*: Name combination.

Taxonomy:

See Bouchard (1998, Mammalian Species, 574). Includes *pusillus*; see Hayman and Hill (1971: 64). The description date is sometimes mentioned as "1830 or 1831" (see Happold and Happold, 1997: 823). Peterson *et al.* (1995: 162) consider *pumilus* not to include most of the forms occurring on Madagascar. Horáček *et al.* (2000: 136) include *pumilus* in the genus *Tadarida*, subgenus *Chaerephon*. Taylor (1999), Aspetsberger *et al.* (2003: 250; 252) indicate that cryptic species might exist within the genus *Chaerephon* (more specifically in *pumilus*), but find it premature identify them already. Jacobs *et al.* (2004: 17) identified five haplotypes, but indicate they represent only one species.



Figure 105. *Chaerephon pumilus*

Common names:

Afrikaans: Klein losstertvlermuis. English: Little Free-tailed Bat, Lesser Free-tailed Bat, Little Wrinkle-lipped Bat. French: Petit molosse à glandes caudales. Portuguese: Morcego pequeno de cauda livre.

Etymology of name:

From the Latin "*pumilus*" meaning dwarf, because it is the smallest of the molossids occurring in the (southern African sub)region (see Taylor 2005).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) assessed as *Chaerephon pumila* (IUCN 2004; Mickleburgh *et al.* 2004p). Regional- South Africa- LC ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

Senegal, Gambia (Emms and Barnett, 2005: 50), over Mali (Meinig, 2000: 105), Benin (Capo-Chichi *et al.*, 2004: 164), Republic of the Congo (Dowsett *et al.*, 1991: 259), Uganda (Kityo and Kerbis, 1996: 62) to Ethiopia (Lavrenchenko *et al.*, 2004: 132), Yemen, south to South Africa (incl. Malawi (Ansell and Dowsett, 1988: 46), Botswana, Namibia, Zambia, Zimbabwe (Cotterill, 2004: 261)); Bioko; São Tomé (Juste and Ibáñez, 1993: 906); Pemba and Zanzibar; Comoro Isls Aldabra and Amirante Isls (Seychelles); E Madagascar Russ *et al.*, 2001).

Records from Western Cape Province are rejected by Jacobs and Fenton (2001: 134), since these represent *Sauromys petrophilus*.

Echolocation:

See Aspetsberger *et al.*, (2003), Fenton *et al.*, (2004), Taylor (1999) and Taylor *et al.*, (2005).

Molecular biology:

DNA - Unknown.

Karyotype - Dulic and Mutere (1973a), Smith *et al.* (1986) and Rautenbach *et al.* (1993) all reported $2n = 48$, and an acrocentric Y chromosome. However, while Dulic and Mutere

(1973a) and Smith *et al.* (1986) reported FN = 58, BA = 12, Rautenbach *et al.* (1993) reported FN = 66, BA = 20. And, while Dulic and Mutere (1973a) and Rautenbach *et al.* (1993) reported a metacentric X chromosome, Smith *et al.* (1986) reported a submetacentric X chromosome. The work of Rautenbach *et al.* (1993) included specimens from the Western Cape that have subsequently been reidentified as *Sauromys petrophilus* (Jacobs and Fenton, 2001: 134), hence these karyotypic variations should be viewed with caution.

Protein / allozyme - Unknown.

Distribution based on voucher specimens: "Africa", Botswana, Cameroon, Comoro Islands, Congo (Democratic Republic of the), Equatorial Guinea, Eritrea, Ethiopia, Kenya, Madagascar, Malawi, Mozambique, Senegal, South Africa, Swaziland, Tanzania, The Gambia, Zimbabwe.



Figure 106. Distribution of *Chaerephon pumilus*

Chaerephon russatus J.A. Allen, 1917

*1917. *Chærephon russatus* J.A. Allen, Bull. Am. Mus. Nat. Hist., 37 (18): 458, text fig. 25. Type locality: Democratic Republic of the Congo: Oriental, Medje. Type specimen: AMNH 48925 (ad M, skin and skull, collector: Herbert Lang and James P. Chapin (American Museum Congo Expedition), collection date 8 September 1910). Publication date: 29 September 1917.

? *Chaerephon russatus*: Current spelling.
 ? *Tadarida russata*: Name combination.

Taxonomy:

See Simmons (2005).

Common names:

English: Russet Wrinkle-lipped bat, Russet free-tailed bat. French: Tadaride de Russet.

Conservation status:

Global- LR/lc (Billie and Groombridge 1996); NT ver 3.1 (2001) assessed as *C. russata* (IUCN 2004; Mickleburgh *et al.* 2004r).

General distribution:

Ghana, Côte d'Ivoire (1st record: Beaucournu see Fahr, 2003: 157), Cameroon, Democratic Republic of the Congo, Kenya.

Distribution based on voucher specimens:

Congo (Democratic Republic of the).



Figure 107. Distribution of *Chaerephon russatus*

Chaerephon tomensis (Juste and Ibáñez, 1993)

- *1993. *Tadarida (Chaerephon) tomensis* Juste and Ibáñez, J. Mamm., 74 (4): 901. Type locality: São Tomé and Príncipe: São Tomé Island, 3 km NW Guadalupe, Praia das Conchas. Type specimen: EBD 18256 (F).

Taxonomy:

See Simmons (2005).

Common names:

English: São Tomé Free-tailed Bat. French: Tadaride de Sao Tome.

Etymology of name:

Referring to the island of São Tomé, where the species occurs.

Conservation status:

Global- VU (Billie and Groombridge 1996); CR B1ab(i,iii) ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.* 2004ab).

General distribution:

São Tomé Island.

Distribution based on voucher specimens:

São Tomé and Príncipe.



Figure 108. Distribution of *Chaerephon tomensis*

Genus *Mops* Lesson, 1842

- *1842. *Mops* Lesson, Nouv. Tabl. Regn. Anim. Mammifères, p. 18. Type species: *Mops indicus* Lesson, 1842 (= *Molossus mops* de Blainville, 1840; Genotype *Mops indicus* Lesson = *Dysopes mops* F. Cuvier; listed in synonymy of *Nyctinomus* by Miller, 1907, Bull. U.S. Nat. Mus., 57, p. 251; but listed as a genus with distinct characters by Thomas, 1913, J. Bombay Nat. Hist. Soc., 22, p. 91). Publication date: 1842.

Taxonomy:

Formerly included in *Tadarida*; for synonyms see Freeman (1981: 158). See also Legendre (1984). Harrison and Bates (1991: 64), Ansell and Dowsett (1988: 45), Corbet and Hill (1992: 157), Grubb *et al.* (1998: 93) and Horáček *et al.* (2000: 137), who include *Mops* as subgenus in *Tadarida*. A key is provided by Dunlop (1999: 1, Mammalian Species, 615).

Common names:

English: Mops Bats, Greater Free-tailed Bats, Mops Free-tailed Bats

Subgenus *Mops (Mops)* Lesson, 1842

- *1842. *Mops* Lesson, Nouv. Tabl. Regn. Anim. Mammifères, p. 18. Type species: *Mops indicus* Lesson, 1842 (= *Molossus mops* de Blainville, 1840; Genotype *Mops indicus* Lesson = *Dysopes mops* F. Cuvier; listed in synonymy of *Nyctinomus* by Miller, 1907, Bull. U.S. Nat. Mus., 57, p. 251; but listed as a genus with distinct characters by Thomas, 1913, J. Bombay Nat. Hist. Soc., 22, p. 91). Publication date: 1842.
1917. *Allomops* J.A. Allen, Bull. Am. Mus. Nat. Hist., 37: 470, text-fig. 12-15. Type species: *Chærephon (Allomops) osborni* Allen, 1917 (= *Nyctinomus condylurus* A. Smith, 1833). Publication date: 29 September 1917.
1951. *Tadarida (Mops)*: Ellerman and Morrison-Scott, Name combination.
- ? *Mops (Mops)*: Name combination.

Mops (Mops) condylurus (A. Smith, 1833)

- *1833. *Nyctinomus condylurus* A. Smith, S. Afr. Quart. J., ser. 2, 1 (2): 54. Type locality: Republic of South Africa: Port Natal [=Natal, Durban]. Publication date: November 1833.
1864. *Dysopes hepaticus* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 31 (7): 14. Type locality: Sudan: Baher-el-Ghazal, Country of the Req natives to the Djur River. Meester *et al.* (1986: 74): "Allen (1939a), who regards it as a synonym of *bivittata*. Hayman and Hill (1971) regard it as unidentifiable, but point out that Kock (in litt) believes that it probably represents *condylurus*. The latter view is expressed also by Kock (1969) and Koopman (1975)".
1870. *Nyctinomus angolensis* Peters, J. Sci. mat. Phys. Nat., Lisboa, ser. 1, 3 (10): 124. Type locality: Angola: Quenza river. - Publication date: December 1870. Considered a synonym of *leucostigma* by Peterson *et al.* (1995: 168). Roberts (1951: 97), Ansell and Dowsett (1988: 47), assigned it to Gunther, 1870, 1871. According to Meester *et al.* (1986: 74) "Günther 1871, Zoological Record (1870): 8. Quenza River [= "Cuanza River], Angola. Usually wrongly attributed to Peters, 1870, but see Cabrera and Ruxton, Ann. Mag. Nat. Hist., (9) 17: 595, 1926." According to Peterson *et al.* (1995): "Kaudern, 1915: Ark. Zool., 9 (18): 77", but Peters, 1870 according to Simmons (2005).
1911. *Chaerephon emini* Wroughton, Ann. Mag. nat. Hist., ser. 8, 8 (46): 458. Type locality: Sudan: Rosieres. Publication date: 1 October 1911. Not of de Winton, 1901: see Meester *et al.* (1986: 74)
1917. *Mops (Allomops) osborni*: J.A. Allen, Bull. Am. Mus. Nat. Hist., 37 (18): 470, 473, text-fig. 12-14, 26. Type locality: Democratic Republic of the Congo: Kinshasa, near Leopoldville. Type specimen: AMNH 49230 (ad M, alcoholic and skull, collector: Herbert Lang and James P. Chapin (American Museum Congo Expedition), collection date: 22 December 1914, original number 2570). Publication date: 29 September 1917.

1936. *Mops angolensis wonderi* Sanborn, Field Mus. Nat. Hist., Zool. ser., 20: 114. Type locality: Mali: 7 km E Bamako, Sotuba. Publication date: 15 August 1936. Considered a valid subspecies by Grubb *et al.* (1998: 93).
1939. *Mops osborni occidentalis* Monard, Arq. Mus. Bocage, Lisboa, 10: 78. Type locality: Guinea Bissau: Mansoa [12 04 N 15 19 W], Contubo-el [12 22 N 14 34 W] or Pitche [12 20 N 13 57 W] (Monard (1939: 78) does not mention a holotype, but a series of specimens from Mansoa (14), Cotubo-el (5) and Pitche (9)). Type specimens: NMBE 5268, 5269 (syntypes, 2 M, original numbers 226, 275, collection date: 11-12 December 1937; see Oakeley (1998: 2)); RMCA 15307 (M, alcoholic, collector Monard, original number 223, collection date 1937; RMCA 15308 (F, alcoholic, collector Monard, original number 498); RMCA 15309 (M, alcoholic, collector Monard, original number 229). Monard (1939: 78) mentions a larger series: nrs 215 to 227, 275 (13 MM + 1 F from Mansoa); 494 to 498 (1 M + 4 FF from Contubo-el; 77. Publication date: March 1939.
1939. *Mops osborni occidentalis f. fulva* Monard, Arq. Mus. Bocage, Lisboa, 10: 80. Type locality: Guinea Bissau: Mansoa [12 04 N 15 19 W] or Pitche [12 20 N 13 57 W]. Type specimen: NMB 5270 (syntype, 1 F, alcoholic, original number 232, collection date: 11-12 December 1937). Grubb *et al.* (1998: 93) indicate that Monard's quadrinomial name was validated, in accordance with International Code of Zoological Nomenclature Article 45 (g)(ii)(1), by its use as a trinomial (Freeman, 1981: 159). Monard (1939: 80) mentions a series of 10 specimens (nrs 228 to 237, 5 MM + 5 FF) from Mansoa and 1 M (nr 781) from Pitche. Publication date: March 1939.
1942. *Mops angolensis orientis* G.M. Allen and Loveridge, Bull. Mus. comp. Zool., 89 (4): 166. Type locality: Tanzania, SE Tanzania, Mtwara, Rovuma river, Kitaya. Type specimen: MCZ 38829 (holotype, ad M, skin and skull, collector: Arthur Loveridge, collection date: 3 April 1939 (see Allen and Loveridge 1942: 166). Helgen and McFadden (2001: 146) also mention 9 paratypes. Possibly valid as a subspecies.
1942. *orientis* G.M. Allen and Loveridge, Bull. Mus. comp. Zool., 89 (4): xxx. Possibly valid as a subspecies
1981. *Mops osborni fulva*: Freeman, Field. Zool., n.s. 7: 159. Name combination.
- ? *Chaerephon (Allomops) osborni*: Name combination.
- ? *Mops (Mops) condylurus*: Name combination.
- ? *Mops condylurus orientis*: Name combination.

Taxonomy:

Includes *angolensis* and *leucostigma*, but see Peterson *et al.*, (1995: 168).

Common names:

Afrikaans: Angola-losstertvlermuis, Angolase Losstertvlermuis. English: Angolan Mops Bat, Knob-tailed Mops Bat, Angolan Free-tailed Bat. French: Tadaride d'Angola, Molosse d'Angola. Portuguese: Morcego de cauda livre.

Etymology of name:

From "*condylurus*" meaning knob tailed. Originally described from the former Natal province, it might more appropriately have been called the Natal free-tailed bat, but this name is taken by *Mormopterus acetabulosus*.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004ax).
Regional- South Africa- LC ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

Senegal over Benin (Capo-Chichi *et al.*, 2004: 163), Republic of the Congo (Dowsett *et al.*, 1991: 259), Uganda (Kityo and Kerbis, 1996: 62) to Ethiopia (Lavrenchenko *et al.*, 2004: 141), Somalia, south to Malawi (Happold and Happold, 1997: 823), Angola, Botswana, Namibia, Zambia, Zimbabwe (Cotterill, 2004: 260) and KwaZulu-Natal (South Africa); Madagascar.

Echolocation:

See Taylor (1999).

Molecular biology:

DNA - Unknown.
Karyotype - Dulic and Mutere (1973a) described the karyotype as having a diploid number of $2n=48$, $aFN=56$, $BA=10$, $X=SM$, $Y=A$. While Smith *et al.*, (1986) found that the fundamental number was $aFN=66$, $BA=20$, this is supported by Rautenbach *et al.*, (1993).
Protein / allozyme - Unknown.



Distribution based on voucher specimens:
 Angola, Cameroon, Congo (Democratic Republic of the), Ethiopia, Gabon, Guinea-Bissau, Malawi, Mozambique, South Africa, Swaziland, Tanzania, Uganda, Zambia, Zimbabwe.

Figure 109. Distribution of *Mops (Mops) condylurus*

***Mops (Mops) congicus* J.A. Allen, 1917**

*1917. *Mops congicus* J.A. Allen, Bull. Am. Mus. Nat. Hist., 37 (18): 467, pl. 55. Type locality: Democratic Republic of the Congo: Oriental, Medje. Type specimen: AMNH 48893 (ad F, skin and skull, collector: Herbert Lang and James P. Chapin (American Museum Congo Expedition), collection date: 8 September 1910, original number 966). Publication date: 29 September 1917.

? *Mops (Mops) congicus*: Name combination.

Taxonomy:

Does not include *trevori*; see Peterson (1972).

Common names:

English: Medje Mops Bat, Medje free-tailed bat, Medje Greater Free-tailed Bat. French: Tadaride de Medje.

Conservation status:

Global- LR/nt (Baillie and Groombridge 1996); NT ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004bz).

General distribution:

Ghana, Nigeria, Cameroon, Democratic Republic of the Congo, Uganda, perhaps Gambia.

Distribution based on voucher specimens:

Congo (Democratic Republic of the).



Figure 110. Distribution of *Mops (Mops) congicus*

Mops (Mops) demonstrator (Thomas, 1903)

- *1903. *Nyctinomus demonstrator* Thomas, Ann. Mag. nat. Hist., ser. 7, 12 (71): 504. Type locality: Sudan: Equatoria province, 25 mi (37 km) N of Gondokoro, Mongalla. Type specimen: BMNH 1902.7.4.3 (ad M, collected and presented by W.L. Loat, Esq.). Publication date: 1 November 1903.
1917. *Mops (Allomops) faradjius* J.A. Allen, Bull. Am. Mus. Nat. Hist., 37 (18): 476. Type locality: Democratic Republic of the Congo: NE Congo, Faradje. Type specimen: AMNH 49222 (ad M, alcoholic, collector: Herbert Lang and James P. Chapin (American Museum Congo Expedition), collection date: 1 November 1913, original number: 3015). Publication date: 29 September 1917.
- ? *Mops (Mops) demonstrator*: Name combination.
- ? *Mops demonstrator*: Name combination.

Taxonomy:

See Simmons (2005).

Common names:

English: Mongalla Mops Bat, Mongallan Mops Bat, Mongalla free-tailed bat. French: Tadaride de Mongalla.

Conservation status:

Global- LR/nt (Baillie and Groombridge 1996); NT ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004cz).

General distribution:

Sudan, Democratic Republic of the Congo, Uganda, Burkina Faso.

Distribution based on voucher specimens:

Congo (Democratic Republic of the), Sudan.



Figure 111. Distribution of *Mops (Mops) demonstrator*

Mops (Mops) leucostigma (G.M. Allen, 1918)

- *1918. *Chaerephon leucostigma* G.M. Allen, Bull. Mus. comp. Zool., 61 (4): 513. Type locality: Madagascar: Tananarive. Type specimen: MCZ 16344 (holotype, M, skin and skull; collector: F.R. Wulsin; collection date: December 1915; see Peterson *et al.*, 1995: 168; Helgen and McFadden, 2001: 145). Helgen and McFadden (2001: 145) also mention a paratype (MCZ 16345; M; skin and skull). Publication date: 27 February 1918.

? *Mops (Mops) leucostigma*: Name combination.

? *Mops leucostigma*: Name combination.

Taxonomy:

Included in *condylurus* by Koopman (1993a: 236), but considered a valid species in *Tadarida (M.)* by Peterson *et al.* (1995: 152) and Russ *et al.* (2001). Considered a valid species in the genus *Mops* by Hutson *et al.* (2001: 34), Goodman and Cardiff (2004: 227), Simmons (2005).

Conservation status:

Global- DD ver 2.3 (1994).

General distribution:

Madagascar.

Distribution based on voucher specimens:

Madagascar.

Common names:

English: Madagascar White-bellied Free-tailed Bat.

Mops (Mops) midas (Sundevall, 1843)

- *1843. *Dysopes midas* Sundevall, Kongl. Svenska Vet.-Akad. Handl. Stockholm, ser. 3, 30: 207, pl. 2, fig. 7 [for 1842]. Type locality: Sudan: Blue Nile, White Nile River, West bank, Jebel el Funj [c 11 45 N 33 30 E] (Horáček *et al.* (2000: 137) mention "Bahr-el-Abiad, White Nile". Meester *et al.* (1986: 73): "Bahr-el-Abiad (White Nile), Sudan. Kock (1969: 154) suggests that the type locality is at Jebel el Funj, between the White and Blue Nile, and Koopman (1975 and in litt.) restricts it to the east (not west, as shown in 1975: 429) bank of the White Nile at 11 45 N 33 30 E, Blue Nile Province, Sudan."). Type specimens: BMNH 1846.6.2.20 (Syntype, ex Stockholm Museum (ZSM no. 523), skin and skull, locality: Bahr el Abiad). Publication date: 1843.

? *Mops (Mops) midas*: Name combination.

? *Mops midas*: Name combination.

Taxonomy:

Dunlop (1999) following Koopman (1994) recognizes two subspecies: *M. m. midas* (Sundevall 1843: 207) occurring over most of the range and *M. m. miarensis* (Grandidier, 1869: 337) occurring in Madagascar (Peterson *et al.*, 1995).

Common names:

Afrikaans: Midas se losstertvlermuis, Midas-losstertvlermuis. English: Midas Mops Bat, Midas Bat, Midas Free-tailed Bat, Sundevall's Free-tailed Bat. French: Tadaride de Midas, Molosse de Midas.

Palaeontological / archaeological records:

No known fossils (Dunlop 1999).



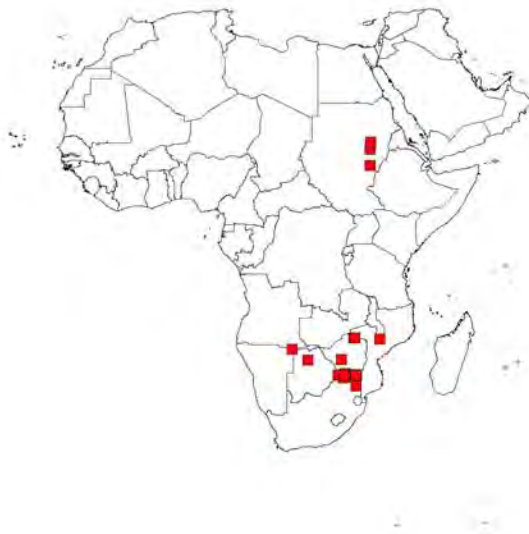
Figure 112. *Mops (Mops) midas*

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004be).

Regional- South Africa- Indeterminate (Smithers

- 1986); LC ver 3.1 (2001) (Friedmann and Daly 2004).
- General distribution:
Senegal over Eritrea (Lavrenchenko *et al.*, 2004: 133) to Saudi Arabia, south to Botswana, Namibia (?) (Cotterill, 2004: 260), Zambia (Cotterill, 2004: 260), Malawi (Ansell and Dowsett, 1988: 47), and Transvaal (South Africa); Madagascar.
- Geographic variation:
Unknown.
- General description of external morphology:
See Dunlop (1999).
- General description of cranial and dental morphology:
See Dunlop (1999).
- Detailed morphology:
For a description of the crania, teeth, ears and tragus, and wingshape and aspect ratio see Dunlop (1999).
- Functional morphology:
Unknown.
- Sexual dimorphism:
Sexual dimorphism in *M. midas* occurs primarily in the stronger development of the sagittal and lambdoidal crests (Kingdon 1974; Smithers 1983; Dunlop 1999), as well as the greater length and width of the skull (Peterson *et al.*, 1995) in males.
- Echolocation:
See Dunlop (1999) and Taylor (1999).
- Molecular biology:
DNA - Unknown.
Karyotype - Smith *et al.*, (1986) described the karyotype as having a diploid number of $2n=48$, $aFN=66$, $BA=20$, $X=SM$, $Y=A$, this is supported by Rautenbach *et al.* (1993).
Protein / allozyme - Unknown.
- Habitat:
See Dunlop (1999).
- Habits:
See Dunlop (1999).
- Roost:
See Dunlop (1999).
- Migration:
May make local migrations, as they only appear in parts of their range (northeastern Congo) at the end of the dry season (Allen *et al.*, 1917; Dunlop 1999).
- Diet:
See Dunlop (1999).
- Predators:
Unknown
- Population:
Structure - Verschuren (1957) found females outnumbered males in the roost at a ratio of four to one.
Density - Smithers (1983) reported *M. midas* roosting in groups of up to several hundred; however, Verschuren (1957) only recorded groups of 10-20 individuals leaving roosts.
- Life-span:
Unknown.
- Activity and behaviour:
See Dunlop (1999).
- Reproduction and ontogeny:
See Dunlop (1999).
- Mating:
See Dunlop (1999).
- Post-natal development:
Unknown.
- Parasites:
A number of mites have been recorded for this species, including *Chelanyssus aethiopicus* (Family Macronyssidae) and *Nycteriglyhus tadaridae* (Family Rosensteiniidae) (Anciaux de Faveaux 1971; 1976). Bat fleas (Siphonaptera) have also been recorded (Dunlop 1999). *Lagaropsylla hoogstraali* (Ischnopsyllidae: Ischnopsyllinae) was found amongst a batch of fleas taken from *M. midas* in the Kruger National Park, South Africa in the Pafuri area (Segermann and Braack 1988).
- Viruses:
Unknown.
- Utilization:
Unknown.
- Anthropophilous:
Unknown.



Distribution based on voucher specimens:
 "Africa", Botswana, Madagascar, Malawi,
 Namibia, South Africa, Sudan, Zimbabwe.

Figure 113. Distribution of *Mops (Mops) midas*

Mops (Mops) midas miarensis (A. Grandidier, 1869)

- *1869. *Nyctinomus miarensis* A. Grandidier, Rev. Mag. Zool., ser. 2, 21: 337. Type locality: Madagascar: Between Soua-haze and Soua-hané [sic], Miari [probably Miary, near Tuléar]. Type specimen: MNHN 29 (ad F, alcoholic, skull not removed: see Peterson *et al.*, 1995: 174). Publication date: September 1869.
- 1870. *Nyctinomus unicolor* A. Grandidier, Rev. Mag. Zool., ser. 2, 22: 49. Type locality: Madagascar: no specific locality. Publication date: February 1870.
- ? *Mops (Mops) midas miarensis*: Name combination.
- ? *Mops midas miarensis*: Name combination.

General distribution:
 E, SW, S Madagascar.

Mops (Mops) midas midas (Sundevall, 1843)

- *1843. *Dysopes midas* Sundevall, Kongl. Svenska Vet.-Akad. Handl. Stockholm, ser. 3, 30: 207, pl. 2, fig. 7 [for 1842]. Type locality: Sudan: Blue Nile, White Nile River, West bank, Jebel el Funj [c 11 45 N 33 30 E] (Horáček *et al.* (2000: 137) mention "Bahr-el-Abiad, White Nile". Meester *et al.* (1986: 73): "Bahr-el-Abiad (White Nile), Sudan. Kock (1969: 154) suggests that the type locality is at Jebel el Funj, between the White and Blue Nile, and Koopman (1975 and in litt.) restricts it to the east (not west, as shown in 1975: 429) bank of the White Nile at 11 45 N 33 30 E, Blue Nile Province, Sudan."). Type specimen: BMNH 1846.6.2.20 (Syntype, ex Stockholm Museum (no. 523), skin and skull, locality: Bahr el Abiad). Publication date: 1843.
- ? *Mops (Mops) midas midas*: Name combination.
- ? *Mops midas midas*: Name combination.
- ? *Mops midas*: Name combination.

General distribution:
 Continental Africa; Arabia.

Mops (Mops) niangarae J.A. Allen, 1917

- *1917. *Mops niangarae* J.A. Allen, Bull. Am. Mus. Nat. Hist., 37 (18): 468. Type locality: Democratic Republic of the Congo: Oriental, Niangara. Type specimen: AMNH 48901 (ad M, skin and skull, collector: Herbert Lang and James P. Chapin (American Museum Congo Expedition), collection date: 12 December 1910, original number: 1313). Publication date: 29 September 1917.

? *Mops (Mops) niangarae*: Name combination.

Taxonomy:

Peterson (1972) included this species in *trevori*; Hayman and Hill (1971) listed it as a subspecies of *Tadarida congica* (= *Mops congicus*). Freeman (1981: 111, 159) considered it a distinct species pending collection of additional specimens.

Common names:

English: Niangara Mops Bat, Niangaran Mops Bat, Niangara free-tailed bat. French: Tadaride du Niangara.

Etymology of name:

Referring to the locality where the type specimen was found.

Conservation status:

Global- DD (Baillie and Groombridge 1996); CR: B1+2c (Mickleburgh *et al.*, 2002: 22); DD ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004bl).

General distribution:

Known only from the holotype.



Figure 114. Distribution of *Mops (Mops) niangarae*

Distribution based on voucher specimens:

Congo (Democratic Republic of the).

Mops (Mops) niveiventer Cabrera and Ruxton, 1926

- *1926. *Mops angolensis niveiventer* Cabrera and Ruxton, Ann. Mag. nat. Hist., ser. 9, 17 (103): 594. Type locality: Democratic Republic of the Congo: Kasai Occidental, St. Joseph de Luluabourg [=Kananga] 610 m asl. Type specimen: BMNH 1926.7.6.109 (F, skin and skull, collection date 16 April 1924, original number: 409). Publication date: 1 May 1926.
1937. *Mops chitauensis* J.Eric Hill, Am. Mus. Novit., 916: 2, 3, text-fig. 1. Type locality: Angola: Chitau. Type specimen: AMNH 88116 (ad M, SS, collector Lee S. Bradley, collection date: 10 February 1933, original number 676). Publication date: 17 April 1937.
1975. *niveiventer* Fenton, Life Sci. Occ. Pap., R. Ont. Mus., 104: 23. Lapsus.
- ? *Mops (Mops) niveiventer*: Name combination.
- ? *Mops niveiventer*: Name combination.

Taxonomy:

Possibly a subspecies of *demonstrator*. Records from Botswana and Madagascar are definitely *condylurus*, see Meester *et al.* (1986: 74) and Hayman and Hill (1971: 61).

Common names:

English: White-bellied Mops Bat, White-bellied free-tailed bat. French: Tadaride à ventre blanc. Portuguese: Morcego de cauda livre de ventre branco.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Cotterill 2004f).

General distribution:

Democratic Republic of the Congo, Rwanda, Burundi, Tanzania, Angola, Zambia, Mozambique.



Figure 115. Distribution of *Mops (Mops) niveiventer*

Distribution based on voucher specimens:
Congo (Democratic Republic of the), Rwanda, Zambia.

Mops (Mops) trevori J.A. Allen, 1917

- *1917. *Mops trevori* J.A. Allen, Bull. Am. Mus. Nat. Hist., 37 (18): 469, pl. 48, fig. 2. Type locality: Democratic Republic of the Congo: Oriental, Faradje. Type specimen: AMNH 49250 (ad F, alcoholic, collector Herbert Lang and James P. Chapin (American Museum Congo Expedition), collection date: 29 September 1912, original number 1954). Publication date: 29 September 1917.
1996. *Mops trevoli* Kityo and Kerbis, J. East Afr. Nat. Hist., 85: 63. Lapsus.
- ? *Mops (Mops) trevori*: Name combination.

Taxonomy:

Formerly included in *niangarae*; see Freeman (1981: 111, 159).

Common names:

English: Trevor's Mops Bat, Trevor's free-tailed bat, Trevor's bat. French: Tadaride de Trevor.

Etymology of name:

In honour of John B. Trevor, a Trustee of the American Museum of Natural History and Chairman of the Committee on African Exploration, whose enthusiasm and generosity in support of the Congo Expedition contributed to its success (see J.A. Allen, 1917: 469).

Conservation status:

Global- LR/nt (Baillie and Groombridge 1996); VU A4c ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004bd).

General distribution:

NW Democratic Republic of the Congo, Uganda (Kityo and Kerbis, 1996: 63).



Figure 116. Distribution of *Mops (Mops) trevori*

Distribution based on voucher specimens:
Congo (Democratic Republic of the).

Subgenus *Mops* (*Xiphonycteris*) Dollman, 1911

1911. *Xiphonycteris* Dollman, Ann. Mag. nat. Hist., ser. 8, 7 (38): 210. Type species: *Xiphonycteris spurrelli* Dollman, 1911. Publication date: 1 February 1911.
 ? *Mops* (*Xiphonycteris*): Name combination.
 ? *Tadarida* (*Xiphonycteris*): Name combination.

Mops* (*Xiphonycteris*) *brachypterus (Peters, 1852)

- *1852. *Dysopes brachypterus* Peters, Naturw. Reise Mossamb., Säugethiere, p. 59, pl. 15, fig. 1. Type locality: Mozambique: Mozambique Island [15 S 40 42 E]. Publication date: 1852.
 1908. *Nyctinomus leonis* Thomas, Ann. Mag. Nat. Hist., ser. 8, 2 (10): 373. Type locality: Sierra Leone: no specific locality. Type specimen: BMNH 1862.12.23.3 (Holotype, skin and skull, presented by J. Brown Esq.). Publication date: 1 October 1908.
 1917. *Nyctinomus ochraceus* J.A. Allen, Bull. Am. Mus. Nat. Hist., 37 (18): 455. Type locality: Democratic Republic of the Congo: NE Congo, Medje. Type specimen: AMNH 48821 (ad F, skin and skull, collector: Herbert Lang and James P. Chapin (American Museum Congo Expedition), collection date: 16 March 1910, original number 745). Publication date: 29 September 1917.
 ? *Mops* (*Xyphonycteris*) *brachypterus*: Name combination.
 ? *Mops brachypterus*: Name combination.

Taxonomy:

Includes *leonis*; see El-Rayah (1981: 6).

Common names:

English: Sierra Leone Mops Bat, Short-winged Mops Bat, Sierra Leone free-tailed bat, White-fingered free-tailed bat. French: Tadaride à doigts blancs.

Etymology of name:

From the Greek "*brachypterus*" meaning short winged.

Conservation status:

Global- LC ver 3.1 (2001) (IUCN 2004).

General distribution:

Gambia to Kenya; Tanzania (including Zanzibar); Mozambique.

Distribution based on voucher specimens:

Cameroon, Congo (Democratic Republic of the), Mozambique, Sierra Leone, Tanzania.



Figure 117. Distribution of *Mops* (*Xiphonycteris*) *brachypterus*

Mops (Xiphonycteris) nanulus J.A. Allen, 1917

- *1917. *Mops (Allomops) nanulus* J.A. Allen, Bull. Am. Mus. Nat. Hist., 37 (18): 477. Type locality: Democratic Republic of the Congo: Oriental, Niangara. Type specimen: AMNH 48864 (ad M, skin and skull, collector: Herbert Lang and James P. Chapin (American Museum Congo Expedition), collection date: 12 December 1910, original number: 1318). Publication date: 29 September 1917.
1940. *Mops calabarensis* Hayman, Trans. Zool. Soc. Lond., 24: 677. Type locality: Nigeria: Calabar, Ikotmbo [05 03 N 18 19 E] 50 ft asl. Type specimen: BMNH 1939.318 (M, skin and skull, collected by Ivan T. Sanderson, collection date 18 September 1932, original number: 3).
1940. *Mops nannulus* Sanderson, Trans. zool. Soc. Lond., 24: 677. Lapsus (see Grubb *et al.*, 1998: 96).
- ? *Mop nanulus*: Name combination.
- ? *Mops (Xiphonycteris) nanulus*: Name combination.

Taxonomy:

Distinction from *spurrelli* not certain; see Koopman (1989b).

Common names:

English: Dwarf Mops Bat, Dwarf free-tailed bat.
French: Tadaride naine.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004ag).

General distribution:

Gambia (Simmons, 2005) over Sierra Leone, Benin (Capo-Chichi *et al.*, 2004: 163) to Ethiopia and Kenya.

Distribution based on voucher specimens:

Cameroon, Congo (Democratic Republic of the), Ghana, Kenya, Nigeria.



Figure 118. Distribution of *Mops (Xiphonycteris) nanulus*

Mops (Xiphonycteris) petersoni (El Rayah, 1981)

*1981. *Tadarida (Xiphonycteris) petersoni* El Rayah, R. Ontario Mus. Life Sci. Occas. Pap, 36: 3. Type locality: Cameroon: 15 km S Kumba [04 39 N 09 26 E]. Type specimen: ROM 55813 (ad M, alcoholic and skull, collector Randolph L. Peterson, collection date: 27 January 1970, original number 0364, see El-Rayah, 1981: 3). Publication date: 11 December 1981.

? *Mops (Xiphonycteris) petersoni*: Name combination.

? *Mops petersoni*: Name combination.

Taxonomy:

Described in *Tadarida (Xiphonycteris)*, but see comments under *Tadarida* and *Mops*.

Conservation status:

Global- LR/nt (Baillie and Groombridge 1996); VU A4c ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004bc).

Common names:

English: Peterson's Mops Bat, Peterson's free-tailed bat. French: Tadaride de Peterson.

Distribution:

Cameroon and Ghana, perhaps Sierra Leone.

Etymology of name:

In honour of Randolph L. Peterson, collector of the type specimen.

Mops (Xiphonycteris) spurrelli (Dollman, 1911)

*1911. *Xiphonycteris spurrelli* Dollman, Ann. Mag. Nat. Hist., ser. 8, 7 (38): 211. Type locality: Ghana: 60 mi (90 km) W Kumasi, Bibianaha [=Bibiani]. Type specimen: BMNH 1911.1.11.1 (ad M). Publication date: 1 February 1911.

? *Mops (Xiphonycteris) spurrelli*: Name combination.

Taxonomy:

See Simmons (2005).

Common names:

English: Spurrell's Mops Bat, Spurrell's free-tailed bat. French: Tadaride de Spurell.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004cm).

General distribution:

Guinea (Fahr and Ebigbo, 2003: 128), Liberia, Ivory Coast, Ghana, Togo, Benin, Rio Muni and Bioko (Equatorial Guinae), Democratic Republic of the Congo.

Distribution based on voucher specimens:

Congo (Democratic Republic of the), Ghana, Togo.



Figure 119. Distribution of *Mops (Xiphonycteris) spurrelli*

Mops (Xiphonycteris) thersites (Thomas, 1903)

- *1903. *Nyctinomus thersites* Thomas, Ann. Mag. Nat. Hist., ser. 7, 12 (72): 634. Type locality: Cameroon: Efulen. Type specimen: BMNH 1904.2.8.4 (Holotype, old M, collector Mr. G.L.; Bates, 3 specimens: see Thomas (1903c: 635). Publication date: 1 December 1903.
1917. *Mops (Allomops) occipitalis* J.A. Allen, Bull. Am. Mus. Nat. Hist., 37 (18): 474, text-fig. 15. Type locality: Democratic Republic of the Congo: Avakubi. Type specimen: AMNH 48851 (ad M, skin and skull, collector: Herbert Lang and James P. Chapin (American Museum Congo Expedition), collection date: 13 February 1914, original number 2487). Publication date: 29 September 1917.
- ? *Mops (Xyphonycteris) thersites*: Name combination.
- ? *Mops thersites*: Name combination.

Taxonomy:

See Simmons (2005).

Common names:

English: Railer Mops Bat, Railer Bat. French: Tadaride de Railer. Portuguese: Morcego de railer.

Etymology of name:

Thersites was one of the members of the Greek army against Troy. He tried to stir up the army against its leaders, for which he got beaten by Odysseus. His name is a scorn: naughty boy. He was an excessive thwaddler, with deformed legs, feet, and bent over shoulders, a pointed head and thin flaky hair.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004cl).

General distribution:

Sierra Leone to Rwanda; Bioko; perhaps Mozambique and Zanzibar.



Figure 120. Distribution of *Mops (Xiphonycteris) thersites*

Distribution based on voucher specimens: Cameroon, Congo (Democratic Republic of the).

Genus *Mormopterus* Peters, 1865

- *1865. *Mormopterus* Peters, Monatsb. k. preuss. Akad. Wiss. Berlin, p. 258. Type species: *Nyctinomus (Mormopterus) jugularis* Peters, 1865.

Taxonomy:

Meester *et al.* (1986) state that this treatment of *Mormopterus* is provisional; it has been regarded as a subgenus of *Tadarida* (Hayman and Hill 1971) or as a valid genus that includes *Platymops* and *Sauromys* as subgenera (Freeman 1981; Legendre 1984), and the extralimital *Micronomus* as either a subgenus (Legendre loc. cit.) or a synonym (Freeman 1981; Peterson 1985).

Bronner *et al.* (2003) mention that the status of *Sauromys*, described as a monotypic subgenus of the extralimital (to southern Africa) *Platymops* for the South African flat-headed free-tailed bat, remains unclear. Peterson (1965) raised it to generic rank, a treatment endorsed by many subsequent authors, and corroborated by a limited multivariate analysis of wing bone and cranial characteristics (Peterson 1985). However, morphometric studies by Freeman (1981) and Legendre (1984) concluded that it is a subgenus of *Mormopterus*, a position followed by Koopman (1993, 1994). Simmons (2005) retains *Sauromys* as a valid genus in the new Mammal Species of the World (3rd Edition), a treatment we favour because of the unique ecology and morphology of *S. petrophilus*.

Meester *et al.* (1986) furthermore state that it was

Mormopterus acetabulosus (Hermann, 1804)

- *1804. *Vespertilio acetabulosus* Hermann, Observationes zoologicae, p. 19. Type locality: Mauritius: Port Louis. Publication date: 1804.
? *Mormopterus acetabulosus*: Name combination.

Taxonomy:

See Simmons (2005).

Common names:

Afrikaans: Natalse losstertvlermuis. English: Natal Flat-headed Bat, Natal Wrinkle-lipped Bat, Natal free-tailed bat. French: *Sauromys* du Natal.

Conservation status:

Global- VU (Baillie and Groombridge 1996); VU D2 ver 3.1 (2001) (IUCN 2004; Hutson and Bergmans 2004).

Regional- South Africa- Indeterminate (Smithers 1986 considered a vagrant not assessed, known

originally described as a subgenus, but this genus was regarded as a synonym of *Platymops* by Shortridge (1942), Roberts (1951) and Ellerman *et al.* (1953). Harrison (1962) retains it as a subgenus, while Peterson (1965) raises it to generic rank, in which he is followed by Hayman and Hill (1971), Smithers (1971), Corbet and Hill (1980) and Rautenbach (1982). However, Freeman (1981), followed by Honacki *et al.* (1982) and Legendre (1984), conclude that both *Sauromys* and *Platymops* are subgenera of *Mormopterus*. We take the view that both *Platymops* and *Sauromys* are valid genera.

Key in Jacobs and Fenton (2002, Mammalian Species, 703).

Common names:

English: Phantom-winged Bats, Little Bulldog Bats, Little Mastiff Bats, Little Goblin Bats, Flat-headed Bats, Flat-headed Bulldog Bats, Goblin bats

Etymology of name:

From the Greek "*mormopterus*" meaning phantom- or ghost-winged or winged goblin (Flannery, 1990: 367; 1995: 408).

from single locality (Friedmann and Daly 2004).

General distribution:

Reunion and Mauritius (Mascarine Isls), Madagascar; isolated citations from South Africa, Ethiopia, of which some might be in error according to Peterson *et al.* (1995: 150). Taylor (1998: 60) mentioned a specimen from Durban collected by Andrew Smith in 1833, but also states that no further specimens have been collected since.

Distribution based on voucher specimens: Mauritius, Réunion.

Mormopterus acetabulosus acetabulosus (Hermann, 1804)

- *1804. *Vespertilio acetabulosus* Hermann, Observaciones zoologicae, p. 19. Type locality: Mauritius: Port Louis. Publication date: 1804.
 1824. *Nyctinomus mauritianus* Horsfield, Zool. Res. Java, Part 5, 9th page of text in account of *N. tenuis*. Type locality: Mauritius: Port Louis. Publication date: 1823-1824.
 ? *Mormopterus acetabulosus acetabulosus*: Name combination.

Mormopterus acetabulosus natalensis (A. Smith, 1847)

1833. *Nyctinomus dubius* A. Smith, S. Afr. Quart. J., ser. 2, 1 (2): 54. Type locality: Republic of South Africa: Between Cape Province and Natal. Publication date: November 1833.
 *1847. *Dysopes natalensis* A. Smith, Illustr. Zool. S. Afr. Mamm., pl. 49 and text. Type locality: Republic of South Africa: Near Port Natal [=Durban]. Publication date: December 1847.
 ? *Mormopterus acetabulosus natalensis*: Name combination.

Taxonomy:

Allen (1939a) tentatively treats *dubius* as a species of *Nyctinomus* (= *Tadarida*), remarking that its status is uncertain; Roberts (1951), without giving reasons, regards it as a prior name for *natalensis*. Ellerman *et al.* (1953) are doubtful whether or not the two names are synonymous, and although they list *dubius* in the synonymy of *natalensis* they suggest that it may be necessary

to discard the name as not being certainly identifiable. Hayman and Hill (1971: 65) list *dubius* as *incertae sedis*.

Etymology of name:

The name reflects the two specimens collected in KwaZulu-Natal.

Mormopterus jugularis (Peters, 1865)

- *1865. *Nyctinomus (Mormopterus) jugularis* Peters, Proc. Zool. Soc. Lond., 1865, II: 468. Type locality: Madagascar: Antananarivo (=Tananarive). - Publication date: October 1865.
 1877. *Nyctinomus albiventer* Dobson, Proc. Zool. Soc. Lond., 1876, IV: 733. Type locality: Madagascar: no specific locality. Publication date: April 1877.
 ? *Mormopterus jugularis*: Name combination.

Taxonomy:

See Simmons (2005).

Common names:

English: Peters's Goblin bat, Peters's wrinkle-lipped bat. French: *Sauromys à jugulaire*, *Sauromys de Peters*.

Conservation status:

Global population- VU A2c ver 2.3 (1994).

Distribution:

Madagascar.

Distribution based on voucher specimens:

Madagascar.



Figure 121. Distribution of *Mormopterus jugularis*

Genus *Myopterus* E. Geoffroy St.-Hilaire, 1818

- *1818. *Myopterus* E. Geoffroy Saint-Hilaire, Descrip. de l'Egypte, 2: 113. Type species: *Myopterus senegalensis* Oken, 1816 (not available) (= *Myopteris daubentonii* Desmarest, 1820). Publication date: 1818.
1820. *Myopteris* Desmarest, Encycl. Méthod., (Zoologie, Mammalogie) 1: 131. Type: *Myopteris daubentonii* Desmarest, 1820. Publication date: 1820.
1837. *Myoptera* de Blainville, C. R. Acad. Sci., Paris, 5: 815. Publication date: 1837.
1905. *Eomops* Thomas, Ann. Mag. nat. Hist., ser. 7, 16 (95): 572. Type species: *Mormopterus whitleyi* Scharff, 1900. Publication date: 1 November 1905.

Taxonomy:

Includes *Eomops*; see Hayman and Hill (1971: 56). Grubb *et al.* (1998: 97) indicate that *Myopterus* Oken, 1816, Lehrbuch d. Naturgesch. Pt 3, Zool. Sect. 2: 952. Type species *Myopterus senegalensis* Oken (= *Myopteris daubentonii* Desmarest, 1820) is not available according to Opinion 417 of the ICZN.

Common names:

English: Winged-mouse Bats, African Free-tailed Bats, Winged-rat Free-tailed Bats.

Grubb *et al.* (1998: 97) indicate that Mahoney and Walton (1980: 116) considered the date of Geoffroy's publication to be 1813. Gardner and Hayssen (2004: 12) mention that the correct date should be 1818, not 1813 as mentioned on the publication itself.

Myopterus daubentonii Desmarest, 1820

1816. *Myopterus senegalensis* Oken, Lehrb. Naturg. Jena, pt 3, Zool. Sect 2: 952. Not available (Opinion 417 of the ICZN) see Grubb *et al.* (1998: 97).
- *1820. *Myopterus daubentonii* Desmarest, Encycl. Méthod., (Zoologie, Mammalogie) 1: 132. Type locality: Senegal: no specific locality. Type specimen lost (see Koopman 1993a: 238). Publication date: 1820.
1915. *Myopterus albatu*s Thomas, Ann. Mag. Nat. Hist., ser. 8, 16 (96): 469. Type locality: Democratic republic of the Congo: Uele River. Type specimen: BMNH 1919.5.9.1 (Holotype, collector: M. Hutereau, original number 17; Congo Museum o. 2911). Publication date: 1 December 1915.

Taxonomy:

Includes *albatu*s (see Koopman, 1989b). Allen (1939a: 110) used *Myopterus senegalensis* Oken, 1816 for this species.

Conservation status:

Global- DD (Baillie and Groombridge 1996); NT ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004cc).

Common names:

English: Daubenton's Winged-mouse Bat, Daubenton's free-tailed bat, Senegal mastiff bat.
French: Myoptère de Daubenton, Myoptère du Sénégal.

General distribution:

Senegal, Ivory Coast, NE Democratic Republic of the Congo.

Distribution based on voucher specimens: Congo (Democratic Republic of the).

Etymology of name:

In honour of the French naturalist Louis-Jean-Marie d'Aubenton [=Daubenton] (1716 - 1799/1800) (see Bogdanowicz 1994: 5; Kozhurina, 2002: 15).

Myopterus whitleyi (Scharff, 1900)

- *1900. *Mormopterus Whitleyi* Scharff, Ann. Mag. nat. Hist., ser. 7, 6 (36): 569. Type locality: Nigeria: Mid-Western Region, Benin City. Type specimen: BMNH. Publication date: 1 December 1900.

Taxonomy:

See Simmons (2005).

Common names:

English: Bini Winged-mouse Bat, Whitley's Winged-mouse Bat, Bini Free-tailed Bat. French: Myoptère de Whitley, Myoptère de Bini.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004ch).

General distribution:

Ghana, Nigeria, Cameroon, Central African Republic (Barrière *et al.*, 2002: 234), Democratic Republic of the Congo, Uganda.

Distribution based on voucher specimens:

Central African Republic, Congo (Democratic Republic of the).



Figure 122. Distribution of *Myopterus whitleyi*

Genus **Otomops** Thomas, 1913

1913. *Otomops* Thomas, J. Bomb. nat. Hist. Soc., 22: 91. Type species: *Nyctinomus wroughtoni* Thomas, 1913. Publication date: April 1913.

Taxonomy:

See Simmons (2005).

From the Greek "oto" (=large or long ear) and the Malaysian "mops" (=bat) (see Long 1995: 4).

So named because they have outstanding large round-pointed ears that are attached along the nose and lie in the plane of the face (see Taylor 2005).

Common names:

English: Big-eared Bulldog Bats, Big-eared Free-tailed Bats, Mastiff Bats.

Etymology of name:

Otomops madagascariensis Dorst, 1953

- *1953. *Otomops madagascariensis* Dorst, Mém. Inst. Scient. Madagascar, (A) 8: 236. Type locality: Madagascar: S of Soalala, Namoroka, Réserve Naturelle (Cave P. Saboureau, No. 8) [16 23 S 45 28 E]. Type specimen: MNHN CG 1953-1 (ad F, skull and alcoholic, collector: R. Paulian, collection date: September 1952: see Peterson *et al.* (1995: 181).).
2000. *Otomops martiensseni madagascarensis* Horáček, Hanák and Gaisler, Bats of the Palearctic region. Lapsus.
- ? *Otomops martiensseni madagascariensis*: Name combination.

Taxonomy:

Valdivieso *et al.* (1979) listed it as a distinct species, as did Peterson *et al.* (1995: 183) and Russ *et al.* (2001). We are (yet) unable to confirm whether the original spelling is *madagascariensis* (see Koopman 1993a: 239, Peterson *et al.* 1995, Russ *et al.* 2001, Simmons 2005) or *madagascarensis* (see Horáček *et al.* 2000: 137, Fenton *et al.* 2002: 1584).

General distribution:

W Madagascar (Russ *et al.*, 2001).

Distribution based on voucher specimens: Madagascar.

Common names:

English: Madagascar free-tailed bat, Madagascar Mastiff Bat.

Etymology of name:

Referring to the island where this taxon occurs.

Otomops martiensseni (Matschie, 1897)

- *1897. *Nyctinomus martiensseni* Matschie, Arch. Naturgesch. Berlin, 63 (1): 84. Type locality: Tanzania: 25 mi (37 km) W of Tanga, SE Usambara Mountains, Magrotto Plantation [05 07 S 08 03 E] (Horáček *et al.* (2000: 137) mention "Usambara Mts., W of Tanga, NE Tanzania" Grubb *et al.* (1998: 98) indicate that the locality has been defined by Swynnerton, 1945, Proc. Zool. Soc. Lond., 115: 63). Publication date: October 1897.
- ? *Otomops martiensseni*: Name combination.

Taxonomy:

Koopman (1993a: 239) included *madagascariensis*, but see Peterson *et al.* (1995: 183). See Long (1995, Mammalian Species, 493).

Molecular biology:

DNA - Unknown.
Karyotypic - Dulic and Mutere (1973a) reported $2n = 48$, FN = 56, BA = 10, a submetacentric X chromosome, and an acrocentric Y chromosome.
Protein / allozyme - Unknown.

Common names:

Afrikaans: Bakoor-losstertvlermuis. English: Martienssen's Big-eared Bulldog Bat, Large-eared Free-tailed Bat, Giant Mastiff Bat, Martienssen's Free-tailed Bat, Martienssen bat. French: Chauve-souris bouledogue géante.

Etymology of name:

In honour of "Herr Martienssen of the Königlich Museum für Naturkunde" who found the type specimen (see Long, 1995: 4).

Conservation status:

Global- VU (Baillie and Groombridge 1996); NT ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004cp).

Regional- South Africa- Indeterminate (Smithers 1986); VU D2 ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

Yemen; Djibouti, Ethiopia, Eritrea (Kock and Zinner, 2004: 3), Kenya, Tanzania, Uganda and Central African Republic, over Congo to Angola, Zimbabwe, Malawi, and Natal (South Africa); [Madagascar? if *madagascariensis* is not considered a separate species].



Figure 123. Distribution of *Otomops martiensseni*

Distribution based on voucher specimens: Congo (Democratic Republic of the), Rwanda, [South Africa](#), Tanzania.

Echolocation:

See Taylor (1999) and Taylor *et al.* (2005).

Otomops martiensseni icarus Chubb, 1917

- *1917. *Otomops icarus* Chubb, Ann. Durban Mus., 1: 433, pl. 21. Type locality: Republic of South Africa: Natal, Durban. Publication date: 21 May 1917.
- ? *Otomops martiensseni icarus*: Name combination.

Etymology of name:

Named after Icarus, son of Daidalos, who fled from their prison with wings made of wax and feathers.

General distribution:

From Angola to KwaZulu-Natal, Malawi (Horáček *et al.*, 2000: 137)

Otomops martiensseni martiensseni (Matschie, 1897)

- *1897. *Nyctinomus martiensseni* Matschie, Arch. Naturgesch. Berlin, 63 (1): 84. Type locality: Tanzania: 25 mi (37 km) W of Tanga, SE portion of Western Usambara Mountains, Magrotto Plantation [05 07 S 08 03 E] (Horáček *et al.* (2000: 137) mention "Usambara Mts., W of Tanga, NE Tanzania")
- Grubb *et al.* (1998: 98) indicate that the locality has been defined by Swynnerton, 1945, Proc. Zool. Soc. Lond., 115: 63). Publication date: October 1897.
- ? *Otomops martiensseni martiensseni*: Name combination.

General distribution:

Central African Republic to Yemen and south to Zimbabwe (Horáček *et al.*, 2000: 137).

Genus *Platymops* Thomas, 1906

1906. *Platymops* Thomas, Ann. Mag. nat. Hist., ser. 7, 17 (101): 499. Type species: *Platymops Macmillani* Thomas, 1906 (= *Mormopterus setiger* Peters, 1878). Publication date: 1 May 1906.

Taxonomy:

Considered a subgenus of *Mormopterus* by Koopman (1993a: 238), Czaplewski *et al.* (2003b: 68), but a valid genus by Kock (1969: 155),

Simmons (2005).

Included in *Mormopterus* by Jacobs and Fenton (2002: 1).

Platymops setiger (Peters, 1878)

- *1878. *Mormopterus setiger* Peters, Monatsb. K. preuss. Akad. Wiss. Berlin, p. 196. Type locality: Kenya: Taita, Ndi. - Allen (1939a: 109) mentioned 1881; Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 483, pl., fig. 3
1960. *Platymops setiger*: Harrison and Fleetwood, Durban Mus. Novit., 5 (20): 269. Name combination.

Taxonomy:

See Freeman (1981: 133, 161). Formerly included in *Platyops* by Harrison and Fleetwood (1960: 277 - 278).

Common names:

English: East African Flat-headed Bat, Peters's Flat-headed Bat, Flat-headed free-tailed bat.
French: Sauromys à tête plate.

Conservation status:

Global- LR/lc assessed as *Mormopterus setiger* (Baillie and Groombridge 1996); DD ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004bf).

General distribution:

S Sudan, Ethiopia, Kenya.

Molecular biology:

DNA - Unknown.

Karyotype - Warner *et al.* (1974) reported $2n = 48$, FN = 54, and submetacentric X and Y chromosomes.

Protein / allozyme - Unknown.



Figure 124. Distribution of *Platymops setiger*

Distribution based on voucher specimens:
Ethiopia, Kenya, Sudan.

Platymops setiger macmillani Thomas, 1906

- *1906. *Platymops Macmillani* Thomas, Ann. Mag. Nat. Hist., ser. 7, 17 (101): 500. Type locality: Ethiopia: Between Addis Ababa and Lake Rudolf. Type specimen: BMNH 1906.11.1.10 (ad M, skull and alcoholic, collected by Ph.C. Zaphiro, presented by W.N. McMillan, Esq.; 7 specimens). Publication date: 1 May 1906.
1956. *Platymops barbatogularis* Harrison, Ann. Mag. nat. Hist., ser. 12, 9 (104): 549. Type locality: Sudan: SE Sudan, Ilemi triangle, Lokomarinyang Marsh [05 02 N 35 33 E]. Type specimen: BMNH 1967.1232 (ad. M, skin and skull, collected by John G. Williams collection date 10 June 1953, formerly HZM 2.1897). BMNH 1957.258 (skin label indicates it as a Paratype, not in the type drawer). Publication date: 18 December 1956. (Evenhuis (2003: 54) indicates that ser. 12, 9 (104) is the "August 1956" issue which was published on "18 December 1956").
1960. *Platymops barbatogularis parkeri* Harrison and Fleetwood, Durban Mus. Novit., 5 (20): 269. Type locality: Kenya: Lualeni borehole, Maktau. Type specimen: BMNH 1959.524 (ad. F, skin and skull, collector: Ian Parker, collection date: 12 February 1958).
- ? *Platymops setiger macmillani*: Name combination.

Taxonomy:

Kock (1969: 155) considers *barbatobularis* to be a synonym of *macmillani*.

Etymology of name:

In honour of Mr. W.N. McMillan, to whose liberality science is indebted for the exploration of which it is part of the outcome (see Thomas, 1906c: 501).

Platymops setiger setiger (Peters, 1878)

- *1878. *Mormopterus setiger* Peters, Monatsb. k. preuss. Akad. Wiss. Berlin, p. 196. Type locality: Kenya: Taita. Allen (1939a: 109) mentioned 1881; Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 483, pl., fig. 3
- ? *Platymops setiger setiger*: Name combination.

Genus **Sauromys** Roberts, 1917

1917. *Platymops* Roberts, Ann. Transv. Mus., 6: 5. Type species: *Platymops (Sauromys) petrophylus* Roberts, 1917. Publication date: 28 June 1917. Not of Thomas, 1906.
1917. *Sauromys* Roberts, Ann. Transv. Mus., 6: 5. Type species: *Platymops (Sauromys) haagneri* Roberts, 1917 (= *Platymops petrophilus* Roberts, 1917). Publication date: 28 June 1917. As a subgenus of *Platymops* Thomas, 1906.

Taxonomy:

Bronner *et al.* (2003) state that the status of *Sauromys*, described as a monotypic subgenus of the extralimital *Platymops* for the South African flat-headed free-tailed bat, remains unclear. Peterson (1965) raised it to generic rank, a treatment endorsed by many subsequent authors, and corroborated by a limited multivariate analysis of wing bone and cranial characteristics (Peterson 1985). However, morphometric studies by Freeman (1981) and Legendre (1984) concluded that it is a subgenus of *Mormopterus*, a position followed by Koopman (1993, 1994), and Jacobs and Fenton (2002: 1). Simmons (2005) retains *Sauromys* as a valid genus in the new Mammal Species of the World (3rd Edition), a treatment we favour because of the unique ecology and morphology of *S. petrophilus*.

Meester *et al.* (1986) also state that originally described as a subgenus, this genus was regarded as a synonym of *Platymops* by Shortridge (1942), Roberts (1951) and Ellerman *et al.* (1953). Harrison (1962) retains it as a subgenus, while Peterson (1965) raises it to generic rank, in which he is followed by Hayman and Hill (1971), Smithers (1971), Corbet and Hill (1980) and Rautenbach (1982). However, Freeman (1981), followed by Honacki *et al.* (1982) and Legendre (1984), conclude that both *Sauromys* and *Platymops* are subgenera of *Mormopterus*. We take the view that both *Platymops* and *Sauromys* are valid genera.

Generic and species classification of African flat-headed molossid is unclear. Roberts (1917) originally described *Sauromys* as a subgenus of *Platymops*. Later Roberts (1951, 1954) dropped *Sauromys* as a subgenus, as Shortridge (1942),

reported that a minute upper premolar was found on the type *Platymops macmillani* Thomas 1906. Peterson (1965) indicates that the minute premolar on the type *P. macmillani* is probably a milk premolar and that normal adult dental formula should be considered as having only one upper premolar. For this reason and others (e.g. glands not on wings) Peterson (1965) raises *Sauromys* to generic status. Koopman (1975) indicates that *Sauromys* is a subgenus within *Tadarida*, however Freeman (1981) found that all the so-called flat-headed bats; *Sauromys*, *Platymops*, and *Neoplatymops*, are phenetically related to *Mormopterus*. While the phenogram in Freeman (1981) also indicates that *Tadarida aegyptiaca* (E. Geoffroy 1818) and *T. brasiliensis* (L. Geoffroy St.-Hilaire 1824) are phonetically similar to *Mormopterus*, this grouping is explained due to convergence of shape due to similar life styles (Freeman 1981). Meester *et al.* (1986) did not follow Freeman (1981) and rather followed Peterson (1965) recognizing *Sauromys*, *Mormopterus* and *Platymops* as valid genera. While Koopman (1993a) followed Freeman (1981) in classifying *Sauromys* and *Platymops* as subgenera in the genus *Mormopterus*. Simmons (2005) recognizes *Sauromys* as a distinct genus.

Peterson (1965) suggests that a detailed comparison between *Sauromys* and *Tadarida* needs to be examined, including specific status and geographic variation.

Etymology of name:

From Greek "*sauros*" meaning lizard and "*mys*" meaning mouse (see Jacobs and Fenton, 2002: 1).

Sauromys petrophilus (Roberts, 1917)

- *1917. *Platymops (Sauromys) petrophilus* Roberts, Ann. Transv. Mus., 6: 4. Type locality: Republic of South Africa: Western Transvaal, near Rustenburg, Bleskop. Publication date: 28 June 1917.
- ? *Sauromys petrophilus*: Name combination.

Taxonomy:

Roberts (1951, 1954) recognised two species and five subspecies of flat-headed bats in southern Africa *Platymops haagneri* Roberts 1917 (*haagneri*, *umbratus* Shortridge and Carter 1938) and *Platymops petrophilus* Roberts 1917 (*petrophilus*, *erongensis* Roberts 1946, *fitsimonsi* Roberts 1946). Ellerman *et al.* (1953) suggested that the two species are conspecific, and rather recognized five subspecies of *Platymops petrophilus* (*petrophilus*, *haagneri*, *umbratus*, *erongensis* and *fitsimonsi*). Meester *et al.* (1986) also recognized the five subspecies suggested by Ellerman *et al.* (1953) for *petrophilus* but within the genus *Sauromys*, following Peterson (1965: 12). Freeman (1981) indicates that *erongensis* (Roberts 1946) may be a synonymy of *haagneri* (Roberts 1917) and *fitsimonsi* (Roberts 1946) is possibly a synonym of *umbratus* (Shortridge and Carter 1938). Included in *Mormopterus* by Jacobs and Fenton (2002: 1). Jacobs and Fenton (2002: 1) considered *M. petrophilus* to be monotypic.

Common names: Afrikaans: Platkop-losstertvlermuis. English: Rock-loving Flat-headed Bat, Rock-dwelling Flat-headed Bat, Roberts' Flat-headed Bat, Flat-headed Free-tailed Bat. French: Sauromys de Roberts. Portuguese: Morcego de cabeça curta.

Etymology of name:

From the Greek "*petros*" meaning rock and "*philos*" meaning loving.

Palaeontological / archaeological records:

No fossils are known (Jacobs and Fenton 2002: 1).

Conservation status:

Global- LR/lc assessed as *Mormopterus petrophilus* (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004bh).
Regional- South Africa- LC ver 3.1 (2001) (Friedmann and Daly 2004).

Distribution:

South Africa, Namibia, Botswana, Zimbabwe, Mozambique, perhaps Ghana. The Ghanaian specimen should be in the USNM (see Meester *et al.*, 1986), but Jacobs and Fenton (2002: 2)

indicate that this animal could not be located in the collection.

Geographic variation:
Unknown.

General description of external morphology:
See Jacobs and Fenton (2002).

General description of cranial and dental morphology:
See Jacobs and Fenton (2002).

Detailed morphology:
For a description of the crania, ears and tragus, and wingshape and aspect ratio see Jacobs and Fenton (2002).

Functional morphology:
Unknown.

Sexual dimorphism:
Unknown.

Echolocation:
See Jacobs and Fenton (2002).

Molecular biology:
DNA - Unknown.
Karyotype - Rautenbach *et al.* (1993) reported $2n = 48$, FN = 62, BA = 16, a submetacentric X chromosome, and an acrocentric Y chromosome for specimens from Namibia and South Africa. However, this did not include specimens from the Western Cape that Rautenbach *et al.* (1993) included with *Chaerephon pumilus*, but have subsequently been reidentified as *S. petrophilus* (Jacobs and Fenton, 2001).
Protein / allozyme - Unknown.

Habitat:
See Jacobs and Fenton (2002).

Habits:
See Jacobs and Fenton (2002).

Roost:
See Jacobs and Fenton (2002).

Migration:
Unknown.

Diet:
See Jacobs and Fenton (2002).

Unknown.

Predators:
Unknown.

Anthropophilous:
Unknown.

Population:
Structure and density - See Jacobs and Fenton (2002).

Life-span:
Unknown.

Activity and behaviour:
See Jacobs and Fenton (2002).

Reproduction and ontogeny:
See Jacobs and Fenton (2002).

Mating:
Unknown.

Post-natal development:
Unknown.

Parasites:
Unknown.

Viruses:
Unknown.

Utilization:



Figure 125. Distribution of *Sauromys petrophilus*

Distribution based on voucher specimens:
Botswana, Mozambique, Namibia, South Africa,
Zimbabwe.

Sauromys petrophilus erongensis (Roberts, 1946)

- *1946. *Platymops petrophilus erongensis* Roberts, Ann. Transv. Mus., 20: 308. Type locality: Namibia: Damaraland, Omaruru District, Eronga Mountain, Ombu Farm (Roberts (1951: 103): "Ombu Farm, Eronga Mountain, Omaruru district, S.W. Africa").
- ? *Sauromys petrophilus erongensis*: Name combination.

Etymology of name: type specimen was collected.
Referring to the Eronga mountains, where the

Sauromys petrophilus haagneri (Roberts, 1917)

- *1917. *Platymops (Sauromys) haagneri* Roberts, Ann. Transv. Mus., 6: 5. Type locality: Namibia: Great Namaqualand, Keetmanshoop. Publication date: 28 June 1917.
- ? *Sauromys haagneri*: Name combination.
- ? *Sauromys petrophilus haagneri*: Name combination.

Common names: Haagner's Flat-headed Bat.
Afrikaans: Haagnerse Platkopvlermuis. English:

Sauromys petrophilus petrophilus (Roberts, 1917)

- *1917. *Platymops (Sauromys) petrophilus* Roberts, Ann. Transv. Mus., 6: 4. Type locality: Republic of South Africa: Western Transvaal, near Rustenburg, Bleskop. Publication date: 28 June 1917.
- ? *Sauromys petrophilus petrophilus*: Name combination.

Sauromys petrophilus umbratus (Shortridge & Carter, 1938)

- *1938. *Platymops haagneri umbratus* Shortridge and Carter, Ann. S. Afr. Mus., 32: 282. Type locality: Republic of South Africa: Western Cape Province, 11 mi [=18 km] NE Clanwilliam, Pakhuis Pass, Kliphuis.
- 1946. *Platymops petrophilus fitzsimonsi* Roberts, Ann. Transv. Mus., 20: 308. Type locality: Republic of South Africa: SW Cape Province, near Ceres, Mitchell's Pass.
- ? *Sauromys petrophilus umbratus*: Name combination.

Genus *Tadarida* Rafinesque, 1814

- *1814. *Tadarida* Rafinesque, Précis des découvertes et travaux somnologiques, p. 55. Type species: *Cephalotes teniotis* Rafinesque, 1814.
1821. *Nyctinomes* Gray, London Med. Repos., 15: 299. Publication date: 1 April 1821.
1821. *Nyctinoma* Bowdich, Analysis of the Natural Classification of Mammalia: xx.
1822. *Nyctinomia* Fleming, The Philosophy of Zoology, 2: 178.
1825. *Dinops* Savi, Nuov. Giorn. Letter. Pisa, Sci., 10: 229. Type species: *Dinops cestoni* Savi, 1824 (= *Cephalotes teniotis* Rafinesque, 1814).
1830. *Dysopes* Cretzschmar, in Rüppell, Atlas Reise Nördl. Afr., Zool. Säugeth., 69. Not of Illiger, 1811. Publication date 1830-1831.
1995. *Dynops* Pavlinov, Borissenko, Kruskop and Jahontov, Arch. Zool. Mus., Moscow State Univ., 133: xx.

Taxonomy:

Formerly included *Chaerephon*, *Mops*, *Mormopterus*, and *Nyctinomops*; see Freeman (1981: 133). Includes *Rhizomops*, but see Legendre (1984); see also Owen *et al.* (1990). Mahoney and Walton (1988) regarded *Nyctinopus* as the prior name for this genus.

Etymology of name:

Meaning unknown (Flannery, 1990: 366). Possibly from the Greek "*data*" or Latin "*taeda*" and "*nukterida*" (see Kozhurina, 2002: 18). Braun and Mares (1995: 182) refer to Gotch (1979), who states this is a word created by C.S. Rafinesque.

Common names:

English: Guano Bats, Free-tailed Bats, Tadarine Bats.

Tadarida aegyptiaca (E. Geoffroy St.-Hilaire, 1818)

- *1818. *Nyctinomus aegyptiacus* E. Geoffroy Saint-Hilaire, Descrip. de l'Egypte, 2: 128, pl. 2, No 2. Type locality: Egypt: Giza (Restricted from "Egypt" to Giza by Koopman (1975: 422); see Qumsiyeh (1985: 73), Meester *et al.* (1986: 70)). Type specimen: MNHN A.467 (ad M, alcoholic and skull). Publication date: 1818.
- ? *Tadarida aegyptiaca*: Name combination.

Taxonomy:

Includes *tragata*; see Corbet (1978c: 63) and Freeman (1981: 165).

General distribution:

South Africa (over Namibia, Botswana, Zimbabwe, Zambia (Cotterill, 2004: 260)) to Nigeria, Morocco (Benda *et al.*, 2004), Algeria, and Egypt; Eritrea (Lavrenchenko *et al.* (2004: 132), Ethiopia to Saudi Arabia, Yemen and Oman, east over S Iran, Afghanistan and Pakistan to India and Sri Lanka.

Common names:

Afrikaans: Egiptiese losstertvlermuis. English: Egyptian Free-tailed Bat, Egyptian Guano Bat. French: Tadaride d'Egypte, Molosse d'Egypte. Portuguese: Morcego de cauda livre do egipto.

Echolocation:

See Taylor (1999).

Etymology of name:

The original specimens were collected in Egypt during the Napoleonic wars by E. Geoffroy Saint-Hilaire, who at that time served under Napoleon (see Taylor 2005).

Molecular biology:

DNA - Unknown.
Karyotype - Both Nagorsen *et al.* (1976) and Rautenbach *et al.* (1993) reported $2n = 48$ and an acrocentric Y chromosome. However, while Nagorsen *et al.* (1976) reported FN = 54, BA = 8, and a submetacentric X chromosome, Rautenbach *et al.* (1993) reported FN = 68, BA = 22, and a metacentric X chromosome, for specimens from Namibia and South Africa.
Protein / allozyme - Unknown.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004bg).
Regional- South Africa- LC ver 3.1 (2001) (Friedmann and Daly 2004).



Distribution based on voucher specimens:
 "Africa", Botswana, Cameroon, Egypt,
 Mozambique, Namibia, South Africa, Swaziland,
 Zimbabwe.

Figure 126. Distribution of *Tadarida aegyptiaca*

Tadarida aegyptiaca aegyptiaca (E. Geoffroy St.-Hilaire, 1818)

- *1818. *Nyctinomus aegyptiacus* E. Geoffroy Saint-Hilaire, Descrip. de l'Egypte, 2: 128, pl. 2, No 2. Type locality: Egypt: Giza (Restricted from "Egypt" to Giza by Koopman (1975: 422): see Qumsiyeh (1985: 73), Meester *et al.* (1986: 70)). Type specimen: MNHN A.467 (ad M, alcoholic and skull). Publication date: 1818.
- 1827. *Dysopes geoffroyi* Temminck, Monogr. Mamm., 1: 226, pls 19, 23. Publication date: 1827. Allen (1939a: 110), Qumsiyeh (1985: 73) mentioned 1827. Kock (1969: 137), Meester *et al.* (1986: 70) mention 1826. Substitute for *aegyptiacus* E. Geoffroy St. Hilaire (see Kock, 1969: 137; Qumsiyeh 1985: 73; Meester *et al.*, 1986: 70).
- 1877. *Dysopes talpinus* Heuglin, Reise in Nordost Afrika, 2: 28. Type locality: Sudan: Bahr-el-Ghazal Province, west bank of Bahr el Jebel, Kidj District. Publication date: 1877.
- 1916. *Nyctinomus (Nyctinomus) tongaënsis* Wettstein, Anz. K. Akad. Wiss., Wien, math.-nat. Kl., 53: 192. Type locality: Sudan: Upper White Nile, Tonga. Publication date: 1916.
- ? *Tadarida aegyptiaca aegyptiaca*: Name combination.
- ? *tongaensis*: Current spelling.

General distribution:

Arabia, N Africa (Horáček *et al.*, 2000: 136).

Tadarida aegyptiaca bocagei (Seabra, 1900)

- 1900. *Nyctinomus anchietae* Seabra, J. Sci. mat. phys. nat., Lisboa, ser. 2, 6: 82. Type locality: Angola: W Angola, Quibula. Publication date: August 1900.
- *1900. *Nyctinomus bocagei* Seabra, J. Sci. mat. phys. nat., Lisboa, ser. 2, 6: 84. Type locality: Angola: W Angola, East of Hanha, Galanga. Publication date: August 1900.
- 1900. *Nyctinomus brunneus* Seabra, J. Sci. mat. phys. nat., Lisboa, ser. 2, 6: 83. Type locality: Angola: NE of Benguela, Quissange. Publication date: August 1900.
- ? *Tadarida aegyptiaca bocagei*: Name combination.

Taxonomy:

If page precedence is to be taken into account, *anchietae* might be the senior synonym for this form.

Common names:

Afrikaans: Bocagese Losstertvlermuis. English: Bocage's Free-tailed Bat.

General distribution: *al.*, 2000: 136).
Angola and Zambia to South Africa (Horáček *et*

Tadarida fulminans (Thomas, 1903)

- *1903. *Nyctinomus fulminans* Thomas, Ann. Mag. nat. Hist., ser. 7, 12 (71): 501. Type locality: Madagascar: Eastern Betsileo; Fianarantsoa. Type specimen: BMNH 1882.3.1.34 (M, alcoholic and skull; collector Reverend W. Deans Cowan original number: 4). Publication date: 1 November 1903.
- 1946. *Nyctinomus mastersoni* Roberts, Ann. Transv. Mus., 20: 306. Type locality: Zimbabwe: Bindura district, Masemura Nature Reserve, Chikupu caves. Type specimen: TM 9976 (ad M, skin and skull, collector: H.B. Masterson collection date: 10 July 1945)
- 2004. *Tadarida fulmilans*: Goodman and Cardiff, Acta Chiropt., 6 (2): 227. Lapsus.
- ? *Tadarida fulminans*: Name combination.

Taxonomy:

See Simmons (2005).

Common names:

Afrikaans: Madagaskarse grootlosstertvlermuis.
English: Large free-tailed Bat, Lightning Guano Bat, Large Guano Bat, Madagascar Large Guano Bat, Madagascar Large Free-tailed Bat, Madagascar Free-tailed Bat, Madagascar Large Free-tailed Bat. French: Grande Tadaride de Madagascar, Molosse de Madagascar.

Etymology of name:

From the Latin "*fulminate*" meaning strike with lightning.

The colloquial name refers to the island where the species occurs.

Conservation status:

Global- LR/nt (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Cotterill 2004b).

Regional- South Africa- Indeterminate (Smithers 1986); considered a vagrant not assessed, due to known form single locality (Friedmann and Daly 2004).

General distribution:

E Democratic Republic of the Congo, Rwanda, Kenya, Tanzania, Zambia, Malawi, Zimbabwe, Transvaal (South Africa), Madagascar.

Echolocation:

See Taylor (1999).

Molecular biology:

DNA - Unknown.

Karyotypic - Peterson and Nagorsen (1975) reported $2n = 48$, FN = 54, BA = 8, a submetacentric X chromosome, and an acrocentric Y chromosome, for specimens from Zimbabwe.

Protein / allozyme - Unknown.



Figure 127. Distribution of *Tadarida fulminans*

Distribution based on voucher specimens: Kenya, Madagascar, Namibia, Rwanda, [South Africa](#), [Zimbabwe](#).

Tadarida lobata (Thomas, 1891)

- *1891. *Nyctinomus lobatus* Thomas, Ann. Mag. Nat. Hist., ser. 6, 7 (39): 303. Type locality: Kenya: West Pokot, Turkwell Gorge. Type specimen: BMNH 1893.2.3.7 (Holotype). Publication date: 1 March 1891.
- ? *Tadarida lobata*: Name combination.

Taxonomy:

See Simmons (2005).

Common names:

Afrikaans: Grootoor-losstervlermuis. English: Big-eared Guano Bat, Big-eared Kenyan Guano Bat, Kenyan Big-eared Free-tailed Bat, Big-eared Free-tailed Bat, Big-eared Kenya Free-tailed Bat, Eastern Africa free-tailed bat. French: Tadaride de l'Afrique orientale, Molosse à grandes oreilles.

Etymology of name:

From "*lobata*" meaning lobed.

The colloquial name perhaps refers to the country from which the species was originally described (see Taylor 2005).

Conservation status:

Global- VU (Baillie and Groombridge 1996); DD ver 3.1 (2001) (IUCN 2004; Cotterill 2004e).

General distribution:

Kenya, Zimbabwe.



Figure 128. Distribution of *Tadarida lobata*

Distribution based on voucher specimens:
Kenya, Tanzania, Zimbabwe.

Tadarida teniotis (Rafinesque, 1814)

- *1814. *Cephalotes teniotis* Rafinesque, Précis des découvertes et travaux somnologiques, p. 12, 55. Type locality: Italy: Sicily.
1825. *Dinops Cestonii* Savi, Nuov. Giorn. Letter. Pisa, Sci., 10: 230. Type locality: Italy: Pisa. Type specimen: ZFMK 83.173 (syntype, M, alcoholic, on label: "Nyctinomus cestonii (Savi) Dobson (In der Sammlg. Von Berthold als Dysops Savii angegeben) Prof. Savi ded. 1846 Toscana"; ex Göttingen Museun 1978: see Hutterer (1984: 32)
1827. *Dysopes rüPELLII* Temminck, Monogr. Mamm., 1: 224, pl. 18. Type locality: Egypt: Cairo (Restricted from "Egypt" to Cairo by Qumsiyeh (1985: 71)). Publication date: 1827. Incorrect original spelling (*rüPELLII*) corrected by Qumsiyeh (1985: 71) as *ruePELLII*.
1840. *Dysopes Savii* Schinz, Syst. Verz. Säugeth., 1: 138.
1891. *Nyctinomus taeniotis* Thomas, Proc. zool. Soc. Lond., 1891, II: 182. Lapsus.
1897. *midas* Schulze, Helios, Berlin, 14: 95. Preoccupied by *midas* Sundevall, 1843 (See Pavlinov *et al.*, 1995: 91).
1914. *Cephalotes taeniotis*: Cabrera, Fauna Ibérica: 145. Lapsus.
1985. *ruePELLII* Qumsiyeh, Spec. Publ. Mus. Texas Tech. Univ., 23: 71. Emendation of *rüPELLII* Temminck, 1827.
- ? *Tadarida teniotis ruePELLII*: Name combination.
- ? *Tadarida teniotis*: Name combination.

Taxonomy:

Revised by Aellen (1966) and Kock and Nader (1984).

Conservation status:

Global- LR: lc.

Common names:

Basque: Saguzar buztanluzea. Catalanian: Rat penat cuallarg. Dutch: Zuideuropese bulvleermuis, Bulveermuis. English: European Free-tailed Bat, European Guano Bat, Striped or Banded Guano Bat, Wrinkle-lipped Bat, Eurasian Free-tailed Bat. French: Molosse de Cestoni, Tadaride d'Europe, Molosse d'Europe, Tadaride de Cestoni. Gallician: Morcego rabudo. German: Bulldoggfledermaus. Italian: Molosso di Cestoni. Roman: Moloss Buldoc. Spanish (Castilian): Murciélago rabudo. Portuguese: Morcego-rabudo.

General distribution:

France, Portugal, S Switzerland, SW Germany, Italy, S Dalmatia (Croatia), S Serbia, Albania, Macedonia, Greece, Mediterranean isls., Caucasus, S Asia-Transcaucasia, Turkey, Syria, Lebanon, Israel, Jordan, W Saudi Arabia, Iraq, Iran, S Turkmenistan, S Kazakhstan, Uzbekistan, Kirghizia, Tadjikistan, and Morocco, N Algeria (Horáček *et al.*, 2000: 136), Tunisia (Horáček *et al.*, 2000: 136), N Libya (Horáček *et al.*, 2000: 136), N Egypt; to Japan, S China, and Taiwan; Madeira (Portugal) and Canary Isls (Spain); Afghanistan, Pakistan (?), NE India, NE Thailand; Flores.

Etymology of name:

From the Greek "*teniotis*" meaning striped, banded.

Tadarida ventralis (Heuglin, 1861)

- *1861. *Nyctinomus (Dysopes) ventralis* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 29 (8): 4, 11. Type locality: Eritrea: Kérén [c 15 45 N 38 20 E]. Publication date: 1861.
1862. *Nyctinomus ventralis*: Heuglin, Peterm. geogr. Mitth., 8: 26. Name combination.
1876. *Nyctinomus africanus* Dobson, Ann. Mag. Nat. Hist., ser. 4, 17 (101): 348. Type locality: Republic of South Africa: Transvaal. Type specimen: BMNH 1875.11.19.1 (M, presented by R.B. Sharp). Publication date: 1 May 1876.
1877. *Nyctinomus cestoni* Dobson, Proc. zool. Soc. Lond., 1876, IV: 719. Publication date: April 1877. Not of Savi, 1825. In part (see Kock, 1975: 6).
1877. *Dysopes ventralis*: Heuglin, Reise in Nordost-Afrika, II: 26. Name combination.
1891. *N(yctinomus) taeniotis* Thomas, Proc. zool. Soc. Lond, 1891, II: 183. Publication date: August 1891. Not of Rafinesque, 1814. See Kock (1975: 7).
1901. *N(yctinomus) midas* de Winton, Ann. Mag. nat. Hist., ser. 7, 7 (37): 42. Publication date: 1 January 1901. Not of Sundeval. In part. See Kock (1975: 7).
1928. *Mops ventralis*: Thomas, Ann. Mag. nat. Hist., ser. 10, 1 (2): 302. Publication date: 2 February 1928. Name combination.
1939. *Mops rüppellii* Allen, Bull. Mus. comp. Zool., 83: 108. Not of Temminck, 1827. In part. See Kock (1975: 7).
1951. *Tadarida africana*: Roberts, Mammals of Southern Africa: 101. Name combination.
1953. *Tadarida (Tadarida) africana*: Ellerman, Morrison-Scott and Hayman, Southern African mammals: 66. Name combination.
1974. *Tadarida (Tadarida) ventralis*: Largen, Kock and Yalden, Mon. Zool. ital., (N.S.) 16 (Suppl. 5): 253. Name combination.
- ? *Tadarida ventralis*: Name combination.

Taxonomy:

For use of this name in place of *africana*, see Kock (1975).

Common names:

Afrikaans: Transvaalse losstertvlermuis, Reuse losstertvlermuis. English: Giant Guano Bat, Giant African Guano Bat, African Giant Free-tailed Bat, Transvaal Free-tailed Bat. French: Tadaride géante d'Afrique, Molosse géant. Portuguese: Morcego gigante de cauda livre.

Conservation status:

Global- LR/nt (Baillie and Groombridge 1996); NT ver 3.1 (2001) (IUCN 2004; Mickleburgh *et al.*, 2004av).

Regional- South Africa- Indeterminate (Smithers 1986); considered a vagrant not assessed, known from single locality (Friedmann and Daly 2004).

General distribution:

Eritrea (Ethiopia?) to South Africa (incl. Malawi (Ansell and Dowsett, 1988: 46), Zimbabwe (Cotterill, 2004: 260)).

Echolocation:

See Taylor *et al.*, (2005).

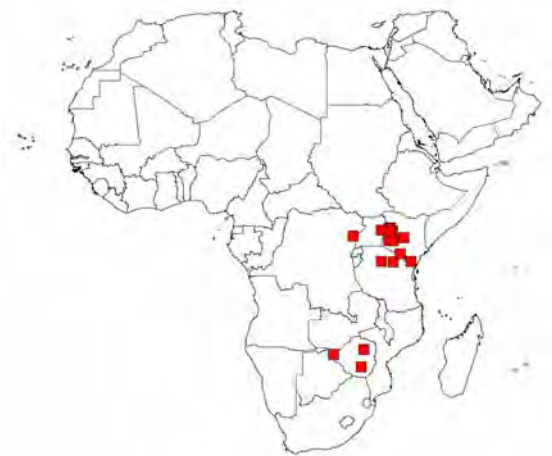


Figure 129. Distribution of *Tadarida ventralis*

Distribution based on voucher specimens: Congo (Democratic Republic of the), Kenya, South Africa, Tanzania, Zimbabwe.

Superfamily VESPERTILIONOIDEA Gray, 1821

- *1821. *Vespertilionoidea* Gray, London Med. Repos., 15: 299. Publication date: 1 April 1821.

Family MINIOPTERIDAE Dobson, 1875

- *1875. *Miniopteridae* Dobson, Ann. Mag. nat. Hist., ser. 4, 16 (95): 348. Type genus: *Miniopterus* Bonaparte, 1837. Publication date: 1 November 1875.

Taxonomy:

Bannikova *et al.* (2002: 722) indicate that the Miniopterinae do not deserve the rank of independent family (as did Koopman, 1984, 1993a, 1994; Yoshiyuki, 1989; Corbet and Hill, 1992; McKenna and Bell, 1997), but see Hooper and Van Den Bussche (2003: 13) who make a strong case for attributing family rank. They

follow Mein and Tupinier (1977), Gopalakrishna and Karim (1980), Gopalakrishna and Chari (1983), Tiunov (1989), Pierson (1986).

Common names:

English: Long-fingered Bats

Genus *Miniopterus* Bonaparte, 1837

- *1837. *Miniopterus* Bonaparte, Iconogr. Fauna ital., 1, fasc. 20. Type species: *Vespertilio ursinii* Bonaparte, 1837 (= *Vespertilio schreibersii* Kuhl, 1817).
 1866. *Miniopterus* Gray, Ann. Mag. nat. Hist., ser. 3, 17 (98): 91. Publication date: 1 February 1866. Variant spelling (Meester *et al.*, 1986: 45).
 1892. *Minyopterus* Winge, Jordfundne og nulevende Flagermus (Chiroptera) fra Lagoa Santa, Minas Gerais, Brasilien: 36. Variant spelling (Meester *et al.*, 1986: 45).
 1900. *Minneopterus* Lampe, Jahrb. Nassau Ver. Naturkunde, 53: Cat. Säugeth.-Sammlung, p. 12. Publication date: 1900. Lapsus (see Allen, 1939a: 102; Meester *et al.*, 1986: 45).

Taxonomy:

Reviewed (in part) by Peterson (1981). See Goodwin (1979: 119), Maeda (1982), and Hill (1983). All have come to very different conclusions. Molecular systematics and biogeography is discussed by Appleton *et al.* (2004); their DNA data (p. 437) suggest that the number of species currently recognized (11 or 13) is a gross underestimate.

Common names:

English: Long-fingered Bats, Bent-winged Bats.

Distribution based on voucher specimens:

"Africa", Algeria, Comoro Islands, Madagascar, Mozambique, Namibia, South Africa, Tanzania, Tunisia.

Etymology of name:

From Greek "*minos*" or "*minuos*" and "*pteros*" for small wing (Flannery, 1995: 374, Kozhurina, 2002: 16).

Miniopterus africanus Sanborn, 1936

- *1936. *Miniopterus africanus* Sanborn, Field Mus. Nat. Hist., Zool. ser., 20: 111. Type locality: Ethiopia: Shoa. Type specimen: FMNH 28769. Publication date: 15 August 1936.

Taxonomy:

Included in *inflatus* by Koopman (1993a: 230), but considered a valid species by Peterson *et al.* (1995: 120), Lavrenchenko *et al.* (2004: 132), Simmons (2005).

Common names:

English: African Long-fingered Bat.

Karyotype:

Unknown.

Conservation status:

Global- LC ver 3.1 (2001) (IUCN 2004; Schlitter 2004h).

General distribution:

Kenya, Ethiopia, Eritrea, Tanzania, Botswana, Namibia.

Distribution based on voucher specimens:

Ethiopia.

Miniopterus fraterculus Thomas and Schwann, 1906

- *1906. *Miniopterus fraterculus* Thomas and Schwann, Proc. zool. Soc. Lond., 1906, I: 162. Type locality: Republic of South Africa: Southern Cape Province, Knysna. Type specimen: BMNH 1905.5.7.18 (ad M, skin and skull, collector: Mr. C.H.B. Grant, collection date 3 October 1905, original number 1073: see Thomas and Schwann 1906: 162). Publication date: 7 June 1906.

Taxonomy:

Meester *et al.* (1986) state that Harrison and Clancey (1952) and Harrison (1953) have demonstrated that Ellerman *et al.* (1953) are mistaken in regarding *fraterculus* as a synonym of *M. schreibersii natalensis*. Koopman (1966) regards *fraterculus* instead as a subspecies of the extralimital (to southern Africa) *M. minor* Peters, 1867, but Hayman and Hill (1971) disagree. Corbet and Hill (1980) retain *fraterculus* as species, as do Swanepoel *et al.* (1980) and Honacki *et al.* (1982).



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Figure 130. *Miniopterus fraterculus*

Common names:

Afrikaans: Klein grotvlermuis. English: Lesser Long-fingered Bat, Black Clinging Bat, Lesser bent-winged bat. French: Petit minioptère. Portuguese: Morcego pequeno de dedos compridos. SiSwati- Lilulwane.

Karyotypic:

Rautenbach *et al.*, (1993) described the karyotype as having a diploid number $2n=46$, $aFN=50$, $BA=6$, $X=SM$, $Y=A$.

Conservation status:

Global- EN (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Schlitter 2004g). Regional- South Africa- NT ver 3.1 (2001) (Friedmann and Daly 2004). Swaziland- NT B2ab(iv); D2 ver 3.1 (2001) (Monadjem *et al.*, 2003).

General distribution:

Cape Province, KwaZulu-Natal, and Transvaal (South Africa), Malawi, Zambia, Angola, Mozambique, Madagascar (see Russ *et al.*, 2001).



Figure 131. Distribution of *Miniopterus fraterculus*

Distribution based on voucher specimens:
 South Africa, Swaziland.

Miniopterus gleni Peterson, Eger and Mitchell, 1995

- *1995. *Miniopterus gleni* Peterson, Eger and Mitchell, Faune de Madagascar, Chiroptères, 84: 128. Type locality: Madagascar: 20 km S Tuléar, in a marine cave between Sarodrano and Saint-Augustin. Type specimen: ROM 42567 (ad M, skin and skull, collection date: 9 May 1967).

Taxonomy:
See Simmons (2005).

Conservation status:
Global- LR/nt ver 2.3 (1994).

Common names:
English: Glen's Long-fingered Bat.

Distribution:
Madagascar.

Karyotypic:
Unknown.

Distribution based on voucher specimens:
[Madagascar](#).

Miniopterus inflatus Thomas, 1903

- *1903. *Miniopterus inflatus* Thomas, Ann. Mag. nat. Hist., ser. 7, 12 (72): 634. Type locality: Cameroon: Efulen. Type specimen: BMNH 1903.2.4.8 (ad M, skin, collector: Mr. G.L. Bates, collection date: 24 July 1901). Publication date: 1 December 1903.

Taxonomy:

Koopman (1993a: 230) included *africanus*, but see Peterson *et al.* (1995: 120), Simmons (2005).

Common names:

Afrikaans: Groot grotvlermuis. English: Greater Long-fingered Bat, High-crowned bat. French: Minioptère, Minioptère à couronne, Grand minioptère. Portuguese: Morcego grande de dedos compridos.

Karyotypic:

Ruedas *et al.* (1990) described the karyotype as having a diploid number of $2n=46$, $aFN=50$, $BA=6$, $X=M$, $Y=A$.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Schlitter 2004j).

General distribution:

Kenya, Uganda (see Kityo and Kerbis, 1996: 62), E and S Democratic Republic of the Congo, Cameroon, Gabon, Mozambique, Burundi, Liberia, Ethiopia, perhaps Nigeria. W African distribution uncertain because of confusion with *schreibersii*.



Figure 132. Distribution of *Miniopterus inflatus*

Distribution based on voucher specimens: Cameroon, Congo (Democratic Republic of the), Malawi, Zimbabwe.

Miniopterus inflatus inflatus Thomas, 1903

- *1903. *Miniopterus inflatus* Thomas, Ann. Mag. Nat. Hist., ser. 7, 12 (72): 634. Type locality: Cameroon: Efulen. Type specimen: BMNH 1903.2.4.8 (Holotype, ad M, collector: Mr. G.L. Bates, collection date: 24 July 1901). Publication date: 1 December 1903.
- ? *Miniopterus inflatus inflatus*: Name combination.

Miniopterus inflatus rufus Sanborn, 1936

- *1936. *Miniopterus rufus* Sanborn, Field Mus. Nat. Hist., Zool. ser., 20 (14): 112. Type locality: Democratic Republic of the Congo: Lualaba River, 40 mi (64 km) below Bukama, Katobwe [08 51 S 26 05 E]. Type specimen: FMNH 29416. Publication date: 15 August 1936.
- ? *Miniopterus inflatus rufus*: Name combination.

Miniopterus majori Thomas, 1906

- *1906. *Miniopterus Majori* Thomas, Ann. Mag. Nat. Hist., ser. 7, 17 (98): 175. Type locality: Madagascar: SE Betsileo, Imasindry [Sahamananina]. Type specimen: BMNH 1897.9.1.38 (Holotype, ad F, skin and skull, collector Dr. C.I. Forsyth Major, collection date 3 July 1895, original number 457). Publication date: 1 February 1906.
- ? *Miniopterus majori*: Current spelling.

Taxonomy:

Included in *schreibersii* by Koopman (1993a: 231), but considered a valid species by Peterson *et al.* (1995: 131), Hutson *et al.* (2001: 32), Russ *et al.* (2001), Simmons (2005).

Karyotypic:

Unknown.

Conservation status:

Global- DD ver 2.3 (1994).

Etymology of name:

In honour of Dr. C.I. Forsyth Major, collector of the type specimen (see Thomas 1906: 176)

General distribution:

Madagascar; Comoro Islands.

Common names:

English: Major Long-fingered Bat.

Distribution based on voucher specimens:

Madagascar.

Miniopterus manavi Thomas, 1906

- *1906. *Miniopterus manavi* Thomas, Ann. Mag. Nat. Hist., ser. 7, 17 (98): 176. Type locality: Madagascar: E/NE Betsileo, Fandriana region [20 17 S 47 31 E]. Type specimen: BMNH 1897.9.1.37 (Holotype, ad M, skin and skull, collector: Dr. C.I. Forsyth Major, collection date: 3 July 1895, original number 453: see Peterson *et al.*, 1995: 135). Publication date: 1 February 1906.
1959. *Miniopterus minor griveaudi* Harrison, Durban Mus. Novit., 5 (15): 192. Type locality: Comoro Islands: Grand Comoro. Type specimen: BMNH 1967.1231 (ad F, collector: Mr. Paul Griveaud, collection date: 10 August 1958, formerly HZM 3.2803, see Harrison 1959: 192). Peterson *et al.* (1995: 119) and Simmons (2005) state *griveaudi* might represent a valid species. Publication date: 30 April 1959.
1993. *Miniopterus minor grivaudi* Koopman, Mammal Species of the World: 231. Lapsus.

Taxonomy:

Included in *minor* by Koopman (1993a: 231), but considered a valid species by Peterson *et al.* (1995: 135), Hutson *et al.* (2001: 32), Russ *et al.* (2001), Simmons (2005).

Common names:

English: Manavi Long-fingered Bat.

Karyotypic:

Unknown.

Conservation status:

Global- DD ver 2.3 (1994).

Distribution:

Madagascar; Grand Comoro.

Distribution based on voucher specimens:

Comoro Islands, **Madagascar**.



Figure 133. Distribution of *Miniopterus manavi*

Miniopterus minor Peters, 1867

- *1867. *Miniopterus minor* Peters, Monatsb. K. preuss. Akad. Wiss. Berlin, p. 885 (for 1866).
Type locality: Tanzania: Coast opposite Zanzibar Island. - Publication date: 1867.
1889. *Miniopterus newtoni* Bocage, J. Sci. mat. Phys. Nat., Lisboa, ser. 2, 1 (3): 198. Type
locality: São Tomé and Príncipe: São Tomé island. Publication date: December 1889.
1992. *occidentalis* Juste and Ibáñez, ? (see Simmons 2005)

Taxonomy:

Koopman (1993a: 231) included *griveaudi* and *manavi*, but see Peterson *et al.* (1995: 119, 135) and Simmons (2005).

Etymology:

From the Latin "*minor*" meaning small.

Common names:

English: Least long-fingered bat. French: Minioptère minuscule.

Karyotypic:

Unknown.

Conservation status:

Global- LR/nt (Baillie and Groombridge 1996); NT ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004o).

Distribution:

Kenya, Tanzania, Democratic Republic of the Congo, Republic of the Congo, São Tomé Island.

Distribution based on voucher specimens:

Congo (Democratic Republic of the), Tanzania.

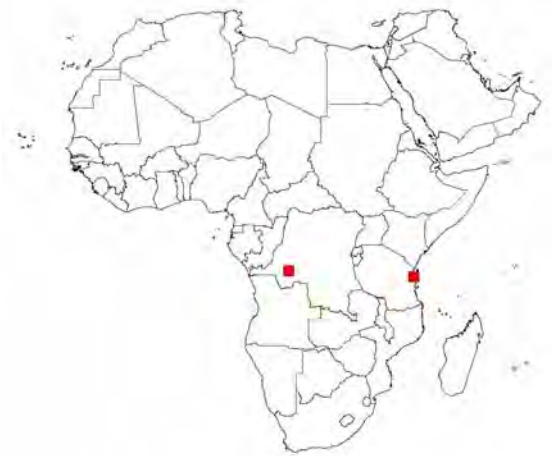


Figure 134. Distribution of *Miniopterus minor*

Miniopterus natalensis (A. Smith, 1833)

- *1833. *Vespertilio natalensis* A. Smith, S. Afr. Quart. J., ser. 2, 1 (2): 59. Type locality: Republic of South Africa: Natal, Durban (Meester *et al.* (1986: 46) state: "Durban nominated by Roberts (1951: 73)"). Type specimen: BMNH 1848.6.12.19 (cotype). Publication date: November 1833.
1840. *Vespertilio dasythrix* Temminck, Monogr. Mamm., 2: 268. Type locality: Republic of South Africa: Interior of Caffraria. Type specimen: RMNH 25093; BMNH 1849.8.16.25 (Holotype); BMNH 1848.6.12.19 (Holotype). The two holotype numbers still need clarification, but probably represent different accession numbers for the skin and the skull. Publication date: 1840.
1846. *Vespertilio scotinus* Sundevall, Öfvers. K. Svenska Vet.-Akad. Forh. Stockholm, 3 (4): 119. Type locality: Republic of South Africa: Caffraria, Durban (Originally "varius Caffrariæ locis allata"; Meester *et al.* (1986: 46) state: "Durban nominated by Roberts (1951: 74)"). Type specimen: BMNH 1846.6.2.19 (cotype). Publication date: 1846. Allen (1939a: 104), Meester *et al.* (1986: 46) mentioned the original name as "*Vesperugo scotinus*".
1909. *Miniopterus breyeri* Jameson, Ann. Mag. Nat. Hist., ser. 8, 4 (23): 471. Type locality: Republic of South Africa: N Transvaal, Waterberg district, Gat(s)koppies. Type specimen: BMNH 1909.7.2.6. Publication date: 1 November 1909.
1912. *Miniopterus natalensis arenarius* Heller, Smithson. Misc. Coll., 60 (12): 2. Type locality: Kenya: Central province, Nanyuki district, Northern Guaso Nyiro, Nyuki (=Nanyuki) river. Type specimen: USNM 181811. Publication date: 4 November 1912.
1917. *Miniopterus breyeri vicinior* J.A. Allen, Bull. Am. Mus. Nat. Hist., 37 (18): 450. Type locality: Democratic Republic of the Congo: NE Congo, Aba. Type specimen: AMNH 49019 (ad M, skin and skull, collector: Herbert Lang and James P. Chapin (American Museum Congo Expedition), collection date: 16 December 1911, original number 1770: see Allen, 1917: 450). Publication date: 29 September 1917.
1927. *Miniopterus smitianus* Thomas, Proc. zool. Soc. Lond., p. 373. Type locality: Namibia: E Damaraland, 40 mi (64 km) W of Gobabis, Witvlei. Type specimen: BMNH 1926.12.7.15. Publication date: 12 July 1927.
- ? *Miniopterus natalensis*: Name combination.
- ? *Vesperugo scotinus*: Name combination.

Taxonomy:

Considered a synonym of *schreibersii* by Koopman (1993a: 231). Might be a valid species according to Koopman (1994) in Horáček *et al.* (2000: 105). Considered a valid species by Simmons (2005).



Figure 135. *Miniopterus natalensis*

Common names:

English: Natal Long-fingered Bat, Natal Clinging

Bat. SiSwati- Lilulwane.

Palaeontological / archaeological records:

This species is present in the later half of the upper Pleistocene sequence and in the late Holocene at Border Cave, and probably at Nkupe during the middle and late Holocene (Avery 1991: 6).

Karyotypic:

M. schreibersii from Namibia and South Africa now assigned to *M. natalensis*, were karyotyped by Rautenbach *et al.*, (1993) who described the karyotype as having a diploid number of $2n=46$, $aFN=50$, $BA=6$, $X=SM$, $Y=A$.

Conservation status:

Global- NT ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004ai).

Regional- Swaziland- NT B2ab(iv); D2 ver 3.1 (2001) assessed as *M. schreibersii* (Monadjem *et al.*, 2003).

General distribution:

Sudan, Ethiopia (Lavrenchenko *et al.*, 2004: 132),

and SW Arabia southwards over Malawi (Ansell and Dowsett, 1988: 35) to South Africa.

Echolocation:
See Taylor (1999).

Distribution based on voucher specimens:
Botswana, Cameroon, Congo (Democratic Republic of the), Ethiopia, Guinea, Kenya, Lesotho, Malawi, Mozambique, Namibia, South Africa, Swaziland, Tanzania, Zambia, Zimbabwe.



Figure 136. Distribution of *Miniopterus natalensis*

Miniopterus schreibersii (Kuhl, 1817)

- *1817. *Vespertilio schreibersii* Kuhl, Die Deutschen Fledermäuse, Hanau, p. 14. Type locality: Romania: Mountains of S Ban(n)at, near Coronini, left bank of the Danube River, Kolumbács Cave [=Kulmbazer cave] [c 44 37 N 21 40 E].
1827. *Vespertilio Schreibersii* Lesson, Manuel de Mammalogie, p. 89. Lapsus.
1956. *Miniopterus inflatus villiersi* Aellen, Bull. IFAN, (A) 18: 890. Type locality: Guinea: Dalaba [Grotte du Marché] [10 42 N 12 15 W]. Type specimen: MHNG ? (ad M, collector: A. Villiers, collection date: 16 April 1954, original number 2839; former number IFAN: 54-1-1). Considered a valid subspecies by Fahr and Ebigbo (2003: 128; 2004: 73).
1995. *[Miniopterus] schreibersi* Pavlinov, Borissenko, Kruskop and Jahonton, Arch. Zool. Mus., Moscow State Univ., 133: 119. Lapsus.
- ? *Miniopterus schreibersii*: Name combination.

Taxonomy:

Reviewed by Crucitti (1976), Hill (1983). Includes *majori*, but see Peterson *et al.* (1995: 131). Molecular systematics and biogeography are discussed by Appleton *et al.* (2004), who indicate (p. 436 - 437) that based on their data *M. schreibersii* would be restricted to Europe and North Africa; the Ethiopian representatives would belong to a second species and the Oriental-Australian a third (see also Stadelmann *et al.*, 2004b: 188). Tian *et al.* (2004: 303) confirm the views presented by Appleton *et al.* (2004), and suggest *M. schreibersii* for the European specimens, *M. fuliginosus* for the Asian representatives and *M. oceanensis* for the Australian ones (which was already suggested by Maeda (1984), although he separated the specimens from Hainan from the other Asian representatives, which is no longer supported by Appleton *et al.*, 2004).

If *Miniopterus schreibersii* is restricted to northern Africa, then *Miniopterus inflatus villiersi* Aellen, 1956 must possibly be assigned to *Miniopterus natalensis*.

Etymology of name:

In honour of Karl Franz Anton von Schreibers (1775 - 1852), then director of the Vienna Museum (Flannery, 1995: 378; 1995b: 452; Kozhurina, 2002: 17).

Common names:

Afrikaans: Schreibers se grotvlermuis, Schreiber-grotvlermuis. Basque: Schreiber saguzarra. Catalanian: Rat penat de cova. Czech: létavec stehovavý. Dutch: (Grote) Langvleugelvlermuis, Schreiber's vleermuis. English: Schreiber's Bat, Long-wing Bat, Schreibers's Long-fingered Bat, Common Bent-winged Bat, Greater Bent-winged Bat, Large Bentwing Bat, Bent-winged bat, Common Long-fingered Bat. French: Minioptère de Schreibers, Minioptère à longues ailes, Chauve-souris de Schreiber, Minioptère. Gallician: Morcego das covas. German:

Langflügelfledermaus. Hungarian: törpe denevér. Indonesian: Kelelawar mini schreiber, Tomosu Biasa, Kelelawar mini biasa. Italian: Miniottero. Maltees: Farfet il-Lejl ta' Xrajber. Roman: Minopter ad ala lunga. Russian: Obyknovennyj dlinnokryl. Portuguese: Morcego-de-peluca, Morcego de schreiber. Slovenian: dolgokriili netopir. Spanish (Castilian): Murciélago de cueva.

Karyotypic:

Matthey and Bovey (1948) described the karyotype as having a diploid number of $2n=48$, $aFN=50$. While Capanna and Civitelli (1964b) described the karyotype from Italy as having a diploid number of $2n=46$, $aFN=50$, $X=$ metacentric, $Y=$ acrocentric. While Capanna and Civitelli (1965) found the $X=$ submetacentric, this is supported by Baker *et al.*, (1974), and Manfredi Romanini *et al.*, (1975). But Bickham and Hafner (1978) found the fundamental number to be $aFN=52$.

Conservation status:

Global- LR/nt included *M. natalensis* (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Schlitter 2004i).

Regional- South Africa- NT ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

S Europe (incl. Portugal, Austria, Albania, Greece, Turkey) and Morocco and Algeria through the Caucasus (incl. Abkhazia) and Israel (Jordan Valley), SW Saudi Arabia, Iran to Pakistan (?), India, Sri Lanka, Nepal, N Myanmar, most of China (incl. Hong Kong) and Japan; most of Indo-Malayan region; Thailand, Laos, Vietnam; Sumatra, Java, Sulawesi, Molucca Isls., Lesser Sundas (including Ambon), Borneo (Indonesia); New Guinea; Philippines (incl. Palawan); Solomon Isls (including Bougainville Isl); Australia; Bismarck Arch; Cape Verde Isls (Azzaroli Puccetti and Zava, 1988).

The distribution area given above is probably to extensive in view of the results of the various studies, which suggest that several forms, which were generally assigned to this species, could possibly represent separate species. In its most restrictive form, the distribution area could be limited to Europe, northern Africa and possibly western Asia.

Distribution based on voucher specimens:
Cape Verde.

Family VESPERTILIONIDAE Gray, 1821

1815. *Vespertilia* Rafinesque, *Analyse de la Nature*, p. 54. Type genus: *Vespertilio* Linnaeus, 1758. Conserved by Direction 98 (1858).
- *1821. *Vespertilionidae* Gray, *London Med. Repos.*, 15: 299. Type genus: *Vespertilio* Linnaeus, 1758. Publication date: 1 April 1821.
1843. *Gymnorhina* Wagner, ?
1855. *Nycticeina* Gervais, *Exped. Partes Cen. Am. Sud.*, ?
1866. *Nyctophilina* Gray, ?*Ann. Mag. nat. Hist.*, ser. 3, 17 (98): xx. Publication date: 1 February 1866.
1866. *Plecotina* Gray, *Ann. Mag. nat. Hist.*, ser. 3, 17 (98): 90. Publication date: 1 February 1866.
1866. *Romiciana* Gray, ?*Ann. Mag. nat. Hist.*, ser. 3, 17 (98): xx. Publication date: 1 February 1866.
1869. *Gymnorhinida* Fatio, *Faun. Vertébr. Suisse*, ?
1875. *Miniopteri* Dobson, ?
1893. *Nycteridae* Schulze, *Not of Dobson*, 1875 (see Pavlinov *et al.*, 1995: 93).
1941. *Myotini* Tate, ?

Taxonomy:

Systematicians have long recognized that Vespertilionidae as so defined, is diagnosed by few if any apomorphies, and some data have been cited as evidence that the family is not monophyletic. For example, *Tomopeas ravis* (the only member of the subfamily Tomopeatinae) shares immunological affinities and several derived morphological and molecular traits with molossidids (Miller 1907; Davis 1970; Barkley 1984; Pierson 1986; Sudman *et al.* 1994). Miniopterines, which differ from other vespertilionids in several aspects of fetal development and adult morphology, show immunological affinity with molossids (Mein and Tupinier 1977; Gopalakrishna and Chari 1983; Pierson 1986). Kerivoulines share derived morphological traits with Natalidae, Thyropteridae, Furipteridae, and Myzopodidae (Sigé 1974; Van Valen 1979). These patterns have lead various workers to suggest removal of one or more subfamilies from Vespertilionidae (Davis 1970; Sigé 1974; Mein and Tupinier 1977; Van Valen 1979; Gopalakrishna and Chari 1983; Barkley 1984; Sudman *et al.* 1994). Each of the eight vespertilionid subfamilies just listed appears to be monophyletic, with the exception of Vespertilioninae, which may be paraphyletic. In morphology, Vespertilioninae is "perhaps best characterized by absence of the special modifications that distinguish the other groups" (Miller 1907: 197). Volleth and Heller (1994) describe several derived karyotype features that diagnose Vespertilioninae (including Nyctophilinae but exclude Myotinae), but their study did not include any members of Antrozoinae or Lasiurini.

Molecular phylogenetics reviewed by Hooper and Van Den Bussche (2003).

Common names:

Czech: netopýřovití. Dutch: Gladneusvleermuizen. English: Evening bats, Vespertilionid bats, Vesper Bats, Plain-faced Bats, Simple-nosed Bats. Finnish: Siipat. German: Glattnasen. Spanish: Murcielagos chicos. Norwegian: Glattneser, Glattneseflaggermus.

Etymology of name:

Rosevear (1965) uses the colloquial name vesper bats, borrowing it from the name for the family, which is derived from the Latin for a bat, *vespertilio*. They are sometimes called 'evening bats' because of their time of activity (Taylor 2005).

Subfamily Kerivoulinae Miller, 1907

*1907. *Kerivoulinae* Miller, Bull. U.S. natl. Mus., 57: 232. Type genus: *Kerivoula* Gray, 1842.

Common names:

English: Forest Bats, Woolly bats.

Genus *Kerivoula* Gray, 1842

- *1842. *Kerivoula* Gray, Ann. Mag. nat. Hist., [ser. 1], 10 (65): 258. Type species: *Vespertilio pictus* Pallas, 1767 (Gray (1842: 258) mentions *Vesp. Hardwickii* Horsfield, *V. picta* Pallas, *V. tenuis*, G. Gärtneri [and *Kerivoula griseus*, *Kerivoula Poensis*]). Type species by subsequent designation (Peters, 1866d) (see Corbet and Hill, 1992: 153). Allen (1939a: 100) mentioned *Vespertilio hardwickii* Horsfield as genotype). Publication date: 1 December 1842.
1849. *Kirivoula* Gervais, Dict. Univ. Hist. nat., 13: 213. Publication date: 1849. Emendation (see Meester *et al.*, 1986: 63).
1861. *Nyctophylax* Fitzinger, Sber. k. Akad. Wiss. Wien, math. naturw. Kl., 42: 390 (for 1860). Publication date: 1861. "Apparently based on *Vespertilio tralatitius*, Temminck, 1840 = *V. tralatitius* Horsfield, 1824, and indeterminable name according to Laurie and Hill (1954). According to Palmer (1904) *Nyctophylax* was 'a new name for the barbaric *Kerivoula* Gray, 1842'" (see Corbet and Hill 1992: 153). Mentioned as a possible synonym (question mark) by Pavlinov *et al.* (1995: 93).
1870. *Nyctophilax* Fitzinger, Sber. k. Akad. Wiss. Wien, math. naturw. Kl., 62 (1): 544. Publication date: November 1870. "Apparently based on *Vespertilio tralatitius*, Temminck, 1840 = *V. tralatitius* Horsfield, 1824, and indeterminable name according to Laurie and Hill (1954). According to Palmer (1904) *Nyctophilax* was 'a new name for the barbaric *Kerivoula* Gray, 1842'" (see Corbet and Hill 1992: 153). Mentioned as a possible synonym (question mark) by Pavlinov *et al.* (1995: 93).
1891. *Cerivoula* Blandford, Fauna British India, Mamm., 338. Publication date: 1891. Emendation (see Meester *et al.*, 1986: 63).
2005. *Keivoula* Struebig, Rossiter, Bates, Kingston, Sai Sein Lin Oo, Aye Aye Nwe, Moe Moe Aung, Sein Sein Win and Khin Mya Mya, Acta Chiropt., 7 (1): 147. A lapsus.

Taxonomy:

Phoniscus Miller, 1906, has been included in *Kerivoula* as either a subgenus (Ellerman and Morrison-Scott 1951, Ellerman *et al.* 1953) or a synonym (Ryan 1965). Hill (1965) argues for the generic separation of *Phoniscus* from *Kerivoula*, and this view appears to be widely accepted (Rosevear 1965, Hayman and Hill 1971, Corbet and Hill 1980, Honacki *et al.* 1982), but see Koopman (1982).

The species *aerosa* Tomes, 1858, was described from the east coast of South Africa, but Roberts (1951) questions whether the description is not that of an immature *argentata*, although the colour is reminiscent of *lanosa*; Ellerman *et al.* (1953) point out that the type specimen resembles the Oriental species of *Kerivoula* (in which they include *Phoniscus*) rather than *argentata* or *lanosa*; Hill (1965) has shown that *aerosa* should be transferred to the Asiatic *Phoniscus*. Hayman and Hill (1971) question the

African origin of *aerosa*, and Corbet and Hill (1980) dubiously place it in Southeast Asia, while Honacki *et al.* (1982) cite the provenance as 'possibly Africa'. In view of the considerable doubt about the status and origin of this species it is not treated as a member of the southern African fauna.

Common names:

English: Woolly Bats, Trumpet-eared Bats.
French: Kérivoule, Chauve-souris laineuse.

Etymology of name:

Rosevear suggested that *Kerivoula* was derived from the Cingalese name for the Painted Bat, kehel vuhla. Flannery (1995: 369) indicates that it was derived from the Ceylonese for plantain (banana) bat.

Distribution based on voucher specimens:

South Africa, Tanzania.

Kerivoula africana Dobson, 1878

*1878. *Kerivoula africana* Dobson, Cat. Chiroptera Brit. Mus., p. 335. Type locality: Tanzania: coast opposite Zanzibar Island. Publication date: June 1878.

Taxonomy:

See Simmons (2005).

Common names:

English: African Woolly Bat, Tanzanian Woolly Bat. French: Kerivoule de Tanzanie.

Conservation status:

Global- Ex (IUCN Conservation Monitoring Centre 1988); Ex (IUCN 1990); Ex (Groombridge 1994); DD (Baillie and Groombridge 1996); EN B2ab(iii) ver 3.1 (2001) (IUCN 2004; Fahr and Jacobs 2004).

MacPhee and Flemming (1999) considered this species to be extinct, but it was recently rediscovered, see (Burgess *et al.*, 2000).

General distribution:

Tanzania.



Figure 137. Distribution of *Kerivoula africana*

Distribution based on voucher specimens:
Tanzania.

Kerivoula argentata Tomes, 1861

- *1861. *Kerivoula argentata* Tomes, Proc. zool. Soc. Lond., 1861, I: 31, 32. Type locality: Namibia: Ovamboland, Otjoro (Ansell and Dowsett (1988: 44) indicate it is probably Otjihoro, according to Shortridge, 1934: 70). Type specimen (F, collection date 1 December 1859). Publication date: May 1861.
1865. *Nycticejus nidicola* Kirk, Proc. Zool. Soc. Lond., 1864, III: 650. Type locality: Mozambique: Zambezi River, Shupanga (=Chupanga) [18 02 S 35 37 E]. Type specimen: BMNH 1864.1.9.37 (Syntype); BMNH 1864.1.9.38 (Syntype); BMNH 1864.1.9.39 (Syntype). Publication date: May 1865. Considered a valid subspecies by Ansell and Dowsett (1988: 44).
1924. *Kerivoula nidicola zuluensis* Roberts, Ann. Transv. Mus., 10: 61. Type locality: Republic of South Africa: Natal, Zululand, White Umfolosi River [28 19 S 31 50 E]. Type specimen: TM 3025 (ad M, skin and skull, collector: Austin Roberts collection date: 17 July 1922 note: In weaver nest with two others) Publication date: 31 January 1924. Considered a valid subspecies by Taylor (1998: 57).

Taxonomy:

See Simmons (2005).

Common names:

Afrikaans: Damara-wolhaarvlermuis, Damaralandse Wolhaarvlermuis. English: Silvery Woolly Bat, Silvered Woolly Bat, Silver Woolly Bat, Damara Woolly Bat. French: Chauve-souris laineuse du Damara. Portuguese: Morcego lanoso da Damaralandia.

Etymology of name:

This species was originally described from a specimen from Damaraland, Namibia (Taylor 2005).

Palaeontological / archaeological records:

K. argentata may be represented in the late Holocene at Nkupe, South Africa (Avery 1991: 6).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004h). Regional- South Africa- Indeterminate (Smithers 1986); EN B1ab(iii)+2ab(iii) ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

Uganda and S Kenya to Malawi (Happold and Happold, 1997: 822), Angola, Namibia, Zambia, Zimbabwe, Botswana, and Natal (South Africa).

Echolocation:

See Taylor (1999).



Figure 138. Distribution of *Kerivoula argentata*

Distribution based on voucher specimens: "Africa", Congo (Democratic Republic of the), Kenya, Malawi, Mozambique, Senegal, South Africa, Tanzania.

Kerivoula cuprosa Thomas, 1912

- *1912. *Kerivoula cuprosa* Thomas, Ann. Mag. Nat. Hist., ser. 8, 10 (55): 41. Type locality: Cameroon: Ja River, Bitye [2 000 ft (=610 m)]. Type specimen: BMNH 1912.10.25.1 (Holotype, ad M, collector: Mr. G.L; Bates, collection date: 17 October 1911, original number 564). Publication date: 1 July 1912.

Taxonomy:

See Simmons (2005).

Common names:

English: Copper Woolly Bat. French: Chauve-souris laineuse cuivrée.

Conservation status:

Global- LR/nt (Baillie and Groombridge 1996); NT ver 3.1 (2001) (IUCN 2004; Fahr 2004m).

Distribution:

Kenya, N Democratic Republic of the Congo, S Cameroon, Guinea (1st record see Fahr and Ebigbo, 2004: 69). Grubb *et al.* (1998: 92) indicate that records west of Cameroon are erroneous and probably refer to a specimen from Oda, Ghana in the FMNH that was re-identified as *K. lanosa muscilla*.

Distribution based on voucher specimens:

Cameroon, Cote D'Ivoire.



Figure 139. Distribution of *Kerivoula cuprosa*

Kerivoula eriophora (Heuglin, 1877)

- *1877. *Nycticejus eriophora* Heuglin, Reise in Nordost Afrika, 2: 34. Type locality: Ethiopia: Belegaz Valley, between Semian and Wogara. Publication date: 1877.
? *Kerivoula eriophora*: Name combination.

Taxonomy:

Very poorly known; may be conspecific with *africana* which it antedates; see Hayman and Hill (1971: 53).

Common names:

English: Ethiopian Woolly Bat. French: Chauve-souris laineuse d'Ethiopie.

Conservation status:

Global- VU (Baillie and Groombridge 1996); DD ver 3.1 (2001) (IUCN 2004; Fahr 2004p).

General distribution:

Ethiopia.

Etymology of name:

From the Greek "*eriphora*" meaning wool-bearing

Kerivoula lanosa (A. Smith, 1847)

- *1847. *Vespertilio lanosus* A. Smith, Illustr. Zool. S. Afr. Mamm., pl. 50 and text. Type locality: Republic of South Africa: Cape Province, 200 mi (322 km) E Cape Town. Type specimens: BMNH 1907.1.1.539; BMNH 1907.1.1.538 (Syntypes). Publication date: December 1847.
1878. *Kerivoula brunnea* Dobson, Cat. Chiroptera Brit. Mus., p. 334. Type locality: Republic of South Africa: South Africa (Roberts (1951: 75): "Madras or South Africa. Sir A. Smith (Obviously the type of Smith's *V. Lanosus*, cf. Roberts, 1913: Knysna)"). Meester *et al.* (1986: 64) mention "South Africa or Madras". Type specimen: BMNH 1852.8.12.9 (Holotype). Publication date: June 1878.
1901. *Kerivoula harrisoni* Thomas, Proc. Zool. Soc. Lond., 1900, IV: 802, footnote. Type locality: NE Africa: between Lakes Zwai and Margherita, Walamo [6 700 ft (=2 042 m)]. Type specimen: BMNH 1900.11.4.1 (Holotype, ? Collected and presented by Mr. J.J. Harrison, collection date: 21 February 1900). Publication date: April 1901.
1906. *Kerivoula muscilla* Thomas, Ann. Mag. nat. Hist., ser. 7, 18 (106): 294. Type locality: Cameroon: Ja River. Publication date: 1 October 1906. Considered a valid subspecies by Fahr and Ebigo (2003: 128; 2004: 73).
1920. *Kerivoula lucia* Hinton, Ann. Mag. Nat. Hist., ser. 9, 6 (32): 240. Type locality: Zimbabwe: N'dola. Type specimen: BMNH 1920.11.3.27. Publication date: 1 August 1920.
1922. *Kerivoula lueia* Kershaw, Ann. Mag. nat. Hist., ser. 9, 10 (55): 99. Publication date: 1 July 1922. Erratum (see Meester *et al.*, 1986: 64).
1959. *Kerivoula harrisoni bellula* Aellen, Arch. Sci. Genève, 12: 221. Type locality: Côte d'Ivoire: near Abidjan, Adiopodumé [05 19 N 04 08 W]. Type specimen: MHNG 965.38 (ad M, alcoholic, collector: V. Aellen, collection date: 20 July 1953, original number 622).
- ? *Kerivoula lanosa*: Name combination.

Taxonomy:

Includes *harrisoni* and *muscilla*; see Hill (1977b), but see Fahr and Ebigo (2003: 128; 2004: 73).

Common names:

Afrikaans: Klein wolhaarvlermuis. English: Lesser Woolly Bat. French: Petite Chauve-souris laineuse. Portuguese: Morcego lamoso Harrison.

Etymology of name:

From the Greek "*lanosa*" meaning woolly.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004a). Regional- South Africa- Indeterminate (Smithers 1986); NT ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

Liberia, Guinea (Fahr and Ebigo, 2003: 128) to Ethiopia, south to Botswana, Namibia (?) (Cotterill, 2004: 262), South Africa.

Molecular biology:

DNA - Unknown.

Karyotype - Rautenbach *et al.* (1993) reported $2n = 28$, FN = 50, BA = 18, a metacentric X chromosome, and an acrocentric Y chromosome, for specimens from South Africa.

Protein / allozyme - Unknown.



Figure 140. Distribution of *Kerivoula lanosa*

Distribution based on voucher specimens: Botswana, Cote D'Ivoire, Côte d'Ivoire, Ethiopia, Kenya, Mozambique, South Africa, Zambia.

Kerivoula phalaena Thomas, 1912

*1912. *Kerivoula phalæna* Thomas, Ann. Mag. Nat. Hist., ser. 8, 10 (57): 281. Type locality: Ghana: Inland from Denkwa, Bibianaha [=Bibiani] [720 ft (=219 m)]. Type specimen: BMNH 1912.6.20.3 (Holotype, ad F, collected and presented by Dr. H.G.F. Spurrell, collection date: 24 April 1912, original number 224). Publication date: 1 September 1912.

? *Kerivoula phalaena*: Current spelling.

Taxonomy:

See Simmons (2005).

Common names:

English: Spurrell's Woolly Bat, Spurrell trumpet-eared bat. French: Chauve-souris à oreilles en trompette de Spurrell.

Etymology of name:

From the Greek "*phalaena*" meaning whale.

Conservation status:

Global-LR/lc (Baillie and Groombridge 1996); NT ver 3.1 (2001) (IUCN 2004; Fahr 2004).

General Distribution:

Guinea (1st record see Fahr and Ebigbo, 2004: 69), Liberia, Ghana, Cameroon, Republic of the Congo, Democratic Republic of the Congo.

Distribution based on voucher specimens:

Cameroon, Congo (Democratic Republic of the), Cote D'Ivoire, Ghana, Uganda.



Figure 141. Distribution of *Kerivoula phalaena*

Kerivoula smithii Thomas, 1880

- *1880. *Kerivoula Smithii* Thomas, Ann. Mag. Nat. Hist., ser. 5, 6 (32): 166, text-fig. Type locality: Nigeria: Old Calabar. Type specimen: BMNH 1880.7.21.9 (Holotype, collector Dr. A. Robb, Presbyterian Mission, presented by Dr. J.A. Smith). Publication date: 1 August 1880.

Taxonomy:

See Simmons (2005).

Common names:

English: Smith's woolly bat. French: Kérivoule de Smith.

Etymology of name:

In honour of Dr. J.A. Smith, who presented to the type specimen to the British Museum of Natural History.

Conservation status:

Global- LR/nt (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Fahr 2004a).

Distribution:

Nigeria, Cameroon, N and E Democratic Republic of the Congo, Kenya, Ivory Coast, Liberia.

Distribution based on voucher specimens:

Congo (Democratic Republic of the), Nigeria, Tanzania, Uganda.



Figure 142. Distribution of *Kerivoula smithii*

Subfamily Myotinae Tate, 1942

- *1942. *Myotinae* Tate, Bull. Am. Mus. Nat. Hist., 80: 229.
 1998. *Myotiinae* Simmons, Interfamilial Relationships in bats.

Taxonomy: Originally named as a tribe within Vespertilioninae; raised to subfamily level by Simmons (1998), Bannikova *et al.* (2002: 722), Hooper and Van Den Bussche (2003: 21) following the suggestion of Volleth and Heller (1994). May not be monophyletic; see Hooper and Van Den Bussche (2001), and Simmons (2005). Hooper and Van Den Bussche (2003: 21) only include the members of the genus *Myotis* (not *Lasionycteris* nor *Cistugo*).

Genus *Cistugo* Thomas, 1912

- *1912. *Cistugo* Thomas, Ann. Mag. nat. Hist., ser. 8, 10 (56): 205. Type species: *Cistugo seabrae* Thomas, 1912. Publication date: 1 August 1912.

Taxonomy: Meester *et al.* (1986) included *Cistugo* as a subgenus of *Myotis*. Baker *et al.* (1975) recorded the karyotype of *Myotis* as $2n = 44$, $AA = 50$, but Dippenaar *et al.* (1983) give it as $2n = 50$, $AA = 48$ in both *seabrai* and *lesueuri*. Included as subgenus in *Myotis* by Koopman (1993a: 207), but considered a valid genus by Thomas (1915), Roberts (1919), Rautenbach *et al.* (1993), Bickham *et al.* (2004: 333), Stadelmann *et al.* (2004b: 185), and Simmons (2005). Stadelmann *et al.* (2004b: 185) state that it might be possible that the two species share closer phylogenetic relationships with other families of bats than with the Vespertilionidae.

Hayman and Hill (1971) doubt the validity of *lesueuri* and Corbet and Hill (1980) include it in *seabrai*, while Honacki *et al.* (1982) retain it as a separate species. It is possible, particularly in view of their allopatric distribution, that *lesueuri* may best be treated as a subspecies of *seabrai*. Common names:
 English: Wing-gland Bats

Cistugo lesueuri Roberts, 1919

- *1919. *Cistugo lesueuri* Roberts, Ann. Transv. Mus., 6: 112. Type locality: Republic of South Africa: SW Cape Province, Paarl District, near Paarl, Franschoek Valley [=Frenchhoek valley], L'Ormarins [=Lormarins] [3344S 1858E] (details see Meester *et al.*, 1986: 49). Type specimen: TM 2286 (ad M, skin and skull collector: Austin Roberts & Adendorff, collection date: ?? original number: 154, note: Rescued from cat by Mr Le Seur) Publication date: April 1919.

- ? *Myotis (Cistugo) lesueuri*: Name combination.
 ? *Myotis lesueuri*: Name combination.

Taxonomy: Hayman and Hill (1971) doubt the validity of *lesueuri* and Corbet and Hill (1980) include it in *seabrae*, while Honacki *et al.* (1982) retain it as a separate species. It is possible, particularly in view of their allopatric distribution, that *lesueuri* may best be treated as a subspecies of *seabrae*. Etymology of name:
 Named after J.S. le Sueur of L'Ormarins in the Paarl district, Western Cape, who recovered the original specimen from his cat (see Smithers, 1983; 92; Taylor, 2005).

Common names: Conservation status:
 Afrikaans: Lesueur se langhaarvlermuis, Lesueur-langhaarvlermuis, Lesueurse Vlerkkliervlermuis. Global- VU (Baillie and Groombridge 1996); VU D2 ver 3.1 (2001) (IUCN 2004; Jacobs 2004b).
 English: Lesueur's Wing-gland Bat, Lesueur's Hairy Bat, Lesueur's Myotis, Wing-gland bat. Regional- South Africa- Indeterminate, assessed as *Myotis lesueuri* (Smithers 1986); NT ver 3.1 (2001) (Friedmann and Daly 2004).
 French: Murin de Lesueur.

General distribution:

S South Africa (Herselman and Norton, 1985; Lynch, 1994; Watson, 1998).

Molecular biology:

DNA - Unknown.

Karyotype - Rautenbach *et al.* (1993) reported $2n = 50$, FN = 48, BA = 0, a submetacentric X chromosome, and an acrocentric Y chromosome, these results were the same as those obtained for *C. seabrae* from Namibia (Rautenbach *et al.*, 1993).

Protein / allozyme - Unknown.

Habitat:

In the Free State Province of South Africa collected from "broken country e.g. koppies and cliffs", invariably "away from human habitation and constructions, but close to open water (dams and streams)" (Watson, 1998: 128).

Habits:

In the Free State Province of South Africa specimens were netted in the "early evening, between 18:30 and 20:00, with only two specimens being caught after 21:15" (Watson, 1998: 128). When disturbed in their day roost they flew to another roost 50 meters away (Watson, 1998: 128).

Roost:

Found in a "crevice roughly four meters from the ground, on a west-facing dolomite rock face next to a river" in the Free State Province of South Africa (Watson, 1998: 127).

Migration:

Unknown.

Diet:

Unknown.

Predators:

Unknown.

Population:

Structure - Unknown.

Density - Common, but not abundant, in the Free State Province of South Africa a "group of approximately 40 individuals was located" in a day roost (Watson, 1998: 127).

Lifespan:

Unknown.

Activity and behaviour:

Unknown.

Reproduction and ontogeny:

Unknown.

Mating:

Unknown.

Post-natal development:

Unknown.

Parasites:

Unknown.

Viruses:

Unknown.

Utilization:

Unknown.

Anthropophilous:

Unknown.



Figure 143. Distribution of *Cistugo lesueuri*

Distribution based on voucher specimens:
Lesotho, South Africa.

Cistugo seabrae Thomas, 1912

- *1912. *Cistugo seabrae* Thomas, Ann. Mag. Nat. Hist., ser. 8, 10 (56): 205. Type locality: Angola: Mossamedes. Type specimen: BMNH 1906.1.3.3 (Holotype, ad F, skull and alcoholic, presented by the Lisbon Museum). Publication date: 1 August 1912.
1912. *Myotis seabrai*: Name combination.
2004. *Myotis (Cistugo) seabrai* Bickham, Patton, Schlitter, Rautenbach and Honeycutt, Mol. Phylogenet. Evol., 33 (2): 333. Lapsus.
- ? *Cistugo seabrae*: Name combination.

Taxonomy:

See Simmons (2005)

Common names:

Afrikaans: Angola-langhaarvlermuis, Angolase Vlerkliervlermuis. English: Seabra's Wing-gland Bat, Angolan Wing-gland Bat, Angolan hairy bat. French: Vespertilion d'Angola, Murin d'Angola.

Etymology of name:

The colloquial name is derived from the fact that the original specimen originated from Moçâmedes on the south-western coast of Angola (Taylor 2005).

Conservation status:

Global- VU (Baillie and Groombridge 1996); NT ver 3.1 (2001), assessed as *Cistugo seabrai* (IUCN 2004; Jacobs 2004a).

Regional- South Africa- Indeterminate, assessed as *Myotis seabrai* (Smithers 1986); VU D2 ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

NW Cape Prov. (South Africa), Namibia, SW Angola.

Molecular biology:

DNA - Unknown.

Karyotype - Rautenbach *et al.* (1993) reported $2n = 50$, FN = 48, BA = 0, a submetacentric X chromosome, and an acrocentric Y chromosome, these results were the same as those obtained for *C. lesueuri* from South Africa (Rautenbach *et al.*, 1993).

Protein / allozyme - Unknown.



Figure 144. Distribution of *Cistugo seabrae*

Distribution based on voucher specimens: Angola, Namibia, South Africa.

Genus *Myotis* Kaup, 1829

- *1829. *Myotis* Kaup, Skizz. Entw.-Gesch. Natürl. Syst. Europ. Thierwelt, 1: 106. Type species: *Vespertilio myotis* Borkhausen, 1797. Publication date: 1829.
1829. *Nystactes* Kaup, Skizz. Entw.-Gesch. Natürl. Syst. Europ. Thierwelt, 1: 108. Type species: *Vespertilio bechsteinii* Kuhl, 1817. Publication date: 1829.
1830. *Loeconoë* Boie, Isis oder Encyclopädische Zeitung von Oken, p. 256. Type species: *Vespertilio daubentonii* Kuhl, 1817. Publication date: 1830. Considered a valid genus based on tooth morphology: see Menu (1985, 1987) in Menu *et al.* (2002: 320).
1841. *Capaccinius* Bonaparte, Iconogr. Fauna ital., 1: Indice Distributivo: 1.
1841. *Selysius* Bonaparte, Iconogr. Fauna ital., 1: Mamm., Introd.: 3. Type species: *Vespertilio mystacinus* Kuhl, 1817. Publication date: 1841.
1842. *Trilatitus* Gray, Ann. Mag. nat. Hist., [ser. 1], 10 (65): 258. Publication date: 1 December 1842. Included *Vespertilio hasselti* Temminck, *M. macellus* Temminck, and *V. blepotis* Temminck (a *Miniopterus*) (see Hall and Kelson, 1959: 159; Hall, 1981: 183; Corbet and Hill, 1992: 119).
1849. *Tralatitus* Gervais, Dict. Univ. Hist. nat., 13: 213. A lapsus for *Trilatitus* (see Hall, 1981: 183). Modification of *Trilatitus* (see Meester *et al.*, 1986: 47).
1856. *Brachyotus* Kolenati, Allg. deutsch. naturh. Zeitung, ser. 2, 2: 131. Type species: *Vespertilio mystacinus* Kuhl, 1817. Publication date: 1856. Preoccupied by *Brachyotus* Gould, 1837 (see Allen, 1939a: 89; Hall, 1981: 183; Corbet and Hill, 1992: 119 and Pavlinov *et al.*, 1995: 95) and avian genus. Based on *V. mystacinus*, *daubentonii* and *dascyneme* (see Allen, 1939a: 89).
1856. *Isotus* Kolenati, Allg. deutsch. naturh. Zeitung, ser. 2, 2: 131. Type species: *Vespertilio nattereri* Kuhl, 1817. Publication date: 1856. Considered a valid subgenus by Pavlinov *et al.* (1995: 95).
1856. *Myotus* Kolenati, Allg. deutsch. naturh. Zeitung, ser. 2, 2: xxx. Publication date: 1856. Lapsus.
1866. *Tralatitus* Gray, Ann. Mag. nat. Hist., ser. 3, 17 (98): 90. Publication date: 1 February 1866. Lapsus for *Trilatitus* Gray (see Hall, 1981: 183). Modification of *Trilatitus* (see Meester *et al.*, 1986: 47).
1867. *Pternopterus* Peters, Monatsb. k. preuss. Akad. Wiss. Berlin, p. 706. Type species: *Vespertilio (Pternopterus) lobipes* Peters, 1867 (= *Vespertilio muricola* Gray, 1846). Publication date: 1867.
1870. *Aëorestes* Fitzinger, Sber. k. Akad. Wiss. Wien, math. naturw. Kl., 62 (1): 427. Publication date: 1870. Based upon *Vespertilio villosissimus* E. Geoffroy, 1806, *albescens* E. Geoffroy, 1806, *laevis* I. Geoffroy, 1824 and *nigricans* Schinz, 1821 (see Allen, 1939a: 90; Hall, 1981: 183 [who excludes *laevis*]). Hill (in litt. In Meester *et al.*, 1986: 48) pointed out that *villosissimus* is a member of *Lasiurus* Gray, 1831, but all others are indeed *Myotis* representatives. If *villosissimus* can be regarded as the type species of *Aeorestes*, it should instead be included in *Lasiurus* (Meester *et al.*, 1986: 48). Hooper and Van Den Bussche (2003: 25) consider *Aeorestes* a valid subgenus, including all of the New World species.
1870. *Comastes* Fitzinger, Sber. k. Akad. Wiss. Wien, math. naturw. Kl., 62 (1): 565. Publication date: 1870. Based upon *Vespertilio capaccinii* Bonaparte, *megapodius*, *dascyneme* Boie, *limnophilus* (see Allen, 1939a: 90). Based upon *Vespertilio capaccinii* and *dascyneme* according to Hall and Kelson (1959: 159), Hall (1981: 183).
1870. *Exochurus* Fitzinger, Sber. k. Akad. Wiss. Wien, math. naturw. Kl., 62 (1): 75. Publication date: 1870. Based upon *Vespertilio macrodactylus* Temminck, *V. horsfieldii* Temminck, and *V. macrotarsus* Waterhouse (see Hall, 1981: 183; Corbet and Hill, 1992: 119). Not of Kolenati, 1858: see Cabrera (1914: 91).
1899. *Euvespertilio* Acloque, Faune de France, Mammifères, p. 38. Includes *Vespertilio emarginatus* Geoffroy, *murinus* Schreber = *myotis* Borkhausen, *mystacinus* Kuhl, *nattereri* Kuhl, and *bechsteinii* Kuhl. Hall and Kelson (1959: 159) and Hall (1981: 183) state that *Euvespertilio* includes *emarginatus* and *murinus* in a composite sense.
1906. *Pizonyx* Miller, Proc. Biol. Soc. Washington, 19: 85. Type species: *Myotis vives* Menegaux, 1901. Publication date: 4 June 1906. Considered a valid genus by Hall and Kelson (1959: 178), but only as a subgenus of *Myotis* by Hall (1981: 183).
1910. *Chrysopteron* Jentink, Notes Leyden Mus., 32: 74. Type species: *Kerivoula weberi* Jentink, 1890 (= *Vespertilio formosa* Hodgson, 1835). Considered a valid subgenus by

- Hall and Kelson (1959: 159), Hall (1981: 183), Corbet and Hill (1992: 121) and Pavlinov *et al.* (1995: 95).
1917. *Dichromyotis* Bianchi, Ann. Mus. zool. Acad. Impér. Sci. St. Petersburg, 21: lxxviii (for 1916?). Type species: *Vespertilio formosus* Hodgson, 1835.
1917. *Megapipistrellus* Bianchi, Ann. Mus. zool. Acad. Impér. Sci. St. Petersburg, 21: lxxvii. Type species: *Pipistrellus annectans* Dobson, 1871. Considered a valid subgenus by Pavlinov *et al.* (1995: 95).
1917. *Paramyotis* Bianchi, Ann. Mus. zool. Acad. Impér. Sci. St. Petersburg, 21: lxxix. Type species: *Vespertilio bechsteinii* Kuhl, 1817. New name for *Nystactes* Kaup, 1829, preoccupied (see Hall and Kelson, 1959: 159; Hall, 1981: 183). Considered a valid subgenus by Pavlinov *et al.* (1995: 95).
1917. *Rickettia* Bianchi, Ann. Mus. zool. Acad. Impér. Sci. St. Petersburg, 21: lxxvii. Type species: *Vespertilio (Leuconoe) ricketti* Thomas, 1894. Valid as a subgenus (see Hall and Kelson, 1959: 159), Hall (1981: 183).
1929. *Anamygdon* Troughton, ? Type species: *Anamygdon solomonis* Troughton, (= *Vespertilio adversus* Horsfield, 1824 or *Leuconoe moluccarum* Thomas, 1915 ?).
1958. *Hesperomyotis* Cabrera, Rev. Mus. Arg. Cienc. Nat., Zool., 4: 103. Type species: *Myotis simus* Thomas, 1901.
1981. *Brachyotis* Hall, Mammals of North America: 183. Lapsus.
1995. *Capaccinus* Pavlinov, Borissenko, Kruskop and Jahonton, Arch. Zool. Mus. Moscow State Univ., 133: xxx. Lapsus
1995. *Exochirus* Pavlinov, Borissenko, Kruskop and Jahonton, Arch. Zool. Mus. Moscow State Univ., 133: xxx. Lapsus
1995. *Selysius* Pavlinov, Borissenko, Kruskop and Jahonton, Arch. Zool. Mus. Moscow State Univ., 133: xxx. Lapsus.
1996. *Myotiz* Spiewak, Johansson and Wüthrich, Allergologie, 19 (11): 510-511. Lapsus.
- ? *Loeconoe*: Current spelling.

Taxonomy:

Bronner *et al.* (2003) state that the genus *Myotis* has been considered to include several subgenera, but the number thereof, and placement of species, varied considerably. Meester *et al.* (1986) listed three subgenera from the Southern African subregion, namely *Cistugo* Thomas, 1912 (for *seabrai* and *leseuri*), *Chrysopteron* Jentink, 1910 (for *welwitschii*) and *Selysius* Bonaparte, 1841 (for *tricolor* and *bocagei*). Menu (1987) proposed synonymising *Selysius* under the subgenus *Leuconoe* Boie, 1830 on the basis of dental characters. This was endorsed by Koopman (1993, 1994) who transferred *M. bocagei* to *Leuconoe* but included other *Selysius* and *Chrysopteron* in the subgenus *Myotis*, and also by Godawa-Stormark's (1998) phenetic analysis of dental variation in the genus. Phylogenetic analysis of mitochondrial DNA sequences, however, do not support the monophyly of the three subgenera (*Selysius*, *Leuconoe* and *Myotis*) analysed (Ruedi & Mayer 2001), but *Cistugo* warrants generic separation (N. Simmons in litt.) owing to the distinct wing glands and unique karyotypes (see Rautenbach *et al.* 1993) found in *seabrai* and *leseuri* from southern Africa.

Meester *et al.* (1986) state that their synonymy is slightly modified from Ellerman and Morrison-Scott (1951), who include also *Aeorestes* Fitzinger, 1870, a South American group, in the synonymy of *Myotis*, as does Hall (1981). However, J.E. Hill points out (in litt) that of the species included in this genus, the first, *Vespertilio villosissimus* E. Geoffroy, 1806, is a *Lasiurus* Gray, 1831, although the others, *albescens* E. Geoffroy, 1806, *nigricans* Schinz, 1821, and *levis* I. Geoffroy, 1824, belong in *Myotis*. If, as Hill suggests, *villosissimus* can be regarded as the type species of *Aeorestes*, it should instead be included in *Lasiurus*.

Baker *et al.* (1975) recorded the karyotype of *Myotis* as 2n= 44, AA= 50, but Dippenaar *et al.* (1983) give it as 2n= 50, AA= 48 in both *seabrai* and *leseuri*.

Common names:

English: Mouse-eared Bats, Little Brown Bats, Hairy Bats, Large-footed Bats. German: Mausohr.

Myotis anjouanensis (Dorst, 1960)

*1960. ? *anjouanensis* Dorst, Bull. Mus. Natn. Hist. nat., Paris, ser. 2, 31: 476 (for 1959). Type locality: Comoro Islands: Anjouan Island.

Taxonomy:

Considered a synonym of *goudoti* by Koopman (1993a: 211), and a subspecies of *goudoti* by Peterson *et al.* (1995: 89), but a valid species by Simmons (2005).

Conservation status:

Global- DD ver 3.1 (2001) (IUCN 2004; Jacobs 2004b).

General distribution:

Comoro Islands.

Common names:

English: Anjouan Myotis, Anjouan mouse-eared bat. French: Vespertilion de l'Île d'Anjouan.

Etymology of name:

The specific name refers to the island where the type specimen was collected.

Myotis blythii (Tomes, 1857)

- *1857. *Vespertilio blythii* Tomes, Proc. Zool. Soc. Lond., 1857, XXV (cccxxx): 53. Type locality: India: Rajasthan, Nasirabad. Type specimen: BMNH 1848.8.18.6 (Holotype); BMNH 1849.8.16.22 (Holotype; see Tate (1941e: 555, but he also mentions 1873.4.16.15, which possibly might be the type specimen for "*V. africanus* Dobson"). Publication date: 14 July 1857.
1875. *Vespertilio murinus africanus* Dobson, Ann. Mag. Nat. Hist., ser. 4, 16 (94): 260. Type locality: 'Gaboon': but more probably from Kashmir, see Blanford (1891) and Hayman and Hill (19971: 35) (in Corbet and Hill, 1992: 120). However, see Grubb (2004: 92); who indicates that Gabon might not be rejected. Type specimen: BMNH 1873.4.16.5. Publication date: 1 October 1875.
- ? *Myotis blythii*: Name combination.

Taxonomy:

For synonyms see Corbet (1978: 30), Strelkov (1972), Felten *et al.* (1977), Bogan *et al.* (1978). Koopman (1993a: 209) included *oxygnathus* and *omari*, but see Arlettaz *et al.* (1997) and Castella *et al.* (1999) [in Horáček *et al.* (2000: 114)]. Simmons (2005) removed *oxygnathus* and *punicus*.

Common names:

Basque: Arratoi-belarri txikia. Catalanian: Rat penat orellut mitjà. Czech: netopýr východní. Dutch: Kleine vale vleermuis. English: Lesser mouse-eared bat, Lesser Mouse-eared Myotis. French: Petit Murin. Gallician: Morcego de orellas de rato pequeno. German: Kleines Mausohr. Hungarian: hegyesorrú denevér. Italian: Vespertilio di Blyth, Vespertilio minore. Maltees: Farfett il-lejl widnet il-Gurdien. Portuguese: Morcego-rato-pequeno. Romanian: Vespertil uregliamieur pitschen. Russian: Ostroukhaya nochnitsa. Spanish (Castilian): Ratonero mediano, Murciélago ratonero mediano, Ratonero chico, Murciélago ratonero.

Etymology of name:

In honour of Edward Blyth (1810 - 1873) (see Kozhurina 2002: 14).

Conservation status:

Global- Not assessed (IUCN 2004).

General distribution:

NW Africa (Morocco?, N Algeria, Tunisia, W Lybia), Mediterranean zone of Europe (C and S France, Portugal, Spain, Italy, through Austria, Czech republic, Albania, Greece, Slovakia); Crimea and Caucasus Mtns (incl. Abkhasia), Asia Minor, Israel, Lebanon, Syria to Kazakhstan, Uzbekistan, Kirgizia, Tadjikistan, Afghanistan, Pakistan, N India (Rajputana, Punjab, Kashmir) and Himalayas, Nepal, NW Altai Mtns; Inner Mongolia and Shensi (China)

Note: Due to the separation of *oxygnathus* and *punicus* the records from S Europe and N Africa are probably erroneous, hence this species should be removed from the African fauna.



Figure 145. Distribution of *Myotis blythii*

Distribution based on voucher specimens: Algeria, 'Gaboon', Tunisia.

Myotis bocagii (Peters, 1870)

- *1870. *Vespertilio Bocagii* Peters, J. Sci. mat. Phys. Nat., Lisboa, ser. 1, 3 (10): 125. Type locality: Angola: Duque de Braganca. - Publication date: December 1870.
 ? *Myotis bocagei*: Lapsus.
 ? *Myotis bocagii*: Name combination.

Taxonomy:

Mentioned as *bocagei* by Corbet (1978: 49), Smithers (1983: 93), Meester *et al.* (1986: 49), Koopman (1993a: 209), Horáček *et al.* (2000: 121) Wilson and Cole (2000: 58), Hutson *et al.* (2001: 28), Fenton and Bogdanowicz (2002: 1008) but as *bocagii* by Ansell and Dowsett (1988: 37), Harrison and Bates (1991: 76), Grubb *et al.* (1998: 82), Stadelmann *et al.* (2004b: 178); and as *bocagi* by Kityo and Kerbis (1996: 63).



Figure 146. *Myotis bocagii*

Common names:

Afrikaans: Rooi langhaarvlermuis. English: Rufous Mouse-eared bat, Bocage's Mouse-eared Bat, Rufous Mouse-eared Myotis, Rufous Hairy Bat, Bocage banana bat, Bocage's hairy bat. French: Murin, Murin de Du Bocage. Portuguese: Morcego lanudo de Bocage.

Etymology of name:

In honour of J.V. Barbosa du Bocage, an eminent Portuguese zoologist, who worked during the nineteenth century, and who named material from the Congo and Angola collected by his Portuguese colleague Snr. M. Jose d'Anchieta (Smithers 1983: 93).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Jacobs 2004f). Regional- Indeterminate (Smithers 1986); DD ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

Senegal over Central African Republic, Uganda to Ethiopia, S Yemen, south to Angola, Zambia, Malawi, and Transvaal (South Africa).

Molecular biology:

DNA - Unknown.

Karyotype - Rautenbach *et al.* (1993) reported $2n = 44$, FN = 50, BA = 8, a submetacentric X chromosome, and an acrocentric Y chromosome, for specimens from South Africa. These results are the same as those obtained for *M. tricolor* specimens from South Africa and Zimbabwe (Rautenbach *et al.*, 1993).

Protein / allozyme - Unknown.



Figure 147. Distribution of *Myotis bocagii*

Distribution based on voucher specimens:

Angola, **Burundi**, Cameroon, **Congo (Democratic Republic of the)**, **Ethiopia**, Gabon, **Ghana**, **Kenya**, Rwanda, **South Africa**, **Tanzania**.

Myotis bocagii bocagii (Peters, 1870)

- *1870. *Vespertilio Bocagii* Peters, J. Sci. mat. Phys. Nat., Lisboa, ser. 1, 3 (10): 125. Type locality: Angola: Duque de Braganca. - Publication date: December 1870.
1904. *Myotis Hildegardæ* Thomas, Ann. Mag. Nat. Hist., ser. 7, 13 (75): 209. Type locality: Kenya: Fort Hall [4 000 ft (=1 219 m)]. Type specimen: BMNH 1903.3.2.2 (Holotype, M, collector: Mrs. Hildegarde Hinde, collection date: 17 October 1902, original number 115). Publication date: 1 March 1904.
- ? *Myotis bocagei bocagei* Lapsus.
- ? *Myotis bocagii bocagii*: Name combination.

General distribution:

Uganda to Ethiopia, south to Angola, Zambia, Malawi, and Transvaal (South Africa).

Distribution based on voucher specimens:

Kenya.

Myotis bocagii cupreolus Thomas, 1904

- *1904. *Myotis Bocagei cupreolus* Thomas, Ann. Mag. nat. Hist., ser. 7, 13 (78): 407. Type locality: Cameroon: Efulen. Type specimen: BMNH 1903.2.4.6 (M, collector: G.L. Bates, collection date 14 August 1901). Publication date: 1 June 1904 (Evenhuis, 2003: 36 states that pages 329 to 424 were included in part 77, which appeared on 1 May 1904. However, the title page of the publication indicates that the part is 78, which was published on 1 June 1904).
- ? *Myotis bocagii cupreolus*: Name combination.

Distribution:

West Africa.

Distribution based on voucher specimens:

Cameroon.

Myotis capaccinii (Bonaparte, 1837)

- *1837. *Vespertilio Capaccinii* Bonaparte, Iconogr. Fauna ital., 1, fasc. 20 and pl., fig. 2. Type locality: Italy: Sicily. Type specimen: BMNH 1907.1.1.734. Publication date: 1837.
 ? *Myotis capaccinii*: Name combination.

Taxonomy:
 See Simmons (2005).

Uzbeqistan.

Common names:

Basque: Saguzar hankahandia. Catalanian: Rat penat de peus grans. Czech: netopýr dlouhonohý. Dutch: Capaccini's vleermuis. English: Capaccinii's Mouse-eared Bat, Long-fingered Bat, Long-fringed bat, Long-fingered Myotis. French: Murin de Capaccini, Vespertilion de Capaccini, Vespertilion des montagnes. German: Langfussfledermaus. Italian: Vespertilio di Capaccini. Roman: Vespertil da Capaccini. Slovenian: dolgonogi netopir. Spanish (Castilian): Murciélago patudo.

Etymology of name:

In honour of Francesco Capaccini (see Kozhurina 2002: 15).

Conservation status:

Global- VU A2c ver 2.3 (1994).

General distribution:

Mediterranean zone and islands of Europe (incl. Austria, Albania, Greece) and NW Africa (incl. Morocco (see Aulagnier and Thevenot, 1986: 44)); Turkey; Israel; Jordan; Iraq; Iran;



Figure 148. Distribution of *Myotis capaccinii*

Distribution based on voucher specimens:
 Tunisia.

Myotis dieteri M. Happold, 2005

- *2005. *Myotis dieteri* M. Happold, Acta Chiropt., 7 (1): 11. Type locality: Republic of the Congo: Grotte du Viaduc à Loudima [04 15 S 13 00 E]. Type specimen: MNHN CG 1985-1925 (ad F, alcoholic with skull extracted; mandible lost; collector: Jean-Paul Adam; collection date: between 1961 and 1968).

Taxonomy:

Known only from the type specimen (Happold, 2005: 11).

Etymology of name:

In honour of Dr. Dieter Kock of the Senckenberg Museum, Frankfurt, Germany, in recognition of the great contribution he made to the knowledge of African mammals, in recognition of the kindness and generosity with which he has helped so many others with their studies, and in gratitude for our long friendship (see Happold 2005: 11).

Conservation status:

Global- Not assessed (IUCN 2004).

General distribution:

Known only from the type locality; Grotte du Viaduc a Loudima, Republic of Congo (Happold, 2005: 11).



Figure 149. Distribution of *Myotis dieteri*

Distribution based on voucher specimens:
Congo.

Myotis emarginatus (E. Geoffroy St.-Hilaire, 1806)

- *1806. *Vespertilio emarginatus* E. Geoffroy Saint-Hilaire, Ann. Mus. Hist. Nat. Paris, 8: 198.
Type locality: France: Ardennes, Givet, Charlemont.
- ? *Myotis emarginatus*: Name combination.

Taxonomy:

Assigned to the subgenus *Isotus* by Pavlinov *et al.* (1995: 97).

Conservation status:

Global- VU A2c ver 2.3 (1994).

Common names:

Czech: Netopýr brvítý. Dutch: Ingekorven vleermuis. English: Geoffroy's Bat, Notch-eared Bat, Geoffroy's Myotis. French: Murin à oreilles échancrées, Vespertilion à oreilles échancrées. German: Wimperfledermaus. Hungarian: csonkafülű denevér. Italian: Vespertilio smarginato. Norwegian: Geoffroyflaggermus. Portuguese: Morcego-lanudo. Roman: Vespertil cun tscheglias. Russian: Tryokhtsvetnaya nochnitsa. Spanish: Murciélago orejirroto, Murciélago de Geoffroy.

General distribution:

S Europe (incl. Portugal), north to the Netherlands, S Germany, Czech Republic, Austria, Albania, Greece and S Poland, Crimea, Caucasus and Kopet Dag Mtns, east to Uzbekistan, Turkmenistan, Kirghizia, Tadjikistan (incl. Abkhasia), and E Iran; Syria, Lebanon, Israel; Jordan; Saudi Arabia, Oman, Morocco; Algeria; Tunisia; Afghanistan.

Myotis goudoti (A. Smith, 1834)

- *1834. *Vespertilio goudoti* A. Smith, S. Afr. Quart. J., ser. 2, 2: 244. Type locality: Madagascar: no specific locality. Publication date: June 1834.
1858. *Vespertilio madagascariensis* Tomes, Proc. Zool. Soc. Lond., 1858, XXVI (ccclii): 89. Type locality: Madagascar: no specific locality. Type specimen: BMNH 1907.1.1.503. Publication date: 27 April 1858.
1870. *Vespertilio sylvicola* A. Grandidier, Rev. Mag. Zool., ser. 2, 22: 49. Type locality: Madagascar: Ambaravantao forest (Mentioned as "Forests of Ambaravaranvatou" by Allen, 1939a: 91). Publication date: February 1870.
- ? *Myotis goudoti*: Name combination.

Taxonomy:

Simmons (2005) states that it does not appear to include *anjouanensis*; see Peterson *et al.* (1995).

Conservation status:

Global- LR/nt ver 2.3 (1994).

Common names:

English: Malagasy mouse-eared bat. French: Chauve-souris malgache à oreille de souris, Vespertilion de Madagascar.

General distribution:

Madagascar.

Distribution based on voucher specimens:

Madagascar.

Myotis morrisi Hill, 1971

- *1971. *Myotis morrisi* Hill, (in Hill and Morris), Bull. Br. Mus. Nat. Hist. (Zool.), 21 (2): 43, pl. 1, 2 (a, b). Type locality: Ethiopia: Walaga, Blue Nile Gorge, Didessa River mouth, "Forward Base Three" [10 05 N 35 38 E, c 1,000 m]. Type specimen: BMNH 1970.488 (Holotype; ad F, skin and skull, collector: Great Abbay Expedition, collection date: 28 August 1968, original number: A107, see Hill and Morris (1971: 43)). Publication date: 28 April 1971.

Taxonomy:

Known only from two specimens (see Stadelmann *et al.*, 2004b: 179).

Conservation status:

Global- VU (Baillie and Groombridge 1996); VU D2 ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004b).

Common names:

English: Morris's Mouse-eared Bat, Morris's bat, Morris's Myotis. French: Vespertilion de Morris.

General distribution:
W Ethiopia, NE Nigeria.

Etymology of name:

In honour of Dr. Pat Morris of Royal Holloway College, University of London, in recognition of his many services to the study of the Ethiopian fauna while with the Great Abbay Expedition (Hill in Hill and Morris 1971: 44).

Distribution based on voucher specimens:

Ethiopia.

Myotis myotis (Borkhausen, 1797)

1774. *murinus* Schreber, Die Säugethiere, xxx. Preoccupied by *murinus* Linnaeus, 1758 (see Pavlinov *et al.*, 1995: 96).
1797. *Vespertilio myosotis* Borkhausen, Der Zoologe (Compendiose Bibliothek gemeinnützigsten Kenntnisse für alle Stände.), 46. Extralimital?
- *1797. *Vespertilio myotis* Borkhausen, Deutsche Fauna, 1: 80. Type locality: Germany: Thuringia.
1996. *Myotiz myotiz* Spiewak, Johansson and Wüthrich, Allergologie, 19 (11): 510-511. Lapsus.
- ? *Myotis myotis*: Name combination.

Taxonomy:

See Corbet (1978: 50) for content of this species.

Common names:

Basque: Saguzar arratoi- belarri handia. Catalanian: Rat penat orellut gran. Czech: netopýr velký. Danish: Stor museøre. Dutch: Vale vleermuis. English: Greater Mouse-eared bat, Mouse-eared bat, Mouse-eared Myotis, Large Mouse-eared Bat. French: Grand Murin. Gallician: Morcego de orellas de rato grande. German: Mausohr, Große Mausohr, Großes Mausohr. Hungarian: közönséges denevér. Italian: Vespertilio maggiore. Maltees: Farfett il-lejl. Norwegian: Stor musøre. Portuguese: Morcego-rato-grande, Roman: Vespertil uregliamieur grond. Slovenian: navadni netopir. Spanish (Castilian): Ratonero grande, Murciélago ratonero grande. Swedish: Större musöra.

Etymology of name:

From the Greek "*mus*" (=mouse) and "*otis*" (=ear) (Jones and Manning (1989: 3).

Conservation status:

Global- LR/nt ver 2.3 (1994).

General distribution:

C and S Europe (incl. The Netherlands, Czech Republic, Austria, Albania, Greece, Italy, Portugal), east to Ukraine; S England; most Mediterranean islands; Azores (Portugal); Asia Minor; Lebanon; Israel; Syria.



Figure 150. Distribution of *Myotis myotis*

Distribution based on voucher specimens: Egypt, Tunisia, Algeria.

Myotis nattereri (Kuhl, 1817)

- *1817. *Vespertilio nattereri* Kuhl, Die Deutschen Fledermäuse, Hanau, p. 14, 33. Type locality: Germany: Hessen, Hanau.
1904. *Myotis Escalerae* Cabrera, Mem. Soc. Esp. Hist. Nat., 2: 279, pl. 5. Type locality: Spain: Valencia, Foyos. Type specimen: MNCN 863 (ad M). Possibly valid as subspecies, also for northern Africa.
2003. *Myotis nattereri* Yoshiyuki and Endo, Catalogue of chiropteran specimens in spirit: 48. Lapsus.
- ? *Myotis nattereri*: Name combination.

Taxonomy:

Assigned to the subgenus *Isotus* by Tate (1942), Corbet and Hill (1992), Pavlinov *et al.* (1995: 96). Included in the genus *Leuconoe* by Menu *et al.* (2002: 323).

Common names:

Basque: Natterer saguzarra. Catalanian: Rat penat de Natterer. Czech: Netopýr rasnatý. Danish: Frynseflagermus. Dutch: Franjestaart. English: Natterer's Mouse-eared Bat, Natterer's bat, Natterer's Myotis. Estonian: Nattereri lendlane. French: Murin de Natterer, Vespertilion de Natterer. Gallician: Morcego de Natterer. German: Fransenfledermaus. Hungarian: horgasszöru denevér. Italian: Vespertilio di Natterer. Norwegian: Børsteflaggermus. Portuguese: Morcego-de-franja. Roman: Vespertil da Natterer. Russian: Nochnitsa Natterera. Spanish (Castilian): Murciélago de Natterer, Murciélago de patagio aserrado. Swedish: Fransfladdermus.

Etymology of name:

In honour of Johann Natterer (1787 - 1843) (see Kozhurina 2002: 16).

Conservation status:

Global- LR: lc.

General distribution:

Ireland, Great Britain, continental Europe; Norway, Sweden, Finland, Estonia, Lithuania; the Netherlands, Portugal, NW Africa (Morocco, N Algeria); Czech Republic, Austria, Greece, Turkey; Israel; Jordan; Iraq, Iran; Crimea and Caucasus to Turkmenistan (incl. Abkhasia). Horáček *et al.* (2000: 115) include S Scandinavia.

Distribution based on voucher specimens:

Spain.

Myotis punicus Felten, 1977

- *1977. *Myotis blythii punicus* Felten, in: Felten, Spitzenberger and Storch, Senckenb. biol., 58 (1/2): 39. Type locality: Tunisia: Cap Bon, El Haouaria cave. Type specimen: SMF 44104 (ad M, alcoholic and skull, collector: Nagel, Schubert and Vesmanis, collection date: 25 March 1971; see Felten *et al.* (1977: 39).
2000. *Myotis cf. punicus* Castella, Ruedi, Excoffier, Ibanez, Arlettaz and Hausser, Mol. Ecol., 9: xxxx
- ? *Myotis punicus*: Name combination.

Taxonomy:

Considered a valid species by Castella *et al.* (2000), Dietz and von Helversen (2004: 71), and Benda *et al.* (2004b).

Conservation status:

Global- DD ver 3.1 (2001) (IUCN 2004; Aulagnier and Juste 2004).

Common names:

English: Maghrebian Mouse-eared Bat, Felten's Myotis. Italian: Vespertilio maghrebino

General distribution:

Tunisia, Algeria, Libya, Malta, Morocco (Benda *et al.*, 2004b).

Myotis scotti Thomas, 1927

- *1927. *Myotis scotti* Thomas, Ann. Mag. Nat. Hist., ser. 9, 19 (113): 554. Type locality: Ethiopia: Shoa, Djem-djem Forest (ca 40 mi (64 km) W Addis Ababa) [8 000 ft (=2 438 m)]. Type specimen: BMNH 1927.3.4.1 (Holotype). Publication date: 1 May 1927.

Taxonomy:

See Simmons (2005).

General distribution:

Ethiopia.

Common names:

English: Scott's Mouse-eared Bat, Scott's Mouse-eared Myotis. French: Vespertilion de Scott.

Distribution based on voucher specimens:

Ethiopia.

Conservation status:

Global- VU (Baillie and Groombridge 1996); VU B2ab(iii) ver 3.1 (2001) (IUCN 2004; Benda and Lavrenchenko 2004).

Myotis tricolor (Temminck, 1832)

- *1832. *Vespertilio tricolor* Temminck, in Smuts, Enumer. Mamm. Capensium, p. 106. Type locality: Republic of South Africa: Cape Province, Capetown. Publication date: 1832.
1924. *Eptesicus loveni* Granvik, Acta Univ. Lund, ser. 2, 21 (3): 12. Type locality: Kenya: E slopes of Mt. Elgon [8 000 ft (=2 438 m)]. Publication date: 1924.
- ? *Myotis tricolor*: Name combination.

Taxonomy:

Includes *Eptesicus loveni*, see Schlitter and Aggundey (1986).

Common names:

Afrikaans: Temminck se langhaarvlermuis, Temminck-langhaarvlermuis, Kaapse Langhaarvlermuis. English: Temminck's Mouse-eared Bat, Cape Myotis, Cape Hairy Bat, Tricoloured Mouse-eared Bat, Cape Hairy Myotis, Temminck's Hairy Bat. French: Petit murin brun, Murin velu du Cap, Vespertilion d'Angola, Murin d'Angola.

Etymology of name:

The colloquial name is after C.J. Temminck, who was the author of *Monographies de Mammalogie* (1827) (Taylor 2005).

Palaeontological / archaeological records:

This species was represented in the very late Holocene at Border Cave, South Africa (Avery 1991: 6).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Jacobs 2004e).
Regional- South Africa- NT ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

Ethiopia and Democratic Republic of the Congo, south to Malawi and South Africa.

Echolocation:

See Taylor (1999).

Molecular biology:

DNA - Unknown.

Karyotype - Rautenbach *et al.* (1993) reported $2n = 44$, FN = 50, BA = 8, a submetacentric X chromosome, and an acrocentric Y chromosome, for specimens from South Africa and Zimbabwe. These results are the same as those obtained for *M. bocagii* specimens from South Africa (Rautenbach *et al.*, 1993).

Protein / allozyme - Unknown.



Figure 151. Distribution of *Myotis tricolor*

Distribution based on voucher specimens:
Lesotho, South Africa, Swaziland, Zimbabwe.

Myotis welwitschii (Gray, 1866)

- *1866. *Scotophilus welwitschii* Gray, Proc. Zool. Soc. Lond., 1866, II: 211, pl. 24. Type locality: Angola: NE Angola. Type specimen: BMNH 1866.4.12.2. Publication date: September 1866.
1878. *Vespertilio welwitschii*: Dobson, Cat. Chiroptera Brit Mus. Name combination.
1899. *Vespertilio venustus* Matschie, Sitzb. Ges. Naturf. Freunde Berlin: 74. Type locality: Tanzania: Morogoro district, Ukami Mts. [north slope of Uluguru Mountains], Kinole [06 50 S 37 42 E]. Type specimen: ZMB. Publication date: 1899.
1922. *Myotis welwitschii*: Kershaw, Ann. Mag. nat. Hist., ser. 9, 10 (56): xxx. Publication date: 1 August 1922. Name combination.
1951. *Scotophilus welwitschii* Roberts, The Mammals of South Africa: 80. Lapsus.
1967. *Myotis venustus*: Kock, Senckenb. biol., 48 (5/6): 319. Name combination.

Taxonomy:

Myotis welwitschii is monotypic (Kershaw 1922; Hayman and Hill 1971; Findley 1972; Kock 1967; Meester *et al.*, 1986; Simmons 2005).



Figure 152. *Myotis welwitschii*

Common names:

Afrikaans: Welwitsch se langhaarvlermuis, Welwitsch-langhaarvlermuis. English: Welwitsch's Mouse-eared Bat, Welwitsch's Hairy Bat, Welwitsch's bat, Welwitsch's Myotis. French: Myotis de Welwitsch, Vespertilion de Welwitsch, Murin du Welwitsch. Portuguese: Morcego lanudo de weltsch.

Etymology of name:

Named after Welwitsch, an Austrian botanist who made extensive collections in Angola (Taylor 2005).

Palaeontological / archaeological records

No fossils are known (Ratcliffe 2002).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004d). Regional- South Africa- Indeterminate (Smithers 1986); NT ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

Angola, Burundi (Fahr and Ebigbo, 2003: 128), Congo (K.), Ethiopia, Kenya, Malawi (Happold and Happold, 1997: 819), Mozambique, Rwanda, South Africa, Sudan, Tanzania, Uganda (Kityo and Kerbis, 1996: 61), Zambia, Zimbabwe; Guinea (Fahr and Ebigbo, 2003: 128).

Geographic variation:

Unknown.

General description of external morphology:

See Ratcliffe (2002).

General description of cranial and dental morphology:

See Ratcliffe (2002).

Detailed morphology:

For a description of the skull, teeth, ears and tragus, and wingshape and aspect ratio see Ratcliffe (2002).

Functional morphology:

Unknown.

Sexual dimorphism:

Unknown.

Echolocation:

Unknown.

Molecular biology:

DNA - Unknown.

Karyotype - Rautenbach *et al.* (1993) reported $2n = 44$, $FN = 50$, $BA = 8$, and submetacentric X and Y chromosomes, for specimens from South Africa.

Protein / allozyme - Unknown.

Habitat:

See Ratcliffe (2002).

Habits:

See Ratcliffe (2002).

Roost:
See Ratcliffe (2002).

Migration:
Unknown.

Diet:
Unknown.

Predators:
Unknown.

Population:
Unknown.

Population:
Structure - Considered solitary in its roosting habits (Smithers and Wilson 1979, Ratcliffe 2002). However in a single instance two animals were found roosting in the same bush (Smithers and Wilson 1979).
Density - Unknown.

Lifespan:
Unknown.

Activity and behaviour:
Unknown.

Reproduction and ontogeny:
Unknown.

Mating:
Unknown.

Post-natal development:
Unknown.

Parasites:
Unknown.

Viruses:
Unknown.

Utilization:
Unknown.

Anthropophilous:
Unknown.



Figure 153. Distribution of *Myotis welwitschii*

Distribution based on voucher specimens:
Angola, Rwanda, South Africa, Tanzania, Zimbabwe.

Subfamily Vespertilioninae Gray, 1821

- *1821. *Vespertilioninae* Gray, London Med. Repos., 15: 299. Publication date: 1 April 1821.
 1865. *Nyctophilinae* Peters, Monatsb. k. preuss. Akad. Wiss. Berlin, p. 524. Type genus: *Nyctophilus* Leach, 1821. Considered a valid subfamily by Hall and Kelson (1959: 201) [including *Antrozous*], Corbet and Hill (1992: 156), but see Hooper and Van Den Bussche (2003: 1), who reject this.

Taxonomy:

Bronner *et al.* (2003) state that the classification of the subfamily Vespertilioninae was historically based on facial shortening and dental reduction characters (Miller 1907), and augmented by bacula morphology (Hill and Harrison 1987). Interrelationships among *Eptesicus* and *Pipistrellus* species have long been contentious and have for the most part remained unresolved. The principal character used to diagnose these genera was the presence (*Pipistrellus*) or absence (*Eptesicus*) of the anterior upper premolar. However, this character is variable in both genera (Wallin 1969; Koopman 1975; Heller and Volleth 1984). Baculum morphology (Heller and Volleth 1984; Hill and Harrison 1987) and karyological properties (Heller and Volleth 1984; Zima & Horacek 1985) also vary markedly among species assigned to *Pipistrellus* using dental characters. Heller and Volleth (1984) concluded that the genus *Eptesicus* is characterised by a distinct karyotype of $2n=50$, and removed those taxa with $2n > 44$ (*E. capensis* and some Australian species) from *Eptesicus* to *Pipistrellus*, a treatment they considered consistent with patterns of variation in baculum morphology.

After extensively reviewing variation in baculum morphology, Hill and Harrison (1987) divided *Pipistrellus* into seven subgenera. They transferred *anchietae* (see Kock (2001c) for justification of spelling) to the subgenus *Hypsugo* and four African species of *Eptesicus* (*capensis*, *melckorum*, *zuluensis* and *rendalli*) to the subgenus *Neoromicia* within *Pipistrellus*. *Hypsugo* was subsequently raised to generic rank on the basis of detailed morphological and biochemical analyses (Horacek and Hanak 1986; Ruedi and Arlettaz 1991), a treatment supported also by cytogenetic evidence showing radical reorganization of the genome and karyotypic evolution in *H. anchietae* (Kearney *et al.* 2002). Most of the other (extralimital) subgenera were subsequently also afforded full genus status, with the exception of *Pipistrellus* and *Neoromicia*. McBee *et al.* (1987) and Morales *et al.* (1991) provided further cytogenetic and electrophoretic evidence supporting the findings of Heller and Volleth (1984), but argued that further studies were needed to justify the inclusion of these

species in *Pipistrellus*. Koopman (1993a), therefore, recognised *Neoromicia*, but retained it as a subgenus of *Eptesicus*.

Volleth and Heller (1994) subsequently published more karyotypic evidence supporting the inclusion of *Neoromicia* within *Pipistrellus*, a treatment formalised by Koopman (1994). Most recently, Volleth *et al.* (2001) showed that the four African species included in *Neoromicia* (*capensis*, *nanus*, *rendalli* and *zuluensis*) display karyotypic synapomorphies typical of the Vespertilionini, in contrast to the other African *Pipistrellus* that show cytogenetic traits characteristic of the Pipistrellini. *Neoromicia* should thus be elevated to full generic rank to avoid recognising a paraphyletic *Pipistrellus*. Cladistic analysis of chromosomal data (showing that the four *Neoromicia* species also share three Robertsonian fusions), and of baculum characters in southern African species, provide additional support for recognising *Neoromicia* as a distinct genus (Kearney *et al.* 2002). Consequently, the genus *Eptesicus* in southern Africa is represented by only one species, namely *E. hottentotus*.

Genus *Barbastella* Gray, 1821

- *1821. *Barbastella* Gray, London Med. Repos., 15: 300. Type species: *Vespertilio barbastellus* Schreber, 1774. Publication date: 1 April 1821.
1829. *Barbastellus* Kaup, Skizz. Entw.-Gesch. Natürl. Syst. Europ. Thierwelt. Publication date: 1829.
1839. *Synotus* Keyserling and Blasius, Arch. Naturgesch. Berlin, 5 (1): 305. Type species: *Vespertilio barbastellus* Schreber, 1774. Publication date: 1839.

Taxonomy:
See Simmons (2005).

Etymology of name:
From Latin "*barba*" meaning bearded and "*stella*" meaning star (see Rydell and Bogdanowicz, 1997: 5).

Common names:
English: Barbastelle Bats, Barbastelles.

Barbastella barbastellus (Schreber, 1774)

- *1774. *Vespertilio barbastellus* Schreber, Die Säugethiere, 1 (8): pl. 55 + 1 (9): 168. Type locality: France: Burgundy. Publication date: 1774.
1838. *Barbastellus communis* Gray, Mag. Zool. Bot., 2 (12): 495. Publication date: 1 February 1838. Renaming of *V. barbastellus* Schreber, 1774.
1985. *Vespertilio barbastellus* Qumsiyeh, Spec. Publ. Mus. Texas Tech Univ., 23: 63. Lapsus.
2002. *Barbastella barbastellus guanchae* Trujillo, Ibáñez and Juste, Rev. Suisse Zool., 109 (3): 544. Type locality: Spain: Tenerife island, La Guancha, "Barranco de La Cantera" [300 m]. Type specimen: MNH 109 (Museo de La Naturaleza e El Hombre, Santa Cruz de Tenerife, Spain; holotype; ad M; collector Domingo Trujillo, collection date 1 September 1987).
- ? *Barbastella barbastellus*: Name combination.

Taxonomy:
Does not include *leucomelas*, see Rydell and Bogdanowicz (1997: 1, Mammalian Species, 557); but see Qumsiyeh (1985) and Horáček *et al.* (2000: 133), although the latter authors still consider *leucomelas* to be a valid species. Western Mediterranean and Canary Island forms reviewed by Juste *et al.* (2003).

5).
Conservation status:
Global- VU A2c ver 2.3 (1994).

Common names:
Basque: Baso-saguzar arrunt. Catalanian: Rat penat de bosc. Czech: netopýr černý. Danish: Bredøret flagermus. Dutch: Mopsvleermuis. English: Barbastelle, Western Barbastelle Bat, Western Barbastelle, Common Barbastelle, Barbastelle bat. French: Barbastelle, Barbastelle d'Europe, Barbastelle commune, Barbastelle occidentale. Gallician: Morcego das fragas. German: Mopsfledermaus. Hungarian: pisze denevér, Piszedenevér. Italian: Barbastello. Portuguese: Morcego-negro. Romanian: Barbastel ureglia lada. Russian: Evropejskaya shirokoushka. Spanish (Castilian): Murciélago de bosque. Swedish: Barbastell.

General distribution:
England and W Europe (incl. the Netherlands) to Caucasus (incl. Abkhasia); Norway; Sweden; Lithuania; Czech Republic, Austria; Bulgaria; Macedonia; Greece; Turkey; Crimea (Ukraine); Portugal; Morocco; larger Mediterranean islands; Canary Isls; perhaps Senegal; Afghanistan; N Pakistan; N India, Nepal, SW China. Possibly Indochina.

Etymology of name:
From Latin "*barba*" meaning bearded and "*stella*" meaning star (see Rydell and Bogdanowicz 1997:



Figure 154. Distribution of *Barbastella barbastellus*

Distribution based on voucher specimens:

Canary Islands [Spain].

Genus *Eptesicus* Rafinesque, 1820

- *1820. *Eptesicus* Rafinesque, Ann. Nature and annual synopsis of new genera and species of animals, p. 2. Type species: *Eptesicus melanops* Rafinesque, 1820 (= *Vespertilio fuscus* Beauvois, 1796). Publication date: 1820.
1829. *Cnephæus* Kaup, Skizz. Entw.-Gesch. Natürl. Syst. Europ. Thierwelt, 1: 103. Type species: *Vespertilio serotinus* Schreber, 1774. Publication date: 1829. Considered a valid subgenus by Hooper and Van Den Bussche (2003: 38), including *serotinus* and *hottentotus*.
1837. *Noctula* Bonaparte, Iconogr. Fauna ital., 1, fasc. 21. Type species: *Noctula serotina*: Bonaparte (= *Vespertilio serotinus* Schreber, 1774). Allen (1939a: 92) mentioned it in the genus *Nyctalus*, but referred to a publication from 1841.
1839. *Vesperugo* Keyserling and Blasius, Arch. Naturgesch. Berlin, 5 (1): 312. Publication date: 1839. In part.
1839. *Vesperus* Keyserling and Blasius, Arch. Naturgesch. Berlin, 5 (1): 313. Publication date: 1839. In part (see Allen, 1939a: 84; Pavlinov *et al.*, 1995: 112). Allen (1939a: 84) assigned it to Dobson, Cat. Chiropt. Brit. Mus., p. 184, 1878. Not of Latreille: see Cabrera (1914: 129).
1856. *Cateorus* Kolenati, Allg. deutsch. naturh. Zeitung, ser. 2, 2: 131. Type species: *Vespertilio serotinus* Schreber, 1774. Publication date: 1856.
1856. *Meteorus* Kolenati, Allg. deutsch. naturh. Zeitung, ser. 2, 2: 131. Publication date: 1856. Mentioned by Allen (1939a: 83) as "in part". Included with a question mark in the synonymy of *Eptesicus* by Pavlinov *et al.* (1995: 112).
1858. *Amblyotus* Kolenati, Sber. k. Akad. Wiss. Wien, math. naturw. Kl., 29: 252. Type species: *Amblyotus atratus* Kolenati, 1858 (= *Vespertilio nilssonii* Keyserling and Blasius, 1839). Publication date: 1858. Considered a valid subgenus by Pavlinov *et al.* (1995: 112).
1863. *Aristippe* Kolenati, ?
1866. *Pachyomus* Gray, Ann. Mag. nat. Hist., ser. 3, 17 (98): 90. Type species: *Scotophilus pachyomus* Tomes, 1857 (= *Vespertilio serotinus* Schreber, 1774). Publication date: 1 February 1866.
1870. *Nyctiptenus* Fitzinger, Sber. k. Akad. Wiss. Wien, math. naturw. Kl., 62 (1): 424. Type species: *Vespertilio smithii* Wagner, 1855 (= *Vespertilio hottentota* A. Smith, 1833).
1892. *Adelonycteris* H. Allen, Proc. Acad. Nat. Sci. Philadelphia, 43: 466 (for 1891). Publication date: 19 January 1892. Allen (1939a: 84) mentioned it "in part; substitute for *Vesperus*, preoccupied". Hall and Kelson (1959: 184) and Hall (1981: 213) stated that it is a renaming of *Vesperus* Keyserling and Blasius, 1839, which included part of both *Vespertilio* and *Eptesicus* and which is an homonym of *Vesperus* Latreille, 1829, an insect.
1906. *Rhinopterus* Miller, Proc. Biol. Soc. Washington, 19: 85. Type species: *Glauconycteris floweri* de Winton, 1901. Publication date: 4 June 1906.
1917. *Pareptesicus* Bianchi, Ann. Mus. zool. Acad. Impér. Sci. St. Petersburg, 21: lxxvii. Type species: *Vesperugo pachyotis* Dobson, 1871.
1917. *Rhynptesicus* Bianchi, Ann. Mus. zool. Acad. Impér. Sci. St. Petersburg, 21: lxxvii. Type species: *Vesperugo nasutus* Dobson, 1877.
1931. *Tuitatus* Kishida and Mori, Zool. Mag., Tokyo, 43: 372-391. Nomen nudum (see Meester *et al.* 1986: 56; Pavlinov *et al.*, 1995: 112).
1959. *Amblyotis* Hall and Kelson, Mammals of North America, 1: 183. Lapsus.
1959. *Nyctiptennis* Hall and Kelson, Mammals of North America, 1: 183.
1985. *Rhynptesicus* Horáček and Hanák, Myotis, 23-24: xx. Lapsus.
- ? *Cnephæus*: Current spelling.

Taxonomy:

Does not include *Neoromicia* Roberts, 1926, see Volleth *et al.* (2001), Kearney *et al.* (2002), and Hooper and Van Den Busche (2003).

Common names:

English: Big-brown bats, Serotines, Greater

Serotine Bats, Serotine Bats.

Etymology of name:

From the Greek "*epten*" meaning flying and "*oikos*" meaning house (house flier) (Flannery, 1995: 367; Kozhurina, 2002: 15; Álvarez-Castañeda and Álvarez Solórzano, 1996: 43).

Braun and Mares (1995: 179) state: "*eptesicus* (NL), a name coined by Rafinesque that he said he derived from "*epien*" (Greek), to fly + "*oikos*" (Greek), house (Palmer, 1904; Gotsch, 1979). However, the correct Greek word would more likely be "*eptén*", which means "I flew".

Distribution based on voucher specimens: Angola, Congo (Democratic Republic of the), Gabon, Senegal, Tanzania, The Gambia.

Eptesicus bottae (Peters, 1869)

- *1869. *Vesperus bottae* Peters, Monatsb. K. preuss. Akad. Wiss. Berlin, p. 406. Type locality: Yemen: no specific locality. Type specimen: MNHN 1987-297 (ad ?, skull and alcoholic, collector dr. Paolo Emilio Botta, collection date 1837).
- 1887. *Vesperugo (Vesperus) innesi* Lataste, Ann. Mus. Civ. Stor. Nat. Genova, ser. 2a, (O.S. 24) 4: 625, 2 text-figs. Type locality: Egypt: Cairo [30 03 N 31 15 E]. Type specimen: BMNH 1919.7.7.3528 (Lectotype: sad F; skull and alcoholic; collector Dr. Walter Innes, collection date 1885: see Qumsiyeh, 1985: 58). Publication date: 25 July 1887.
- 1891. *Vesperugo innesi*: Noack, Jb. Hamb. Wiss. Anst., 9: xx. Name combination.
- 1902. *Vespertilio innesi*: Anderson and de Winton, Zoology of Egypt: Mammalia: 121. Name combination.
- 1919. *E[ptesicus] innesi*: Thomas, J. Bomb. nat. Hist. Soc., 26: 746. Name combination.
- 1932. *Eptesicus innesi*: Flower, Proc. zool. Soc. Lond., 101: 382. Name combination.
- 1942. *Eptesicus (Eptesicus) bottae*: Tate, Bull. Am. Mus. Nat. Hist., 80: xx: Name combination.
- 1955. *Eptesicus isabellinus innesi*: Sanborn and Hoogstraal, J. Egypt. Publ. Health Ass., 30 (4): xxx. Name combination.
- 1956. *Eptesicus isabellinus bottae*: Harrison, Proc. zool. Soc. Lond., 127: xxx. Name combination.
- 1963. *E[ptesicus] bottae*: Harrison, Z. Säugetierk., 28 (1): 109. Name combination.
- 1964. *Eptesicus bottae bottae*: Harrison, Mammals of Arabia: 140. Name combination.
- 1964. *Eptesicus bottae innesi*: Harrison, Mammals of Arabia: 140. Name combination.
- 1964. *Eptesicus bottae*: Harrison, Mammals of Arabia: 140. Name combination.
- 1971. *Eptesicus [(Eptesicus)] bottae innesi*: Hayman and Hill, Mammals of Africa: Chiroptera: 44. Name combination.
- 1990. *Eptesicus (Eptesicus) bottae bottae*: Nader and Kock, Senckenb. biol., 79 (1/3): 2. (for 1989).
- 1994. *E[ptesicus (Eptesicus)] b[ottae] bottae*: Koopman, Chiroptera: 120. Name combination.
- 1994. *E[ptesicus (Eptesicus)] b[ottae] innesi*: Koopman, Chiroptera: 120. Name combination.

Taxonomy:

Revised by Nader and Kock (1990). Ellerman and Morrison-Scott (1966: 156) considers *isabellinus* to be a synonym of this species rather than of *E. serotinus*.

and Arabian peninsula (UAE, Saudi Arabia, Oman, Yemen), east over Iraq, Iran to Pakistan; Afghanistan; Kazakhstan, Turkmenistan, Uzbekistan, Kirghizia, Tadjikistan, NW China. Possibly in Syria, Transcaucasia, Mongolia.

Common names:

English: Botta's Serotine, Botta's Serotine Bat.
French: Sérotine de Botta. German: Bottas Breitflügelfledermaus.

Etymology of name:

In honour of Paul-Emile Botta (1802 - 1870), who collected the type specimen (see Kozhurina, 2002: 14).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Benda and Juste 2004).

General distribution:

Rhodos (Greece), Turkey, Egypt, Israel, Jordan,



Distribution based on voucher specimens:
Egypt, Yemen.

Figure 155. Distribution of *Eptesicus bottae*

Eptesicus floweri (de Winton, 1901)

- *1901. *Glauconycteris floweri* de Winton, Ann. Mag. Nat. Hist., ser. 7, 7 (37): 46. Type locality: Sudan: 12 mi (18 km) S from Khartoum, on White Nile, Wad Marium [c 15 25 N 32 25 E]. Type specimen: BMNH 1903.2.7.14 (Holotype, ad M, skin and skull, collector Mrs. Anderson and H.F. Witherby, collection number 35, collection date 12 May 1900). Publication date: 1 January 1901.
1908. *S[cabrifer] floweri*: G.M. Allen, Bull. Mus. comp. Zool., 52 (3): 46. Name combination.
1915. *Rhinopterus lowei* Thomas, Ann. Mag. Nat. Hist., ser. 8, 15 (90): 559. Type locality: Sudan: Blue Nile, 20 mi (30 km) above Sennaar [c 15 35 N 33 38 E, 450 m]. Type specimen: BMNH 1915.3.6.70 (Holotype, ad M, skull and alcoholic, collector Willoughby P. Lowe, collection date: 13 December 1913). Publication date: 1 June 1915.
1918. *Scabrifer floweri*: Wettstein, Denkschr. k. Akad. Wiss. Wien, Math.-Naturw. Kl., 94: 651. Name combination.
1939. *Rhinopterus floweri* G.M. Allen, Bull. Mus. comp. Zool., 83: 97. Name combination.
1969. *Eptesicus (Rhinopterus) floweri*: Kock, Abh. Senckenberg. naturforsch. Ges., 521: 166. Name combination.
1971. *Eptesicus (Rhinopterus) lowei*: Hayman and Hill, Order Chiroptera: 45. Name combination.
1974. *Eptesicus floweri*: Seal and Makey, ISIS Mammalian Taxonomic Directory: xxx. Name combination.
- ? *Eptesicus (Rhinopterus) floweri lowei*: Name combination.

Taxonomy:

Includes *lowei*; see Braestrup (1935: 92); but also see Hayman and Hill (1971).

Common names:

English: Horn-skinned Pipistrelle Bat, Flower's Pipistrelle Bat, Horn-skinned bat, Sudan Horn-skinned Bat, Lesser Sudan Horn-skinned Bat, Sudan serotine, Horn-skinned serotine. French: Sérotine du Soudan, Sérotine de Flower. German: Chagrin Fledermaus, Warzen-Breitflügelfledermaus.

Conservation status:

Global- LR/nt (Baillie and Groombridge 1996); VU D2 ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004).

General distribution:

Sudan, Mali, Mauritania (Padial and Ibáñez, 2005: 240).



Figure 156. Clockwise from top lateral, ventral and dorsal skull images of BMNH 1903.2.7.14, holotype of *Glauconycteris floweri* de Winton, 1901.



Distribution based on voucher specimens:
Sudan.

Figure 157. Distribution of *Eptesicus floweri*

***Eptesicus hottentotus* (A. Smith, 1833)**

- *1833. *Vespertilio hottentota* A. Smith, S. Afr. Quart. J., ser. 2, 1 (2): 59. Type locality: Republic of South Africa: Cape Province, Uitenhage (Restricted to Uitenhage (from Uitenhage and Albany) by Ellerman *et al.* (1953): see Meester *et al.*, 1986: 57). Publication date: November 1833.
- 1840. *Vespertilio megalurus* Temminck, Monogr. Mamm., 2: 206. Type locality: Republic of South Africa: Interior of South Africa. Publication date: 1835-1841.
- 1849. *Vespertilio minutus* A. Smith, Illustr. Zool. S. Afr. Mamm., pl. 51 and text. Pre-occupied by *Vespertilio minutus* Montagu, 1808 and *Vespertilio minuta* Temminck, 1840.
- 1855. *Vespertilio (Vesperus) megalurus*: Wagner, Schreber's Säugeth., Suppl. 5: 747. Name combination.
- 1855. *Vespertilio smithii* Wagner, Schreber's Säugeth., Suppl. 5: 747. Type locality: Republic of South Africa: . Publication date: 1855.
- 1860. *Cateorus megalurus*: Kolenati, Monographie der Europäischen Chiroptern.: 20. Name combination.
- 1878. *Vesperugo (Vesperus) megalurus*: Dobson, Cat. Chiroptera Brit. Mus.: 199. Name combination.
- 1878. *Vesperugo (Vesperus) smithii*: Dobson, Cat. Chiroptera Brit. Mus.: 198. Name combination. Dobson (1878) considered it to be a synonym of *Vesperugo (Vesperus) capensis*.
- 1887. *Vesperus megalurus*: Jentink, Mus. Hist. nat. Pays-Bas, Leyden, 1: xxx. Name combination.
- 1897. *Vesperugo (Eptesicus) megalurus*: Thomas, Proc. zool. Soc. Lond., 1896, IV: 791. Name combination.
- 1901. *Vespertilio (Eptesicus) megalurus*: Sclater, The mammals of South Africa: 123. Name combination.
- 1924. *E[ptesicus] smithii*: Roberts, Ann. Transv. Mus., 10: 60.
- 1931. *Eptesicus megalurus*: Hewitt, A guide to the Vertebrate fauna of the Eastern Cape Province: 23. Name combination.
- 1938. *Scotophilus angusticeps* Shortridge and Carter, Ann. S. Afr. Mus., 32: 282. Type locality: Republic of South Africa: W Cape Province, 10 mi (16 km) N Citrusdal, Hex River Estate.
- 1939. *Eptesicus smithii*: G.M. Allen, Bull. Mus. comp. Zool., 83: 87. Name combination.
- 1942. *Eptesicus megalurus pallidior* Shortridge, Ann. S. Afr. Mus., 36: 37. Type locality: Republic of South Africa: NW Cape Province, Klein Namaqualand, Orange River, Goodhouse.
- 1946. *E[ptesicus] h[ottentotus] hottentotus*: Roberts, Ann. Transv. Mus., 20: 305. Name combination.

1946. *Eptesicus hottentotus bensoni* Roberts, Ann. Transv. Mus., 20: 305. Type locality: Malawi: Ncheu (=Ntcheu) [14 49 S 34 38 E, 1 100 m]. Type specimen: TM 9167 (ad. M, skin and skull, collector: C.W. Benson, collection date: 31 October 1939 original number 94).
1951. *Eptesicus hottentotus angusticeps*: Roberts, The mammals of South Africa: 551. Name combination.
1951. *Eptesicus hottentotus hottentotus*: Roberts, The mammals of South Africa: 86. Name combination.
1951. *Eptesicus hottentotus pallidior*: Roberts, The mammals of South Africa: 86. Name combination.
1953. *Eptesicus (Eptesicus) hottentotus bensoni*: Ellerman, Morrison-Scott and Hayman, Southern African mammals: 76. Name combination.
1953. *Eptesicus (Eptesicus) hottentotus hottentotus*: Ellerman, Morrison-Scott and Hayman, Southern African mammals: 76. Name combination.
1953. *Eptesicus (Eptesicus) hottentotus pallidior*: Ellerman, Morrison-Scott and Hayman, Southern African mammals: 76. Name combination.
1953. *Eptesicus (Eptesicus) hottentotus*: Ellerman, Morrison-Scott and Hayman, Southern African mammals: 76. Name combination.
1954. *Eptesicus hottentotus*: Ellerman, Ann. Univ. Stellenbosch, 30 A (1): 32. Name combination.
1969. *Eptesicus serotinus hottentotus*: Kock, Abh. Senckenberg. naturforsch. Ges., 521: 214. Name combination.
1986. *Eptesicus hottentotus portavernus* Schlitter and Aggundey, Cimbebasia, (A) 8 (20): 172. Type locality: Kenya: Rift Valley province, Naivasha district, 20 km S, 14 km W Naivasha, Hell's Gate Canyon (=Njorowa Gorge) [00 54 S 36 19 E]. Type specimen: CM 89000 (ad M, skin and skull, collector Duane A. Schlitter, collection date 30 September 1985, original number 6906: see Schlitter and Aggundey, 1986: 172 - S99).
1986. *Eptesicus hottentotus protavernus* Schlitter and Aggundey, Cimbebasia, (A) 8 (20): 174. Lapsus.
1994. *E[ptesicus (Eptesicus)] h[ottentotus] portavernus*: Koopman, Chiroptera: 120. Name combination.
2003. *Eptesicus (Cnephaeus) hottentotus*: Hooper and Van Den Bussche, Acta Chiropt., 5 (Suppl.): 38. Name combination.

Taxonomy:

Revised by Schlitter and Aggundey (1986), who described a new subspecies from Kenya - *Eptesicus hottentotus portavernus*. Besides the nominate form and the newly describe subspecies, their work recognised one other subspecies *E. h. bensoni* (Roberts, 1946), but not *E. h. pallidior* (Shortridge, 1942), which they synonymised with the nominate subspecies (Schlitter and Aggundey, 1986. Simmons (2005: 455) recognised the same subspecies. An analysis of specimens from southern Africa showed support for the synonymization of *E. h. pallidior*, but also indicated that either the subspecies delineation between *E. h. hottentotus* and *E. h. bensoni* is also not as distinct, or the distribution of *E. h. bensoni*, described from Malawi, requires revision (Kearney, 2006). Although the distribution of *E. h. bensoni* in Meester *et al.* (1986: 57) included parts of South Africa, as well as Mozambique, Zimbabwe and Malawi, Hayman and Hill (1971) listed only Malawi and Zambia, and the subspecies was not included in the list of mammals from South Africa by Roberts (1951; 1954). Included in the

subgenus *Cnephaeus* by Hooper and Van Den Bussche (2003: 38).

Common names:

Afrikaans: Langstert-dakvlermuis. English: Long-tailed Serotine Bat, Hottentot Serotine Bat, Long-tailed Greater Serotine Bat, Long-tailed House Bat. French: Sérotine des maisons à longue queue. Portuguese: Morcego caseiro Hottentot.

Etymology of name:

The colloquial name is derived from the fact that the tail of this species is much longer than in its sister taxa (see Smithers; 1983; Skinner and Smithers, 1990: 108; Taylor, 2005).

Similar species:

Has been confused with *Scotophilus* (Roberts, 1946; 1951: 86; 1954: 86; Kearney and Seemark, 2004), although *E. hottentotus* has bicoloured hair and two upper incisors, while *Scotophilus* has single coloured hair and one upper incisor.

Palaeontological / archaeological records:

E. hottentotus was found from the upper Pleistocene at Border Cave and possibly the late Holocene at Nkupe, South Africa (Avery 1991: 6).

Conservation status:

Global- LR/lc (Baillie and Groombridge, 1996); LC ver 3.1 (2001) (IUCN 2004; Jacobs and Cotterill, 2004a).

Regional- South Africa- LC ver 3.1 (2001) (Friedmann and Daly, 2004).

General distribution:

Kenya (Schlitter and Aggundey, 1986), Zambia (Ansell, 1960: 20), Kenya (Schlitter and Aggundey, 1986), Malawi (Kershaw, 1922: 182); Roberts, 1946: 305; Happold *et al.* 1987; Ansell and Dowsett, 1988: 38), Angola (Crawford-Cabral, 1966: 137; 1989; Feiler, 1990, Namibia (Griffin, 1999: 30; Rautenbach *et al.* 1993: 93), Zimbabwe (Peterson and Nagorsen, 1975; Cotterill, 1996: 78), Mozambique (Smithers and Lobao Tello, 1976: 60), South Africa (Shortridge and Carter, 1938: 282; Shortridge, 1942: 38; Roberts, 1951: 86; 1954: 86; Rautenbach *et al.*, 1981; Rautenbach and Espie, 1982; Herselman and Norton, 1985: 100; Rautenbach *et al.* 1993: 93); Lynch, 1994; Taylor, 1998; Watson, 1998; Avery 1991: 6; Kearney and Seamark, 2004; Seamark and Brand, 2005: 8), and Lesotho (Lynch, 1994).

Geographic variation:

See also the section on "Taxonomy". *E. h. bensoni* is smaller than either *E. h. hottentotus* and *E. h. portavernus* (Schlitter and Aggundey, 1986). *E. h. bensoni* is darker in colour, "tawny olive" (Roberts, 1946), than *E. h. portavernus* (Schlitter and Aggundey, 1986), and *E. h. hottentotus* (Roberts, 1946: 305). Morphometric analysis of cranial size supported the synonymization of *E. h. pallidior* with the nominate species (Schlitter and Aggundey, 1986; Kearney, 2006), which had been described on the basis of the paler colour, "rufous-buff" (Shortridge, 1942:), that is found in specimens from the Northern Cape and Namibia. Although, colour is darker in specimens from Taung in the North West Province of South Africa (Herselman and Norton, 1985: 100), and in specimens from Angola - "gold brownish" (Crawford-Cabral, 1966; 1989: 19). Relative to *E. h. hottentotus*, *E. h. portavernus* has a deeper braincase and shorter palatal length (Schlitter and Aggundey, 1986).

General description of external morphology:

For a general description of overall size, and pelage and membrane colour see Temminck (1840), Sclater (1901: 126), Shortridge and Carter (1938: 282), Shortridge (1942:), Roberts

(1946), Smithers (1983), Skinner and Smithers (1990: 108), Taylor (2000), Taylor (2005: 318). For a general description of the ear and tragus see Temminck (1840), Sclater (1901: 126), Smithers (1983), Skinner and Smithers (1990: 108), Taylor (2000), Taylor (2005: 318).

General description of cranial and dental morphology:

For a general description of the skull see Shortridge and Carter (1938: 282), Roberts (1946). For a general description of the teeth see Sclater (1901: 126).

Detailed morphology:

Baculum - See Hill and Harrison (1987) and Kearney *et al.* (2002).

Dental - See Menu (1985; 1987).

Functional morphology:

Unknown.

Sexual dimorphism:

An analysis of specimens from southern Africa showed no significant difference between the sexes in 12 cranial and dental, and eight external measurements, but females were significantly larger than males by 5.21 and 6.78 percent respectively for forearm and third metatarsal lengths (Kearney, 2006).

Echolocation:

Based on a single room-flown individual the call was recorded as a short duration (2-4 ms), broadband (20-54 kHz) call with a dominant frequency of 28-32 kHz, and harmonic components (Taylor, 2000: 89). The call frequency, outside the sensitivity range of moths, is suggested to have evolved in response to moth hearing (Schoemann and Jacobs, 2003).

Molecular biology:

DNA - See Hoofer and Van Den Bussche (2003, Stadelmann *et al.* (2004), Eick *et al.* (2005) and Matthee *et al.* (2007).

Karyotype - Results of all analyses, based on specimens from Zimbabwe (Peterson and Nagorsen, 1975), Namibia and Limpopo Province in South Africa (Rautenbach *et al.*, 1993: 93), and the Western Cape Province in South Africa (Kearney *et al.*, 2002: 59), agreed the diploid number is $2n=50$, with 24 pairs of acrocentric autosomes, hence a fundamental number of FN = 48. The X chromosome is a medium-sized submetacentric, and the Y a small acrocentric (Peterson and Nagorsen, 1975; Rautenbach *et al.*, 1993: 93; Kearney *et al.*, 2002: 59).

Protein / allozyme - See Morales *et al.* (1991) for results from ten specimens from Namibia.

Habitat:

Often associated with mountainous country, in close proximity to water (see references under "Habits").

Habits:

In Angola specimens collected from Capolopopo were "performing sweeping flights over a water tank, apparently catching insects" (Crawford-Cabral, 1989: 19), as was also noted by Roberts (1951: 87) for individuals observed at Eronga Mountain in Namibia. In Mozambique a single specimen was mistnetted in the Zambezi Valley northwest of Tete (Smithers and Lobao Tello, 1976: 60). Specimens collected at Goodhouse in the Northern Cape Province of South Africa were shot "whilst "planing" very slowly in wide circles around a cattle kraal, to which they were attracted by a swarm of flies" (Shortridge, 1942: 38). Shortridge (1942: 38) also observed them to be weak fliers, coming out at late dusk after *Cistugo* and *Sauromys*. In 1985, near Buxton in the North West Province of South Africa, some 11 years after this species had been taken from a roost at the entrance to an old mine tunnel (see below under "Roost"), three females were netted flying out of the tunnel, two at 20h45, and another at 21h40, while a male was caught returning at 23h30 (James, 1986: 219). The first specimen of this bat caught in the northern part of the Kruger National Park in South Africa was mistnetted after sunset in a figtree forest on the banks of the Luvuvhu River (Rautenbach and Espie, 1982: 112). In the Free State Province of South Africa a specimen was netted at Sterkfontein Dam in "well-wooded, broken country with patches of marshy open grassland" (Watson, 1998). A specimen from Ithala Game Reserve in northern KwaZulu-Natal Province of South Africa was netted over a river with well-wooded banks (Rautenbach *et al.* 1981: 24). At Rocherpan in the Western Cape Province of South Africa specimens were netted flying low over a marsh (Herselman and Norton, 1985: 100). In the Cederberg region of the Western Cape Province of South Africa specimens were netted, in January and February between 20h45-21h52, at the edges of water bodies (Seamark and Brand, 2005: 8). In Lesotho specimens were netted over grassy banks adjacent to rivers in mountainous terrain, at Malealea the species was caught in October at 20h30 (Lynch, 1994: 197).

Roost:

In Zimbabwe a specimen was found "clinging to a wall in an open building with a corrugated iron roof" (Smithers and Lobao Tello, 1976: 60), and at Marandellas "hanging on the wall of a squash court" (Smithers and Wilson, 1979: 45). Specimens from Taung in the North West

Province of South Africa were taken (between 1976-1979) from a hollow in rocks at the entrance to an old mine tunnel inhabited by *Miniopterus schreibersii* (Herselman and Norton, 1985: 100).

Migration:

Unknown.

Diet:

Insectivorous (Smithers, 1983; Skinner and Smithers, 1990: 108; Taylor, 2005: 318). Schoeman and Jacobs (2003) identified tympanate moths in the diet of individuals from the Western Cape Province of South Africa.

Predators:

Unknown.

Population:

Structure - Unknown.

Density - Shortridge (1942: 38) indicated this bat was not plentiful around Goodhouse in the Northern Cape of South Africa and only observed half a dozen individuals. In other instances specimens have either been found singly or in groups of two to five (Smithers and Wilson, 1979; Herselman and Norton, 1985: 100; Smithers, 1983; Watson, 1998).

Lifespan:

Unknown.

Activity and behaviour:

Unknown.

Reproduction and ontogeny:

Unknown.

Mating:

Unknown.

Post-natal development:

Unknown.

Parasites:

Ectoparasite - *Pteracarus pusillus* (Fain, 1978: 78).

Viruses:

Unknown.

Utilization:

Unknown.

Anthropophilous:

Unknown.



Distribution based on voucher specimens:
Angola, Kenya, Lesotho, Malawi, Mozambique,
Namibia, South Africa, Zambia, Zimbabwe.

Figure 158. Distribution of *Eptesicus hottentotus*

Eptesicus platyops (Thomas, 1901)

- *1901. *Vespertilio platyops* Thomas, Ann. Mag. Nat. Hist., ser. 7, 8 (43): 31. Type locality: Nigeria: Western Region, Lagos [06 27 N 03 23 E]. Type specimen: BMNH 1888.5.17.3 (Holotype, ad F, skull and alcoholic, gift George Edward Dobson). Publication date: 1 July 1901.
- 1939. *Eptesicus platyops*: G.M. Allen, Bull. Mus. comp. Zool., 83: 86. Name combination.
- 1969. *Eptesicus serotinus platyops*: Kock, Abh. Senckenberg. naturforsch. Ges., 521: 214. Name combination.
- 1980. *Eptesicus (Eptesicus) platyops*: Corbet and Hill, A world list of mammalian species: xxx. Name combination.
- 1994. *E[ptesicus (Eptesicus)] s[erotinus] platyops*: Koopman, Chiroptera: 120. Name combination.

Taxonomy:

Considered a subspecies of *E. serotinus* by Ibáñez and Valverde (1985) and Koopman (1994: 120), but no comparison with *E. bottae* was made.

Common names:

English: Lagos Serotine Bat, Flat-faced Serotine Bat, Lagos serotine. French: Sérotine de Lagos. German: Lagos-Breitflügelfledermaus.

Etymology of name:

From the Greek "*platyops*" for broad-faced or flat-faced.

Conservation status:

Global- VU (Baillie and Groombridge 1996); DD ver 3.1 (2001) (IUCN 2004; Schlitter 2004e).

General distribution:

Nigeria, Senegal, Bioko.



Figure 159. Distribution of *Eptesicus platyops*

Distribution based on voucher specimens:
Nigeria, Senegal.

Eptesicus serotinus (Schreber, 1774)

- *1774. *Vespertilio serotinus* Schreber, Die Säugethiere, 1 (7): pl. 53 + 1 (9): 167. Type locality: France: no specific locality. Publication date: 1774.
1838. *Scotophilus serotinus*: Gray, Mag. Zool. Bot., Edinburgh, 2 (12): 497. Name combination.
1839. *Vesperugo (Vesperus) serotinus*: Keyserling and Blasius, Arch. Naturg., 5 (1): 313. Name combination.
1840. *Vespertilio isabellinus* Temminck, Monogr. Mamm., 2: 205, pl. 52, fig. 1, 2. Type locality: Libya: near Tripoli. Publication date: 1835-1841. Considered a valid subspecies by Horáček *et al.* (2000: 124). Considered a valid species by Benda *et al.* (2004b: xx).
1855. *Vespertilio (Vesperugo) serotinus*: Wagner, Schreber's Säugethiere, Suppl. 5: 732. Name combination.
1855. *Vespertilio (Vesperus) isabellinus*: Wagner, Schreber's Säugethiere, Suppl. 5: 746. Name combination.
1856. *Vesperus (Cateorus) Sorotinus* Kolenati, Allg. deutsche naturh. Zeitung, N.F., 2 (5): 162. Lapsus.
1856. *Vesperus serotinus*: Kolenati, Allg. deutsche naturh. Zeitung, N.F., 2 (4): 122. Name combination.
1860. *Cateorus serotinus*: Kolenati, Monographie der Europäischen Chiroptern: 6. Name combination.
1860. *Meteorus isabellinus*: Kolenati, Monographie der Europäischen Chiroptern: 20. Name combination.
1862. *Vespertilio (Cateorus) serotinus*: Koch, Nass. naturw. Jahrb., 18: 393. Name combination.
1862. *Vesperugo serotinus*: Jeitteles, Verh. Zool. Bot. Ges. Wien, 12: xxx. Name combination.
1880. *Vesperugo (Vesperus) serotinus isabellinus* Dobson, Bull. Soc. zool. France, 5: xxx. Name combination.
1885. *Vesperugo serotinus isabellinus*: Lataste, Act. Soc. Linn. Bordeaux, 39: 189. Name combination.
1897. *Vesperugo (Vesperus) serotinus var. gabonensis* Trouessart, Cat. Mamm. Viv. Foss., 2nd ed, pt. 1: 108. Type locality: 'Gabon': allegedly from Gabon, Africa, but almost certainly from Kashmir or N India (see Hayman and Hill, 1971: 44; Ibáñez and Valverde, 1985; Corbet and Hill, 1992: 131). However, see Grubb (2004: 92); who indicates that Gabon might not be rejected. Type specimen: BMNH 1873.4.16-19. Publication date: 1897. Based on *V. s. var. a* of Dobson, 1878: 192 (see Corbet and Hill, 1992: 131). Considered a subspecies by Corbet and Hill (1992), but not attributable to any subspecies according to Simmons (2005). Grubb (2004: 92) indicates it might be a junior synonym of *pachyomus* or a senior synonym of *platyops*.
1900. *Eptesicus serotinus*: Méhely, Monographia Chiropteroorum Hungariae: 209. Name combination.
1905. *Vespertilio (Eptesicus) serotinus isabellinus*: Trouessart, Caus. sci. Soc. zool. France, 1 (10): xxx. Name combination.
1905. *Vespertilio (Eptesicus) serotinus*: Trouessart, Caus. sci. Soc. zool. France, 1 (10): xxx. Name combination.
1909. *Eptesicus serotinus isabellinus*: Satunin, Mitt. Kauk. Mus., 4: 297. Name combination. However, this is not *isabellinus* Temminck, 1835-1841, but *isabellinus* Blyth, 1851.
1937. *Eptesicus isabellinus*: Laurent, Mammalia, 1: 153. Name combination.
1939. *Eptesicus serotinus gabonensis*: Allen, Bull. Mus. comp. Zool., 83: 87. Name combination.
1939. *Eptesicus serotinus isabellinus*: G.M. Allen, Bull. Mus. comp. Zool., 83: 87. Name combination. First use for *isabellinus* Temminck, 1835-1841.
1942. *Eptesicus (Eptesicus) isabellinus*: Tate, Bull. Am. Mus. Nat. Hist., 80: xxx. Name combination.
1942. *Eptesicus (Eptesicus) serotinus*: Tate, Bull. Am. Mus. Nat. Hist., 80: xxx. Name combination.
1954. *Eptesicus isabellinus isabellinus*: Toschi, Ric. Zool. appl. Caccia, Bologna, 2 (7): xxx. Name combination.
1962. *Eptesicus gabonensis*: Basilio, La vida animal en la Guinea Española: xxx. Name combination.

1971. *Eptesicus (Eptesicus) serotinus isabellinus*: Hayman and Hill, Order Chiroptera: 44. Name combination.
 2003. *Eptesicus (Cnephaeus) serotinus*: Hooper and Van Den Bussche, Acta Chiropt., 5 (Suppl.): 35. Name combination.
 ? *Eptesicus (Amblyotus) isabellinus*:

Taxonomy:

See comments under *platyops*. Horáček *et al.* (2000: 124): "Considered conspecific with the Nearctic *E. fuscus* by Koopman (1994) what, however, would be the only case of a bat with a Holarctic distribution". Included in the subgenus *Cnephaeus* by Hooper and Van Den Bussche (2003: 38).

Le Berre (1990: 102) considers *Eptesicus isabellinus* to be a synonym of *Eptesicus bottae* (see also comments under that species).

The status of *gabonensis* still remains unclear. Although originally described by Trouessart (1897: 108) from Gabon, Hayman and Hill (1971: 44) and Ibáñez and Valverde (1985: 242) suggest it almost certainly originated from Kashmir or Northern India. Kock (1969: 162) considered it to be senior synonym of *Eptesicus platyops*, which is supported by Grubb (2004: 92), who discussed this in detail.

Pending further analyses, we retain *gabonensis* in the synonymy of *Eptesicus serotinus*.

Common names:

Basque: Baratz-saguzarra. Catalanian: Rat penat dels graners. Czech: netopýr večerní. Danish: Sydflagermus. Dutch: Laativlieger. English: Serotine Bat, Serotine, Common Serotine Bat, Big Brown Bat. French: la sérotine commune, Grande sérotine, Sérotine. Gallician: Morcego das hortas. German: Breitflügelfledermaus. Hungarian: kései denevér, Közönséges késeidenevér. Italian: Serotino comune, Serotino. Maltese: Serotin. Polish: Mroczek późny. Portuguese: Morcego-hortelão. Roman: Serotin da l'ala lada. Russian: Pozdnij kozhan. Slovenian: pozni netopir. Spanish (Castilian): Murciélago hortelano, Murciélago de huerta.

Swedish: Sydfladdermus.

Conservation status:
 Global- LR: lc.

General distribution:

W Europe (incl. the Netherlands), Portugal, through Sweden, Lithuania, Czech Republic, Austria, Albania, Greece, S Asiatic Russia (incl. Abkhazia) over Afghanistan, N Pakistan, N India to Himalayas, Nepal, Tibet, Thailand, Laos, and China (Yunnan, Hunan, Fujian, Zhejiang), north to Korea; Taiwan, S England; N Africa (incl. Morocco); most islands in Mediterranean; Israel; perhaps Subsaharan Africa.



Figure 160. Distribution of *Eptesicus serotinus*

Distribution based on voucher specimens:
 Algeria, 'Gabon', Morocco, Tunisia.

Genus *Glauconycteris* Dobson, 1875

- *1875. *Glauconycteris* Dobson, Proc. zool. Soc. Lond., 1875, III: 383. Type species: *Kerivoula poensis* Gray, 1842. Publication date: October 1875.

Taxonomy:

Bronner *et al.* (2003) state that although occasionally treated as a subgenus of *Chalinolobus* (Koopman 1971; Swanepoel *et al.*, 1980; Honácki *et al.*, 1982; Meester *et al.*, 1986; Koopman 1993a; Taylor (1998: 49); Wilson and Cole 2000), *Glauconycteris* has often been considered as a distinct genus (Allen 1939a; Roberts 1951; Ellerman *et al.*, 1953; Hayman and Hill 1971; Corbet and Hill 1980, 1992). Despite some superficial cranial resemblance, the marked difference in baculum morphology (Hill and Harrison 1987) and karyotypic properties (Rautenbach *et al.*, 1993. Ansell and Dowsett

(1988: 38), Volleth and Heller 1994) and Eger and Schlitter (2001: 1) support the recognition of these taxa as discrete genera (N. Simmons in litt.). *Glauconycteris* is thus represented in the southern African subregion by a single species, *G. variegata* (butterfly bat), while *Chalinolobus* is extralimital (Australia).

Common names:

English: Butterfly Bats, Lobe-lipped Bats, Silvered Bats, Blue-grey Bats, Dobson's Bats, Glauconycterids.

Glauconycteris alboguttata J.A. Allen, 1917

- *1917. *Glauconycteris alboguttatus* J.A. Allen, Bull. Am. Mus. Nat. Hist., 37 (18): 449, text-fig. 7, B. Type locality: Democratic Republic of the Congo: Oriental province, Medje. Type specimen: AMNH 49317 (ad F, alcoholic and skull, collector: Herbert Lang and James P. Chapin (American Museum Congo Expedition), collection date: 14 March 1914, original number 2351). Publication date: 29 September 1917.

? *Chalinolobus alboguttatus*: Name combination.

? *Glauconycteris alboguttata*: Current spelling.

Taxonomy:

See Simmons (2005).

Common names:

English: Allen's Butterfly Bat, Striped Butterfly Bat, White-spotted Butterfly Bat, Allen's striped bat. French: Barbastelle d'Allen.

Etymology of name:

From the Latin "*alboguttata*" meaning white spotted.

Conservation status:

Global- VU assessed as *Chalinolobus alboguttatus* (Baillie and Groombridge 1996); DD ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004e).

General distribution:

Democratic Republic of the Congo, Cameroon.

Distribution based on voucher specimens:

Congo (Democratic Republic of the).



Figure 161. Distribution of *Glauconycteris alboguttata*

Glauconycteris argentata (Dobson, 1875)

- *1875. *Chalinolobus argentatus* Dobson, Proc. Zool. Soc. Lond., 1875, III: 385. Type locality: Cameroon: Western Province, Mount Cameroon. Type specimen: BMNH 1871.7.10.5 (Holotype). Publication date: October 1875.
1889. *Chalinolobus congicus* Noack, Zool. Jahrb., Syst., 4: 223, pl. 2, fig 1; pl. 5, fig 66 - 68. Type locality: Democratic Republic of the Congo: near mouth of Congo River, Netonna. Type specimen: SMF 2516 (Holotype, M, skull only, collector P. Hesse). Publication date: 28 February 1889.
- ? *Glauconycteris argentata*: Name combination.

Taxonomy:
See Simmons (2005).

Common names:
English: Common Butterfly Bat, Silvery Butterfly Bat, Silvered Butterfly Bat, Silvered bat. French: Barbastelle argentée.

Conservation status:
Global- LR/lc assessed as *Chalinolobus argentatus* (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004g).

General distribution:
Cameroon to Kenya, south to Angola and Tanzania; Malawi (Ansell and Dowsett, 1988: 39).

Distribution based on voucher specimens:
Cameroon, Congo (Democratic Republic of the), Rwanda.



Figure 162. Distribution of *Glauconycteris argentata*

Glauconycteris beatrix Thomas, 1901

- *1901. *Glauconycteris beatrix* Thomas, Ann. Mag. Nat. Hist., ser. 7, 8 (45): 256. Type locality: Equatoria Guinea: Rio Muni, Benito River, 15 mi. (24 km) from mouth (Grubb *et al.*, 1998: 89 mention "Benito River, French Congo, fifteen miles from mouth [Mbini River, in Equatorial Guinea]"). Type specimen: BMNH 1898.5.4.19 (Holotype, F, collector: G.L. Bates, collection date: January 1898). Publication date: 1 September 1901.
- ? *Chalinolobus beatrix*: Name combination.

Taxonomy:
Koopman (1993a: 199) included *humeralis*; see Koopman (1971: 7, 8), but see Simmons (2005).

Common names:
English: Beatrix Butterfly Bat, Beatrix's bat. French: Barbastelle de Béatrix.

Conservation status:
Global- LR/nt assessed as *Chalinolobus beatrix*

(Baillie and Groombridge 1996); NT ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004f).

General distribution:
Ivory Coast, Cameroon, Equatorial Guinea, Gabon, Central African Republic (Lunde *et al.*, 2001: 537).

Distribution based on voucher specimens:
Equatorial Guinea.

Glauconycteris curryae Eger and Smith, 2001

2001. *Glauconycteris curryae*: Eger, Acta Chiropt., 3 (2): 248. Emendation and current spelling.
- *2001. *Glauconycteris curryi* Eger and Schlitter, Acta Chiropt., 3 (1): 2. Type locality: Cameroon: Bipindi, 10 km W [03 05 N 10 25 E, c 300 m]. Type specimen: ROM 56243 (ad F, skin and skull, collector: R.L. Peterson, R. Glen, and P. Imbanyi, collection date 19 February 1970; note: netted over a pool in a vast stand of bamboo, by a river see Eger and Schlitter, 2001: 2).

Taxonomy:
See Simmons (2005).

Common names:
English: Curry's Butterfly Bat, Curry's Bat.

Etymology of name:
Named in honour of Noreen Curry, in recognition of her interest in bats and her support of Royal Ontario Museum field research in Africa and bat education at the ROM (see Eger and Smith, 2001).

Conservation status:
Global- DD ver 3.1 (2001) (IUCN 2004; Schlitter 2004f).

General distribution:
Cameroon, NW Democratic Republic of the Congo.

Distribution based on voucher specimens:
[Cameroon](#).



Figure 163. Distribution of *Glauconycteris curryae*

Glauconycteris egeria Thomas, 1913

- *1913. *Glauconycteris egeria* Thomas, Ann. Mag. Nat. Hist., ser. 8, 11 (61): 144. Type locality: Cameroon: Western Province, Bibundi. Type specimen: BMNH 1912.12.13.3 (Holotype, M, presented by Prof. E. Lampe, Wiesbaden Museum, origina number 22). Publication date: 1 January 1913.
- ? *Chalinolobus egerius*: Name combination.

Taxonomy:
See Simmons (2005).

Common names:
English: Bibundi Butterfly Bat, Bibundi bat.
French: Barbastelle du Bibundi.

Conservation status:
Global- LR/lc assessed as *Chalinolobus egeria* (Baillie and Groombridge 1996); DD ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004n).

General distribution:
Cameroon, Central African Republic; a record from Uganda was listed by Koopman (1993a: 199) but this is apparently unconfirmed (Simmons, 2005).

Distribution based on voucher specimens:
Cameroon.

Glauconycteris gleni Peterson and Smith, 1973

- *1973. *Glauconycteris gleni* Peterson and Smith, Life Sci. Occ. Pap., R. Ont. Mus., 22: 3. Type locality: Cameroon: near Lomie.
 ? *Chalinolobus gleni*: Name combination.

Taxonomy:

See Simmons (2005).

Global- LR/nt assessed as *Chalinolobus gleni* (Baillie and Groombridge 1996); VU D1 ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004m).

Common names:

English: Glen's Butterfly Bat, Glen's wattled bat.
French: Barbastelle de Glen.General distribution:
Cameroon, Uganda.

Conservation status:

Glauconycteris humeralis J.A. Allen, 1917

- *1917. *Glauconycteris humeralis* J.A. Allen, Bull. Am. Mus. Nat. Hist., 37 (18): 448, text-fig. 7, A. Type locality: Democratic Republic of the Congo: Oriental province, Medje. Type specimen: AMNH 49013 (ad F, skin and skull, collector: Herbert Lang and James P. Chapin (American Museum Congo Expedition), collection date: 7 September 1910, original number 956). Publication date: 29 September 1917.
 ? *Chalinolobus humeralis*: Name combination.
 ? *Glauconycteris beatrix humeralis*: Name combination.

Taxonomy:

Included in *beatrix* by Koopman (1993a: 199), considered a subspecies of *beatrix* by Eger and Schlitter (2001), but considered a valid species by Simmons (2005).

Common names:

English: Allen's Spotted Bat.

Conservation status:

Global- DD ver 3.1 (2001) (IUCN 2004; Schlitter 2004k).

General distribution:

Kenya, Uganda, Democratic Republic of the Congo (Eger and Schlitter, 2001: 7).

Distribution based on voucher specimens:

Congo (Democratic Republic of the).



Figure 164. Distribution of *Glauconycteris humeralis*

Glauconycteris kenyacola Peterson, 1982

- *1982. *Glauconycteris kenyacola* Peterson, Can. J. Zool., 60: 2521. Type locality: Kenya: Coast Prov., 8.5 km N Garsen.
 ? *Chalinolobus kenyacola* (?): Name combination.

Taxonomy:

See Simmons (2005).

Conservation status:

Global- DD assessed as *Chalinolobus kenyacola* (Baillie and Groombridge 1996); DD ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004).

Common names:

English: Kenyan Butterfly Bat, Kenyan wattled bat, Kenya barbastelle. French: Barbastelle du Kenya.

General distribution:

Kenya (Only known from the holotype).

Glauconycteris machadoi Hayman, 1963

- *1963. *Glauconycteris machadoi* Hayman, Comp. Diamants de Angola, Ser. Cult. 1963: 107. Type locality: Angola: Lac Calundo. Type specimen: BMNH 1962.2074.
 ? *Chalinolobus machadoi*: Name combination.

Taxonomy:

Included in *variegata* by Koopman (1993a: 200), but considered a valid species by Simmons (2005).

Global- DD ver 3.1 (2001) (IUCN 2004; Schmitter 2004d).

General distribution:

Angola; known only from the type locality.

Common names:

English: Machado's Butterfly Bat.

Distribution based on voucher specimens:

Angola.

Conservation status:

Glauconycteris poensis (Gray, 1842)

- *1842. *Kerivoula poensis* Gray, Ann. Mag. Nat. Hist., [ser. 1], 10 (65): 258. Type locality: Nigeria: Abo (lower Niger River) (Originally "Fernando Po", but in reality Abo, Lower Niger: see Allen and Thomson, Exp. Niger, 2: 479, 1848 in Allen, 1939a: 88, Grubb *et al.*, 1998: 89). Type specimen: BMNH 1842.11.4.33. Publication date: 1 December 1842.
 1868. *Vesperus (Hesperoptenus) kraussii* Peters, Monatsb. k. preuss. Akad. Wiss. Berlin, p. 638. Type locality: Nigeria: S Nigeria, Yoruba. Publication date: 1868.
 ? *Chalinolobus poensis*: Name combination.

Taxonomy:

See Simmons (2005).

(Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004k).

Common names:

English: Abo Butterfly Bat, Abo bat. French: Barbastelle d'Abo.

General distribution:

Senegal over Benin (Capo-Chichi *et al.*, 2004: 162) to Uganda; Bioko; Cameroon.

Conservation status:

Global- LR/nt assessed as *Chalinolobus poensis*

Distribution based on voucher specimens:

Nigeria.

Glauconycteris superba Hayman, 1939

- *1939. *Glauconycteris superba* Hayman, Ann. Mag. Nat. Hist., ser. 11, 3 (14): 219. Type locality: Democratic Republic of the Congo: Oriental province, Ituri District, about 30 mi (45 km) ENE of Medje, Pawa [02 32 N 27 40 E]. Type specimen: RMCA 14765 (? , skull and alcoholic, collector Dubois). Publication date: 1 February 1939.
1947. *Glauconycteris superba sheila* Hayman, Ann. Mag. Nat. Hist., ser. 11, 13 (104): 547 (for 1946). Type locality: Ghana: Oda province, Oda [05 55 N 00 56 W]. Type specimen: BMNH 1947.10. Publication date: 7 August 1947. (see Evenhuis 2003: 50).
- ? *Chalinolobus superbus*: Name combination.

Taxonomy:

See Simmons (2005).

Common names:

English: Superb Butterfly Bat, Pied Butterfly Bat, Pied bat. French: Barbastelle bariolée.

Conservation status:

Global- VU assessed as *Chalinolobus superbus* (Baillie and Groombridge 1996); VU B2ab(iii) ver 3.1 (2001) (IUCN 2004; Fahr *et al.*, 2004).

General distribution:

Ivory Coast, Ghana, NE Democratic Republic of the Congo.

Distribution based on voucher specimens:

Congo (Democratic Republic of the), Ghana.



Figure 165. Distribution of *Glauconycteris superba*

Glauconycteris variegata (Tomes, 1861)

- *1861. *Scotophilus variegatus* Tomes, Proc. Zool. Soc. Lond., 1861, I: 31, 36. Type locality: Namibia: Otjoro [=Otjihoro, about 32 km west of Ondongwa, Ovamboland, fide Shortridge 1934: see Meester *et al.* 1986: 54]. Type specimens: BMNH 1907.1.1.437; BMNH 1907.1.1.438 (Syntypes, skin and skull; collection date: 1 December 1859; see Tomes, 1861b: 39). Publication date: May 1861.
1905. *Glauconycteris papilio* Thomas, Ann. Mag. Nat. Hist., ser. 7, 15 (85): 77. Type locality: Uganda: Entebbe. Type specimen: BMNH 1899.8.4.14 (Holotype). Publication date: 1 January 1905.
1915. *Glauconycteris phalæna* Thomas, Ann. Mag. Nat. Hist., ser. 8, 15 (90): 560. Type locality: Sudan: White Nile, Malakal district, near Fashoda. Type specimen: BMNH 1915.3.6.67 (Holotype, ad F, collector: Willoughby P. Lowe, collection date: 27 January 1914, original number 71). Publication date: 1 June 1915.
- ? *Chalinolobus variegatus*: Name combination.
- ? *Glauconycteris variegata*: Name combination.

Taxonomy:

Koopman (1993a: 200) included *machadoi*; see Kooman (1971: 6), but see Simmons (2005).

Common names:

Afrikaans: Vlindervlermuis. English: Variegated Butterfly bat, Butterfly bat. French: Chauve-souris des réticulée, Chauve-souris papillon. Portuguese: Morcego borboleta.

Etymology of name:

The colloquial name may be derived from the dark reticulated pattern on the wings, which has led to their being called leaf-winged bats (Taylor 2005). Although it is said that they resemble a large butterfly in flight, they are by no means butterfly-like in this respect (Taylor 2005).

Conservation status:

Global- LR/lc assessed as *Chalinolobus variegatus* (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004j). Regional- South Africa- Indeterminate (Smithers 1986); NT ver 3.1 (2001) assessed as *G. variegatus* (Friedmann and Daly 2004).

General distribution:

Senegal over Benin (Capo-Chichi *et al.*, 2004: 162), Uganda (Kityo and Kerbis, 1996: 62) to Ethiopia (Lavrenchenko *et al.*, 2004: 137), Somalia, south over Malawi (Happold and Happold, 1997: 821), Zambia, Zimbabwe, Botswana, Namibia (Cotterill, 2004: 262) to South Africa.

Molecular biology:

DNA - Unknown.

Karyotype - Rautenbach *et al.* (1993) reported $2n = 18$, FN = 32, BA = 16, a subtelocentric X chromosome, and a metacentric Y chromosome, for specimens from South Africa.

Protein / allozyme - Unknown.



Figure 166. Distribution of *Glauconycteris variegata*

Distribution based on voucher specimens: "Africa", Congo (Democratic Republic of the), Namibia, Somalia, South Africa, Sudan, Tanzania, Uganda, Zambia, Zimbabwe.

Genus *Hypsugo* Kolenati, 1856

- *1856. *Hypsugo* Kolenati, Allg. deutsch. naturh. Zeitung, ser. 2, 2: 131. Type species: *Vespertilio savii* Bonaparte, 1837. Publication date: 1856.
 1993. *Ypsugo*: Ariagno, Le Bièvre, 13: 118. Lapsus.

Taxonomy: (1992: 133).
 Meester *et al.* (1986: 50) mention *Vespertilio maurus* Blasius (= *Vespertilio savii* Bonaparte) and *Vesperugo krascheninikovii* Eversmann as type species, but this was fixed to *Vespertilio savii* Bonaparte by Wallin (1969), see Corbet and Hill

Etymology of name:
 From the Greek "upsos" and "ugo".

Hypsugo anchietae (de Seabra, 1900)

- *1900. *Vesperugo anchieta* de Seabra, J. Sci. mat. Phys. Nat., Lisboa, ser. 2, 6 (21): 26. Type locality: Angola: Cahata [12 20 S 14 50 E]. Type specimen: BMNH 1906.1.3.1 (Syntype, ad F, skull and alcoholic), MNHN 1900-538 (paratype, ad F, coll. José de Anchieta). Publication date: August 1900.
 1900. *[Vesperugo] Anchietae*: Bocage, Bull. Mus. natn. Hist. nat., Paris, 6: 164. Alternate spelling and name combination.
 1935. *Pipistrellus anchietae*: Monard, Arq. Mus. Bocage, 6: 31. Name combination.
 1953. *Pipistrellus (Pipistrellus) anchietai*: Ellerman, Morrison-Scott and Hayman, Southern African mammals 1758 to 1951: 78. Name combination.
 1965. *Pipistrellus anchietai*: Koopman, Am. Mus. Novit., 2219: 30. Name combination.
 1987. *[Attalepharca] anchietae*: Menu, Paleovertebrata, 17 (3): 126. Name combination.
 1987. *Pipistrellus (Hypsugo) anchietae*: Hill and Harrison, Bull. Br. Mus. nat. Hist. (Zool.), 52 (7): 273. Name combination.
 1993. *Pipistrellus (Hypsugo) anchietai*: Koopman, Mammal Species of the World: Chiroptera: 219. Name combination.
 1994. *H[ypsugo] anchietae*: Heller, Volleth and Kock, Senckenb. biol., 74 (1/2): 2. Name combination.
 2001. *P[ipistrellus] (Hypsugo) anchieta*: Kock, Senckenb. biol., 81 (1/2): 279. Name combination.
 2002. *Hypsugo anchietae*: Kearney, Volleth, Contrafatto and Taylor, Name combination.

Taxonomy: The oldest name for this species may be *bicolor*; see Koopman (1975: 404). Koopman (1994: 114) mentions this species as *P. bicolor* in the subgenus *Pipistrellus*. Incorrect original spelling as *anchieta*, corrected to *anchietae* by Seabra (1900: 120).

Conservation status:
 Global- VU assessed as *Pipistrellus anchietai* (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Jacobs *et al.* 2004aq).
 Regional- South Africa- NT ver 3.1 (2001), assessed as *Pipistrellus anchietae* (Friedmann and Daly 2004).

Common names:
 Afrikaans: Anchieta-vlermuis. English: Anchieta's Pipistrelle, Anchieta's Bat, Miombo pipistrelle. French: Pipistrelle du Miombo, Pipistrelle d'Anchieta.

General distribution:
 Angola, S Democratic Republic of the Congo, Zambia, Zimbabwe, Botswana, Namibia (?) (Cotterill, 2004: 261), W Transvaal (Koopman, 1994: 114), KwaZulu-Natal (South Africa; Kearney and Taylor, 1997: 54), Madagascar (Bates *et al.* 2006: 319).

Etymology of name:
 This species is named after Mr Anchieta, a Portuguese national, who was a prolific collector of zoology material in Angola in the 1860's and who has numerous reptiles, birds and mammals named after him (Taylor 2005).

Molecular biology:
 DNA - Unknown.
 Karyotypic - Rautenbach *et al.* (1993) and Kearney *et al.* (2002) both reported $2n = 26$, FN = 32, BA = 8, a submetacentric X chromosome, and an acrocentric Y chromosome, for specimens

from South Africa.
Protein / allozyme - Unknown.

Distribution based on voucher specimens:
Angola, Congo, Congo (Democratic Republic of the), Ethiopia, South Africa, Swaziland, Zambia, Zimbabwe.

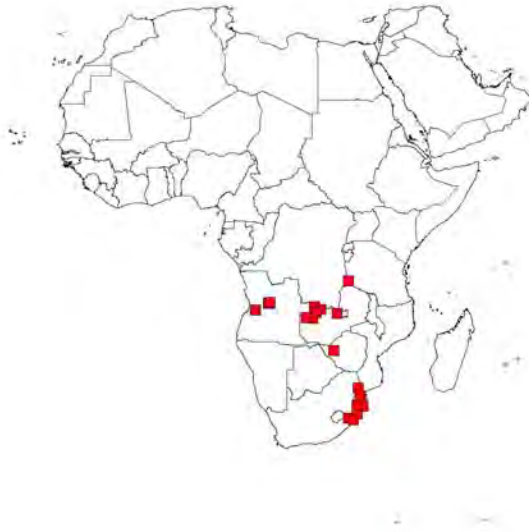


Figure 167. Distribution of *Hypsugo anchietae*

Hypsugo ariel (Thomas, 1904)

- *1904. *Pipistrellus ariel* Thomas, Ann. Mag. Nat. Hist., ser. 7, 14 (80): 157. Type locality: Sudan: Kassala Province, Wadi Alagi [22 N 35 E, 2 000 ft (=610 m)]. Type specimen: BMNH 1904.11.4.7 (ad F, skin and skull, collector Arthur M. MacKilligan, collection date 12 August 1903; original nr 28: see Qumsiyeh, 1985: 54). Publication date: 1 August 1904.
1966. *Pipistrellus (Pipistrellus) ariel*: Ellerman and Morrison-Scott, Checklist of Palaearctic and Indian Mammals: 171. Name combination.
1987. *Pipistrellus (Hypsugo) ariel*: Hill and Harrison, Bull. Br. Mus. nat. Hist. (Zool.), 52 (7): xxx. Name combination.
1991. *Pipistrellus ariel ariel*: Harrison and Bates, Mammals of Arabia: 92. Name combination.
2000. *Hypsugo ariel*: Horáček, Hanák and Gaisler, Bats of the Palearctic Region: 126. Name combination.

Taxonomy:

Mentioned in the subgenus *Pipistrellus* by Koopman (1994: 115). Harrison and Bates (1991: 93) assign the Arabian specimens to *P. a. ariel*, although they do not mention any other subspecies. Horáček *et al.* (2000: 126) mention it in the genus *Hypsugo*.

Common names:

English: Pygmy Pipistrellus, Ariel Pipistrelle, Egyptian Desert Pipistrelle, Desert pipistrelle, Fairy Pipistrelle. French: Pipistrelle ariel. German: Elfen-Zwergfledermaus.



Figure 168. Clockwise from top lateral, ventral and dorsal skull images of BMNH 1904.11.4.7, holotype of *Pipistrellus ariel* Thomas, 1904.

Conservation status:

Global- LR/nt assessed as *Pipistrellus ariel* (Baillie and Groombridge 1996); DD ver 3.1 (2001) (IUCN 2004; Benda 2004c).

General distribution:

Egypt, N Sudan; Israel; Jordan.



Figure 169. Distribution of *Hypsugo ariel*

Distribution based on voucher specimens:

Sudan.

Hypsugo crassulus (Thomas, 1904)

- *1904. *Pipistrellus crassulus* Thomas, Ann. Mag. Nat. Hist., ser. 7, 13 (75): 206. Type locality: Cameroon: Efulen [02 07 N 10 32 E]. Type specimen: BMNH 1904.2.8.1 (Holotype, ad M, skull and alcoholic, collector G.L. Bates). Publication date: 1 March 1904.
1966. *Pipistrellus (Pipistrellus) crassulus*: Hayman, Misonne and Verheyen, Ann. Kon. Mus. Mid. Afr., Zool. Wetensch., (8) 154: xxx. Name combination.
1972. *Pipistrellus eisentrauti bellieri* De Vree, Rev. Zool. Bot. afr., 85 (3 - 4): 412. Type locality: Côte d'Ivoire: Adiopodoumé [05 20 N 04 07 W, 0 - 30 m]. Type specimen: RMCA 35686 (ad F, skin and skull, collector Frits De Vree, collection date 19 November 1969, prepared and labelled in the Laboratoire d'Ecologie (L. Bellier) of the ORSTROM, original number AX0104; see De Vree, (1972: 412). Publication date: 30 June 1972.
1987. [*Attalepharca*] *crassulus*: Menu, Palaeovertebrata, 17 (3): xxx. Name combination.
1994. *Hypsugo crassulus bellieri*: Heller, Volleth and Kock, Senckenb. biol., 74 (1/2): 1. Name combination.
1994. *Hypsugo crassulus*: Heller, Volleth and Kock, Senckenb. biol., 74 (1/2): 1. Name combination.
1994. *P[ipistrellus (Pipistrellus)] e[isentrauti] bellieri*: Koopman, Chiroptera: 114. Name combination.
1994. *P[ipistrellus (Vansonia)] crassulus*: Koopman, Chiroptera: 115. Name combination.
1998. *P[ipistrellus (Hypsugo)] e[isentrauti] bellieri*: Grubb, Jones, Davies, Edberg, Starin and Hill, Mammals of Ghana, Sierra Leone and The Gambia: 84. Name combination.

Taxonomy:

Mentioned in the genus *Pipistrellus* and the subgenus *Vansonia* by Koopman (1994: 116). Volleth *et al.* (2001: 27) assigned this species to the genus *Hypsugo*. Includes *bellieri*; see Heller *et al.* (1994), Simmons (2005). Hooper and Van Den Bussche (2003: 38) mentioned "*eisentrauti*" to belong to the genus *Nycticeinops*, but they used a specimen from Côte d'Ivoire which should be assigned to *crassulus bellieri*.

Common names:

English: Broad-headed Pipistrelle Bat, Broad-headed pipistrelle. French: Pipistrelle à grosse tête.

Conservation status:

Global- LR/lc assessed as *Pipistrellus crassulus* (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Fahr 2004o).

General distribution:

Ivory Coast, Cameroon, Democratic Republic of the Congo, S Sudan, N Angola; possibly Nigeria.

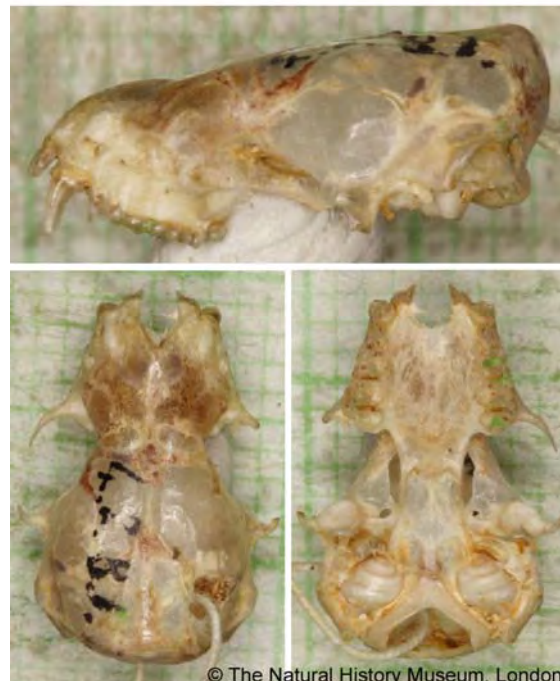


Figure 170. Clockwise from top lateral, ventral and dorsal skull images of BMNH 1904.2.9.1, holotype of *Pipistrellus crassulus* Thomas, 1904.



Distribution based on voucher specimens:
Angola, Cameroon, Congo, Congo (Democratic Republic of the), Côte d'Ivoire, Kenya, Sudan, Uganda.

Figure 171. Distribution of *Hypsugo crassulus*

Hypsugo eisentrauti (Hill, 1968)

- *1968. *Pipistrellus eisentrauti* Hill, Bonn. Zool. Beitr., 19 (1/2): 45. Type locality: Cameroon: Western Province, Rumpi Highlands, Dikume-Balue, Camp V. Type specimen: ZFMK 68.5 (ad M, skin and skull, collector Martin Eisentraut, collection date 18 February 1957, original number 498: see Hill, 1968: 45). Publication date: 10 April 1968.
- 1971. *Pipistrellus* [*Pipistrellus*] *eisentrauti*: Hayman and Hill, Order Chiroptera: 39. Name combination.
- 1972. *Pipistrellus eisentrauti eisentrauti*: De Vree, Rev. Zool. Bot. afr., 85 (3-4): xxx. Name combination.
- 1987. *Pipistrellus (Hypsugo) eisentrauti*: Hill and Harrison, Bull. Br. Mus. nat. Hist. (Zool.), 52 (7): 274. Name combination.
- 1994. *Hypsugo eisentrauti*: Heller, Volleth and Kock, Senckenb. biol., 74 (1/2): 1. Name combination.
- 1994. *Pipistrellus (Pipistrellus) eisentrauti*: Koopman, Chiroptera: 114. Name combination.
- 2003. *Nycticeinops eisentrauti*: Hooper and Van Den Bussche, Acta Chiropt., 5 (Suppl. 1): 38. Name combination.

Taxonomy:

Koopman (1994: 114) mentions this species as belonging to the subgenus *Pipistrellus*. Volleth *et al.* (2001: 27) assigned this species to the genus *Hypsugo*. Koopman (1993: 221) included *bellieri*, but see Heller *et al.* (1994), Simmons (2005). Hooper and Van Den Bussche (2003: 38) include *eisentrauti* in *Nycticeinops*, but they used a specimen from Côte d'Ivoire, which should be assigned to *crassulus bellieri*.

Common names:

English: Eisentraut's Pipistrelle Bat, Eisentraut's pipistrelle. French: Pipistrelle d'Eisentraut. German: Eisentrauts Zwergfledermaus.

Etymology of name:

In honour of Prof. Martin Eisentraut, collector of the type specimen.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); DD ver 3.1 (2001) (IUCN 2004; Fahr 2004n).

General distribution:

Cameroon to Kenya and Somalia.



Figure 172. Distribution of *Hypsugo eisentrauti*

Distribution based on voucher specimens: Cameroon, Congo (Democratic Republic of the), Côte D'Ivoire, Guinea, Kenya, Liberia, Rwanda.

Hypsugo musciculus (Thomas, 1913)

- *1913. *Pipistrellus musciculus* Thomas, Ann. Mag. Nat. Hist., ser. 8, 11 (63): 316. Type locality: Cameroon: Ja River, Bitey [03 13 N 12 22 E, 2 000 ft (=610 m)]. Type specimen: BMNH 1913.2.8.1 (Holotype, old M, skin and skull, collector G.L. Bates, collection date 3 September 1912, original number 622). Publication date: 1 March 1913.
1966. *Pipistrellus (Pipistrellus) musciculus*: Hayman, Misonne and Verheyen, Ann. Kon. Mus. Mid. Afr., Zool. Wetensch., (8) 154: 16. Name combination.
1987. *Attalepharca musciculus*: Menu, Palaeovertebrata, 17 (3): 128. Name combination. Menu used *Attalepharca* as "groupe collectif" not as genus name.
1987. *Pipistrellus (Hypsugo) musciculus*: Hill and Harrison, Bull. Br. Mus. nat. Hist. (Zool.), 52 (7): 281. Name combination.
- ? *Hypsugo musciculus*: Name combination.

Taxonomy:

Mentioned in the genus *Pipistrellus* and the subgenus *Pipistrellus* by Koopman (1994: 113).

Common names:

English: Mouse-like Pipistrelle Bat, Least Pipistrelle Bat, Mouselike pipistrelle, Western Africa pipistrelle. French: Pipistrelle d'Afrique occidentale, Pipistrelle murine. German: Mäuschen-Zwergfledermaus.

Conservation status:

Global- LR/nt assessed as *Pipistrellus musciculus* (Baillie and Groombridge 1996); DD ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004i).

General distribution:

Cameroon, Democratic Republic of the Congo, Gabon.



Figure 173. Clockwise from top lateral, ventral and dorsal skull images of BMNH 1913.2.8.1, holotype of *Pipistrellus musciculus* Thomas, 1913.



Figure 174. Distribution of *Hypsugo musciculus*

Distribution based on voucher specimens:

Cameroon, Congo (Democratic Republic of the), Gabon, Ghana, Sierra Leone.

Hypsugo savii (Bonaparte, 1837)

- *1837. *Vespertilio Savii* Bonaparte, Iconogr. Fauna ital., 1, fasc. 20, pl. Type locality: Italy: Pisa. Type specimen: BMNH 1907.1.1.732 (sad ?, partial skeleton, collector Prince Charles Lucien Bonaparte). Publication date: 1837. Plate; 1841: Introduction; p. 2: see Cabrera (1914: 120).
1839. *[Vesperugo (Vesperus)] Savii*: Keyserling and Blasius, Arch. Naturg., 5 (1): 316. Name combination.
1853. *[Vesperugo] Savii*: Blasius, Arch. Naturg., 19 (1): 46. Name combination.
1855. *Vespertilio (Vesperugo) Savii*: Wagner, Schreber's Säuget., Suppl. 5: 734. Name combination.
1856. *Vesperus (Meteorus) Savii*: Kolenati, Allg. deutsche naturh. Zeitung, N.F., 2 (5): 166. Name combination.
1856. *Vesperus Savii*: Kolenati, Allg. deutsche naturh. Zeitung, N.F., 2 (4): 132. Name combination.
1859. *Scotophilus darwini* Tomes, Proc. Zool. Soc. Lond., 1859, I (OS 27): 70. Type locality: Spain: Canary Islands, La Palma [28 40 N 17 50 W]. Type specimen: BMNH 1907.1.1.423 (F, skull and alcoholic, formerly in Tomes Collection; presented to Tomes by Mr. Darwin). Publication date: February - June 1859.
1862. *Vespertilio (Meteorus) Savii*: Koch, Das Wesentliche der Chiroptern: 393. Name combination.
1871. *Vesperugo Savi*: Doderlein, Alcune generalita Intorno la Fauna Sicula de Vertebrati: xxx. Name combination and Lapsus.
1885. *Vesperugo Savii*: Lataste, Act. Soc. Linn. Bordeaux, 39: 190?. Name combination.
1887. *Scotophilus darwini* Doria, Ann. Mus. civ. Stor. nat. Genova, 4 (2): 71. Lapsus.
1912. *Pipistrellus savii*: Miller, Catalogue of the mammals of western Europe: 219. Name combination.
1956. *Pipistrellus savii savii*: Kahmann and Goerner, Mammalia, 20: 358. Name combination.
1964. *Pipistrellus savii sevii* Hanák, Acta Soc. Zool. Bohem., 28 (1): 83. Lapsus.
1966. *Pipistrellus (Pipistrellus) savii darwini*: Ellerman and Morrison-Scott, Checklist of Palaearctic and Indian Mammals: 170. Name combination.
1966. *Pipistrellus (Pipistrellus) savii savii*: Ellerman and Morrison-Scott, Checklist of Palaearctic and Indian Mammals: 169. Name combination.
1966. *Pipistrellus (Pipistrellus) savii*: Ellerman and Morrison-Scott, Checklist of Palaearctic and Indian Mammals: 169. Name combination.
1971. *Pipistrellus (Hypsugo) savii savii*: Lanza and Azzaroli, Lav. Soc. ital. Biogeog., nov. ser. 1: xxx. Name combination.
1986. *[Hypsugo] savii*: Horáček and Hanák, Myotis, 23-24: Name combination.
1986. *Pipistrellus savi*: McBee, Bickham, Yehbutra, Nabhitabhata and Schlitter, Ann. Carnegie Mus., 55 (5): xxx. Lapsus.
1987. *Hypsugo savii*: Menu, Palaeovertebrata, 17 (3): 127. Name combination.
1987. *Pipistrellus (Hypsugo) savii*: Hill and Harrison, Bull. Br. Mus. nat. Hist. (Zool.), 52 (7): 281. Name combination.
2000. *Hypsugo savii savii*: Horáček, Hanák, and Gaisler, Bats of the Palearctic region: 125. Name combination.
2002. *H[y]psugo [s]avii [d]arwini*: Trujillo, Ibáñez and Juste, Rev. suisse Zool., 109 (3): 549. Name combination.
2003. *H[y]psugo [s]avii [d]arwini* Pestano, Brown, Suárez, and Fajardo, Mol. Phylogenet. Evol., 26 (1): 57. Lapsus.

Taxonomy:

Koopman (1994: 114) considers this species to belong to the subgenus *Pipistrellus*. Horáček *et al.* (2000: 125) and Volleth *et al.* (2001: 27) assigned this species to the genus *Hypsugo*.

Common names:

Basque: Savi saguzarra. Catalanian: Rat penat muntanyero. Czech: netopýr Saviuv. Dutch:

Alpendwergvleermuis, Alpenvleermuis. English: Savi's Pipistrelle, Savi's Pipistrelle Bat. French: Vespère de Savi, Pipistrelle de Savi. Gallician: Morcego do monte. German: Alpenfledermaus. Italian: Pipistrello di Savi. Portuguese: Morcego de Savii. Roman: Pipistrel da las alps. Slovenian: Savijev netopir. Spanish (Castilian): Murciélago montañero, Murciélago de montaña.

Etymology of name:

In honour of Gaetano Savi (1769 - 1844) (see Kozhurina 2002: 17).

Conservation status:

Global- Not assessed (IUCN 2004).

General distribution:

Iberia (incl. Portugal), Morocco, and the Canary (Spain) and Cape Verde Isls (Azzaroli Puccetti and Zava, 1988) through the Caucasus and Mongolia to Korea, NE China and Japan, southeastward through Iran and Afghanistan to N India and Burma (=Myanmar) (Kazakhstan, Turkmenistan, Uzbekistan, Kirghizia, Tadjikistan, France, S Switzerland, Italy, Austria, Czech Republic, E Hungary, Balkan (incl. Albania, Greece), Lebanon, Israel, Syria, N Algeria).

Distribution based on voucher specimens:

[Algeria](#), [Benin](#), Canary Islands [Spain], Cape Verde, [Morocco](#).



Figure 175. Distribution of *Hypsugo savii*

Genus *Laephotis* Thomas, 1901

- *1901. *Laephotis* Thomas, Ann. Mag. nat. Hist., ser. 7, 7 (41): 460. Type species: *Laephotis wintoni* Thomas, 1901. Publication date: 1 May 1901.
 ? *Laephotis*: Current spelling.

Taxonomy:

In a cladistic analysis of bacular morphology *Laephotis* nested within *Neoromicia* (Kearney *et al.*, 2002). The molecular results of Stadelmann *et al.* (2004b) support this, and those of Hooper and Van Den Bussche (2003) would be similar, if the suggestion that *nanus* is moved to the genus *Neoromicia*, as indicated by chromosomal analysis and bacular morphology (Kearney *et al.*, 2002), had been followed.

Although considered monotypic by Hayman and Hill (1971), four species are currently recognised (Simmons, 2005); *L. angolensis* Monard, 1935, *L. botswanae* Setzer, 1971, *L. namibensis* Setzer, 1971, and *L. wintoni* Thomas, 1901, see review by Hill (1974a). Specimens of this rarely caught bat, from the Western Cape Province in South Africa, were initially identified as *Laephotis wintoni* (Rautenbach and Nel, 1978), and then later as *Laephotis namibensis* (Skinner and Smithers, 1990). This change in species identification has led to considerable confusion in the literature (Honacki *et al.*, 1982; Corbet and Hill, 1991; Koopman, 1994; Bronner *et al.*, 2003; Jacobs *et al.*, 2005; Simmons, 2005)). Separation of *L. namibensis* and *L. wintoni* using morphometric analyses of cranial and dental characters, which include Hill's (1974a) palatal and post-palatal measurements that Stanley and Kock (2004) found useful in the separation of *L. botswanae* and *L. wintoni*, remains problematic (Kearney and Seaman, 2005).

Common names:

English: Long-eared Bats, African Long-eared Bats, Tropical Long-eared Bats. French: Noctophile, Chauve-souris à longues oreilles.

Etymology of name:

From the Greek "*laephotis*" meaning cloaked, veiled. Although, a note in the description of the genus suggested the name meant "sail" in Greek (Thomas, 1901d: 460). Gardner (2005: 184) considers this name to be masculine ("*Leaph*" = sail + "*ot*" = ear(ed) + "*is*" (Latin third declension ending)).

Laephotis angolensis Monard, 1935

- *1935. *Laephotis angolensis* Monard, Arq. Mus. Bocage, Lisboa, 6: 45. Type locality: Angola: Tyihumbwe, 15 km W Dala. Type specimen: MHNC ? (Holotype, F, collection date September 1932).

Taxonomy:

Stanley and Kock (2004), being concerned about the correct assignment of the species that is known from very few specimens, referred to specimens in the Natural History Museum, London collection, as cf. *angolensis*. In a morphometric analysis with specimens of the other *Laephotis* taxa, these specimens were distinct from *L. botswanae*, and *L. wintoni*/*L. namibensis*, however, it was suggested this small difference, based on two specimens of *angolensis*, may disappear with the addition of more specimens of both *angolensis* and *botswanae* (Kearney and Seamark, 2005: 85). Peterson (1973: 602) had suggested that "*L. botswanae* may prove to be a larger, southern race of *L. angolensis*".

Common names:

English: Angolan Long-eared Bat. French: Chauve-souris à longues oreilles d'Angola, Oreillard d'Angola, Noctophile d'Angola.

Etymology of name:

Referring to the country where the type specimen was collected.

Conservation status:

Global- LR/nt (Baillie and Groombridge 1996); NT ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004c).

General distribution:

Angola, Democratic Republic of the Congo (Stanley and Kock, 2004; Kearney and Seamark, 2005: 85; Simmons, 2005). Namibia (Griffin, 1999: 30), although no specimens are known to confirm this occurrence.

Habitat:

All records have come from the savanna biome (Kearney and Seamark, 2005: 85).



Figure 176. Distribution of *Laephotis angolensis*

Distribution based on voucher specimens:
Angola, Congo (Democratic Republic of the).

Laephotis botswanae Setzer, 1971

- *1971. *Laephotis botswanae* Setzer, Proc. Biol. Soc. Washington, 84 (32): 260, 263. Type locality: Botswana: 50 mi (80 km) W and 12 mi (19 km) S Shakawe. Type specimen: USNM 425349 (Holotype, ad F, skin and skull, collector S.W. Goussard, collection date: 24 May 1967, original number: 691).

Taxonomy:

In a morphometric analysis with specimens of the other *Laephotis* taxa, *L. botswanae* was distinct from *L. angolensis* and *L. wintoni* / *L. namibensis*, however, it was suggested the small difference, based on two specimens of *angolensis*, may disappear with the addition of more specimens of both *angolensis* and *botswanae* (Kearney and Seamark, 2005: 85). Peterson (1973: 602) had suggested that "*L. botswanae* may prove to be a larger, southern race of *L. angolensis*".

Common names:

Afrikaans: Botswana-langoorvlermuis. English: Botswana Long-eared Bat, Botswanan Long-eared Bat. French: Chauve-souris à longues oreilles du Botswana, Oreillard du Botswana, Noctophile du Botswana.

Etymology of name:

The specimen from which the species was described originated near Shakawe in north-western Botswana (Taylor 2005).

Conservation status:

Global- LR/nt (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Schlitter 2004c). Regional- South Africa- Indeterminate (Smithers 1986); VU D2 ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

Tanzania, Democratic Republic of the Congo, Zambia, Malawi, Angola, Botswana, Zimbabwe, South Africa (Bauer, 1992; Stanley and Kock, 2004: 176; Kearney and Seamark, 2005: 85; Simmons, 2005). Namibia (Cotterill, 2004: 261), although no specimens are known to confirm this occurrence.

Geographic variation:

Unknown.

General description of external morphology:

General description of cranial and dental morphology:

Detailed morphology:

See Kearney *et al.* (2002) for bacular morphology, which showed no difference to *L. namibensis*.

Echolocation:

See Taylor (1999).

Molecular biology:

DNA - Unknown.

Karyotype - Rautenbach *et al.* (1993) reported $2n = 34, FN = 50, BA = 18$, a submetacentric X chromosome, and an acrocentric Y chromosome, for specimens from South Africa.

Protein / allozyme - Unknown.

Habitat:

Found in both savanna (75 % of specimen records) and grassland biomes (25 % of specimen records) (Kearney and Seamark, 2005: 85). However, since all the grassland biome records are from high altitude localities in Malawi (Happold and Happold, 1997), it was suggested the identification of the specimens from Malawi should be confirmed using palatal and post-palatal measurements (Kearney and Seamark, 2005: 85).



Figure 177. Distribution of *Laephotis botswanae*

Distribution based on voucher specimens:

Angola, Botswana, Congo (Democratic Republic of the), Malawi, South Africa, Tanzania, Zambia, Zimbabwe.

Laephotis namibensis Setzer, 1971

- *1971. *Laephotis namibensis* Setzer, Proc. Biol. Soc. Washington, 84 (32): 259. Type locality: Namibia: Namib Desert, Kuiseb River, Gobabeb (Namib Desert Research Station: Smithers, 1983: 100). Type specimen: USNM 342152 (Holotype, ad F, skin and skull, collector: Ronald E. Cole, collection date: 22 November 1963, original number: 270).

Taxonomy:

In a morphometric analysis with specimens of the other *Laephotis* taxa, specimens of *L. wintoni* and *L. namibensis* were not clearly separated (Kearney and Seamark, 2005: 85). Additional characters, or other systematic techniques will be required to clarify the species distinction. Unfortunately, specimens from the Western Cape province in South Africa have been identified as both *L. wintoni* (Rautenbach and Nel, 1978a) and *L. namibensis* (Skinner and Smithers, 1990). Hence, see also the account for *L. wintoni* for the results of a study based in the Western Cape province of South Africa that identified the specimens as *L. wintoni* (Jacobs *et al.*, 2005).

Common names:

Afrikaans: Namib-langoorvlermuis. English: Namibian Long-eared Bat, Namib Long-eared Bat. French: Chauve-souris à longues oreilles de Namibie, Oreillard du Namib, Noctophile du Namib.

Etymology of name:

Referring to the country where the type specimen was collected.

Conservation status:

Global- EN (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Schlitter 2004b). Regional- South Africa- Indeterminate, assessed as *L. wintoni* (Smithers 1986); considered a vagrant not assessed, not recorded in SA, Cederberg specimens considered to be *L. wintoni* (Friedmann and Daly 2004).

General distribution:

Namibia, South Africa (Stanley and Kock, 2004: 176; Kearney and Seamark, 2005: 85; Simmons, 2005). Although, specimens from South Africa have also been identified as *L. wintoni*, see the discussion in the generic account.

Geographic variation:

Unknown.

General description of external morphology:

General description of cranial and dental morphology:

Detailed morphology:

See Kearney *et al.* (2002) for bacular morphology, which showed no difference to *L. botswanae*.

Molecular biology:

DNA - See Hoofer and Van Den Bussche (2003) for the results of a specimen from Namibia. See Stadelmann *et al.* (2004b) for the results of a specimen from the Western Cape in South Africa identified as *L. wintoni*, but from a locality where the species identification has also been assigned to *L. namibensis* (Skinner and Smithers, 1990).

Karyotype - Rautenbach *et al.* (1993) reported $2n = 34$, FN = 50, BA = 18, a submetacentric X chromosome, and an acrocentric Y chromosome, for specimens from Namibia. Rautenbach *et al.* (1993) also obtained the same results for specimens from the Western Cape, which were identified as *L. wintoni*, but reassigned to *L. namibensis* (Skinner and Smithers, 1990).

Protein / allozyme - Unknown.

Habitat:

Found in desert (60 % of specimen records), fynbos (20 % of specimen records), and savanna (20 % of specimen records) biomes (Kearney and Seamark, 2005: 85).



Figure 178. Distribution of *Laephotis namibensis*

Distribution based on voucher specimens:
Namibia, South Africa.

Laephotis wintoni Thomas, 1901

- *1901. *Laephotis Wintoni* Thomas, Ann. Mag. Nat. Hist., ser. 7, 7 (41): 460. Type locality: Kenya: Kitui [3 500 ft (=1 067 m)]. Type specimen: BMNH 1901.5.6.5 (Holotype, M, skull and skin, collector: Dr. S.L. Hinde, collection date: 7 January 1901, original number S.L.H.64). Publication date: 1 May 1901.
- ? *Laephotis wintoni*: Current spelling.

Taxonomy:

In a morphometric analysis with specimens of the other *Laephotis* taxa, specimens of *L. wintoni* and *L. namibensis* were not clearly separated (Kearney and Seaman, 2005: 85). Unfortunately, specimens from the Western Cape province in South Africa have been identified as both *L. wintoni* (Rautenbach and Nel, 1978a) and *L. namibensis* (Skinner and Smithers, 1990). Specimens from Lesotho and the Free State province in South Africa were assigned to cf. *wintoni* pending clarification of the species distinctions (Kearney and Taylor, 1997). Additional characters, or other systematic techniques will be required to clarify the species distinction. Specimens from KwaZulu-Natal Province in South Africa previously identified as cf. *wintoni* (Kearney and Taylor, 1997), were reassigned to *L. botswanae* (Kearney and Seaman, 2005: 85).

Common names:

Afrikaans: Winton se langoorvlermuis, Winton-langoorvlermuis. English: De Winton's Long-eared Bat, Winton's Long-eared Bat. French: Chauve-souris à longues oreilles de De Winton, Oreillard de De Winton, Noctophile de De Winton.

Etymology of name:

In honour of Mr W.E. de Winton, "whose labours on the small mammals of Africa all naturalists...have been so constantly indebted for assistance" (Thomas, 1901d: 462).

Conservation status:

Global- LR/nt (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Schlitter 2004a). Regional- South Africa- VU D2 ver 3.1 (2001), included *L. botswanae* from Hella-Hella and *L. namibensis* from Cederberg (Friedmann and Daly 2004).

General distribution:

Ethiopia, Kenya, Tanzania, South Africa, Lesotho (Kock and Howell, 1988; Stanley and Kock, 2004: 176; Kearney and Seaman, 2005: 85; Simmons, 2005). Specimens recorded from the Western Cape Province in South Africa have also been identified as *L. namibensis*, see the discussion in the generic account.



Figure 179. Clockwise from top lateral, ventral and dorsal skull images of BMNH 1901.5.6.5, holotype of *Laephotis Wintoni* Thomas, 1901.

Echolocation:

See Jacobs *et al.* (2005).

Molecular biology:

DNA - See Stadelmann *et al.* (2004b) for the results of a specimen from the Western Cape in South Africa, for a locality that has had the taxa reassigned to *L. namibensis* (Skinner and Smithers, 1990).

Karyotype - Rautenbach *et al.* (1993) reported $2n = 34$, FN = 50, BA = 18, a submetacentric X chromosome, and an acrocentric Y chromosome, for specimens from the Western Cape Province in South Africa, which were identified as *L. wintoni*, but reassigned to *L. namibensis* (Skinner and Smithers, 1990). Rautenbach *et al.* (1993) also obtained the same results for specimens from Namibia identified as *L. namibensis*.

Protein / allozyme - Unknown.

Habitat:

Excluding records from the Western Cape

province locality in South Africa that have also been assigned to *L. namibensis* (Skinner and Smithers, 1990), it is a montane species found at high altitudes above 1000 m (Kock and Howell, 1988; Stanley and Kock, 2004: 176; Kearney and Seamark, 2005). *L. wintoni* has been found in East Africa in both forest (62.5 % of specimen records) and savanna (37.5 % of specimen records) biomes (Kock and Howell, 1988; Kearney and Seamark, 2005: 85). Specimens assigned to *L. cf. wintoni* from the Free State Province of South Africa and Lesotho are from the grassland biome (Kearney and Seamark, 2005: 85).

Habits:

See Jacobs *et al.* (2005).

Roost:

Three radio tagged females in the Western Cape province of South Africa roosted in different crevices or narrow fissures in a cliff face above the valley where they foraged (Jacobs *et al.*, 2005). They also moved roost from one day to the next (Jacobs *et al.*, 2005).

Diet:

A study in the Western Cape province of South Africa found the diet was dominated by tympanate moths in three of four individuals studies, the fourth individuals diet was dominated by beetles (Jacobs *et al.*, 2005). Hemiptera and Tricoptera were also eaten but in much smaller proportions (Jacobs *et al.*, 2005).

Distribution based on voucher specimens: Ethiopia, German East Africa, **Kenya**, Lesotho, South Africa, **Tanzania**.



Figure 180. Distribution of *Laephotis wintoni*

Genus *Mimetillus* Thomas, 1904

- *1904. *Mimetillus* Thomas, Abstr. Proc. Zool. Soc. Lond., 10: 12. Type species: *Vesperugo* (*Vesperus*) *moloneyi* Thomas, 1891. Publication date: 22 November 1904.

Taxonomy:
See Simmons (2005).

Etymology of name:
From "*mimetillus*" meaning mimic.

Common names:
English: Flat-headed Vesper Bats, Mimic Bats,
Narrow-winged Bats, Flat-headed Bats.

Mimetillus moloneyi (Thomas, 1891)

- *1891. *Vesperugo* (*Vesperus*) *moloneyi* Thomas, Ann. Mag. Nat. Hist., ser. 6, 7 (42): 528, text-fig.. Type locality: Nigeria: Western Region, Lagos. Publication date: 1 June 1891.
? *Mimetillus moloneyi*: Name combination.

Taxonomy:
Koopman (1993a: 207) included *thomasi* and *berneri*; but see Cotterill (2001c), Simmons (2005).

Common names:
English: Moloney's Flat-headed Vesper Bat,
Moloney's Mimic Bat, Moloney's Flat-headed Bat.
French: Chauve-souris à tête plate de Moloney.

Conservation status:
Global- LR/lc (Baillie and Groombridge 1996); LC
ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*,
2004ah).

General distribution:
Sierra Leone over Central African Republic
(Lunde *et al.*, 2001: 537) to Ethiopia, and Kenya.

Distribution based on voucher specimens:
Angola, Cameroon, Congo (Democratic Republic
of the), Equatorial Guinea, Kenya, Mozambique,
Nigeria, Sierra Leone, Sudan, Tanzania, Uganda,
Zambia.



Figure 181. Distribution of *Mimetillus moloneyi*

Mimetillus thomasi Hinton, 1920

- *1920. *Mimetillus thomasi* Hinton, Ann. Mag. Nat. Hist., ser. 9, 6 (32): 240. Type locality: Zambia: Ndola. Type specimen: BMNH 1920.11.3.28. Publication date: 1 August 1920.
1933. *Mimetillus bernerii* Monard, Bull. Soc. Neuchâteloise Sci. Nat., Neuchâtel, 57: 49. Type locality: Angola: Vila da Ponte. Allen (1939a:89) mentions 1932 as publication date.

Taxonomy:

Koopman (1993a: 207) included *thomasi* and *bernerii* in *moloneyi*; but see Cotterill (2001c), Simmons (2005) who consider *thomasi* to be a separate species.

Common names:

English: Thomas's Flat-headed Bat.

Etymology of name:

In honour of Oldfield Thomas.

Conservation status:

Global- Not assessed (IUCN 2004).

General distribution:

Bioko, Zambia and southern Congo south to Tanzania, Angola and Mozambique.

Distribution based on voucher specimens:

Zambia.



Figure 182. Distribution of *Mimetillus thomasi*

Genus *Neoromicia* Roberts, 1926

1908. *Scabrifer* G.M. Allen, Bull. Mus. comp. Zool., 52 (3): 46. Type species: *Scabrifer notius* G.M. Allen, 1908. Publication date: July 1908. Originally described as substitute for *Rhinopterus* Miller, preoccupied by *Rhinoptera* Kuhl, 1841 (see Allen, 1908: 46; 1939: 97).
- *1926. *Neoromicia* Roberts, Ann. Transv. Mus., 11: 245. Type species: *Eptesicus zuluensis* Roberts, 1924. Publication date: 14 September 1926.
1956. *Eptesicus* Theodor, Parasitology, 46: xxx. Lapsus; used in combination with the species *tenuipinnis*, and therefore synonym of *Neoromicia*, not of *Eptesicus*.
1987. *Nycterikaupius* Menu, Palaeovertebrata, 17 (3): 108. In part. Publication date: 15 November 1987.
1995. *Scabrifer* Peterson, Eger and Mitchell, Faune de Madagascar, Chiroptères, 84: 95. Lapsus.

Taxonomy:

Considered a subgenus of *Eptesicus* by Koopman (1993a: 201); considered a subgenus of *Pipistrellus* by Grubb *et al.* (1998: 85), but considered a valid genus by Simmons (2005).

Neoromicia "incertae-sedis"

1857. *Vespertilio pusillus* Leconte, Proc. Acad. Nat. Sci., Philadelphia: 10. Type locality: Western Africa: no specific locality. Publication date: Kock (1969: 228) indicates that this paper was published in 1858.
1897. *Vesperugo (Vesperus) pusillus*: Trouessart, Catalogus Mammalium tam viventium quam fossilium: 110. Name combination.
1929. *Eptesicus pusillus*: Thomas, Proc. zool. Soc. Lond.: 101. Name combination. Thomas (1929: 101) assigned this name to Noack.
1953. *Eptesicus (Eptesicus) pusillus*: Ellerman, Morrison-Scott and Hayman, Southern African mammals 1758 to 1951: 77. Name combination.

Taxonomy:

Allen (1939a: 86) indicates that *Vespertilio pusillus* might possibly be the same form as *Vesperugo pusillus* Noack, 1887, but that the description is insufficient to identify the species. Ansell (1987: 25) - referring to Rosevear (1962) and Hayman and Hill (1971) - indicates that the status of *pusillus* Leconte is uncertain in relation to *Eptesicus minuta* Temminck, "*Eptesicus*" *somalicus* and "*Eptesicus*" *capensis*. Crawford-Cabral (1989) also points out that in southern Africa, "*Eptesicus*" *zuluensis* might be involved too.

Koopman (1965) and Kock (1969: 138) consider this name to be indeterminable, and they suggest to place the small northern African *Eptesicus* specimens in the species *guineensis* Bocage, 1889.

According to Kock it is even uncertain that *pusillus* Leconte represents *Eptesicus* [= *Neoromicia* in the current context].

Kock (1969: 159) also pointed out that the skull of the type of *Vesperugo pusillus* Noack, 1887 actually represents a non-adult *Pipistrellus nanus*.

The fact that *pusillus* Leconte and *pusillus* Noack have been considered synonymys throughout the literature, also render much of the literature data indeterminable, unless these are supported by voucher specimens.

Neoromicia brunneus (Thomas, 1880)

- *1880. *Vesperugo (Vesperus) brunneus* Thomas, Ann. Mag. Nat. Hist., ser. 5, 6 (32): 165, 1 text-fig. Type locality: Nigeria: Eastern region, Calabar [04 56 N 08 22 E] (Allen (1939a: 84), Grubb *et al.* (1998: 86) mentioned "Old Calabar, West Africa"). Type specimen: BMNH 1880.7.21.7 (Holotype, ad F, skull and alcoholic, collector Dr. A. Robb, United Presbyterian Mission, presented by Dr. J.A. Smith). Publication date: 1 August 1880.
1880. *Vesperugo brunneus*: Dobson, Rep. 50th Meeting Brit. Ass. Adv. Sci. 1880: 185 (redescription of type).
1939. *Eptesicus brunneus*: G.M. Allen, Bull. Mus. comp. Zool., 83: 84. Name combination.
1971. *Eptesicus [(Eptesicus)] brunneus*: Hayman and Hill, Mammals of Africa: Chiroptera: 43. Name combination.
1987. *Nycterikaupius brunneus*: Menu, Palaeovertebrata, 17 (3):109. Name combination.
1987. *Pipistrellus (Neoromicia) brunneus*: Hill and Harrison, Bull. Br. Mus. nat. Hist. (Zool.), 52 (7): 282. Name combination.
1989. *P[ipistrellus] brunneus*: Koopman, Am. Mus. Novit., 2946: 10. Name combination (This might be a lapsus, since Koopman used *Eptesicus brunneus* on page 7).
1993. *Eptesicus (Neoromicia) brunneus*: Koopman, Mammal species of the World: Chiroptera: 201. Name combination.
1995. *Pipistrellus brunneus*: Koopman, Kofron and Chapman, Am. Mus. Novit., 3148: 11. Name combination.
2003. ? *brunneus*: Hooper and Van Den Bussche, Acta Chiropt., 5 (Suppl.): 38. Name combination.
- ? *Neoromicia brunneus*: Name combination.

Taxonomy:

Mentioned in the genus *Pipistrellus* by Koopman (1994: 117). Included (as (*Hypsugo*) *brunneus*) in a separate, unnamed genus by Hooper and Van Den Bussche (2003: 38).

Common names:

English: Brown Pipistrelle Bat, Dark-brown Pipistrelle Bat, Dark-brown serotine. French: Sérotine brun-noire. German: Dunkelbraune Zwergfledermaus, Dunkelbraune Pipistrelle.

Conservation status:

Global- LR/nt assessed as *Eptesicus brunneus* (Baillie and Groombridge 1996); NT ver 3.1 (2001) (IUCN 2004; Fahr 2004k).

General distribution:

Liberia to Democratic Republic of the Congo.



Figure 183. Clockwise from top lateral, ventral and dorsal skull images of BMNH 1880.7.21.7 holotype of *Vesperugo (Vesperus) brunneus* Thomas, 1880.



Distribution based on voucher specimens:
Cameroon, Congo (Democratic Republic of the),
Cote D'Ivoire, Côte d'Ivoire, Gabon, Ghana,
Liberia, Nigeria, Sierra Leone.

Figure 184. Distribution of *Neoromicia brunneus*.

Neoromicia capensis (A. Smith, 1829)

- *1829. *Vespertilio capensis* A. Smith, Zool. Journ., 4: 435. Type locality: Republic of South Africa: Cape Province, Grahamstown [33 18 S 26 32 E]. Type specimen: BMNH 1848.6.12.18; BMNH 1849.8.16.21 (Lectotype, the first number is for the skin, the second for the skull; collector Dr. J.A. Smith). Publication date: January-May 1829.
1840. *Vespertilio minuta* Temminck, Monogr. Mamm., 2: 209. Type locality: Republic of South Africa: Cape of Good Hope. Pre-occupied by *Vespertilio minutus* Montagu, 1808.
1855. *Vespertilio (Vesperus) minutus*: Wagner, Schreber's Säugeth., Suppl. 5: 747. Name combination.
1860. *Hypsugo minutus*: Kolenati, Monographie der Europäischen Chiroptern: 20. Name combination.
1861. *Scotophilus capensis*: Tomes, Proc. zool. Soc. Lond., 1861, I: 36. Name combination.
1861. *Scotophilus minutus*: Tomes, Proc. zool. Soc. Lond., 1861, I: 32. Name combination.
1876. *Vesperugo (Vesperus) grandidieri* Dobson, Ann. Mag. nat. Hist., ser. 4, 18 (108): 500. Type locality: Tanzania: Zanzibar [06 10 S 39 12 E]. Type specimen: MNHN 1996-2129 (ad F, skull and alcoholic, collector A. Grandidier, collection date 1864). Publication date: 1 December 1876.
1878. *Vesperugo (Vesperus) capensis*: Dobson, Cat. Chiropt. Brit. Mus.: 198. Name combination.
1878. *Vesperugo (Vesperus) minutus*: Dobson, Cat. Chiropt. Brit. Mus.: 197. Name combination.
1886. *Vesperugo capensis?* Nehring, Katalog der Säugethiere. xxx. Name combination.
1887. *Vesperus minutus*: Jentink, Mus. Hist. nat. Pays-Bas, Leyden, 1: xx. Name combination.
1889. *Vesperus damarensis* Noack, Zool. Jahrb., Syst., 4: 213, pl. 5, fig. 59. Type locality: Namibia: Damaraland, Omburu and Golabie. - Publication date: 28 February 1889.
1895. *Vesperus grandidieri*: Matschie, Säugethiere Deutsch-Ost-Afrikas: xxx. Name combination.
1897. *Eptesicus grandidieri*: Matschie, Zur Faunistik Deutsch-Ost-Afrikas. 5. Säugethiere: xxx. Name combination.
1897. *Eptesicus minutus*: Matschie, Arch. Naturg., 1: xx. Name combination.
1897. *Vesperugo (Vesperus) damarensis*: Trouessart, Catalogus Mammalium tam viventium quam fossilium: 110. Name combination.
1901. *Vespertilio (Eptesicus) capensis*: Sclater, Mammals of South Africa: 123, 125. Name combination.
1901. *Vespertilio (Eptesicus) damarensis*: Sclater, Mammals of South Africa: 123, 128. Name combination.
1901. *Vespertilio (Eptesicus) minutus*: Sclater, Mammals of South Africa: 123, 124. Name combination.
1905. *Vespertilio capensis gracilior* Thomas and Schwann, Proc. zool. Soc. Lond., 1905, I, II: 257. Type locality: Republic of South Africa: Natal, Zululand, Eshowe [28 54 S 31 28 E]. Type specimen: BMNH 1904.8.31.3 (ad? M, skin and skull, collector Captain C.H.B. Grant and C.D. Rudd, collection date 15 February 1904, original number 678). Publication date: 10 August 1905.
1907. *Vespertilio (Vespertilio) minutus*: Elliot, Field Columbian Mus., Zool. Ser., 115 (8): 512. Name combination.
1908. *Scabriber notius* G.M. Allen, Bull. Mus. comp. Zool., 52 (3): 46. Type locality: Republic of South Africa: SW Cape Province [=Western Cape], Cape Town. Type specimen: MCZ 4555 (holotype; ad M, body in alcohol, skull removed, collector E.L. Layard (received from); collection date: August 1864, see G.M. Allen, 1908: 46; Helgen and McFadden, 2001: 147). Publication date: July 1908.
1917. *Eptesicus garambæ* J.A. Allen, Bull. Am. Mus. Nat. Hist., 37 (18): 445. Type locality: Democratic Republic of the Congo: Garamba [04 11 N 30 00 E]. Type specimen: AMNH 49340 (ad M, skull and alcoholic, collector: Herbert Lang and James P. Chapin (American Museum Congo Expedition, collection date: 14 March 1912, original number 1888). Publication date: 29 September 1917.
1917. *Eptesicus minutus minutus*: J.A. Allen, Bull. Am. Mus. Nat. Hist., 37: 410, 445. Name combination.
1923. *Eptesicus capensis*: Kershaw, Rev. Zool. afr., 11 (4): xxx. Name combination.
1924. *Eptesicus capensis gracilior*: Roberts, Ann. Transv. Mus., 10: 60. Name combination.

1926. *Eptesicus damarensis*: Thomas, Proc. zool. Soc. Lond., 1926, I: 286. Name combination.
1932. *Eptesicus capensis nkatiensis* Roberts, Ann. Transv. Mus., 15 (1): 16. Type locality: Botswana: N Bechuanaland [=N Botswana], Nkate Type specimen: TM 6549 (ad. F, SS collector: Vernay-Lang Kalahari Expedition 1930 collection date: 16 August 1930 original number 999. Publication date: 1 October 1932.
1934. *Eptesicus capensis capensis*: Shortridge, Mammals of South West Africa: xxx. Name combination.
1939. *Rhinopterus notius*: G.M. Allen, Bull. Mus. comp. Zool., 83: 97. Name combination.
1953. *Eptesicus (Eptesicus) capensis capensis*: Ellerman, Morrison-Scott and Hayman, Southern African mammals: 75. Name combination.
1953. *Eptesicus (Eptesicus) capensis damarensis*: Ellerman, Morrison-Scott and Hayman, Southern African mammals: 75. Name combination.
1953. *Eptesicus (Eptesicus) capensis gracilior*: Ellerman, Morrison-Scott and Hayman, Southern African mammals: 75. Name combination.
1953. *Eptesicus (Eptesicus) capensis*: Ellerman, Morrison-Scott and Hayman, Southern African mammals: 75. Name combination.
1953. *Eptesicus (Rhinopterus) notius* Ellerman, Morrison-Scott and Hayman, Southern African mammals: 78. Name combination.
1961. *Eptesicus notius*: Bateman, Koedoe, 4: 82. Name combination.
1965. *Eptesicus capensis garambae*: Koopman, Am. Mus. Novit., 2219: 15. Name combination.
1984. *[Pipistrellus] capensis*: Heller and Volleth, Z. zool. Syst. Evolut.-forsch., 22: 72. Name combination.
1984. *Eptesicus (Eptesicus) capensis garambae*: Anciaux de Faveaux, Ann. Kon. Mus. Mid. Afr., Zool. Wetensch., 244: 39. Name combination.
1984. *Eptesicus (Eptesicus) capensis grandidieri*: Anciaux de Faveaux, Ann. Kon. Mus. Mid. Afr., Zool. Wetensch., 244: 39. Name combination.
1987. *Nycterikaupius capensis*: Menu, Palaeovertebrata, 17 (3):109. Name combination.
1987. *Pipistrellus (Neoromicia) capensis*: Hill and Harrison, Bull. Br. Mus. nat. Hist. (Zool.), 52 (7): 282. Name combination.
1988. *Pipistrellus (Neoromicia) capensis capensis*: Ansell and Dowsett, Mammals of Malawi: 41. Name combination.
1988. *Pipistrellus (Neoromicia) capensis gracilior*: Ansell and Dowsett, Mammals of Malawi: 41. Name combination.
1988. *Pipistrellus capensis capensis*: Thorn, Mammalia, 52 (2): 199. Name combination.
1988. *Pipistrellus capensis gracilior*: Thorn, Mammalia, 52 (2): xxx. Name combination.
1988. *Pipistrellus capensis notius*: Thorn, Mammalia, 52 (2): xxx. Name combination.
1988. *Pipistrellus capensis*: Thorn, Mammalia, 52 (2): xxx. Name combination.
1993. *Eptesicus (Neoromicia) capensis*: Koopman, Mammal species of the world: Chiroptera: 201. Name combination.
1994. *P[ipistrellus (Neoromicia)] c[apensis] damarensis*: Koopman, Chiroptera: 55. Name combination.
1994. *P[ipistrellus (Neoromicia)] c[apensis] garambae*: Koopman, Chiroptera: 55. Name combination.
1994. *P[ipistrellus (Neoromicia)] c[apensis] grandidieri*: Koopman, Chiroptera: 55. Name combination.
1994. *P[ipistrellus (Neoromicia)] c[apensis] matroka*: Koopman, Chiroptera: 55. Name combination.
1994. *P[ipistrellus (Neoromicia)] c[apensis] notius*: Koopman, Chiroptera: 55. Name combination.
2001. *Hypsugo capensis*: Volleth, Bronner, Göpfert, Heller, von Helversen and Yong, Chromosome Res., 9 (1): 25. Name combination (possibly a lapsus since this combination is only mentioned once in the abstract).
2001. *Neoromicia capensis*: Volleth, Bronner, Göpfert, Heller, von Helversen and Yong, Chromosome Res., 9 (1): 26. Name combination.

Taxonomy:

Includes *notius*; see Koopman (1975: 405). Mentioned in the genus *Pipistrellus* by Koopman (1994: 117). Most of the West African populations have not been allocated to subspecies. Volleth *et al.* (2001: 27) assigned this species to the genus *Neoromicia*. Koopman (1993a: 201) included *matroka*, but see Peterson *et al.* (1995: 104).



Figure 185. *Neoromicia capensis*

Common names:

Afrikaans: Kaapse dakvlermuis. English: Cape Serotine, Cape Pipistrelle Bat, Cape Serotine Bat, Cape House Bat. French: Sérotine du Cap. Portuguese: Morcego caseiro do cabo.

Etymology of name:

The name *capensis* refers to the Cape, where the type specimen was collected.

The colloquial name serotine is derived from the Latin *serotinus*, late in the evening (*serus*) (Taylor 2005).

Palaeontological / archaeological records:

This species has been recovered from the upper Pleistocene at Border Cave, South Africa (Avery 1991: 6).

Conservation status:

Global- LR/lc assessed as *Eptesicus capensis* (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004t).

Regional- South Africa- LC ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

Guinea over Benin (Capo-Chichi *et al.*, 2004: 163), Congo (Lavrenchenko *et al.*, 2004: 136), Uganda (Kityo and Kerbis, 1996: 62) to Ethiopia, south to Angola, Zambia, Zimbabwe, Namibia, Botswana (Cotterill, 2004: 261), South Africa.

Echolocation:

See Fenton and Bell (1981), Taylor (1999) and Taylor *et al.*, (2005).

Molecular biology:**DNA -**

Karyotype - Peterson and Nagorsen (1975), Rautenbach *et al.*, 1993), Volleth *et al.* (2001), and Kearney *et al.* (2002) all reported $2n=32$, FN = 50, BA = 20. While Rautenbach *et al.*, 1993) and Kearney *et al.* (2002) reported a metacentric X chromosome, Peterson and Nagorsen (1975) reported a submetacentric X chromosome. Peterson and Nagorsen (1975) and Rautenbach *et al.*, 1993) both reported an acrocentric Y chromosome. GTG-bands identified three Robertsonian fusion chromosomes (7/11, 8/9, 10,12), considered as distinguishing characters for the genus *Neoromicia* Kearney *et al.* (2002). Protein / allozyme - See Morales *et al.* (1991) for results from seven specimens from South Africa.

Parasites:

External: *Casodmus villosus* (Stål, 1855), a representative of the bed bug family (Reinhardt and Jacobs 2006).



Figure 186. Distribution of *Neoromicia capensis*

Distribution based on voucher specimens:

"Africa", Angola, Benin, Botswana, Burundi, Congo, Congo (Democratic Republic of the), Eritrea, Ethiopia, Kenya, Lesotho, Liberia, Madagascar, Malawi, Namibia, Nigeria, South Africa, Sudan, Swaziland, Tanzania, Togo, Unknown Country, WP, Zambia, Zimbabwe, Zimbabwe.

Neoromicia cf. melckorum Roberts, 1919

1995. *Eptesicus cf. melckorum*: Rautenbach, Fenton and Braack, Koedoe, 28: xxx.
 2002. *Neoromicia cf. melckorum*: Kearney, Volleth, Contrafatto and Taylor, Acta Chiropt., 4 (1): 58. Name combination.

Taxonomy:

Bronner *et al.* (2003) state that most previous authors recognised *Eptesicus* (= *Neoromicia*) *melckorum* as distinct from *N. capensis* (Roberts 1951); Ellerman *et al.* 1953; Hayman and Hill 1971; Corbet and Hill 1980; Meester *et al.* 1986). Koopman (1982), however, questioned the status of *N. melckorum*, since it cannot be clearly distinguished from *N. capensis*. Specimens from the type locality (Kersefontein Farm in the Western Cape Province) are morphologically and karyotypically indistinguishable from *N. capensis*, but specimens from the Kruger National Park with a unique karyotype ($2n=40$, aFN=50) agree with the original description of *melckorum* (Rautenbach *et al.* 1993; Kearney *et al.* 2002 for Kersefontein chromosomal data). The Kruger National Park specimens are also well differentiated from *N. capensis* by allozymes (Morales *et al.* 1991). *Neoromicia melckorum* should thus be synonymised under *N. capensis*, whereas specimens from the Kruger National Park probably represent a distinct species that remains unnamed (Koopman 1994), and which we refer to as *Neoromicia cf. melckorum*. It seems likely that the Zimbabwe specimens reported by Cotterill (1996) represent this latter species.

Common name:

English: Kruger serotine bat (Taylor 2005: 305, first use).

Conservation status:

Regional- South Africa- considered a vagrant (*Pipistrellus spp*- Kruger Serotine bat) not assessed, single locality (Friedmann and Daly 2004).

General distribution:

Kenya to Zamiba and N South Africa (Simmons, 2005).

Molecular biology:

DNA - Unknown.

Karyotype - Rautenbach *et al.* (1993) reported $2n = 40$; FN = 50, BA = 12, a metacentric X chromosome, and an acrocentric Y chromosome, for specimens from Zimbabwe and South Africa. Protein / allozyme - See Morales *et al.* (1991) for results from nine specimens from South Africa.



Figure 187. Distribution of *Neoromicia cf. melckorum*

Distribution based on voucher specimens: South Africa.

Neoromicia flavescens (de Seabra, 1900)

- *1900. *Vesperugo (Vesperus) flavescens* de Seabra, J. Sci. mat. phys. nat., Lisboa, ser. 2, 6: 23. Type locality: Angola: Galanga [12 04 S 15 09 E]. Type specimen: MNHN 1900-536 -> 537 (co- or topotypes: ad? M, skull and alcoholic, collector: José de Anchieta). Publication date: 1900.
1900. *Vesperugo flavescens*: Bocage, Bull. Mus. natn. Hist. nat., Paris, 6: 164. Name combination.
1935. *Pipistrellus flavescens*: Monard, Arq. Mus. Bocage, 6: 31. Name combination.
1937. *Eptesicus capensis angolensis* J.Eric Hill, Am. Mus. Novit., 916: 1. Type locality: Angola: Chitau [11 15 S 17 01 E, 4 900 ft (=1 494 m)]. Type specimen: AMNH 85535 (ad M, skin and skull, collector: Herbert Lang (Vernay Angola Expedition), collection date: 5 August 1925, original number 620). Publication date: 17 April 1937.
1939. *Eptesicus flavescens*: G.M. Allen, Bull. Mus. comp. Zool., 83: 83. Name combination.
1953. *Eptesicus (Eptesicus) flavescens*: Ellerman, Morrison-Scott and Hayman, Southern African mammals: 76. Name combination.
1987. *[Attalepharca] flavescens*: Menu, Palaeovertebrata, 17 (3): 126. Name combination.
1987. *Pipistrellus (Neoromicia) flavescens*: Hill and Harrison, Bull. Br. Mus. nat. Hist. (Zool.), 52 (7): 282. Name combination.
1993. *Eptesicus (Neoromicia) flavescens*: Koopman, Mammal species of the world: Chiroptera: 201. Name combination.
2006. *Neoromicia flavescens*: African Chiroptera Report, African Chiroptera Project, Pretoria p.132-133. Name combination.

Taxonomy:

Mentioned in the genus *Pipistrellus* by Koopman (1994: 117).

Common names:

English: Yellow Pipistrelle Bat, Yellow serotine.
 French: Sérotine jaune, Pipistrelle jaune.
 German: Gelbe Zwergfledermaus.

Conservation status:

Global- DD assessed as *Eptesicus flavescens* (Baillie and Groombridge 1996); DD ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004aa).

General distribution:

Angola, Burundi, Malawi (1st Malawi record: Happold and Happold (1997: 81). But see Kock (2001; pers. comm)).

Distribution based on voucher specimens:

Angola, Burundi, Cameroon, Malawi.



Figure 188. Distribution of *Neoromicia flavescens*

Neoromicia guineensis (Bocage, 1889)

- *1889. *Vesperus guineensis* Bocage, J. Sci. mat. Phys. Nat., Lisboa, ser. 2, 1 (1): 6. Type locality: Guinea Bissau: Bissau. Publication date: March 1889.
1897. *Vesperugo (Vesperus) guineensis*: Trouessart, Catalogus Mammalium tam viventium quam fossilium: 110. Name combination.
1916. *Eptesicus rectitragus* Wettstein, Anz. K. Akad. Wiss., Wien, math.-nat. Kl., 53: 191. Type locality: Sudan: S Kordofan, N edge of Nuba Mountains Dilling [12 02 N 29 39 E, 660 m]. Type specimen: NMW 8411 (juv M, collector: Otto von Wettstein, collection date: 20 March 1914, original number AM 96/2). Publication date: 1916.
1923. *Eptesicus guineensis*: de Beaux, Atti Soc. ital. Sci. nat., 62: xxx. Name combination.
1975. *Eptesicus (Eptesicus) guineensis*: Koopman, Bull. Am. Mus. Nat. Hist., 154 (4): 406. Name combination.
1987. *Pipistrellus (Neoromicia) guineensis*: Hill and Harrison, Bull. Br. Mus. nat. Hist. (Zool.), 52 (7): 282. Name combination.
1993. *Eptesicus (Neoromicia) guineensis*: Koopman, Mammal species of the world: Chiroptera: 202. Name combination.
1994. *P[ipistrellus (Neoromicia)] g[guineensis] guineensis*: Koopman, Chiroptera: 117. Name combination.
1994. *P[ipistrellus (Neoromicia)] g[guineensis] rectitragus*: Koopman, Chiroptera: 117. Name combination.
1995. *Pipistrellus guineensis*: Koopman, Kofron and Chapman, Am. Mus. Novit., 3148: 11. Name combination.
2006. *Neoromicia guineensis*: African Chiroptera Report, African Chiroptera Project, Preoria, p. 133-134. Name combination.

Taxonomy:

This species is called *pusillus* by Hayman and Hill (1971); but see Koopman (1975: 406, 407). Mentioned in the genus *Pipistrellus* by Koopman (1994: 117).

Common names:

English: Guinean Pipistrelle Bat, Tiny serotine.
 French: Sérotine minuscule, Pipistrelle de Guinée. German: Guinea-Zwergfledermaus.

Etymology of name:

The name refers to the area where the type specimen was collected.

Conservation status:

Global- LR/nt (Baillie and Groombridge 1996);
 LC ver 3.1 (2001) (IUCN 2004; Fahr 2004g).

General distribution:

Gambia (Kock *et al.*, 2002: 89), Senegal, Guinea-Bissau (Kock *et al.*, 2002: 89) and Guinea over Burkina Faso (Kock *et al.*, 2002: 89), Benin (Capo-Chichi *et al.*, 2004: 163), Chad (Kock *et al.*, 2002: 89) to Ethiopia and NE Democratic Republic of the Congo; perhaps Tanzania (The latter specimens might pertain to *P. somalicus*, see Koopman (1994: 117)).



Figure 189. Distribution of *Neoromicia guineensis*

Distribution based on voucher specimens:
 Benin, Burkina Faso, Cameroon, Central African Republic, Chad, Congo (Democratic Republic of the), Cote D'Ivoire, Egypt, Ethiopia, Ghana, Guinea, Senegal, Sudan.

Neoromicia helios (Heller, 1912)

- *1912. *Pipistrellus helios* Heller, Smithson. Misc. Coll., 60 (12): 3. Type locality: Kenya: 30 mi (48 km) S Mt. Marsabit, Merelle Water [01 23 S 37 44 E]. Type specimen: USNM 181813 (ad M, collector Edmund Heller, collection date 22 July 1911, original number 3065). Publication date: 4 November 1912.
1951. *Pipistrellus helios*: Watson, Uganda J., 15 (1): xx. Lapsus.
1968. *Pipistrellus nanus helios*: Funaioli and Lanza, Mon. Zool. ital., (n.s.) 2 (suppl.): 199. Name combination.
1987. *Pipistrellus (Hypsugo) helios*: Hill and Harrison, Bull. Br. Mus. nat. Hist. (Zool.), 52 (7): 282. Name combination.
1994. *Pipistrellus (Pipistrellus) africanus helios*: Koopman, Handbook of Zoology: Chiroptera: 113. Name combination.
2002. *Hypsugo helios*: Kruskop, Plecotus *et al.*, pars. spec.: 21. Name combination.
2006. *Neoromicia helios*: African Chiroptera Report, African Chiroptera Project, Pretoria, p. 134. Name combination.

Taxonomy:

Hill and Harrison (1987) indicated that the shape of the baculum support the separation of *helios* from *Pipistrellus nanus*, which is confirmed by Kock (pers. comm.). See discussion in Simmons (2005).

Common names:

English: Samburu Pipistrelle Bat, Helios Pipistrelle Bat, Heller's Pipistrelle Bat. French: Pipistrelle soleil. German: Samburu-Zwergfledermaus.

Etymology of name:

From the Greek "*helios*" meaning sun.

Conservation status:

Global- DD ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004z).

General distribution:

Kenya, Somalia, Djibouti, NE Uganda, extreme S Sudan, N Tanzania, maybe more widespread (Simmons, 2005).



Figure 190. Distribution of *Neoromicia helios*

Distribution based on voucher specimens:
 Kenya, Somalia, Sudan, Tanzania, Uganda.

Neoromicia humbloti (A. Milne-Edwards, 1881)

- *1881. *Vesperus humbloti* A. Milne-Edwards, C. R. Acad. Sci., Paris, 91: 1035. Type locality: Madagascar: no specific locality. Type specimens: MNHN 1986-1074 - 1082 (syntypes?: 1 ad F, 2 ad M, 1 ad? M, 2 imm F, 3 imm M). Publication date: 1881.
- 1897. *Vesperugo (Vesperus) humbloti*: Trouessart, Catalogus Mammalium tam viventium quam fossilium: 110. Name combination.
- 1939. *Eptesicus humbloti*: G.M. Allen, Bull. Mus. comp. Zool., 83: 85. Name combination.
- 1994. *P[ipistrellus (Neoromicia) s[omalicus] humbloti*: Koopman, Chiroptera: 117. Name combination.
- 2006. *Neoromicia humbloti*: African Chiroptera Report, African Chiroptera Project, Pretoria, p. 135. Name combination.

Taxonomy:

The status of *humbloti* can not be validated (see Peterson *et al.*, 1995: 104). It is sometimes mentioned as synonym of *somalicus* Thomas, 1901. However, if this is correctly assigned to that form, then *humbloti* A. Milne-Edwards, 1881 should be the valid name for what is now known as *N. somalicus*.

We consider *humbloti* to be an island species, allied to *N. somalicus* Thomas, 1901, but differing from it on specific level. The relation with *N. malagasyensis* Peterson, Eger and Mitchell, 1975 still needs to be evaluated.

Conservation status:

Global- Not assessed (IUCN 2004).

General distribution:

Madagascar

Distribution based on voucher specimens:

Madagascar.

Neoromicia malagasyensis (Peterson, Eger and Mitchell, 1995)

- *1995. *Eptesicus somalicus malagasyensis* Peterson, Eger and Mitchell, Faune de Madagascar, Chiroptères, 84: 100. Type locality: Madagascar: Sakaraha sous-prefecture, 220 km NE Tuléar [=Toleara], east of Ilakaka [22 41 S 45 13 E] (Bates *et al.* (2006: 313 situated the type locality at Maninday [22 47 S 44 48 E]. Type specimen: ROM 42713 (F, skin and skull, collector: R.L. Peterson, J.G. Williams and R. Glen, collection date: 13 May 1967: see Peterson *et al.* (1995: 100), Goodman and Ranivo (2004: 434)).
- 2004. *N[eoromicia] malagasyensis*: Goodman and Ranivo, Mamm. biol., 69 (6): Name combination.
- 2004. *Neoromicia somalicus malagasyensis*: Goodman and Ranivo, Mamm. biol., 69 (6): 434. Name combination.

Taxonomy:

Only known from a very limited number of specimens. Originally considered a subspecies of *somalicus* Thomas, 1901, but see Goodman and Ranivo (2004: 438), who elevate it to species rank.

However, they did not discuss the relation of this form with *humbloti* A. Milne-Edwards, 1881.

Conservation status:

Global- Not assessed (IUCN 2004).

General distribution:

SW Madagascar.

Distribution based on voucher specimens:

[Madagascar](#).



Figure 191. Distribution of *Neoromicia malagasyensis*

Neoromicia matroka (Thomas and Schwann, 1905)

- *1905. *Vespertilio matroka* Thomas and Schwann, Proc. zool. Soc. Lond., 1905, I, II: 258. Type locality: Madagascar: Betsileo, Ambositra [20 31 S 47 15 E, 1 100 m]. Type specimen: BMNH 1897.9.1.32 (ad M, skull and alcoholic, collector: Dr. C.I. Forsyth-Major, collection date: 2 February 1875, original number 177: see Peterson *et al.*, 1995: 104). Publication date: 10 August 1905.
- 1939. *Eptesicus matroka*: G.M. Allen, Bull. Mus. comp. Zool., 83: 86. Name combination.
- 1987. *Nycterikaupius matroka*: Menu, Palaeovertebrata, 17 (3): 109. Name combination (and lapsus).
- 2006. *Neoromicia matroka*: African Chiroptera Report, African Chiroptera Project, Pretoria, p. 136. Name combination.

Taxonomy:

Considered a synonym of *capensis* by Koopman (1993a: 201), but see Peterson *et al.* (1995: 104), Russ *et al.* (2001), Simmons (2005) who consider it a valid species.

Common names:

English: Madagascar serotine, Matroka Bat.
French: Sérotine de Madagascar.

Conservation status:

Global- Not assessed (IUCN 2004).

General distribution:

E Madagascar (limitation to E Madagascar: see Peterson *et al.*, 1995: 105).

Distribution based on voucher specimens:

[Madagascar](#).



Figure 192. Distribution of *Neoromicia matroka*

Neoromicia melckorum (Roberts, 1919)

- *1919. *Eptesicus melckorum* Roberts, Ann. Transv. Mus., 6: 113. Type locality: Republic of South Africa: SW Cape Province, Berg River, Kersfontein. Type specimen: TM 2283 (ad. F, skin and skull, collector: Austin Roberts and Adendorff, collection date: 21 November 1917 original number: 533 note: In loft, under eaves of house) Publication date: April 1919.
1953. *Eptesicus (Eptesicus) melckorum*: Ellerman, Morrison-Scott and Hayman, Southern African mammals: 76. Name combination.
1987. *Nycterikaupius melckorum*: Menu, Palaeovertebrata, 17 (3): 109. Name combination.
1987. *Pipistrellus (Neoromicia) melckorum*: Hill and Harrison, Bull. Br. Mus. nat. Hist. (Zool.), 52 (7): 274. Name combination.
1993. *Eptesicus (Neoromicia) melckorum*: Koopman, Mammal Species of the world. Chiroptera: 202. Name combination.
2002. *N[eoromicia] melckorum*: Kearney, Volleth, Contrafatto and Taylor, Acta Chiropt., 4 (1): 57. Name combination.

Taxonomy:

Bronner *et al.* (2003) state that most previous authors recognised *Eptesicus* (= *Neoromicia*) *melckorum* as distinct from *N. capensis* (Roberts 1951); Ellerman *et al.* 1953; Hayman and Hill 1971; Corbet and Hill 1980; Meester *et al.* 1986). Koopman (1982), however, questioned the status of *N. melckorum*, since it cannot be clearly distinguished from *N. capensis*. Specimens from the type locality (Kersefontein Farm in the Western Cape Province) are morphologically and karyotypically indistinguishable from *N. capensis*, but specimens from the Kruger National Park with a unique karyotype (2n= 40, aFN= 50) agree with the original description of *melckorum* (Rautenbach *et al.* 1993; Kearney *et al.* 2002 for Kersefontein chromosomal data). The Kruger National Park specimens are also well differentiated from *N. capensis* by allozymes (Morales *et al.* 1991). *Neoromicia melckorum* should thus be synonymised under *N. capensis*, whereas specimens from the Kruger National Park probably represent a distinct species that remains unnamed (Koopman 1994), and which we refer to as *Neoromicia cf. melckorum*. It seems likely that the Zimbabwe specimens reported by Cotterill (1996) represent this unnamed species.

This species has not been clearly distinguished from *capensis*. Mentioned in the genus *Pipistrellus* by Koopman (1994: 117). Koopman (1994: 117) states that the present (more northern) species is clearly distinct from *P. capensis* and should be renamed.

Common names: Afrikaans: Melck se dakvlermuis, Melck-dakvlermuis. English: Melck's Pipistrelle Bat, Melck's House Bat, Melck's serotine bat. French: Sérotine de Melck. Portuguese: Morcego caseiro de cauda comrido.

Etymology of name:

In honour of R. Melck of Kersfontein, Berg River, Cape Province, on whose property the original specimen was taken (Smithers 1983: 102).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); DD ver 3.1 (2001) (IUCN 2004; Jacobs 2004a).

Regional assessment- South Africa- considered a vagrant not assessed, not in SA (Friedmann and Daly 2004).

General distribution:

Cape Prov. (South Africa), Zambia, Zimbabwe, Botswana, Namibia (?), Mozambique, Tanzania, Malawi (Happold and Happold, 1997: 821). Madagascar (Bates *et al.* 2006: 315).

Echolocation:

See Taylor (1999).



Figure 193. Distribution of *Neoromicia melckorum*

Distribution based on voucher specimens: Malawi, Mozambique, Namibia, South Africa, Tanzania, Zambia, Zimbabwe.

Neoromicia rendalli (Thomas, 1889)

- *1889. *Vesperugo (Vesperus) Rendalli* Thomas, Ann. Mag. nat. Hist., ser. 6, 3 (16): 362, fig. 1. Type locality: Gambia: Bathurst [Banjul] [13 28 N 16 39 W]. Type specimen: BMNH 1889.3.2.3 (ad M; skull and alcoholic; collector dr. Percy Rendall: see Thomas, 1889: 26-7). Publication date: 1 April 1889.
1897. *Vesperugo (Eptesicus) rendalli*: Thomas, Proc. zool. Soc. Lond., 1896, IV: 791. Name combination. Publication date: April 1897.
1899. *Vesperugo Rendalli*: Trouessart, Catalogus Mammalium tam viventium quam fossilium: 1280. Name combination.
1911. *Eptesicus phasma* G.M. Allen, Bull. Mus. comp. Zool., 54: 327. Type locality: Kenya: Northern Guaso Nyiro, Meru River (effluent of northern Guaso Nyiro [=Ewaso Nyiro]). Type specimen: MCZ 8279 (holotype; ad M, skin and skull, collector Glover M. Allen, collection date: 6 August 1909, original number: 94; see Allen, 1911: 327). The MCZ also has a small series of paratypes (see Helgen and McFadden, 2001: 14). Publication date: December 1911.
1917. *Eptesicus faradjius* J.A. Allen, Bull. Am. Mus. Nat. Hist., 37 (18): 444. Type locality: Democratic Republic of the Congo: NE Congo, Faradje [03 44 N 29 43 E]. Type specimen: AMNH 49045 (ad F, skin and skull, collector Herbert Lang and James P. Chapin (American Museum Congo Expedition), collection date 21 February 1911, original number 1914). Publication date: 29 September 1917.
1926. *Eptesicus rendalli*: Cabrera and Ruxton, Ann. Mag. nat. Hist., ser. 9, 17 (103): xxx. Name combination: Publication date: 1 May 1926.
1953. *Eptesicus (Eptesicus) rendalli*: Ellerman, Morrison-Scott and Hayman, Southern African mammals 1758 to 1951: 77. Name combination.
1965. *Eptesicus rendalli phasma*: Koopman, Am. Mus. Novit., 2219: 14. Name combination.
1965. *Eptesicus rendalli faradjius*: Koopman, Am. Mus. Novit., 2219: 14. Name combination.
1968. *Eptesicus rendalli phasma*: Funaioli and Lanza, Mon. Zool. ital., (n.s.) 2 (suppl.): 200. Name combination.
1975. *Eptesicus (Eptesicus) rendalli phasma*: Koopman, Bull. Am. Mus. Nat. Hist., 154 (4): 409. Name combination.
1984. *Eptesicus (Eptesicus) rendalli phasma*: Anciaux de Faveaux, Ann. Kon. Mus. Mid. Afr., Zool. Wetensch., 244: 48. Name combination.
1984. *Eptesicus (Eptesicus) rendalli rendalli*: Anciaux de Faveaux, Ann. Kon. Mus. Mid. Afr., Zool. Wetensch., 244: 47. Name combination.
1987. *Nycterikaupius rendalli*: Menu, Palaeovertebrata, 17 (3): 109. Name combination.
1987. *Pipistrellus (Neoromicia) rendalli*: Hill and Harrison, Bull. Br. Mus. nat. Hist. (Zool.), 52 (7): 282. Name combination.
1992. *Eptesicus rendallii* Rautenbach and Fenton, Z. Säugetierk., 57: 113. Lapsus.
1993. *Eptesicus (Neoromicia) rendalli*: Koopman, Mammal species of the World: Chiroptera: 203. Name combination.
1994. *Eptesicus (Neoromicia) rendalli phasma*: Koopman, Chiroptera: 117. Name combination.
1994. *Eptesicus (Neoromicia) rendalli rendalli*: Koopman, Chiroptera: 117. Name combination.
1995. *Pipistrellus rendalli*: Koopman, Kofron and Chapman, Am. Mus. Novit., 3148: 11. Name combination.
2002. *Neoromicia rendalli*: Kearney, Volleth, Contrafatto and Taylor, Acta Chiropt., 4 (1): 58. Name combination.
2002. *Pipistrellus rendalli phasma*: Kock, Barnett, Fahr and Emms, Acta Chiropt., 4 (1): xx.
2003. ? (*Hypsugo*) *rendalli*: Hooper and Van Den Bussche, Acta Chiropt., 5 (Suppl.): 38. Name combination.

Taxonomy:

Mentioned in the genus *Pipistrellus* by Koopman (1994: 117). Volleth *et al.* (2001: 44) assigned this species to the genus *Neoromicia*. Reviewed by Kock *et al.* (2002: 89). Included (as (*Hypsugo*) *rendalli*) in a separate, unnamed genus by Hooper

and Van Den Bussche (2003: 38).

Common names:

Afrikaans: Rendall se dakvlermuis, Rendal-dakvlermuis. English: Rendall's Serotine, Rendall's Serotine Bat, Rendall's Pipistrelle Bat,

Rendall's Pipistrelle. French: Serotine de Rendall, Pipistrelle de Rendall
 German: Rendalls Zwergfledermaus. Portuguese: Morcego caseiro de Rendall.

Etymology of name:

In honour of Dr. Percy Rendall, the collector of the type specimen (Thomas 1889: 364; Smithers 1983: 102; Taylor 2005).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004ad).

Regional- South Africa- CR B2ab(iii) ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

Gambia over Mali (Meinig, 2000: 105), Benin (Capo-Chichi *et al.*, 2004: 163), to Somalia, south to Botswana, Namibia (?), Zambia (Cotterill, 2004: 261), Malawi, Mozambique, and South Africa (Kwazulu-Natal; Kearney & Taylor, 1997: 54).

GTG-bands identified three Robertsonian fusion chromosomes (7/11, 8/9, 10,12), considered as distinguishing characters for the genus *Neoromicia* Kearney *et al.* (2002).
 Protein / allozyme - Unknown.



Figure 195. Distribution of *Neoromicia rendalli*

Distribution based on voucher specimens:

Benin, Botswana, Cameroon, Central African Republic, Chad, Congo (Democratic Republic of the), Ghana, Kenya, Malawi, Mali, Niger, Nigeria, Sierra Leone, Somalia, South Africa, Sudan, Tanzania, The Gambia, Togo, Uganda, Zambia, Zimbabwe.



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Figure 194. Clockwise from top lateral, ventral and dorsal skull images of BMNH 1889.3.2.3, holotype of *Vesperugo (Vesperus) rendalli* Thomas, 1889.

Molecular biology:

DNA - Unknown.

Karyotype - McBee *et al.* (1987), Rautenbach and Fenton (1992) and Kearney *et al.* (2002) all recorded $2n = 38$, FN = 50, BA = 14, and a submetacentric X chromosome. Rautenbach and Fenton (1992) and Kearney *et al.* (2002) also both recorded an acrocentric Y chromosome.

Neoromicia somalicus (Thomas, 1901)

- *1901. *Vespertilio minutus somalicus* Thomas, Ann. Mag. Nat. Hist., ser. 7, 8 (43): 32. Type locality: Somalia: Northwest Province, Hargeisa [09 33 N 44 04 E, 3 500 ft (= 1 067 m)]. Type specimen: BMNH 1898.6.9.1 (Holotype, ad ?, skin and skull, collector: R. McDonald Hawker, collection date: 14 November 1897, original number RH5). Publication date: 1 July 1901.
1907. *Vespertilio somalicus*: Matschie, Liste der von Herrn V.B. Schillings gesammelten Säugetier-Arten: 534. Name combination.
1911. *Eptesicus minutus somalicus*: G.M. Allen, Bull. Mus. comp. Zool., 54 (9): 326. Name combination.
1916. *Eptesicus ugandæ* Hollister, Smithson. Misc. Coll., 66 (1): 3. Type locality: Uganda: Between Nimule and Gondokoro, Ledgus. Type specimen: USNM 166520 (ad F, skull and alcoholic, collector: J. Alden Loring, collection date: 15 February 1910, original number 9022). Publication date: 10 February 1916.
1918. *Eptesicus capensis somalicus*: Hollister, Bull. U.S. natl. Mus., 99: 92. Name combination.
1930. *Pipistrellus minutus somalicus*: Zammarano, Le colonie Italiane di diretto dominio: xx. Name combination.
1962. *Eptesicus somalicus*: Rosevear, Cat. Chiroptera Brit. Mus.: 199. Name combination., 26 (4): xxx. Name combination.
1965. [*Eptesicus somalicus*] *ugandæ*: Koopman, Am. Mus. Novit., 2219: 14. Name combination.
1969. *Eptesicus somalicus ugandæ*: Kock, Abh. Senckenberg. naturforsch. Ges., 521: 175. Name combination.
1971. *Eptesicus (Eptesicus) somalicus somalicus*: Hayman and Hill, Order Chiroptera: 44. Name combination.
1971. *Eptesicus (Eptesicus) somalicus ugandæ*: Hayman and Hill, Order Chiroptera: 44. Name combination.
1971. *Eptesicus (Eptesicus) somalicus*: Hayman and Hill, Order Chiroptera: 44. Name combination.
1971. *Eptesicus somalicus somalicus*: Hill and Morris, Bull. Br. Mus. nat. Hist. (Zool.), 21 (2): 42. Name combination.
1987. *Nycterikaupius somalicus*: Menu, Palaeovertebrata, 17 (3): 109. Name combination.
1987. *Pipistrellus (Neoromicia) somalicus*: Hill and Harrison, Bull. Br. Mus. nat. Hist. (Zool.), 52 (7): 282. Name combination.
1993. *Eptesicus (Neoromicia) somalicus*: Koopman, Chiroptera: 203. Name combination.
1994. *P[ipistrellus (Neoromicia)] s[omalicus] somalicus*: Koopman, Chiroptera: 117. Name combination.
1994. *P[ipistrellus (Neoromicia)] s[omalicus] ugandæ*: Koopman, Chiroptera: 117. Name combination.
1995. *P[ipistrellus] somalicus*: Barratt, Bruford, Burland, Jones, Racey, and Wayne, Symp. zool. Soc. Lond., 67: 380. Name combination.
1995. *P[ipistrellus] somalius* Burland, Jones, Racey, and Wayne, Symp. zool. Soc. Lond., 67: 379. Lapsus.
1995. *Pipistrellus somalicus*: Koopman, Kofron and Chapman, Am. Mus. Novit., 3148: 11. Name combination.
2003. *Neoromicia somalicus*: Hooper and Van Den Bussche, Acta Chiropt., 5 (Suppl.): 19. Name combination.
2004. *N[eoromicia] s[omalicus] somalicus*: Goodman and Ranivo, Mamm. biol., 69 (6): 434. Name combination.

Taxonomy:

Koopman (1993a: 203) included *zuluensis*; see Koopman (1975: 404, 405), but see Peterson *et al.* (1995), Simmons (2005). Mentioned in the genus *Pipistrellus* by Koopman (1994: 117). The subspecific allocations of West African and Tanzanian populations are uncertain (Koopman,

1994: 117).

Common names:

Afrikaans: Somali-dakvlermuis. English: Somali serotine, Somali Pipistrelle Bat, Somalian Pipistrelle Bat, Somali Serotine Bat. French: Sérotine de Somalie, Pipistrelle de

Somalia. German: Somalia-Zwergfledermaus.

Etymology of name:

The name refers to the country where the type specimen was collected.

Conservation status

Global- LR/lc assessed as *Eptesicus somalicus* (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Jacobs 2004c).

General distribution:

Guinea-Bissau to Ethiopia (Lavrenchenko *et al.*, 2004: 147), Somalia, south over Uganda (Kityo and Kerbis, 1996: 62) to Malawi (1st Malawi record: see Happold and Happold (1997: 825), although with some reservations), Namibia, Botswana, Zambia, Zimbabwe (Cotterill, 2004: 261) and South Africa; Madagascar.

Specimens from southern Africa might possibly represent *Neoromicia zuluensis*, since the distinction between the two species (*zuluensis* and *somalicus*) has not been made throughout the literature.

Molecular biology:

DNA - See Hooper and Van Den Bussche (2003) for the results of a specimen from Kenya.

Karyotype - McBee *et al.* (1987) reported $2n = 26$, FN = 48, BA = 24, a subtelocentric X chromosome, and an acrocentric Y chromosome. Protein / allozyme - Unknown.



Figure 197. Distribution of *Neoromicia somalicus*

Distribution based on voucher specimens:

"Africa", Angola, Benin, Botswana, Burkina Faso, Cameroon, Central African Republic, Chad, Congo (Democratic Republic of the), Cote D'Ivoire, Eritrea, Ethiopia, Ghana, Guinea-Bissau, Kenya, Namibia, Nigeria, Rwanda, Sierra Leone, Somalia, South Africa, Sudan, Tanzania, Togo, Uganda, Zimbabwe.



Figure 196. Clockwise from top lateral, ventral and dorsal skull images of BMNH 1898.6.9.1, holotype of *Vespertilio minutus somalicus* Thomas, 1901.

Neoromicia tenuipinnis (Peters, 1872)

- *1872. *Vesperus tenuipinnis* Peters, Monatsb. K. preuss. Akad. Wiss. Berlin, p. 263. Type locality: "Guinea": no specific locality. - Publication date: 1872.
1878. *Vesperugo (Vesperus) tenuipinnis*: Dobson, Catalogue of the Chiroptera of the collection of the British Museum: 200. Name combination.
1889. *Vesperus bicolor* Bocage, J. Sci. mat. Phys. Nat., Lisboa, ser. 2, 1 (1): 5. Type locality: Angola: Caconda [13 42 S 15 05 E, 1 900 m]. Type specimen: BMNH 1889.5.1.3 (Syntype, ad M, skull and alcoholic, collector José de Anchieta). Publication date: March 1889.
1889. *Vesperus tenuipennis* Noack, Zool. Jb. Syst., 4: xxx. Lapsus.
1897. *Eptesicus tenuipinnis*: Matschie, Arch. Naturg., 1: xxx. Name combination.
1897. *Vesperugo (Vesperus) bicolor*: Trouessart, Catalogus Mammalium tam viventium quam fossilium: 110. Name combination.
1900. *Vespertilio tenuipennis* Miller, Proc. Wash. Acad. Sci., 2: xxx. Lapsus..
1916. *E[ptesicus] bicolor*: Wettstein, Anz. kais. Akad. Wiss., Wien: 201. Name combination.
1917. *Eptesicus ater* J.A. Allen, Bull. Am. Mus. Nat. Hist., 37 (18): 443. Type locality: Democratic Republic of the Congo: NE Congo, Oriental Province, Faradjé [03 44 N 29 43 E]. Type specimen: AMNH 48988 (ad M, skin and skull, collector: Herbert Lang and James P. Chapin (American Museum Congo Expedition), collection date: 1 March 1911, original number 1466). Publication date: 29 September 1917.
1923. *Eptesicus tenuipennis*: Kershaw, Rev. Zool. afr., 11 (4): 358. Lapsus.
1935. *Pipistrellus bicolor*: Monard, Arq. Mus. Bocage, 6: xx. Name combination.
1936. *Eptesicus bicolor*: St. Leger, Novit. Zool., 40: 79. Name combination.
1950. *Eptesicus tenuipinnis ater*: Sanborn, Publ. Cult. Comp. Diamantes Angola, Lisboa, 10: xxx. Name combination.
1952. *Eptesicus tenuipinnis* Cozens and Marchant, The Nigerian Field, 17 (3): 127. Lapsus.
1953. *Eptesicus (Eptesicus) bicolor*: Ellerman, Morrison-Scott and Hayman, Southern African Mammals: 77. Name combination.
1953. *Eptesicus (Eptesicus) tenuipinnis ater*: Ellerman, Morrison-Scott and Hayman, Southern African Mammals: 77. Name combination.
1953. *Eptesicus (Eptesicus) tenuipinnis tenuipinnis*: Ellerman, Morrison-Scott and Hayman, Southern African Mammals: 77. Name combination.
1953. *Eptesicus (Eptesicus) tenuipinnis*: Ellerman, Morrison-Scott and Hayman, Southern African Mammals: 77. Name combination.
1956. *Eptesicus tenuipinnis* Theodor, Parasitology, 46: xxx. Lapsus.
1956. *Eptesicus tenuipinnis tenuipinnis*: Eisentraut, Zool. Jb. Syst., 84 (3): 531. Name combination.
1987. *Nycterikaupius tenuipinnis*: Menu, Palaeovertebrata, 17 (3): 109. Name combinationa.
1987. *Pipistrellus (Neoromicia) tenuipinnis*: Hill and Harrison, Bull. Br. Mus. nat. Hist. (Zool.), 52 (7): 282. Name combination.
1992. *Pipistrellus tenuipinnis*: Duckworth and Timmins, The bats of Nechisar National Park: 36. Name combination.
1993. *Eptesicus (Neoromicia) tenuipinnis*: Koopman, Chiroptera: 218. Name combination.
1994. *P[ipistrellus (Neoromicia)] t[tenuipinnis] ater*: Koopman, Chiroptera: 117. Name combination.
1994. *P[ipistrellus (Neoromicia)] t[tenuipinnis] tenuipinnis*: Koopman, Chiroptera: 117. Name combination.
1994. *P[ipistrellus (Pipistrellus)] bicolor*: Koopman, Chiroptera: 114. Name combination.
2002. *Eptesicus tenuipinnis* Fenton and Bogdanowicz, Can. J. Zool., 80: 1008. Lapsus.
2002. *Eptesicus tenuipinnis* Fenton and Bogdanowicz, Can. J. Zool., 80: 1013. Lapsus.
2006. *Neoromicia tenuipinnis*: African Chiroptera Report, African Chiroptera Project, Pretoria, p. 140-142. Name combination.

Taxonomy:

Eptesicus bicolor was tentatively included here by Hayman and Hill (1971: 43), but this may be an older name for *Pipistrellus anchietai*; see Koopman (1975: 404). Koopman (1994: 117)

mentions this species in the genus *Pipistrellus*.

Common names:

English: Slender-winged Pipistrelle Bat, White-winged Pipistrelle Bat, White-winged serotine,

White-winged bat. French: Sérotine à ailes blanches. German: Weissflügel-Zwergfledermaus, Weissflügel Pipistrelle.

Conservation status:

Global- LR/lc assessed as *Eptesicus tenuipinnis* (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Fahr 2004j).

General distribution:

Senegal over Guinea (Konstantinov *et al.*, 2000: 145), Republic of the Congo (Dowsett *et al.*, 1991: 259), Uganda (Kityo and Kerbis, 1996: 62) to Ethiopia (Lavrenchenko *et al.*, 2004: 147), Kenya, south to Angola and Democratic Republic of the Congo.

Distribution based on voucher specimens:

"Africa", Angola, [Burundi](#), Burundi?, [Cameroon](#), [Central African Republic](#), [Congo](#), [Congo \(Democratic Republic of the\)](#), [Cote D'Ivoire](#), [Côte d'Ivoire](#), [Ethiopia](#), [Gabon](#), [Ghana](#), Guinea, [Kenya](#), [Liberia](#), [Nigeria](#), [Rwanda](#), [Sierra Leone](#), [Somalia](#), Tanzania, Togo, [Uganda](#).



Figure 198. Distribution of *Neoromicia tenuipinnis*

Neoromicia zuluensis (Roberts, 1924)

- *1924. *Eptesicus zuluensis* Roberts, Ann. Transv. Mus., 10: 60, text-fig. 1. Type locality: Republic of South Africa: Natal, Zululand, White Umfolosi Game Reserve [28 19 S 31 50 E]. Type specimen: TM 3024 (ad F, skin and skull, collector: Austin Roberts [other label has G.M. Allen as collector], collection date: 29 June 1922 original number: 14, note: Shot at dusk). Publication date: 31 January 1924.
1926. *Neoromicia zuluensis*: Roberts, Ann. Transvaal Mus., 11: xxx. Name combination.
1932. *Neoromicia vansoni* Roberts, Ann. Transv. Mus., 15: 15. Type locality: Botswana: Ngamiland, N of Tsotsoroga Pan, Zweizwe river waterhole. Type specimen: TM 6553 (ad F, skin and skull, collector: Vernay-Lang Kalahari Expedition 1930, collection date: 7 July [June on label] 1930, original number 882) Publication date: 1 October 1932.
1934. *Neoromicia pusilla vansoni*: Shortridge, The mammals of South West Africa: xxx. Name combination.
1939. *Eptesicus vansoni*: G.M. Allen, Bull. Mus. comp. Zool., 83: 92. Name combination.
1951. *Neoromicia zuluensis vansoni*: Roberts, The mammals of South Africa: 85. Name combination.
1951. *Neoromicia zuluensis zuluensis*: Roberts, The mammals of South Africa: 84. Name combination.
1953. *Eptesicus (Eptesicus) zuluensis vansoni*: Ellerman, Morrison-Scott and Hayman, Southern African mammals 1758 to 1951: 77. Name combination.
1953. *Eptesicus (Eptesicus) zuluensis zuluensis*: Ellerman, Morrison-Scott and Hayman, Southern African mammals 1758 to 1951: 77. Name combination.
1953. *Eptesicus (Eptesicus) zuluensis*: Ellerman, Morrison-Scott and Hayman, Southern African mammals 1758 to 1951: 77. Name combination.
1962. [*Eptesicus zuluensis*] *zuluensis*: Meester, Ann. Transv. Mus., 24 (2/3): xxx. Name combination.
1970. *Eptesicus zuluensis vansoni*: Roer, Bijdr. Dierk., 40 (1): 7x. Name combination.
1978. *Eptesicus somalicus zuluensis*: Ansell, The mammals of Zambia: 25. Name combination.
1984. *Eptesicus (Eptesicus) somalicus zuluensis*: Anceaux de Faveaux, Ann. Kon. Mus. Mid. Afr., Zool. Wetensch., 244: 39. Name combination.
1987. *Pipistrellus (Neoromicia) zuluensis*: Hill and Harrison, Bull. Br. Mus. nat. Hist. (Zool.), 52 (7): 282. Name combination.
1988. *P[ipistrellus] zuluensis*: Thorn, Mammalia, 52 (2): 2xx. Name combination.
1992. *Eptesicus zulensis* Freitas, Bogo, and Christoff, Z. Säugetierk., 57: 331. Lapsus.
1994. *P[ipistrellus (Neoromicia)] s[somalicus] zuluensis*: Koopman, Chiroptera: 117. Name combination.

Taxonomy:

Bronner *et al.* (2003) state that although Ellerman *et al.* (1953) and Hayman and Hill (1971) recognised *Eptesicus (=Neoromicia) zuluensis* as a distinct species, Koopman (1975, 1993), Honacki *et al.* (1982), Meester *et al.* (1986) and Corbet and Hill (1992) treated it as a subspecies of *Eptesicus (=Pipistrellus) somalicus*. Rautenbach *et al.* (1993) confirmed its distinctness from the latter on the grounds of interspecific chromosomal differences.

As a separate species by many authors, e.g. Volleth *et al.* (2001: 44), who assigned it to the genus *Neoromicia*.

Common names:

Afrikaans: Aalwyndakvlermuis; Aalwynvlermuis.
English: Zulu Pipistrelle Bat, Aloe Bat, Aloe Serotine, Aloe Serotine Bat, Zulu serotine bat.

French: Serotine des aloes, Pipistrelle zouloue.
German: Zulu-Zwergfledermaus.

Etymology of name:

Roberts (1924) collected the original specimen at his camp and records in his description of the species that it was the Cape serotine bat, *N. capensis*, that he found in an aloe. He used the name aloe bat and it has remained associated with *N. zuluensis* (Taylor 2005).

Conservation status:

Global- LR/nt assessed as *Eptesicus zuluensis* (Hilton-Taylor 2000); LC ver 3.1 (2001) (IUCN 2004; Jacobs and Cotterill 2004b).

Regional- South Africa- Indeterminate (Smithers 1986); LC ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

Malawi (Ansell and Dowsett (1988: 42), Zambia to Namibia, Botswana and KwaZulu-Natal; Ethiopia (Lavrenchenko *et al.* (2004: 147).

Molecular biology:

DNA - Unknown.

Karyotype - Both Rautenbach *et al.* (1993) and Kearney *et al.* (2002) recorded $2n = 28$, $FN = 48$, $BA = 22$, and a subtelocentric X chromosome. However, as can be seen from Figure 9 in Kearney *et al.* (2002) the FN number was incorrectly reported and should be $FN = 50$, and $BA = 24$. Rautenbach *et al.* (1993) also reported an acrocentric Y chromosome. GTG-bands identified three Robertsonian fusion chromosomes (7/11, 8/9, 10,12), considered as distinguishing characters for the genus *Neoromicia* Kearney *et al.* (2002).

Protein / allozyme - See Morales *et al.* (1991) for results from three specimens from South Africa.

Distribution based on voucher specimens:

Angola, Botswana, Ethiopia, Kenya, Malawi, Namibia, Rwanda, South Africa, Sudan, Swaziland, Zambia, Zimbabwe.



Figure 199. Distribution of *Neoromicia zuluensis*

Genus **Nyctalus** Bowdich, 1825

- *1825. **Nyctalus** Bowdich, Excursions in Madeira and Porto Santo, 36, footnote. Type species: *Nyctalus verrucosus* Bowdich, 1825 (= *Vespertilio leisleri* Kuhl, 1817). Publication date: 1825.
1829. **Pterygistes** Kaup, Skizz. Entw.-Gesch. Natürl. Syst. Europ. Thierwelt, 1: 90. Type species: *Vespertilio noctula* Schreber, 1774. Publication date: 1829.
1839. **Vesperugo** Keyserling and Blasius, Arch. Naturgesch. Berlin, 5 (1): 317. Publication date: 1839. In part (see Allen 1939a: 92; Pavlinov *et al.*, 1995: 104).
1842. **Noctulinia** Grey, Ann. Mag. nat. Hist., [ser. 1], 10 (65): 258. Publication date: 1 December 1842. Mentioned as "in part" by Allen (1939a: 92. Contained two species (*Noctulinia proterus* Kuhl, 1818 = *Nyctalus noctula* Schreber, 1774, and *N. fulvus* Grey, 1843 = *Scotophilus kuhlii* Leach, 1821; see Allen 1939a: 92, one a synonym of *Vespertilio noctula* Schreber, 1774 (see Corbet and Hill 1992: 143).
1856. **Panugo** Kolenati, Allg. deutsch. naturh. Zeitung, ser. 2, 2: 131. Type species: *Vespertilio noctula* Schreber, 1774 and *Vespertilio leisleri* Kuhl, 1817. Publication date: 1856.
1914. **Noctulinia** Cabrera, Fauna Ibérica: 123. Lapsus (also mentioned by Allen (1939: 92), Corbet (1978: 54), and Simmons (2005))?
2002. **Nyctalis** Sheshurak and Kedrov, *Plecotus et al.*, pars. spec.: 62. Lapsus

Taxonomy:

Included in *Pipistrellus* as a subgenus by Hooper and Van Den Bussche (2003: 38).

Etymology of name:

From the Greek "*nyctos*" meaning night and "*ala*" meaning wing (see Kapteyn 1995: 115).

Common names:

English: Noctules, Noctule Bats. French: Noctules, Chauve-souris à nez large.

Nyctalus azoreum (Thomas, 1901)

- *1901. ***Pterygistes azoreum*** Thomas, Ann. Mag. Nat. Hist., ser. 7, 8 (43): 33. Type locality: [Portugal]: Azores, St. Michael. Type specimen: BMNH 1865.10.2.1 (Holotype, M, collected and presented by F. DuCane Godman, Esq.). Publication date: 1 July 1901.
- ? ***Nyctalus azoreum***: Name combination.
- ? ***Nyctalus leisleri azoreum***: Name combination.

Taxonomy:

Listed as a subspecies of *N. leisleri* by Corbet (1978c) and Koopman (1994: 118), but see Palmeirim (1991), Koopman (1993: 216), Horáček *et al.* (2000: 133), Salgueiro *et al.* (2004: 3357).

Conservation status:

Global- VU A2c, B1+2c ver 2.3 (1994).

General distribution:

Azores (Portugal).

Distribution based on voucher specimens:

Azores [Portugal].

Common names:

English: Azores noctule. French: Noctule des Açores. Portuguese: Morcego dos Açores.

Etymology of name:

The name refers to the Island group where the species occurs.

Nyctalus lasiopterus (Schreber, 1780)

- *1780. *Vespertilio lasiopterus* Schreber, in Zimmermann, Geogr. Gesch. Mensch. Vierf. Thiere, 2: 412. Type locality: Italy: Northern Italy (Uncertain. Horáček *et al.* (2000: 132) mention "? Pisa").
1827. *Vespertilio ferrugineus* Brehm, Ornith., 3: 26.
1868. *sicula* Mina-Palumbo,
1869. *maxima* Fatio, Faun. Vertébr. Suisse.
- ? *Nyctalus lasiopterus*: Name combination.

Taxonomy:

See Corbet (1978c: 55 - 56) for content of this species.

Etymology of name:

From the Greek "*lasios*", meaning hairy and "*pteros*", meaning wing (see Kapteyn 1995: 154).

Common names:

Catalonian: Rat penat noctul gran. Dutch: Grote rosse vleermuis. English: Giant Noctule Bat, Giant noctule, Greater noctule bat, Greater noctule. French: Grande Noctule, Noctule géante. German: Riesen Abendsegler, Großabendsegler. Italian: Nottola gigante. Portuguese: Morcego-arborícola-gigante. Roman: Sgolanotg gigant. Russian: Gigantskaya vechernicha. Spanish (Castilian): Noctulo gigante.

Conservation status:

Global- LR/nt ver 2.3 (1994).

General distribution:

W Europe (France, Portugal, Spain, Switzerland, Italy) over SE Poland, Slovakia, Hungary, Balkan countries (incl. Greece) to Urals and Caucasus (incl. Abkhazia), Asia Minor, Iran and Ust-Urt Plateau (Kazakhstan); Morocco; Algeria; Libya.

Nyctalus leisleri (Kuhl, 1817)

- *1817. *Vespertilio Leisleri* Kuhl, Die Deutschen Fledermäuse, Hanau, p. 14, 46. Type locality: Germany: Hessen, Hanau. - Publication date: Koopman (1992) mentions 1817. Corbet and Hill (1992: 144), however, mention "1819: 46". Baagøe (2001: 90) mentions 1818.
1819. *Vespertilio dasykarpos* Kuhl, Die Deutschen Fledermäuse, Hanau, 49.
1825. *Nyctalus verrucosus* Bowdich, Excursions in Madeira and Porto Santo, p. 36, and footnote. Type locality: [Portugal]: Madeira. Publication date: 1825.
1839. *pachygnathus* Michahelles, ?
1906. *Pterygistes madeiræ* Barrett-Hamilton, Ann. Mag. Nat. Hist., ser. 7, 17 (97): 98. Type locality: [Portugal]: Madeira. Type specimen: BMNH 1907.1.1.392 (skull and alcoholic body). Publication date: 1 January 1906.
- ? *Nyctalus leisleri*: Name combination.

Taxonomy:

Includes *verrucosus*, see Corbet (1978: 55), who also included *azoreum*; but see Palmeirim (1991).

Swedish: Leislers fladdermus.

Etymology of name:

In honour of Philipp Achilles Leisler (1772 - 1813) (see Kozhurina 2002: 16).

Common names:

Basque: Leisler gau-saguzar. Catalanian: Rat penat noctul petit. Czech: Netopýr stromový. Danish: Leisler's flagermus. Dutch: Bosvleermuis. English: Leisler's bat, Lesser Noctule Bat, Lesser noctule, Leisler's noctule. French: Noctule de Leisler, Petite Noctule. Gallician: Morcego de Leisler. German: Kleine Abendsegler, Kleiner Abendsegler. Hungarian: sz?röskarú denevér. Italian: Nottola di Leisler. Portuguese: Morcego-arborícola-pequeno. Roman: Sgolanotg pitschen. Russian: Mapaya vechernicha. Spanish (Castilian): Murciélago nocturno, Noctulo de Leisler, Noctulo menor, Noctulo pequeño.

Conservation status:

Global- LR/nt ver 2.3 (1994).

General distribution:

W Europe (incl. the Netherlands) to Urals and Caucasus (incl. Abkhazia); Britain; Ireland; Madeira Isl (Portugal); Azores (Portugal); S Sweden, S Finland (?), Baltic states (Lithuania); Portugal; Czech Republic, Austria; Albania; Greece; W Himalayas; E Afghanistan, N Pakistan, N India, NW Africa (incl. Morocco (Benda *et al.*, 2004b), Algeria (Gaisler, 1984:

89)), Libya and Morocco.

Distribution based on voucher specimens:
Madeira [Portugal].

Nyctalus noctula (Schreber, 1774)

- *1774. *Vespertilio noctula* Schreber, Die Säugethiere, 1 (7): pl. 52 + 1 (9): 166. Type locality: France: no specific locality. Publication date: 1774.
- 1806. *Vespertilio serotinus* E. Geoffroy Saint-Hilaire, Ann. Mus. Hist. Nat. Paris, 8: 194, pl. 46, fig. 1. Not of Schreber, 1774.
- 1852. *Vespertilio macuanus* Peters, Naturw. Reise Mossamb., Säugethiere, p. 61, pl. 16, fig. 1. Type locality: Mozambique: Cabaceira peninsula (Simmons (2005): type locality = Mozambique, but this provenance is dubious; Koopman (1994). Allen (1939: 92) mentioned "Reference uncertain"). Publication date: 1852.
- ? *Nyctalus noctula*: Name combination.

Taxonomy:

Koopman (1994: 118) states that it is possible that there is more than one species represented in this complex.

Common names:

Basque: Gau-saguzarra. Catalanian: Rat penat nóctul. Czech: netopýr rezavý. Danish: Brunflagermus. Dutch: Rosse vleermuis. English: Common noctule, Noctule, Common Noctule Bat. Estonian: Suurvidevlane. French: Noctule commune. Gallician: Morcego ruivo. German: Große Abendsegler; Großer Abendsegler, Abendsegler. Hungarian: korai denevér, Közönséges koraidenevér. Italian: Nottola, Nottola comune. Maltese: Noktula. Norwegian: Storflaggermus. Polish: Borowiec wielki. Portuguese: Morcego-arborícola-grande, Morcego caseiro comun. Roman: Sgolanotg grond. Russian: Ryzhaya vechernicha. Spanish (Castilian): Nóctulo, Nóctulo mediano, Nóctulo común. Swedish: Stor fladdermus.

Etymology of name:

From the Latin "*noctis*" meaning night (see Kapteyn 1995: 115)

Conservation status:

Global- LR: lc.

General distribution:

Europe (S Scandinavia, Sweden, Finland, Estonia, Lithuania, Great Britain, the Netherlands, France, Iberian peninsula (incl. Portugal), Czech Republic, Austria, Albania, Greece) to Urals and Caucasus (incl. Abkhazia); Azores; Morocco (?); Algeria; SE Asia Minor to Israel; Jordan (?); Lebanon; Masirah Isl (Oman); Western Turkmenistan, W Kazakhstan, Uzbekistan, Kirghizia, Tadjikistan to SW Siberia, Himalayas; N Pakistan, N India, and China, south to Myanmar and W Malaysia (doubtful), Vietnam; east to Taiwan; Honshu (Japan); a dubious record from Mozambique.

Distribution based on voucher specimens:
Egypt, Mozambique.

Genus *Nycticeinops* Hill & Harrison, 1987

1987. *Nycticeinops* Hill and Harrison, Bull. Br. Mus. nat. Hist. (Zool.), 52 (7): 254. Type species: *Nycticejus schlieffeni* Peters, 1859.

Taxonomy:

Bronner *et al.* (2003) state that the genus *Nycticeius* has long been considered to comprise two species: *N. humeralis*, from North America, and *N. schlieffenii* from Africa and Arabia. Koopman (1978) found these species so similar that he retained them in the same genus, a treatment disputed by Kitchener and Caputi (1985). Hill and Harrison (1987) demonstrated consistent differences between these species in baculum morphology and proposed the allocation of *schlieffeni* to the distinct genus *Nycticeinops*. Extensive karyotypic differences between the American *humeralis* (2n= 46 and FN= 48; Baker & Patton 1967; Bickham 1979) and East African *schlieffeni* (2n= 34 and FN= 52) provide additional evidence that the two species are not congeneric (Ruedas *et al.* 1990) and mtDNA sequence divergence data strongly support their allocation to distinct genera (Hooper and van den Busche 2001). However, Rautenbach *et al.* (1993) report an intermediate karyotype of 2n= 42 and FN= 50 for *schlieffeni* from South Africa. This not only suggests the existence of two species in Africa, but also casts some doubt on

the karyotypic basis for generic distinction between these forms. We nevertheless recognise these as distinct genera owing to clearcut differences in bacular and mtDNA properties.

Meester *et al.* (1986) state that *Scoteinus* Dobson, 1875 has frequently been included in this genus for the species *schlieffenii*, either as a subgenus (Ellerman *et al.*, 1953, Hayman and Hill 1971), or as a synonym (Rosevear 1965). Allen (1939a) and Roberts (1951) regard *Scoteinus* as a valid genus, which includes *schlieffenii*. However, Sinha and Chakraborty (1971) place *Nycticeius emarginatus* (Dobson, 1871), the type species of *Scoteinus*, in the distinct Indo-Malayan genus *Scotomanes*, and Koopman (1975, 1978) accordingly regards *schlieffenii* as a *Nycticeius sensu stricto*.

Etymology of name:

From the Greek "*nycticeinops*" meaning night and aspect (see Johnston 2006: 3).

Nycticeinops schlieffenii (Peters, 1859)

- *1859. *Nycticejus schlieffenii* Peters, Monatsb. k. preuss. Akad. Wiss. Berlin, p. 223. Type locality: Egypt: Cairo. -. Publication date. Allen (1939: 97) mentioned 1860, Kock (1969: 186) mentions 1859.
1877. [*Nycticejus*] *adovanus* Heuglin, Reise in Nordost Afrika, 2: 34. Type locality: Ethiopia: Tigré, Asam River, at Adowa. Publication date: 1877.
1887. *Scotophilus minimus* Noack, Zool. Jahrb., Syst., 2 (2): 280, pl. 10, fig. 36, 37. Type locality: Tanzania: Marungu, Qua Mpala (Kock (1969: 187), Meester *et al.* (1986: 62) situate the locality in Zaire). Publication date: 7 May 1887.
1905. *Scotophilus schliefferi* Schwann, Novit. Zool., 12 (1): 1. Lapsus.
1908. *Scoteinus schlieffeni albiventer* Thomas and Wroughton, Proc. zool. Soc. Lond., 1908, III: 540. Type locality: Sudan: Northern Province, Naikhala. Publication date: 30 October 1908.
1908. *Scoteinus schlieffeni australis* Thomas and Wroughton, Proc. zool. Soc. Lond., 1908, III: 539. Type locality: Mozambique: 120 km SW Inhambane, Coguno. Publication date: 30 October 1908. Considered a valid subspecies of *Nycticeius schlieffeni* by Taylor (1998: 56).
1911. *Nycticeius africanus* G.M. Allen, Bull. Mus. comp. Zool., 54: 328. Type locality: Kenya: Northern Guaso Nyiro, Meru River (effluent of northern Guaso Nyiro [=Ewaso Ngiro]). Type specimen: MCZ 8272 (M, skin and skull, collector Glover M. Allen, collection date 11 August 1909; original number 113; see Allen, 1911: 328; Helgen and McFadden, 2001: 147). Publication date: December 1911.
1916. *Scotoecus cinnamomeus* Wettstein, Anz. K. Akad. Wiss., Wien, math.-nat. Kl., 53: 191. Type locality: Sudan: Kordofan, Nubbaka [=En Nabbaka]. Publication date: 1916.
1926. *Scoteinus schlieffeni* Cabrera and Ruxton, Ann. Mag. nat. Hist., ser. 9, 17 (103): 594. Publication date: 1 May 1926. Lapsus.
1932. *Scoteinus schlieffenii fitzsimonsi* Roberts, Ann. Transv. Mus., 15 (1): 17. Type locality:

Botswana: N Bechuanaland [=N Botswana], Ngamiland, Tsotsoroga Pan [18 44 S 24 24 E]. Type specimen: TM 6550 (ad M, skin and skull, collected during the Vernay-Lang Kalahari Expedition 1930 (VLKE), collection date: 19 June 1930, original number: 833) Type specimen: TM 6551 (Cotype: ad M, skin and skull, collected during the Vernay-Lang Kalahari Expedition 1930 (VLKE) collection date: 19 June 1930, original number: 830) Publication date: 1 October 1932.

- ? *Nycticeinops schlieffenii*: Name combination.
- ? *Nycticeius schlieffeni australis*: Name combination.
- ? *Nycticeius schlieffenii*: Name combination.

Taxonomy:

Includes *cinnamomeus*; see Koopman (1975: 412 - 413). Assigned to the genus *Nycticeinops* by Harrison and Bates (1991: 94) and Hutson *et al.* (2001: 29), which is considered a subgenus of *Nycticeius* by Pavlinov *et al.* (1995: 116).

Mauritania and Ghana to Sudan and Tanzania; Mali (Meinig, 2000: 105); Benin (Capo-Chichi *et al.*, 2004: 163).

Echolocation:

See Taylor (1999) and Taylor *et al.*, (2005).



Figure 200. *Nycticeinops schlieffenii*

Molecular biology:

DNA - Unknown.

Karyotype - Ruedas *et al.* (1990) reported $2n = 34$, $FN = 52$, and $BA = 20$, for specimens from Somalia, whereas Rautenbach *et al.*, (1993) reported $2n = 42$, $FN = 50$, and $BA = 10$, for specimens from South Africa. However, both Ruedas *et al.* (1990) and Rautenbach *et al.*, (1993) reported submetacentric X, and acrocentric Y chromosomes. Unfortunately, Rautenbach *et al.*, (1993) do not identify the actual voucher specimens associated with the work, since further work should be done to ascertain whether this variation is an indication of two distinct species.

Protein / allozyme - Unknown.

Common names:

Afrikaans: Schlieffen se vlermuis, Schlieffen-vlermuis, Klein dakvlermuis. English: Schlieffen's bat, Schlieffen's Twilight Bat. French: Chauve-souris du crépuscule, Chauve-souris de Schlieffen. Portuguese: Morcego de Schlieffens.

Etymology of name:

In honour of the collector Count Wilhelm von Schlieffen-Schlieffenburg (Smithers 1983: 111). Johnston (2006: 3) mentions Schlieffen-Schlieffiennburg.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004am).

Regional- South Africa- LC ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

SW Arabia; Egypt to Ethiopia (Lavrenchenko *et al.*, 2004: 147), Somalia, Djibouti (Pearch *et al.*, 2001: 388), Uganda (Kityo and Kerbis, 1996: 62), Mozambique, Botswana, Zimbabwe, Zambia, Malawi, Angola, Namibia, South Africa;



Figure 201. Distribution of *Nycticeinops schlieffenii*

Distribution based on voucher specimens:

Botswana, Egypt, Ethiopia, Kenya, Mozambique, Namibia, Senegal, South Africa, Sudan, Swaziland, Tanzania, Togo, Zambia, Zimbabwe.

Genus *Otonycteris* Peters, 1859

- *1859. *Otonycteris* Peters, Monatsb. k. preuss. Akad. Wiss. Berlin, p. 223. Type species: *Otonycteris hemprichi* Peters, 1859. Publication date: 1859.

Taxonomy:
See Simmons (2005).

Common names:
English: Desert Bats, Desert Long-eared Bats,
Long-eared Desert Bats, Desert Big-eared Bats.

Etymology of name:
From the Greek "otos" meaning ear and "nycteris"
meaning bat (see Gharaibeh and Qumsiyeh 1995:
3).

Otonycteris hemprichii Peters, 1859

- *1859. *Otonycteris hemprichii* Peters, Monatsb. K. preuss. Akad. Wiss. Berlin, p. 223. Type locality: Egypt/Sudan: Nile Valley south of Assuan (Aswan) in Egypt and Chondek, Northern Province in Sudan. - - Publication date: 1859.
1866. *Plecotus ustus* Fitzinger and Heuglin, Sber. k. Akad. Wiss. Wien, math. naturw. Kl., 54 (1): 546. Type locality: Sudan: Northern Province, Wadi Halfa. Publication date: 1866. Nomen nudum: see Anderson and de Winton (1902: 118), Allen (1939a: 93), Kock (1969: 183), Qumsiyeh (1985: 59), Gharaibeh and Qumsiyeh (1995: 1).
1936. *Plecotus auritus saharae* Laurent, Bull. Soc. Hist. Nat. Afrique Nord, 27: 408, fig. Type locality: Algeria: El Goléa. Publication date: December 1936.

Taxonomy:
See Gharaibeh and Qumsiyeh (1995, Mammalian Species, 514). Horáček *et al.* (2000: 133) indicate that geographic variation in size and pelage colouration is rather clinal than categorical what does not support the idea to distinguish local populations as separate subspecies.

Common names:
Arabian: Khafash abiad. English: Hemprich's Long-eared Bat, Hemprich's Desert Bat, Hemprich's Desert Long-eared Bat, Hemprich's Long-eared Desert Bat, Long-eared Desert Bat, Desert Long-eared bat, Hemprich's Arrow-headed Bat, Hemprich's Big-eared Bat, Hemprich's arrow-eared bat. French: Chauve-souris à oreilles pointues de Hemprich, Oreillard d'Hemprich.

Etymology of name:
In honour of Friedrich Wilhelm Hemprich (1796 - 1825) (see Kozhurina 2002: 15).

Conservation status:
Global- LR: lc.

General distribution:
The desert zone from Morocco (Algeria, Tunisia, Libya) and Niger through Egypt, Saudi Arabia, Oman, Israel, Jordan, Syria to Turkmenistan,

Uzbekistan, Kirghizia, Tadzhikistan, Afghanistan, Pakistan and Kashmir.

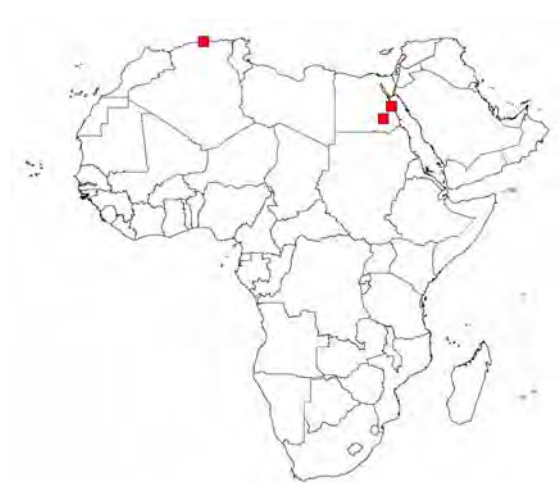


Figure 202. Distribution of *Otonycteris hemprichii*

Distribution based on voucher specimens:
Algeria, Egypt, Egypt/Sudan.

Genus *Pipistrellus* Kaup, 1829

- *1829. *Pipistrellus* Kaup, Skizz. Entw.-Gesch. Natürl. Syst. Europ. Thierwelt, 1: 98. Type species: *Vespertilio pipistrellus* Schreber, 1774. Publication date: 1829.
1837. *Pipistrella* Bonaparte, Icon. fauna Ital.
1838. *Romicia* Gray, Mag. Zool. Bot., 2 (12): 495. Type species: *Romicia calcarata* Gray, 1838 (= *Vespertilio kuhlii* Kuhl, 1817). Publication date: 1 February 1838.
1839. *Vesperugo* Keyserling and Blasius, Arch. Naturgesch. Berlin, 5 (1): 312. Included 13 species now referred to *Eptesicus*, *Pipistrellus*, *Neoromicia*, *Hypsugo*.
1840. *Romicius* Blyth, Cuvier's Animal Kingdom, 75. Publication date: 1840. Variant of *Romicia* (see Allen, 1939a: 93); Meester *et al.*, 1986: 50).
1856. *Nannugo* Kolenati, Allg. deutsch. naturh. Zeitung, ser. 2, 2: 131. Publication date: 1856. Included *Vespertilio nathusii* Keyserling and Blasius, *V. kuhlii* Kuhl and *V. pipistrellus* Schreber (see Corbet and Hill, 1992: 133).
1868. *Alobus* Peters, Monatsb. k. preuss. Akad. Wiss. Berlin, p. 707 (for 1867). Type species: *Vespertilio temminckii* Cretzschmar, 1826 (= *Pipistrellus rueppellii* Fischer, 1829). Publication date: 1867. Not of Le Conte, 1856.
1899. *Euvesperugo* Aclouque, Faune de France, Mammifères, 35. In part: Included six species, one of which was *Vespertilio pipistrellus* Schreber, 1774 (see Meester *et al.*, 1986: 50. Cabrera (1914: 123) also included it in part into *Nyctalus*).
1926. *Eptesicops* Roberts, Ann. Transv. Mus., 11: 245. Type species: *Scotophilus rusticus* Tomes, 1861. Publication date: 14 September 1926.
1946. *Vansonia* Roberts, Ann. Transv. Mus., 20: 304. Type species: *Pipistrellus vernayi* Roberts, 1932 (= *Vespertilio rüppellii* Fischer, 1829).
1951. *Pipiestrellus* Watson, Uganda J., 15 (1): xxx. Lapsus.
1987. *Attalepharca* Menu, Palaeovertebrata, 17 (3): 126. Not type species designated, therefore not available (see Corbet and Hill, 1992: 133).
1987. *Nycterikaupius* Menu, Palaeovertebrata, 17 (3): 108. In part.
1992. *Attelepharca* Corbet and Hill, Mamm. Indomal. Reg., 131.
1999. *Pipistallus* Salleh, Hang, Rahman and Abdulla, ASEAN Review of Biodiversity and Environmental Conservation (ARBEC). September-October 1999: 1. Lapsus.
2000. *Pipistrellis* Qui, Han, Qi and Yufen, Acta Anthropol. Sin., 4 (1): 19. Lapsus.

Taxonomy:

For synonyms see Ellerman and Morrison-Scott (1951: 162); but also see Hill (1976: 25); Kitchener *et al.* (1986); and Menu (1984). *Hypsugo* was considered a full genus by Tiunov (1986). Hill and Harrison (1987) would transfer *Neoromicia* and *Vespadelus* to *Pipistrellus* from *Eptesicus*.

Etymology of name:

From the Italian "*pipistrello*" meaning bat (see Fujita and Kunz 1984: 4; Flannery 1995: 393). From the Latin "*pipio*" meaning squeaking and "*strellus*", which is an attion indicating a "small animal" (see Kapteyn, 1995: 83).

Distribution based on voucher specimens:

Egypt, **South Africa**.

Common names:

English: Pipistrelle Bats, Pipistrelles.

Pipistrellus "incertae-sedis"

1858. *Nannugo Kolenatii* Müller, Lotos (Prag), 8: 75. Type locality: Egypt: no specific locality.
1862. *Vespertilio (Nannugo) Kolenatii*: Koch, Nass. naturw. Jahrb., 18: 397. Name combination.

Taxonomy:

Müller (1858: 75) called *Nannugo Kolenatii* one of the smallest Nord African bat species. Its German name "Die weissgesäumte Buschfledermaus" indicates that a white edge on the wing membrane was present.

Koch (1862-1863: 397) considers this form a

relative of *Nannugo marginatus*, which in turn is a synonym of *P. kuhlii*. Except for these two publications, no other references to this form were found.

The description does not enable us to assign this name to either *Pipistrellus kuhlii* Kuhl, 1817 or

Pipistrellus deserti Thomas, 1902. In the latter case this name might be a senior synonym, provided *aegyptius* Fischer, 1829 is to be ignored. However, this name clearly does qualify for the status of "nomen oblitum", and should therefore probably be ignored.

Pipistrellus aero Heller, 1912

- *1912. *Pipistrellus aero* Heller, Smithson. Misc. Coll., 60 (12): 3. Type locality: Kenya: Mathews Range, Mt. Gargues [00 57 N 37 24 E, 7 100 ft (= 2 164 m)]. Type specimen: USNM 181812 (ad M, collector Edmund Heller, collection date 26 August 1911, original number 4110). Publication date: 4 November 1912.
- 1971. *Pipistrellus [(Pipistrellus)] aero*: Hayman and Hill, Mammals of Africa: Chiroptera: 41. Name combination.
- 1971. *Pipistrellus altae*: Hayman and Hill, Mammals of Africa: Chiroptera: 41. Name combination? Hayman and Hill (1971) refer to specimens in the BMNH labeled as "*P. altae*" but do not mention an original author.

Taxonomy:

The Ethiopian specimens in the British Museum are clearly *P. kuhlii*; see Hayman and Hill (1971: 41). Koopman (1994: 114) states that this species is probably a subspecies of *P. aegyptius* (= *deserti*).

Common names:

English: Mt Gargues Pipistrelle Bat, Aerial Pipistrelle Bat, Mt. Gargues pipistrelle, Kenya pipistrelle. French: Pipistrelle du Kenya. German: Luftige Zwergfledermaus.

Conservation status:

Global- DD (Baillie and Groombridge 1996); VU D2 ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004ae).

General distribution:

NW Kenya. Ethiopia confirmed by Lavrenchenko *et al.* (2004: 135).



Figure 203. Distribution of *Pipistrellus aero*

Distribution based on voucher specimens:
Ethiopia, Kenya.

Pipistrellus cf. kuhlii Volleth, Bronner, Göpfert, Heller, von Helversen and Yong, 2001

- *2001. *Pipistrellus cf kuhlii* Volleth, Bronner, Göpfert, Heller, von Helversen and Yong, Chromosome Res., 9 (1): 26.

Taxonomy:

Volleth *et al.* (2001: 25) report a *Pipistrellus kuhlii*-like species from Madagascar, which they separated from the European *Pipistrellus* based on a different diploid chromosome number. This form might possibly be conspecific with *Pipistrellus hesperidus* Temminck, 1840, since Bates *et al.* (2006: 299) mention *P. hesperidus* from Madagascar.

Pipistrellus deserti Thomas, 1902

1829. *Vespertilio pipistrellus* var. *β aegyptius* J.B. Fischer, Synopsis Mamm., p. 105. Type locality: Egypt: Luxor. Harrison (1964: 151) mentions Thebes as type locality. Publication date: 1829.
- *1902. *Pipistrellus deserti* Thomas, Proc. Zool. Soc. Lond., 1902, II, I: 4. Type locality: Libya: Fezzan, Murzuk [25 56 N 13 57 E]. Type specimen: BMNH 1902.11.4.1 (Holotype, ad M, skin and skull, collector J.I.S. Whitaker, collection date 30 May 1901, original number: 71). Publication date: October 1902.
1953. *Pipistrellus (Pipistrellus) deserti*: Ellerman, Morrison-Scott and Hayman, Southern African mammals: xxx. Name combination.
1975. *Pipistrellus kuhli aegyptius*: Koopman, Bull. Am. Mus. Nat. Hist., 154 (4): 400. Name combination.
1984. *Pipistrellus (Pipistrellus) kuhli aegyptius*: Anciaux de Faveaux, Ann. Kon. Mus. Mid. Afr., Zool. Wetensch., 244: 47. Name combination.
1985. *Pipistrellus aegyptius*: Qumsiyeh, Spec. Publ. Mus. Texas Tech. Univ., 23: 51. Name combination.
1993. *Pipistrellus (Pipistrellus) aegyptius*: Koopman, Mammals of the World. Chiroptera: 219. Name combination.
1997. *Pipistrellus aegyptiacus* Decher, Z. Säugetierk., 62: 132. Lapsus.

Taxonomy:

Benda *et al.* (2004b) indicate that it might be a subspecies of *kuhlii*.

For use of the name *aegyptius* in place of *deserti* see Qumsiyeh (1985). However, see Kock (1999b), Horáček *et al.* (2000: 130) who consider *aegyptius* a "nomen dubium".

Common names: English: Desert Pipistrelle Bat, Egyptian Pipistrelle, Egypt pipistrelle. French: Pipistrelle du désert, Pipistrelle d'Égypte. German: Wüsten-Zwergfledermaus. Italian: Pipistrelle del deserto.

Conservation status:

Global- LR/lc assessed as *P. aegyptius* (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Benda 2004a).

General distribution:

Egypt, N Sudan, Libya, Algeria, Burkina Fasso.



Figure 204. Clockwise from top lateral, ventral and dorsal skull images of BMNH 1902.11.4.1, holotype of *Pipistrellus deserti* Thomas, 1902.



Distribution based on voucher specimens:
Algeria, Burkina Faso, Ghana, Libya, Nigeria,
Senegal, Somalia, Sudan.

Figure 205. Distribution of *Pipistrellus deserti*

Pipistrellus hanaki Hulva and Benda, 2004

- *2004. *Pipistrellus hanaki* Benda, Hulva and Gaisler, Acta Chiropt., 6 (2): 207. Type locality: Libya: Cyrenaica, SW of Al Bayda, Wadi al Kuf [32 44 N 21 41 E, 495 m]. Type specimen: NMP 49897 (ad M, alcoholic and skull, collector: P. Benda, V. Hanak, M. Andreas, A. Reiter and M. Uhrin, collection date: 19 May 2002; and 3 paratypes: see Benda *et al.* (2004b: 207)).

Taxonomy:
See Benda *et al.* (2004b).

Republic), who significantly contributed to the knowledge of the Palaearctic bat fauna (see Benda *et al.*, 2004: 208).

Conservation status:
IUCN - V: A2c + D2.

General distribution:
N Cyrenaica (Libya).

Etymology of name:
In honour of prof. Vladimír Hanák (Prague, Czech

Pipistrellus hesperidus (Temminck, 1840)

1832. *Vespertilio platycephalus* Temminck, in Smuts, Enumer. Mamm. Capensium, 107. Type locality: Republic of South Africa: Cape Town.
- *1840. *Vespertilio hesperida* Temminck, Monogr. Mamm., 2: 211. Type locality: Eritrea: Abyssinia, Shores of the Red Sea [Shoa: 09 N 39 E]. Type specimen: SMF 12381 (lectotype: ad M, skull and skin, collector Edward Rüppell, collection date 1842, original number: II.N.9*).
1969. *Vesperugo hesperida*: Kock, Abh. Senckenberg. naturforsch. Ges., 521: 206. Name combination.
2001. *Pipistrellus hesperidus*: Kock, Senckenb. biol., 81 (1/2): 277. Name combination.
2002. *Pipistrellus cf. kuhlii*: Kearney, Volleth, Contrafatto and Taylor, Acta Chiropt., 4 (1): 55. Not of Kuhl, 1817.
- ? *Pipistrellus kuhlii*: Not of Kuhl, 1817.

Taxonomy:
Pipistrellus hesperidus was separated from *kuhlii* by Kock (2001b: 277).

Regional- South Africa- Indeterminate, assessed as *P. kuhlii* (Smithers 1986); LC ver 3.1 (2001) (Friedmann and Daly 2004).

Vespertilio platycephalus Temminck, 1832 is according to Roberts (1951) a synonym of *P. kuhlii*, which would make this the senior synonym. However, both Allen (1939a) and Ellerman *et al.* (1953) regard this taxon as unidentifiable, besides which it seems to fall outside the known distribution of this species (Meester *et al.*, 1986: 52).

General distribution:
Sub-Saharan Africa (incl. Botswana, Namibia (?), Zambia, Zimbabwe (Cotterill, 2004: 261, as *P. kuhlii*); Ethiopia (Lavrenchenko *et al.*, 2004: 134), Madagascar (Bates *et al.*, 2006: 317).

Echolocation:
See Taylor (1999).

Common name: English: African pipistrelle.

Molecular biology:
DNA - Unknown.

Etymology of name:
Since sub-Saharan Africa populations are specifically distinct from Kuhl's pipistrelle occurring in the Palaearctic region (Kock 2001?a), the name African pipistrelle serves to distinguish it from Kuhl's pipistrelle (Bronner *et al.* 2003; Taylor 2005).

Karyotype - Rautenbach *et al.* (1993), Volleth *et al.* (2001) and Kearney *et al.* (2002) all reported $2n = 42$, FN = 50, BA = 10, and a metacentric X chromosome, for specimens from South Africa and Madagascar. These results were the same as those obtained for *P. rusticus* (Kearney *et al.*, 2002). Rautenbach *et al.* (1993) also reported an acrocentric Y chromosome. GTG banding also identified that *P. hesperidus* and *P. rusticus* share the same Robertsonian fusion of chromosomes 11/12 (Kearney *et al.*, 2002).

Conservation status:
Global- LC ver 3.1 (2001) may be assessed as part of *P. kuhlii* (IUCN 2004).

Protein / allozyme - Unknown.



Figure 206. Distribution of *Pipistrellus hesperidus*

Distribution based on voucher specimens:

Burundi, Congo (Democratic Republic of the), Ethiopia, Kenya, Madagascar, Malawi, Nigeria, Rwanda, South Africa, Swaziland, Tanzania, Uganda, Zimbabwe.

Pipistrellus hesperidus broomi Roberts, 1948

- *1948. *Pipistrellus (Romicia) kuhli broomi* Roberts, Spec. Publ. Roy. Soc. South Africa, Robert Broom Commemorative volume, 9. Type locality: Republic of South Africa: Natal, Durban, Malvern, but more likely to be Tzaneen Estates, Tzaneen, northeastern Transvaal (R.H.N. Smithers, in litt): see Meester *et al.*, (1986: 52).
- 1951. *Romicia kuhli broomi*: Roberts, The mammals of South Africa: 82. Name combination.
- 1953. *Pipistrellus (Pipistrellus) kuhli broomi*: Ellerman, Morrison-Scott and Hayman, Southern African mammals: 78. Name combination.
- 1957. *P[ipistrellus] kuhli broomi*: Ansell, Ann. Mag. nat. Hist., ser. 12, 10 (115): xxx. Name combination. Publication date: 29 October 1957.
- 1968. *P[ipistrellus] kuhli broomi*: Hill, Bonn. zool. Beitr., 19 (1/2): xxx. Alternate spelling.
- 1969. *Pipistrellus (Romicia) kuhli broomi*: Kock, Abh. Senckenberg. naturforsch. Ges., 521: 167. Alternate spelling for the name used by Roberts, 1948.
- 1971. *Pipistrellus [(Pipistrellus)] kuhli broomi*: Hayman and Hill, Order Chiroptera: 40. Alternate spelling.
- 1992. *Pipistrellus kuhli broomi*: Trujillo, Murcielagos de las Islas Canarias: 23. Name combination.
- ? *Pipistrellus hesperidus broomi*: Name combination.
- ? *Pipistrellus kuhli broomi*: Name combination.

General distribution:

KwaZulu-Natal (RSA).

Pipistrellus hesperidus hesperidus (Temminck, 1840)

- *1840. *Vespertilio hesperida* Temminck, Monogr. Mamm., 2: 211. Type locality: Eritrea: Abyssinia, Shores of the Red Sea [Shoa: 09 N 39 E]. Type specimen: SMF 12381 (lectotype: ad M, skin only, collector Edward Rüppell).
- 1901. *Pipistrellus Kuhlii fuscatus* Thomas, Ann. Mag. Nat. Hist., ser. 7, 8 (43): 34. Type locality: Kenya: Naivasha [00 46 S 36 21 E]. Type specimen: BMNH 1901.8.9.96 (Holotype, ad M, skull and alcoholic, collected and presented by Sir H.H. Johnston, collection date: 19 October 1900). Publication date: 1 July 1901.
- 1913. *Pipistrellus kuhli fuscatus*: Roberts, Ann. Transv. Mus., 4: 67. Alternate spelling for the name used by Thomas, 1901.
- 1951. *Pipistrellus (Pipistrellus) kuhli fuscatus*: Swynnerton and Hayman, J. East Afr. Nat. Hist. Soc., 20 (6-7) (90): xxx (for 1950). Name combination.
- ? *Pipistrellus hesperidus hesperidus*: Name combination.

General distribution: extreme southeastern part of the continent.
 Sub-Saharan Africa with the exception of the

Pipistrellus hesperidus subtilis (Sundevall, 1846)

- *1846. *Vespertilio subtilis* Sundevall, Öfvers. Kongl. Sv. Vet.-Akad. Förhandl., 3 (5): 119. Type locality: Republic of South Africa?: "Interior of Caffraria". Collector: J. Wahlberg.
- 1855. *Vespertilio (Vesperugo) subtilis*: Wagner, Schreber's Säuget., Suppl. 5: 746. Name combination.
- 1860. *Hypsugo subtilis*: Kolenati, Monographie der Europäischen Chiroptern: 20. Name combination.
- 1917. *Pipistrellus kuhlii subtilis*: G.M. Allen, Bull. Mus. comp. Zool., 83: 94. Name combination.
- 1931. *Pipistrellus subtilis*: Hewitt, A guide to the Vertebrate fauna of the Eastern Cape Province: 23. Name combination.
- 1951. *Eptesicops subtilis*: Roberts, The mammals of South Africa.: 83. Name combination.
- 1971. *Pipistrellus [(Pipistrellus)] kuhlii subtilis*: Hayman and Hill, Order Chiroptera: 40. Name combination.
- 1993. *subtilis* Koopman, Mammal Species of the world: 221. Lapsus.
- ? *Pipistrellus hesperidus subtilis*: Name combination.

General distribution:
 SE Africa.

Pipistrellus inexpectatus Aellen, 1959

- *1959. *Pipistrellus inexpectatus* Aellen, Arch. Sci. Genève, 12: 226. Type locality: Cameroon: Upper Benoue Valley, Ngaouyanga [07 59 N 13 36 E]. Type specimen (Museum de la Chaux-de-Fonds, ad M, alcoholic, collector A. Monard and V. Aellen, collection date 11 July 1947, original number: 954: see Aellen, 1959a: 226 - A5).
1966. *Pipistrellus inexpectatus* Hayman, Misonne and Verheyen, Ann. Kon. Mus. Mid. Afr., Zool. Wetensch., (8) 154: 52. Lapsus.
1971. *Pipistrellus [(Pipistrellus)] inexpectatus*: Hayman and Hill, Mammals of Africa: Chiroptera: 41. Name combination (and lapsus).
1987. *Nycterikaupius inexpectatus*: Menu, Palaeovertebrata, 17 (3): 109. Name combination (and lapsus).
1987. *Pipistrellus (Pipistrellus) inexpectatus*: Hill and Harrison, Bull. Br. Mus. nat. Hist. (Zool.), 52 (7): 281. Name combination.
1993. *Pipistrellus (Hypsugo) inexpectatus*: Koopman, Mammals of the world: Chiroptera: 220. Name combination.

Taxonomy:

See Simmons (2005).

Common names:

English: Aellen's Pipistrelle Bat, Aellen's pipistrelle, Central Africa pipistrelle. French: Pipistrelle d'Afrique centrale, Pipistrelle d'Aellen. German: Unerwartete Zwergfledermaus.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); DD ver 3.1 (2001) (IUCN 2004; Fahr 2004i).

General distribution:

Benin, Cameroon, Democratic Republic of the Congo, Uganda, Kenya, perhaps Sudan.

Distribution based on voucher specimens:

Benin, Cameroon, Ghana, Kenya, Malawi, Nigeria, Sierra Leone.



Figure 207. Distribution of *Pipistrellus inexpectatus*

Pipistrellus kuhlii (Kuhl, 1817)

- *1817. *Vespertilio Kuhlii* Kuhl, Die Deutschen Fledermäuse, Hanau, p. 14. Type locality: Italy: Friuli-Venezia Giulia and Trieste. Publication date; Koopman (1993a: 221) mentioned 1817, whereas Meester *et al.* (1986: 51), Harrison and Bates (1991: 85), Corbet and Hill (1992: 137) and Bates and Harrison (1997: 179) mention "1819: Ann. Wetterau Ges. Naturk., 4 (2) 199".
1830. *Vespertilio marginatus* Cretzschmar, in Rüppell Atlas Reise Nördl. Afr., Zool. Säugeth., 74, figs. 29a. Type locality: Country uncertain: Nile valley or eastern desert of Egypt (Kock (1969: 167) mentions "Arabia Petraea (=Sinai) und Nubien"). Type specimen: SMF 4307 (type; ad ?, skin and skull, collector Edward Rüppell, collection date 1822; don 1882; old catalog II.N.10.a: see Mertens, 1925: 21).
1838. *Scotophilus Kuhlii*: Gray, Mag. Zool. Bot., Edinburgh, 2 (12): 497. Name combination.
1839. *Vesperugo Kuhlii*: Keyserling and Blasius, Arch. Naturg.: 5 (1): 319. Name combination.
1853. *V[esperugo (Vesperugo)] Kuhlii* Blasius, Arch. Naturg., 19 (1): 46. Name combination.
1855. *Vespertilio (Vesperugo) Kuhlii*: Wagner, Schreber's Säugethiere, Suppl. 5: 729. Name combination.
1856. *Nannugo Kuhlii*: Kolenati, Allg. deutsche naturh. Zeitung, N.F., 2 (4): 131. Name combination.
1857. *S[cotophilus] marginatus*: Tomes, Proc. zool. Soc. Lond., XXV (cccxxx): 50. Name combination.
1862. *Vespertilio (Nannugo) Kuhlii*: Koch, Nass. naturw. Jahrb., 18: 396. Name combination.
1862. *Vespertilio (Nannugo) marginatus*: Koch, Nass. naturw. Jahrb., 18: 397. Name combination.
1865. *V[espertilio] (Pipistrellus) marginatus*: De Filippi, Note di un viaggio in Persia nel 1862: 343. Name combination.
1866. *Vesperugo marginatus*: Heuglin and Fitzinger, Sber. Akad. Wiss. Wien, math. naturw. Kl., 54 (6 - 10): xxx. Name combination.
1867. *Pipistrella marginata*: Loche, Exploration scientifique de l'Algérie: 77. Name combination.
1867. *Pipistrellus minuta* Loche, Expl. Sci. Algérie, Zool., Mamm., p. 78. Type locality: Algeria: Messad Oasis. Publication date: 1867.
1871. *Pipistrellus marginatus*: Dobson, J. Asiatic Soc., 40 (2): 460. Name combination.
1871. *Vesperugo Kuhlii*: Doderlein, Alcune generalita intorno la Fauna Sicula de Vertebrati. xxx. Name combination.
1878. *Vesperugo (Vesperugo) kuhlii*: Dobson, Cat. Chiroptera Brit. Mus.: 230. Name combination.
1880. *Vesperugo Kühlii*: Dobson, Bull. Soc. zool. France, 5: 23x. Name combination.
1885. *Pipistrella minuta*: Loche, Act. Soc. Linn. Bordeaux, 39: xxx. Name combination or lapsus.
1891. *Vesperugo (Vesperugo) kuhlii*: Blanford, The fauna of British India: 315. Alternate spelling.
1898. *P[ipistrellus] kuhlii*: Thomas, Proc. zool. Soc. Lond., 1897, IV: 927. Name combination. Publication date: April 1898.
1899. *Vesperugo (Euvesperugo) kuhlii*: Acloque, Faune de France: 36. Name combination.
1900. *Pipistrellus kuhlii*: Méhely, Monographia Chiropteroorum Hungariae: 261. Name combination.
1905. *Vespertilio (Pipistrellus) kuhlii*: Trouessart, Caus. sci. Soc. zool. France, 1 (10): xxx. Name combination.
1909. *Pipistrellus kühlii*: Satunin, Mitt. Kauk. Mus., 4: 299. Name combination.
1918. *Pipistrellus kuhli kuhlii*: Wroughton, J. Bomb. nat. Hist. Soc., 25: 588. Name combination.
1936. *P[ipistrellus] k[ühlii] pallidus* Heim de Balsac, Supp. Bull. Biol. Fr. & Belg., Paris, 21: 43, 50, 180. Type locality: Algeria: Northern Sahara, to the A'hagggar. Publication date: 1936. Considered a nomen nudum by Allen (1939a: 94), Rode (1947: 138), Kock (1969: 167).
1936. *Pipistrellus kuhlii kuhlii*: Heim de Balsac, Supp. Bull. Biol. Fr. & Belg., 21: 91. Name combination.
1937. *Pipistrellus Kühli Kühlii*: Laurent, Mammalia, 1: 157. Name combination.
1951. *Pipistrellus kuhlii albolimbatus*: Panouse, Trav. Inst. Sci. Cherifien, 1: xx. Name combination.

1953. *Pipistrellus (Pipistrellus) kuhli kuhli*: Ellerman, Morrison-Scott and Hayman, Southern African mammals: 78. Name combination.
1953. *Pipistrellus (Pipistrellus) kuhli subtilis*: Ellerman, Morrison-Scott and Hayman, Southern African mammals: 78. Name combination.
1953. *Pipistrellus (Pipistrellus) kuhli*: Ellerman, Morrison-Scott and Hayman, Southern African mammals: xxx. Name combination.
1959. *Pipistrellus (Romicia) kuhli*: Anonymus, Koedoe, 3: 5x. Name combination.
1966. *Pipistrellus (Pipistrellus) kuhli pallidus*: Ellerman and Morrison-Scott, Checklist Palaeartic and Indian mammals: xxx. Name combination.
1969. [*Pipistrellus kuhli*] *pallidus*: Aellen and Strinati, Rev. suisse Zool., 76 (16): 427. Name combination.
1971. *Pipistrellus [(Pipistrellus)] kuhlii kuhlii*: Hayman and Hill, Order Chiroptera: 40. Name combination.
1971. *Pipistrellus [(Pipistrellus)] kuhlii pallidus*: Hayman and Hill, Order Chiroptera: 40. Name combination.
1971. *Pipistrellus [(Pipistrellus)] kuhlii*: Hayman and Hill, Order Chiroptera: 40. Alternate spelling.
1972. *Pipistrellus k[uhli] marginatus*: Gaisler, Madkour and Pelikan, Acta sc. nat. Brno, 6 (8): 32. Name combination.
1976. *Pipistrellus (Pipistrellus) kuhli palludus*: Anciaux de Faveaux, Bull. Soc. Hist. nat. Afr. Nord, 67 (1/2): 73. Lapsus.
1976. *Pipistrellus (Pipistrellus) kuhli palludus*: Anciaux de Faveaux, Bull. Soc. Hist. nat. Afr. Nord, 67 (1-2): xx. Lapsus.
1978. *Pipistrellus kuhli marginatus*: Madkour, Zool. Anz., 201 (5/6): 38x. Name combination.
1978. *Pipistrellus kuhli subtilis*: Ansell, The mammals of Zambia. Name combination.
1985. *Pipistrellus kuhlii marginatus*: Qumsiyeh, Spec. Publ. Mus. Texas Tech. Univ., 23: 47. Name combination.
1986. *Pipistrellus kunli*: Chastel, Launay, Le Lay, Bailly-Choumara, Hellal, Valle, Bach-Hamba and Beaucournu, Cah. ORSTOM, sér Ent. méd. et Parasitol., 24 (1): 71. Lapsus.
1990. *Pipistrellus latastei*: Le Berre, Faune du Sahara: 93. Name combination.
1994. *Pipistrellus [(Pipistrellus)] k[uhlii] marginatus*: Koopman, Chiroptera: 114. Name combination.
- ? *Nannugo marginatus*: Name combination.

Taxonomy:

Koopman (1994: 114) states that the allocation of many populations to subspecies is uncertain. Sub-Saharan specimens belong to *hesperidus*.

The authorship and description date for *Vespertilio kuhlii* has been debated for years. It has been assigned to either Kuhl, Natterer or "Natterer (in Kuhl)". The publication year was mentioned as either 1817 or 1819. This confusing situation has been cleared by Bogdanowicz and Kock (1989), who fixed author and date to Kuhl, 1817.

Similarly, the authorship of *marginatus* has been assigned to various authors: Cretzschmar, 1826-1830, Rüppell, 1826, Wagner, 1840, Bonaparte, 1841, and Kolenati, 1856.

In the synonyms list for this species, we did not make a difference for the author and/or year of publication mentioned by the various publications when dealing with *kuhlii*.

Common names:

Afrikaans: Kuhl se vlermuis, Kuhl-vlermuis. Basque: Kuhl saguzar. Catalanian: Rat penat de vores clares. Czech: netopýr jižní. Dutch: Kuhl's dwergvleermuis. English: Kuhl's pipistrelle, Kuhl's Pipistrelle Bat, Kuhl's Bat, Great pipistrelle. French: Pipistrelle de Kuhl, Pipistrelle géante. Gallician: Morcego de beira branca. German: Weißrandfledermaus. Hungarian: Fehérszélű törpedenevér. Italian: Pipistrello albolimbato, Pipistrello de Kühli. Maltees: Pipistrell ta' Kuhl. Portuguese: Morcego de Kuhl, Morcego anao de Kuhl. Roman: Pipistrel da Kuhl. Russian: Средиземноморский нетопыр. Slovenian: belorobi netopir. Spanish: Murciélago de borde claro. Swedish: Kuhls fladdermus.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) assessment included *P. hesperidus* (IUCN 2004; Aulagnier 2004c).

General distribution:

S Europe (from Iberian peninsula (incl. Portugal), S France, Switzerland, Austria, Hungary, Balkan

states (incl. Albania, Greece), Crimea, Caucasus[, incl. Abkhasia]) to Kazakhstan and Afghanistan, Pakistan, India; SW Asia (including Israel and Jordan, Saudi Arabia, Kuwait, Oman, Bahrain, Yemen, Iraq, Iran, Turkmenistan); Northern Africa (incl. Morocco (Benda *et al.*, 2004b)); Canary Isls (Spain) and Cape Verde Isls (Azzaroli Puccetti and Zava, 1988).

Molecular biology:

DNA - Unknown.

Karyotype - Both Baker *et al.* (1975) and Iliopoulou-Georgudaki and Giagia (1986) reported $2n = 44$, FN = 50, and BA = 8. However, Baker *et al.* (1975) reported a submetacentric X chromosome and an acrocentric Y chromosome, whereas Iliopoulou-Georgudaki and Giagia (1986) reported metacentric X and Y chromosomes.

Protein / allozyme - Unknown.

Distribution based on voucher specimens:

"Africa", Algeria, Cameroon, Cape Verde, Cote D'Ivoire, Djibouti, Egypt, Ethiopia, Libya, Morocco, Sudan, Tunisia.



Figure 208. Distribution of *Pipistrellus kuhlii*

Pipistrellus maderensis (Dobson, 1878)

- *1878. *Vesperugo maderensis* Dobson, Cat. Chiroptera Brit. Mus., p. 231, pl. 12, fig 5. Type locality: [Portugal]: Madeira Islands, Madeira Island [32 44 N 15 58 W]. Type specimen BMNH 1855.8.16.34 (ad F, skull and alcoholic, collector William S. MacGillivray). Publication date: June 1878.
1908. *P[ipistrellus] maderensis*: K. Andersen, Ann. Mag. nat. Hist., ser. 8, 1 (5): 435. Name combination.
1922. *Pipistrellus maderensis*: Bannerman, The Canary Islands: 153. Name combination.
1966. *Pipistrellus (Pipistrellus) maderensis*: Ellerman and Morrison-Scott, Checklist of Palaearctic and Indian Mammals: xxx. Name combination.
1999. *Pipistrellus madarensis* Ohlendorf, Nyctalus (N.F.), 7: 193 - 195. Lapsus.

Taxonomy:

Pestano *et al.* (2003: 61) indicate that *P. maderensis* is more closely related to the Canary Island *P. kuhlii* clade than the latter is to *P. kuhlii* from outside the Canaries.

Common names:

Basque: Pipistrello madeiar. Catalanian: Rat penat de Madeira. English: Madeira pipistrelle. French: Pipistrelle de Madère. Gallician: Morcego de Madeira. Portuguese: Morcego da Madeira. Spanish. (Castillian): Murciélago de Madeira.

Etymology of name:

The name refers to the island where the type specimen was collected.

Conservation status:

Global- VU A2c, B1 + 2c ver 2.3 (1994).

General distribution:

Madeira Isl (Portugal); Canary Isls (Spain).

Distribution based on voucher specimens:

Madeira [Portugal].

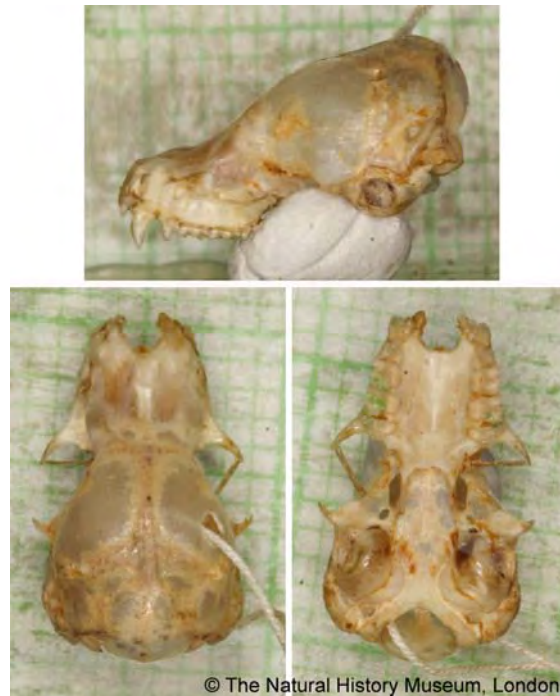


Figure 209. Clockwise from top lateral, ventral and dorsal skull images of BMNH 1955.8.16.34, holotype of *Vesperugo maderensis* Dobson, 1878.

Pipistrellus nanulus Thomas, 1904

- *1904. *Pipistrellus nanulus* Thomas, Ann. Mag. Nat. Hist., ser. 7, 14 (81): 198. Type locality: Cameroon: Efulen [02 47 N 10 32 E]. Type specimen: BMNH 1904.2.8.8 (Holotype, ad M, skull and alcoholic, collector G.L. Bates). Publication date: 31 August 1904.
1966. *Pipistrellus (Pipistrellus) nanulus*: Hayman, Misonne and Verheyen, Ann. Kon. Mus. Mid. Afr., Zool. Wetensch., (8) 154: 16. Name combination.
1994. *Pipistrellus (Vansonia) nanulus*: Koopman, Chiroptera: 116. Name combination.

Taxonomy:

See Simmons (2005).

Common names:

English: Tiny Pipistrelle Bat, Dwarf Pipistrelle Bat, Tiny pipistrelle. French: Pipistrelle minuscule. German: Kleine Zwergfledermaus.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Fahr 2004h).



Figure 210. Clockwise from top lateral, ventral and dorsal skull images of BMNH 1904.2.8.8, holotype of *Pipistrellus nanulus* Thomas, 1904.

General distribution:

Sierra Leone over Benin (Capo-Chichi *et al.*, 2004: 163) to Kenya; Bioko.



Figure 211. Distribution of *Pipistrellus nanulus*

Distribution based on voucher specimens:

Equatorial Guinea, Gabon, Ghana, Kenya, Liberia, Senegal, Sierra Leone, Togo, Uganda, Benin, Burkina Faso, Cameroon, Congo (Democratic Republic of the), Côte d'Ivoire.

Pipistrellus nanus (Peters, 1852)

1842. *Vespertilio Pipistrellus varietas africana* Rüppell, Mus. Senckenberg., 3 (2): 156. Type locality: Ethiopia: Shoa province [c 09 00 N 39 00 E]. Type specimen: SMF 4306 (Lectotype: ad F, skin and skull, collector: Edward Rüppell, collection date: 1842, original number II.N.9*.a).
- *1852. *Vespertilio nanus* Peters, Naturw. Reise Mossamb., Säugethiere, p. 63, pl. 16, fig. 2. Type locality: Mozambique: Inhambane [24 00 S 35 28 E]. Type specimens: BMNH 1907.1.1.421 (Syntype, ad ?; skin and skull; collector: W.C.H. Peters); BMNH 1907.1.1.422 (Syntype, ad F, skull and alcoholic, collector: W.C.H. Peters); NMW 19644 (syntype, ad M, alcoholic, collector: W.C.H. Peters). Publication date: 1852.
1855. *Vespertilio (Vesperugo) nanus*: Wagner, Schreber's Säugeth., Suppl. 5: 746. Name combination.
1860. *Hypsugo nanus*: Kolenati, Monographie der Europäischen Chiroptern: 18. Name combination.
1870. *Vesperugo pusillulus* Peters, J. Sci. mat. Phys. Nat., Lisboa, ser. 1, 3 (10): 124. Type locality: Democratic Republic of the Congo: Loango (not in Angola; see Kock *et al.* (in prep)) -. Publication date: December 1870.
1875. *Vesperugo nanus*: Dobson, Proc. zool. Soc. Lond., 1875, III: 472. Name combination.
1878. *Vesperugo (Vesperugo) nanus*: Dobson, Cat. Chiroptera Brit. Mus.: 237. Name combination.
1888. *Vesperugo stampflii* Jentink, Notes Leyden Mus., 10: 54 (for 1887). Type locality: Liberia: Farmington River. Type specimen: RMNH 17836 (ad M, skull only, collector: F.X. Stampfli, collection date: 1 July 1887). Publication date: April 1888.
1889. *Vesperugo pagenstecheri* Noack, Zool. Jahrb., Syst., 4: 220, pl. 2, fig. 3, pl. 5, fig. 64-65. Type locality: Democratic Republic of the Congo: Banana Creek, Netonna [05 58 S 12 27 E]. Type specimen: SMF 2524 (Lectotype: ad F, skull only, collector: P. Hesse, collection date: 1887; see Mertens (1925: 22); SMF 2525 (paralectotype)). Publication date: 28 February 1889.
1889. *Vesperus pusillus* Noack, Zool. Jahrb., Syst., 4: 216. Type locality: Democratic Republic of the Congo: Congo River, Boma [05 50 S 13 03 E, 30 m]. Type specimen: SMF 2523 (imm M, skull only, collector: P. Hesse, collection date: 1887). Publication date: 28 February 1889.
1897. *Vesperugo (Vesperugo) Pagenstecheri*: Trouessart, Catalogus Mammalium tam viventium quam fossilium: 112. Name combination.
1900. *Pipistrellus minusculus* Miller, Proc. Washington Acad. Sci., 2: 647, fig. 43. Type locality: Liberia: Mount Coffee [06 34 N 10 33 W]. Type specimen: USNM 84500 (ad F; skull and alcoholic; collector: O.F. Cook, collection date: May 1894). Publication date: 28 December 1900.
1900. *Pipistrellus stampflii*: Miller, Proc. Wash. Acad. Sci., 2: xxx. Name combination.
1901. *Vespertilio (Pipistrellus) nanus*: Sclater, The mammals of South Africa: 123, 126. Name combination.
1903. *Pipistrellus nanus*: Cabrera, Mem. Soc. espan. Hist. nat., 1: xxx. Name combination.
1907. *Myotis nanus*: Matschie, Liste der von Herrn V.B. Schillings gesammelten Säugetier-Arten.: 534. Name combination.
1908. *Vespertilio (Glischropus) nanus*: Lönnerberg, Sjöstedts Kilimanjaro-Meru Expedition. 2: xxx. Name combination.
1911. *Pipistrellus culex* Thomas, Ann. Mag. Nat. Hist., ser. 8, 7 (41): 458. Type locality: Nigeria: N Nigeria, Kabir [09 24 N 09 34 E, 2 500 ft (=762 m)]. Type specimen: BMNH 1911.3.24.4 (Holotype, ad F, skin and skull, collector: Rév. G.J. Fox, collection date: 15 May 1910, original number 100). Publication date: 29 April 1911.
1913. *Pipistrellus nanus australis* Roberts, Ann. Transv. Mus., 4: 67. Type locality: Republic of South Africa: Port St. Johns Dist., Western Pondoland 200ft. Type specimen: TM 1076 (ad F, skin and skull, collector: H.H. Swinny, collection date: 20 April 1908). Publication date: 20 October 1913. Not of Miller (1897). Replaced by *P. africanus meesteri* by Kock (2001: 129 - K271).
1917. *Pipistrellus abaensis* J.A. Allen, Bull. Am. Mus. Nat. Hist., 37 (18): 442. Type locality: Democratic Republic of the Congo: NE Congo, Aba [03 53 N 30 17 E]. Type specimen: AMNH 48979 (ad F, skin and skull, collector: Herbert Lang and James P. Chapin (American Museum Congo Expedition), collection date: 18 December 1910, original

- number 1825). Publication date: 29 September 1917.
1925. *Pipistrellus pagenstecheri*: Mertens, Senckenb. biol., 7 (1/2): xxx. Name combination.
1926. *Pipistrellus fouriei* Thomas, Proc. Zool. Soc. Lond., 1926, I: 288. Type locality: Namibia: NW Ovamboland, 32 miles NW of Rehoboth Mission Station, Ukualukasi; 3400 feet; [17 32 S 14 37 E, 1 100 m]. Type specimen: BMNH 1925.12.4.20 (Holotype, ad F, skin and skull, collector: Captain Guy C. Shortridge, collection date: 7 October 1924, original number 1390). Publication date: 29 April 1926.
1934. *Neoromicia pusilla pusilla*: Shortridge, The mammals of South West Africa: xxx. Name combination.
1939. *Pipistrellus nanus nanus*: G.M. Allen, Bull. Mus. comp. Zool., 83: 95. Name combination.
1951. *Eptesicops fouriei*: Roberts, The mammals of South Africa: 84. Name combination.
1951. *Pipistrellus (Pipistrellus) nanus nanus*: Swynnerton and Hayman, J. East Afr. Nat. Hist. Soc., 20 (6-7) (90): xxx (for 1950). Name combination.
1953. *Pipistrellus (Pipistrellus) culex culex*: Ellerman, Morrison-Scott and Hayman, Southern African mammals: 78. Name combination.
1953. *Pipistrellus (Pipistrellus) culex fouriei*: Ellerman, Morrison-Scott and Hayman, Southern African mammals: 78. Name combination.
1953. *Pipistrellus (Pipistrellus) culex*: Ellerman, Morrison-Scott and Hayman, Southern African mammals: 78. Name combination.
1953. *Pipistrellus (Pipistrellus) nanus*: Ellerman, Morrison-Scott and Hayman, Southern African mammals: 78. Name combination.
1956. *Pipistrellus culex culex*: Eisentraut, Zool. Jb. Syst., 84 (3): 530. Name combination.
1957. [*Pipistrellus*] *stampflii*: Aellen, Rev. suisse Zool., 64 (6): 202. Name combination.
1959. *Pipistrellus nanus stampflii*: Booth, J. West Afr. Sci. Ass., 5 (1): xxx. Name combination.
1962. *Pipistrellus stampflii*: Basilio, La vida animal en la Guinea Española: xxx. Name combination.
1968. *Pipistrellus (Pipistrellus) nanus fouriei*: Smithers, A check list and atlas of the mammals of Botswana (Africa): xx. Name combination.
1978. *Pipistrellus nanus fouriei*: Ansell, The mammals of Zambia: 24. Name combination.
1987. *Pipistrellus (Hypsugo) nanus*: Hill and Harrison, Bull. Br. Mus. nat. Hist. (Zool.), 52 (7): 281. Name combination.
1988. *Pipistrellus (Hypsugo) africanus africanus*: Ansell and Dowsett, Mammals of Malawi: 41. Name combination.
1988. *Pipistrellus (Hypsugo) africanus nanus*: Ansell and Dowsett, Mammals of Malawi: 41. Name combination.
1989. *Pipistrellus africanus*: Koopman, Am. Mus. Novit., 2946: 7. Name combination.
1994. *Pipistrellus (Pipistrellus) africanus africanus*: Koopman, Handbook of Zoology: Chiroptera: 113. Name combination.
1994. *Pipistrellus (Pipistrellus) africanus culex*: Koopman, Handbook of Zoology: Chiroptera: 113. Name combination.
1994. *Pipistrellus (Pipistrellus) africanus fouriei*: Koopman, Handbook of Zoology: Chiroptera: 113. Name combination.
1994. *Pipistrellus (Pipistrellus) africanus nanus*: Koopman, Handbook of Zoology: Chiroptera: 113. Name combination.
1994. *Pipistrellus (Pipistrellus) africanus stampflii*: Koopman, Handbook of Zoology: Chiroptera: 113. Name combination.
1994. *Pipistrellus (Pipistrellus) africanus*: Koopman, Handbook of Zoology: Chiroptera: 112. Name combination.
1998. *Pipistrellus (Hypsugo) nanus nanus*: Grubb, Jones, Davies, Edberg, Starin and Hill, Mammals of Ghana, Sierra Leone and The Gambia: 85. Name combination.
1998. *Pipistrellus (Hypsugo) nanus stampflii*: Grubb, Jones, Davies, Edberg, Starin and Hill, Mammals of Ghana, Sierra Leone and The Gambia: 85. Name combination.
2001. *Pipistrellus africanus meesteri* Kock, Acta Chiropt., 3 (1): 129. Type locality: Republic of South Africa: Transkei. Replacement name for *P. nanus australis* Roberts, 1913 (preoccupied by *P. hesperus australis* Miller, 1897).
2002. *Neoromicia nanus*: Kearney, Volleth, Contrafatto and Taylor, Acta Chiropt., 4 (1): 58, 60. Name combination.
2002. *Pipistrellus (Hypsugo) africanus stampflii*: Kock, Barnett, Fahr and Emms, Acta Chiropt., 4 (1): 88. Name combination.

Taxonomy:

The oldest name for this species is (possibly) *africanus*; see Koopman (1975: 400), but most authors still remained using the name *nanus*, until Koopman (1994: 112) and Simmons (2005), who mention this species under the name *P. africanus*. In Opinion 2120 (Anonymous 2005), however, the ICZN ruled that the name *Pipistrellus nanus* should be given precedence over *africanus*, whenever the two are considered to be synonyms.

Bronner *et al.* (2003) state that Volleth *et al.* (2001) and Kearney *et al.* (2002) provided karyotypic evidence for the inclusion of the banana bat ("*Pipistrellus nanus*") in *Neoromicia*. Ansell and Dowsett (1988) and Koopman (1966) point out that *africanus* Ruppell, 1842 antedates *nanus* (Peters, 1852) as the valid name for this species. However, they continue to use the better-known name *nanus*, as topotypical *africanus* is restricted to Ethiopia (and is thus unlikely to be conspecific with *nanus*) and Happold (2003) has applied to the International Commission on Zoological Nomenclature for conservation of this specific epithet on the grounds of nomenclatural stability. Van Cakenberghe (2003) suggested to give *nanus* precedence over *africanus*, whenever the two are considered synonyms, a view which was followed in Opinion 2120 (Anonymous 2005).

Grubb *et al.* (1998: 85) include it - as *nanus* - in the subgenus *Hypsugo*. Volleth *et al.* (2001: 44) consider *nanus* to be a representative of the genus *Neoromicia*.

Hoofer and Van De Bussche (2003: 38) include this taxon as ("*Hypsugo nanus*") in a separate, unnamed genus.

The generic alliance of *nanus* is certainly not clear at this stage. Most authors mention this species in the genus *Pipistrellus*, but as pointed out in the previous paragraphs, present taxonomical investigations seem to indicate that it should be included in *Neoromicia*. However, the assignment to *Hypsugo* or a even a new genus is not yet excluded. Further research is needed to fix its generic assignment.

Recently, Meri Happold (pers. comm.) reported that unlike all other pipistrelles placed in *Neoromicia* by Simmons (2005) and also unlike all African species placed in *Hypsugo* (ibid.), *P. nanus* has nyctalodont lower molars (as have all African species in *Pipistrellus*). The taxonomic implications need investigating.

Happold (ibid) also reported that the following subspecies of *P. nanus* (as *P. africanus*) were recognized by Koopman (1994) and/or Kock (2001), but their status and geographic ranges are uncertain:

P. n. stampflii. Sierra Leone to Côte d'Ivoire.

P. n. culex. Nigeria, Ghana.

P. n. africanus. Zaire to Ethiopia, mostly in highlands.

P. n. nanus. Zaire, Kenya and Tanzania to South Africa, also Cameroon (Rosevear 1965).

P. n. fouriei. S Angola, W Zambia, N Namibia.

P. n. meesteri. Transkei, South Africa.

P. n. minusculus. Liberia



Figure 212. *Pipistrellus nanus*

Common names:

Afrikaans: Piesangvlermuis. Arabian: Khouchaf al matoussat. English: Banana Pipistrelle Bat, Banana Bat, Banana pipistrelle. French: Pipistrelle naine aux ailes brunes, Pipistrelle naine. German: Bananen Zwergfledermaus. Portuguese: Morcego das bananeiras.

Etymology of name:

From the Latin "*nanus*" meaning dwarf (see Lausen and Barclay 2005: 5).

Characteristically this species roosts during the day in the rolled-up, sprouting terminal leaves of banana plants and has become associated with them in particular (Taylor 2005).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) assessed as *Neoromicia nanus* (IUCN 2004; Jacobs 2004d).

Regional assessmet- LC ver 3.1 (2001), assessed as *Neoromicia nanus* (Friedmann and Daly 2004).

General distribution:

South Africa over Botswana, Namibia (?), Malawi (Ansell and Dowsett, 1988: 41), Zambia, Zimbabwe, to Djibouti (Pearch *et al.*, 2001: 388), Ethiopia, Sudan, Uganda (Kityo and Kerbis, 1996: 61), Republic of the Congo (Dowsett *et al.*, 1991:

259), Benin (Capo-Chichi *et al.*, 2004: 163), Niger, Mali, and Senegal; Madagascar; Pemba and Zanzibar.

Echolocation:

See Fenton and Bell (1981), Taylor (1999) and Taylor *et al.*, (2005).

Molecular biology:

DNA - See Hoofer and Van Den Bussche (2003) for the results of a specimen from Kenya.

Karyotype - Both Peterson and Nagorsen (1975) and Rautenbach *et al.*, (1993) reported $2n = 36$, FN = 50, BA = 16, a metacentric X chromosome, and an acrocentric Y chromosome.

GTG-bands identified three Robertsonian fusion chromosomes (7/11, 8/9, 10,12), considered as distinguishing characters for the genus *Neoromicia* Kearney *et al.* (2002).

Protein / allozyme - See Morales *et al.* (1991) for results from two specimens from South Africa.

Distribution based on voucher specimens:

"Africa", Angola, Benin, Botswana, Burkina Faso, Burundi, Burundi?, Cameroon, Central African Republic, Comoro Islands, Congo, Congo (Democratic Republic of the), Cote D'Ivoire, Côte d'Ivoire, Djibouti, Ethiopia, Gabon, Ghana, Guinea, Guinea-Bissau, Kenya, Liberia,

Madagascar, Malawi, Mali, Mozambique, Namibia, Nigeria, Rwanda, Senegal, Sierra Leone, Somalia, South Africa, Sudan, Swaziland, Tanzania, The Gambia, Togo, Uganda, Unknown country, Zambia, Zimbabwe.



Figure 213. Distribution of *Pipistrellus nanus*

Pipistrellus permixtus Aellen, 1957

- *1957. *Pipistrellus (Pipistrellus) permixtus* Aellen, Rev. Suisse Zool., 64: 200. Type locality: Tanzania: Dar-es-Salaam. Type specimen: MZStrassbourg 12c (ad F, skull and alcoholic, collector Hürstel, collection date 1905).
1966. *P[ipistrellus] permixtus*: Koopman, The Puku, 4: xxx. Name combination.
1982. *Pipistrellus permixtus*: Seal and Makey, ISIS Mammalian Taxonomic Director: xxx. Name combination.

Taxonomy:

This is a very illusive species. It is only known from the type specimen, which shows more affiliation to the European *P. nathusii* than to any of the African species. Since the type specimen was collected in Dar-es-Salaam, a port, it can not be excluded that this animal was transported by ship from Europe to Africa...

Common names:

English: Dar-es-Salaam Pipistrelle Bat, Dar-es-salaam pipistrelle, Tanzania pipistrelle. French: Pipistrelle de Tanzanie. German: Verwechsete Zwergfledermaus.

Conservation status:

Global- DD (Baillie and Groombridge 1996); DD ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004ac).

General distribution:

NE Tanzania.



Figure 214. Distribution of *Pipistrellus permixtus*

Distribution based on voucher specimens:
Tanzania.

Pipistrellus pipistrellus (Schreber, 1774)

- *1774. *Vespertilio pipistrellus* Schreber, Die Säugethiere, 1 (7): pl. 54 + 1 (9): 167. Type locality: France: no specific locality. Publication date: 1774.
1839. *V[esperus (Vesperugo)] Pipistrellus*: Keyserling and Blasius, Arch. Naturg., 5 (1): 321. Name combination.
1853. *V[esperugo (Vesperugo)] Pipistrellus*: Blasius, Arch. Naturg., 19 (1): 36. Name combination.
1855. *Vespertilio (Vesperugo) pipistrellus*: Wagner, Schreber's Säugeth., Suppl. 5: 730. Name combination.
1856. *Vesperugo (Nannugo) pipistrellus*: Kolenati, Allg. deutsche naturh. Zeitung, N.F., 2 (5): 170. Name combination.
1857. *Scotophilus pipistrellus*: Tomes, Proc. zool. Soc. Lond., XXV (cccxxx): 5x. Name combination.
1860. *Nannugo pipistrellus*: Kolenati, Monographie der Europäischen Chiroptern: 6. Name combination.
1862. *Vesperugo (Vesperugo) pipistrellus*: Römer, Nass. naturw. Jahrb., 18: xx. Name combination.
1863. *Vespertilio (Nannugo) pipistrellus*: Koch, Nass. naturw. Jahrb., 18: 339. Name combination.
1866. *Scotophilus pipistrellus*: H. Allen, Proc. Acad. nat. Sci. Philad., 18: 287. Name combination.
1871. *Vesperugo pipistrellus*: Doderlein, Alcune generalita Intorno la Fauna Sicula de Vertebrati: xxx. Name combination.
1899. *Vesperugo (Euvesperugo) pipistrellus*: Acloque, Faune de France: 36. Name combination.
1900. *Pipistrellus pipistrellus*: Méhely, Monographia Chiropteroorum Hungariae.: 262. Name combination.
1928. *Pipistrellus pipistrellus pipistrellus*: Ognev, Mammals of eastern Europe and Northern Asia: 481. Name combination.
1959. *Pipistrellus (Pipistrellus) pipistrellus pipistrellus*: Aellen, Rev. suisse Zool., 66 (2): 381. Name combination.
1966. *Pipistrellus (Pipistrellus) pipistrellus*: Ellerman and Morrison-Scott, Checklist of Palaearctic and Indian Mammals 1758 to 1946: xxx. Name combination.

Taxonomy:

Does not contain *pygmaeus* Leach, 1821.

Common names:

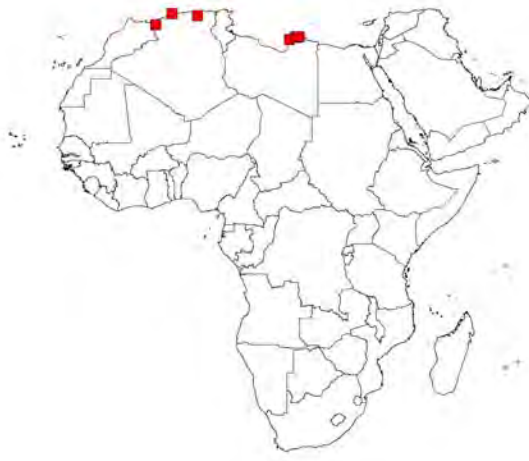
Basque: Saguzar. Catalanian: Rat penat comú.
 Czech: netopýr hvízdavý. Danish: Pipistreflagermus, Dværgflagermus. Dutch: (Gewone) Dwergvleermuis. English: Common pipistrelle, Common Pipistrelle Bat, 45 kHz pipistrelle. Estonian: Kääbus-nahkhiir. French: Pipistrelle commune. Gallician: Morcego común. German: Zwergfledermaus. Hungarian: törpe denevér, Közönséges törpedenevér. Italian: Pipistrello nano. Maltees: Pipistrell. Norwegian: Dvergflaggermus. Portuguese: Morcego-anão. Roman: Pipistrel nanin. Russian: Netopyr karlik. Slovenian: mali netopir. Spanish (Castilian): Murciélago común, Murciélago enano. Swedish: Pipistrell.

General distribution:

British Isls, S Scandinavia, Norway, Sweden, Finland, Estonia, Latvia, Lithuania, Belarus, and W Europe (Portugal, over the Netherlands, Czech Republic, Austria, Albania, Greece) to the Volga and Caucasus (incl. Abkhazia); Morocco; Asia Minor and Israel to Kashmir, Kazakhstan, Afghanistan, Pakistan (Gilgit), Kashmir; India; and Sinkian (China). Perhaps Korea, Myanmar, Japan. A dubious record from Taiwan by Kishida (1924) is rejected by Lin *et al.* (2002: 509).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Aulagnier and Benda 2004a).



Distribution based on voucher specimens:
"Africa", [Algeria](#), [Libya](#).

Figure 215. Distribution of *Pipistrellus pipistrellus*

Pipistrellus raceyi Bates, Ratrimomanarivo, Harrison and Goodman, 2006

- *2006. *Pipistrellus raceyi* Bates, Ratrimomanarivo, Harrison and Goodman, Acta Chiro., 8 (2): 301. Type locality: Madagascar: Fianarantsoa province, Kianjavato [21 22.84 S 44 40.49 E, 75 m]. Type specimen: FMNH 185567 (ad M, SA; collector: Fania H. Ratrimomanarivo and E. Rakotonandrasana, collection date: 22 May 2005, original number RHF 1281).

Taxonomy:

See Bates *et al.* (2006).

Habitat:

See Bates *et al.* (2006).

Common names:

English: Racey's pipistrelle bat (Bates *et al.*, 2006).

Habits:

Unknown.

Etymology of name:

In honour of Prof. Paul A. Racey, Regius professor of natural history, University of Aberdeen, UK, in recognition of his longstanding commitment to the study and conservation of bats worldwide and in particular to his on-going programme of capacity building and bat research in Madagascar (see Bates *et al.*, 2006: 305).

Roost:

Unknown.

Migration:

Unknown.

Diet

Unknown.

Palaeontological / archaeological records:

Unknown.

Predators:

Unknown.

Conservation status:

Global- Not assessed.

Population:

Structure and density - Unknown.

General distribution:

Madagascar (Bates *et al.*, 2006).

Lifespan:

Unknown.

Geographic variation:

Unknown.

Activity and behaviour:

Unknown.

General description of external morphology:

See Bates *et al.* (2006).

Reproduction and ontogeny:

See Bates *et al.* (2006).

General description of cranial and dental morphology:

See Bates *et al.* (2006).

Mating:

Unknown.

Detailed morphology:

For a description of the crania, teeth, ears and tragus see Bates *et al.* (2006).

Post-natal development:

Unknown.

Parasites:

Unknown.

Functional morphology:

Unknown.

Viruses:

Unknown.

Sexual dimorphism:

Unknown.

Utilization:

Unknown.

Echolocation:

Unknown.

Anthropophilious:

Unknown.

Molecular biology:

DNA, Karyotype, Protein / allozyme - Unknown.

Pipistrellus rueppellii (Fischer, 1829)

1826. *Vespertilio temminckii* Cretzschmar, in Rüppell, Atlas Reise Nördl. Afr., Zool. Säugeth., p. 17, pl. 6. Type locality: Sudan: Northern Province, Dongola. Type specimen: SMF 4308 (Lectotype: ad M, skin only, collector Edward Rüppell, collection date 1824, old catalog: II.N.11.b: see Mertens (1925: 22)). Pre-occupied by *temminckii* Horsfield, 1824 (a *Scotophilus*): see Allen (1939a: 95), Meester *et al.* (1986: 51), Simmons (2005).
- *1829. *Vespertilio rüppellii* J.B. Fischer, Synopsis Mamm., p. 109. Type locality: Sudan: Northern Province, Dongola. Mertens (1925: 22) mentions that the specimen designated as lectotype for *temminckii* is also the lectotype for *rüppellii*. Publication date: 1829.
1838. *Scotophilus Temminckii*: Gray, Mag. Zool. Bot., Edinburgh, 2 (12): 497. Name combination.
1855. *Vespertilio (Vesperugo) Rüppellii*: Wagner, Schreber's Säugeth., Suppl. 5: 745. Name combination.
1860. *Panugo rüppellii*: Kolenati, Monographie der Europäischen Chiroptern: 8. Name combination and alternate spelling.
1868. *Vespertilio (Alobus) Temminckii*: Peters, Monatsb. k. preuss. Akad. Wiss. Berlin: 707 (for 1867). Name combination.
1877. *V[esperugo] Temminckii*: Heuglin, Reise in Nordost-Afrika: xxx. Name combination.
1877. *Vesperugo Rüppellii*: Heuglin, Reise in Nordost-Afrika: xxx. Name combination.
1878. *Vesperugo (Vesperugo) temminckii*: Dobson, Catalogue of the Chiroptera of the collection of the British Museum: 233. Name combination.
1880. *Vesperugo temminckii*: Dobson, Report on accessions to our knowledge of the chiroptera during the past two years (1878 - 1880): 186. Name combination.
1891. *Vesperugo temmincki*: Noack, Jb. Hamb. Wiss. Anst., 9: xxx. Name combination.
1901. *Pipistrellus Temminckii*: Thomas, Ann. Mag. nat. Hist., ser. 7, 8 (46): 274. Name combination.
1902. *Pipistrellus rueppelli*: Anderson and de Winton, Zoology of Egypt: xxx. Name combination.
1917. *Scotozous rüppellii*: J.A. Allen, Bull. Am. Mus. Nat. Hist., 37 (18): 409. Name combination.
1918. *Pipistrellus rüppellii*: Hollister, Bull. U.S. natl. Mus., 99: 93. Alternate spelling.
1919. *P[ipistrellus] rüppelli*: Thomas, J. Bomb. nat. Hist. Soc., 26: 747. Alternate spelling.
1920. *Pipistrellus rüppelli*: Schwarz, Fledermäuse aus West- und Zentralafrika: xxx. Alternate spelling.
1925. *Pipistrellus rüppellii*: Mertens, Senckenb. biol., 7 (1/2): xx. Alternate spelling:
1925. *V[espertilio] Rüppellii*: Mertens, Senckenb. biol., 7 (1/2): xx. Name combination.
1928. *Scotozous rüppellii*: Gyldenstolpe, Ark. Zool. Stockholm, 20A (4): xx. Alternate spelling.
1935. *Scotozous trüppellii* Monard, Arq. Mus. Bocage, Lisboa, 6: 31. Lapsus (see Kock, 1969: 174; Meester *et al.*, 1986: 51).
1953. *Pipistrellus (Scotozous) rueppelli*: Ellerman, Morrison-Scott and Hayman, Southern African mammals 1758 to 1951: 78. Name combination.
1953. *Pipistrellus (Scotozous) rüppelli*: Ellerman, Morrison-Scott and Hayman, Southern African mammals 1758 to 1951: xxx. Name combination.
1956. *Pipistrellus ruppelli*: Harrison, Proc. zool. Soc. Lond., 127: xxx. Alternate spelling.
1957. *[Pipistrellus] rueppeli* Aellen, Rev. suisse Zool., 64 (6): 204. Lapsus.
1962. *Scotozous rüppelli*: Wassif, Proc. zool. Soc. Lond.: 811. Alternate spelling.
1964. *Scotozous temmincki*: Lehmann, In Niethammer: Alexander Koenigs Reisen am Nil. xxx. Name combination.
1969. *Vespertilio temmincki*: Kock, Abh. Senckenberg. naturforsch. Ges., 521: 174. Alternate spelling.
1980. *Pipistrellus rueppellii*: Swanepoel, Smithers and Rautenbach, Ann. Transv. Mus., 32 (7): xxx. Name combination.
1981. *Pipistrellus (Pipistrellus) rueppellii*: Hill and Harrison, Bull. Br. Mus. nat. Hist. (Zool.), 52 (7): 281. Name combination.
1983. *Pipistrellus (Scotozous) rueppellii*: Smithers, The mammals of the Southern African subregion: 97. Name combination.
1985. *Pipistrellus rueppellii*: Rautenbach, Fenton and Braack, Koedoe, 28: xxx. Lapsus.
1986. *Pipistrellus (Vansonia) rueppellii*: Meester, Rautenbach, Dippenaar and Baker, Transvaal Museum Monograph, 5: 50. Name combination.

1990. *Pipistrellus ruppellii*: Yom-Tov, Cohen and Wollberg, *Mammalia*, 54 (2): 281. Name combination.
1993. *Pipistrellus (Pipistrellus) rueppelli*: Koopman, *Mammal species of the world. Chiroptera*: 222. Name combination.
1995. *Pipistrellus (?Hypsugo) rueppelli*: Pavlinov, Borissenko, Kruskop and Jahontov, *Arch. Zool. Mus. Moscow State Univ.*, 133: 107. Name combination.
1995. *Pipistrellus (Pipistrellus) rueppelli* Nowak, *Walker's Bats of the World*: 94. Lapsus.
1996. *Eptesicus rueppellii*: Kityo and Kerbis, *J. East Afr. Nat. Hist.*, 85: 53. Name combination.
- ? *Scotozous rueppellii*: Name combination.
- ? *Vesperugo hesperida*: Name combination.

Taxonomy:

Renaming of *V. temminckii* Cretzschmar, 1826 (see Allen, 1939a: 95). Mentioned in the subgenus *Vansonia* by Koopman (1994: 116). Mentioned in the subgenus *Hypsugo* inc. sedis by Pavlinov *et al.* (1995: 107).

Meester *et al.* (1986) state that Ellerman *et al.* (1953: 79) do not recognize *Vansonia*, and instead place *Pipistrellus rueppellii* in the subgenus *Scotozous*, as do later authors (Rosevear 1965, Hayman and Hill 1971: 41, Smithers 1983). Corbet and Hill (1980: 68), however, retain *Scotozous* as a full genus for the Indian *S. dormeri* Dobson, 1875, and both J.E. Hill (in litt.) and K.F. Koopman (in litt.) agree that it is incorrect to use this name for *rueppellii*. *Vansonia* is therefore the prior subgeneric name for this species.

The original name was spelled as *Rüppellii*, so the present spelling should probably be *rueppellii*. However, this spelling was only found one single time in all of the literature data: as a misspelling in Koopman (1975). There are a number of earlier authors which use *rueppelli* (e.g. Anderson and De Winton, 1902). Older literature data are: Wagner (1855) as *Vespertilio (Vesperugo) rüppelli*, Kolenati (1860) as *Panugo rüppellii*, and Heuglin (1877) as *Vesperugo rüppellii*. So the earliest record we were able to find was Wagner, 1855 who already used the double "ll" (and double "ii"), but still used "ü", as did Heuglin, 1877. Only Kolenati, 1860 used a single "l". So if we consider Wagner to be the first reviewer, the name should be spelled as "*rueppellii*" with double "ll" and double "ii" and with "ue" since diacritics are no longer allowed in scientific names.

Common names:

Afrikaans: Rüppell se vlermuis, Rüppell-vlermuis.
 English: Rüppell's Bat, Ruppell's Pipistrelle, Rüppell's Pipistrelle Bat. French: Pipistrelle de Rueppel, Pipistrelle de Rüppell.

Etymology of name:

The type (*Vespertilio temminckii*) was described

in Rüppell's (1827) *Atlas zu der Reise im Nordlichen Afrika* and renamed by Fisher (1829) after Rüppell (*V. rüppellii*) (Taylor 2005).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004ag).

Regional- South Africa- Indeterminate (Smithers 1986); considered a vagrant not assessed, only one locality in SA (Augrabies Falls) (Friedmann and Daly 2004).

General distribution:

Senegal, Mauritania (Padial and Ibáñez, 2005: 240), Morocco (Benda *et al.*, 2004b), Algeria, Libya (1st record: Benda *et al.*, 2004a: 91), Egypt, Israel, Jordan, and Iraq, south over Sudan, Uganda (Kityo and Kerbis, 1996: 62) to Zambia, Zimbabwe, Botswana, Namibia, Malawi (Ansell and Dowsett, 1988: 40), and Transvaal (South Africa); Zanzibar; Nigeria (Benda *et al.*, 2004a: 91); Central African Republic (Benda *et al.*, 2004a: 91).

Echolocation:

See Fenton and Bell (1981), Taylor (1999) and Taylor *et al.*, (2005).

Molecular biology:

DNA - Unknown.

Karyotype - Rautenbach *et al.* (1993) reported $2n = 36$, FN = 54, BA = 20, a submetacentric X chromosome, and an acrocentric Y chromosome, for specimens from South Africa.

Protein / allozyme - Unknown.



Distribution based on voucher specimens:
 Angola, Botswana, Cameroon, Congo (Democratic Republic of the), Egypt, Malawi, Mauritania, Morocco, Nigeria, Senegal, South Africa, Sudan, Tanzania, Tunisia, Uganda, Zambia, Zimbabwe.

Figure 216. Distribution of *Pipistrellus rueppellii*

Pipistrellus rueppellii fuscipes Thomas, 1913

- *1913. *Pipistrellus fuscipes* Thomas, Ann. Mag. Nat. Hist., ser. 8, 11 (63): 315. Type locality: Uganda: 60 mi (90 km) W Entebbe [00 04 N 32 20 E, 3 700 ft (=1 128 m)]. Type specimen: BMNH 1906.7.1.5 (Holotype, ad M, skull and skin, collector R.E. Dent, Ruwenzori expedition, collection date 29 November 19xx, original number 1: see Thomas, 1913: 315 - T32). Publication date: 1 March 1913.
- 1939. *Pipistrellus rüppellii fuscipes*: G.M. Allen, Bull. Mus. comp. Zool., 83: 96. Name combination.
- 1951. *Pipistrellus (Scotozous) ruppellii fuscipes*: Swynnerton and Hayman, J. East Afr. Nat. Hist. Soc., 20 (6-7) (90): xxx (for 1950). Name combination.
- 1960. *Pipistrellus ruppelli fuscipes*: Harrison, J. East Afr. Nat. Hist. Soc., 23 (7)(104): xxx. Name combination and alternate spelling.
- 1966. *Pipistrellus (Scotozous) rüppellii fuscipes*: Hayman, Misonne and Verheyen, Ann. Kon. Mus. Mid. Afr., Zool. Wetensch., 8 (154): 55. Name combination.
- 1975. *P[ipistrellus] r[ueppellii] fuscipes*: Koopman, Bull. Am. Mus. Nat. Hist., 154 (4): 404. Name combination.
- 1984. *Pipistrellus (Scotozous) rueppelli fuscipes*: Anciaux de Faveaux, Ann. Kon. Mus. Mid. Afr., Zool. Wetensch., 244: 49. Name combination.
- 1994. *P[ipistrellus (Vansonia)] r[ueppellii] fuscipes*: Koopman, Chiroptera: 116. Name combination.
- ? *Pipistrellus (Vansonia) rueppellii fuscipes*: Name combination.
- ? *Pipistrellus rueppellii fuscipes*: Name combination.

General distribution:

Ethiopia to northern Angola.

Pipistrellus rueppellii pulcher (Dobson, 1875)

- *1875. *Vesperugo pulcher* Dobson, Proc. Zool. Soc. Lond., 1875, III: 471. Type locality: Tanzania: Zanzibar. Type specimen: BMNH 1868.12.22.3. Publication date: October 1875.
- 1878. *Vesperugo (Vesperugo) pulcher*: Dobson, Cat. Chiroptera Brit. Mus.: 233. Name combination.
- 1902. *P[ipistrellus] pulcher*: Anderson and de Winton, Zoology of Egypt: xxx. Name combination.
- 1910. *Pipistrellus pulcher*: Thomas and Wroughton, Trans. zool. Soc. Lond., 19 (5) (63): 489. Name combination.

1984. *Pipistrellus (Scotozous) rueppelli pulcher*: Anciaux de Faveaux, Ann. Kon. Mus. Mid. Afr., Zool. Wetensch., 244: 49. Name combination.
1994. *P[ipistrellus (Vansonia)] r[ueppellii] pulcher*: Koopman, Chiroptera: 116. Name combination.
- ? *Pipistrellus rueppellii pulcher*: Name combination.

General distribution:

Northeastern Tanzania and Zanzibar.

Pipistrellus rueppellii rueppellii (Fischer, 1829)

1827. *Vespertilio temminckii* Cretzschmar, in Rüppell, Atlas Reise Nördl. Afr., Zool. Säugeth., p. 17, pl. 6. Type locality: Sudan: Northern Province, Dongola (The label of the type skin has Shendy as locality [16 41 N 33 22 E]). Type specimen: SMF 4308 (Lectotype: ad M, skin only, collector Edward Rüppell, collection date 1824). Pre-occupied by *temminckii* Horsfield, 1824 (a *Scotophilus*): see Allen (1939: 95), Meester *et al.* (1986: 51), Simmons (2005).
- *1829. *Vespertilio ruppellii* J.B. Fischer, Synopsis Mamm., p. 109. Type locality: Sudan: Northern Province, Dongola. Publication date: 1829.
1866. *Vesperugo hypoleucus* Heuglin and Fitzinger, Sber. k. Akad. Wiss. Wien, math. naturw. Kl., 54 (1): 546. Type locality: Sudan: between Kéréri, Halfaye and Surerát on the Nile near Khartoum, Sennaar. Type specimen: NMW 24574 (skin and skull, collection date 1853). Publication date: 1866. Meester *et al.* (1986: 51) assigned it to Fitzinger only.
1866. *Vesperugo sennaariensis* Heuglin and Fitzinger, Sber. k. Akad. Wiss. Wien, math. naturw. Kl., 54 (1): 546. Type locality: Sudan: Khartoum. Publication date: 1866. Nomen nudum (see Allen, 1939: 95; Meester *et al.*, 1986: 51).
1877. *Vesperugo senarensis* Heuglin, Reise in Nordost Afrika, 2: 32. Publication date: 1877. Nomen nudum (see Allen, 1939: 95; Meester *et al.*, 1986: 51).
1939. *Pipistrellus rüppellii rüppellii*: G.M. Allen, Bull. Mus. comp. Zool., 83: 95. Name combination.
1955. *Pipistrellus ruppelli ruppelli*: Sanborn and Hoogstraal, J. Egypt. Publ. Health Ass., 30 (4): xxx. Name combination.
1958. *Pipistrellus (Scotozous) rueppelli rueppelli*: Anciaux de Faveaux, Bull. IFAN, (A) 20 (1): 273. Name combination and alternate spelling.
1962. *Pipistrellus ruppellii ruppellii*: Heyneman and Macy, J. Egypt. Publ. Health Ass., 37 (4): xxx. Name combination and alternate spelling.
1964. *Scotozous rüppelli rüppelli*: Niethammer, Alexander Koenigs Reisen am Nil: xxx. Name combination.
1966. *Pipistrellus (Scotozous) rüppelli rüppelli*: Ellerman and Morrison-Scott, Checklist of Palaearctic and Indian Mammals 1758 to 1946: xxx. Name combination.
1974. *Pipistrellus rueppelli rueppelli*: Lagen, Kock and Yalden, Mon. Zool. ital., (N.S.) 16 (Suppl. 5):2xx. Name combination.
1978. *Pipistrellus rüppelli rüppelli*: Madkour, Zool. Anz., 201 (5/6): 38x. Alternate spelling.
1983. *P[ipistrellus (Vansonia)] r[ueppellii] rueppellii*: Smithers, The mammals of the Southern African subregion: 97. Name combination.
1984. *Pipistrellus rueppellii rueppellii*: Rautenbach, Schlitter and Braack, Koedoe, 27: xxx. Name combination.
1988. *Pipistrellus (Pipistrellus) rueppellii rueppellii*: Ansell and Dowsett, Mammals of Malawi: 39. Name combination.
1994. *P[ipistrellus (Vansonia)] r[ueppellii] rueppelli*: Koopman, Chiroptera: 116. Alternate spelling.

General distribution:

Egypt to Nigeria and Central Sudan.

Distribution based on voucher specimens:

Sudan.

Pipistrellus rueppellii senegalensis Dorst, 1960

- *1960. *Pipistrellus rüppelli senegalensis* Dorst, Bull. Mus. natn. Hist. nat., Paris, ser. 2, 31: 473 (for 1959). Type locality: Senegal: Richard Toll [16 48 N 15 42 W]. Type specimen MNHN 1960-81 (ad F, skull and alcoholic, collector Francis Roux, collection date September 1958).
- 1965. *Pipistrellus (Scotozous) rueppelli senegalensis*: Rosevear, Bats of West Africa: 272. Name combination.
- 1972. *P[ipistrellus] ruepelli senegalensis*: Adam and Hubert, Mammalia, 36 (1): 59. Lapsus
- 1972. *Pipistrellus rueppeli senegalensis*: Adam and Hubert, Mammalia, 36 (1): 64. Name combination.
- 1972. *Pipistrellus rueppelli senegalensis* Adam and Hubert, Mammalia, 36 (1): 59. Lapsus.
- 1982. *Pipistrellus ruppelli senegalensis*: Verschuren, Mém. IFAN, 92: 307. Alternate spelling.
- 1994. *P[ipistrellus (Vansonia)] r[ueppellii] senegalensis*: Koopman, Chiroptera: 116. Name combination.
- 1998. *P[ipistrellus (Pipistrellus)] r[ueppellii] senegalensis*: Grubb, Jones, Davies, Edberg, Starin and Hill, Mammals of Ghana, Sierra Leone and The Gambia: 84.
- ? *Pipistrellus rueppellii senegalensis*: Current spelling.

General distribution:
Algeria to Senegal.

Pipistrellus rueppellii vernayi Roberts, 1932

- *1932. *Pipistrellus vernayi* Roberts, Ann. Transv. Mus., 15: 16. Type locality: Botswana: Ngamiland, Maun [19 59 S 23 25 E) Type specimen: TM 6546 (ad M, skin and skull, collector: Vernay-Lang Kalahari Expedition 1930 collection date: 29 May 1930, original number: 648). Publication date: 1 October 1932.
- 1933. *Pipistrellus leucomelas* Monard, Bull. Soc. Neuchâteloise Sci. Nat., Neuchâtel, 57: 47 (for 1932?). Type locality: Angola: Vila da Ponte. Publication date: 1933.
- 1939. *Pipistrellus rüppellii vernayi*: G.M. Allen, Bull. Mus. comp. Zool., 83: 96. Name combination.
- 1946. *[Vansonia] vernayi*: Roberts, Ann. Transv. Mus., 20 (4): xxx. Name combination.
- 1951. *Vansonia vernayi*: Roberts, The mammals of South Africa: 82. Name combination.
- 1953. *Pipistrellus (Scotozous) rueppellii vernayi*: Ellerman, Morrison-Scott and Hayman, Southern African mammals 1758 to 1951: 78. Name combination.
- 1978. *Pipistrellus rueppellii vernayi*: Ansell, The mammals of Zambia.: 24. Name combination.
- 1983. *P[ipistrellus (Scotozous)] r[ueppellii] vernayi*: Smithers, The mammals of the Southern African subregion: 97. Name combination.
- 1984. *Pipistrellus (Scotozous) rueppellii leucomelas*: Anciaux de Faveaux, Ann. Kon. Mus. Mid. Afr., Zool. Wetensch., 244: 49. Name combination.
- 1986. *Pipistrellus (Vansonia) rueppellii vernayi*: Meester, Rautenbach, Dippenaar and Baker, Transvaal Museum Monograph, 5: 51. Name combination.
- 1994. *P[ipistrellus (Vansonia)] r[ueppellii] leucomelas*: Koopman, Chiroptera: 116. Name combination.
- ? *Pipistrellus (Vansonia) rueppellii leucomelas*: Name combination.
- ? *Pipistrellus rueppellii leucomelas*: Name combination.

Taxonomy:

If *vernayi* and *leucomelas* indeed represent the same form, then it might become important to check the actual publication date of *leucomelas*. This name was published in the 1932 issue of the "Bulletin de la Société Neuchâteloise de Sciences Naturelles", but the issue seemed to have appeared in 1933. Otherwise, this name might have priority over *Pipistrellus vernayi* which was published on 1 October 1932.

At present, we synonymize both names and consider *vernayi* to be the oldest name.

Kock (1969: 174) points out that *leucomelas* might be a homonym of *Vespertilio leucomela* Cretzschmar, 1830.

General distribution:
Malawi to Transvaal and Southern Angola.

Pipistrellus rusticus (Tomes, 1861)

- *1861. *Scotophilus rusticus* Tomes, Proc. Zool. Soc. Lond., 1861, I: 31, 35. Type locality: Namibia: Damaraland, Olifants Vlei [18 00 S 17 30 E]. Type specimens: BMNH 1907.1.1.419 (Lectotype, ad F, skin and skull, collector Mr. Anderson, original number 176a); BMNH 1907.1.1.420 (Paralectotype, ad ?, skull and alcoholic, coll. M. Anderson, collection date November 1899, original number 176b). Publication Date: May 1861.
1913. *Pipistrellus rusticus*: Roberts, Ann. Transv. Mus., 4: 67. Name combination.
1923. *Pipistrellus marrensis* Thomas and Hinton, Proc. Zool. Soc. Lond., 1923, II: 249. Type locality: Sudan: foothills S Jebel Marra, Darfur [12 54 N 24 21 E, 4 000 ft (=1 219 m)]. Type specimen: BMNH 1823.1.1.15 (ad M, collector Rear-Admiral Hubert Lynes and Mr. Willoughby P. Lowe., collection date 3 April 1924, original number: 633). Publication date: 6 July 1923.
1934. *Eptesicops rusticus*: Shortridge, The mammals of South West Africa. xxx. Name combination.
1953. *Pipistrellus (Pipistrellus) rusticus*: Ellerman, Morrison-Scott and Hayman, Southern African mammals 1758 to 1951: 78. Name combination.
1959. *Pipistrellus (Eptesicops) rusticus*: Anonymus, Koedoe, 3: 5x. Name combination.
1968. *Pipistrellus (Pipistrellus) rusticus rusticus*: Smithers, A check list and atlas of the mammals of Botswana (Africa): xxx. Name combination.
1971. *Pipistrellus [(Pipistrellus)] rusticus marrensis*: Hayman and Hill, Mammals of Africa: Chiroptera: 40. Name combination.
1975. *Pipistrellus rusticus rusticus* Wilson, Mus. Mem., Salisbury, 5: xxx. Name combination.
- ? *Pipistrellus rusticus marrensis*: Name combination.
- ? *Pipistrellus rusticus rusticus*: Name combination.

Taxonomy:
See Simmons (2005).

2004).



Figure 217. *Pipistrellus rusticus*

Common names:
Afrikaans: Roeskleurvlermuis. English: Rusty bat, Rusty Pipistrelle Bat, Rusty pipistrelle. French: Pipistrelle rouille.

Etymology of name:
The colloquial name refers to the rusty colour of their fur (Taylor 2005).

Conservation status:
Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004ao).
Regional- South Africa- Indeterminate (Smithers 1986); NT ver 3.1 (2001) (Friedmann and Daly

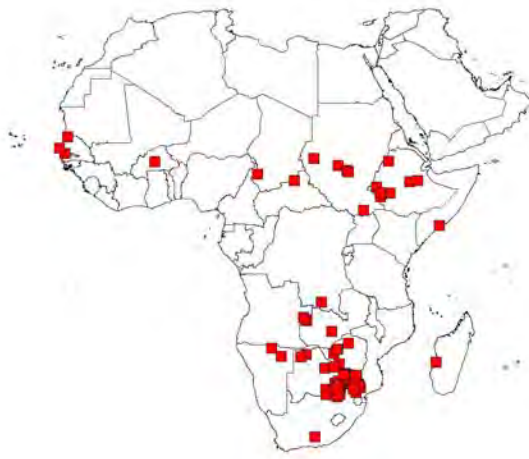
General distribution:

Gambia (Kock *et al.*, 2002: 87), Liberia over Central African Republic (Kock *et al.*, 2002: 87) to Sudan (Kock *et al.*, 2002: 87), Ethiopia, Kenya, Tanzania (Kock *et al.*, 2002: 87); also from Zambia, Zimbabwe, Malawi (Ansell and Dowsett, 1988: 40) to Angola, Namibia, Botswana and Transvaal (South Africa).

Echolocation:
See Taylor (1999).

Molecular biology:
DNA - Unknown.

Karyotype - Both Rautenbach *et al.* (1993) and Kearney *et al.* (2002) reported $2n = 42$, $FN = 50$, $BA = 10$, and an acrocentric Y chromosome, for specimens from South Africa. However, while Rautenbach *et al.* (1993) reported a submetacentric X chromosome, Kearney *et al.* (2002) reported a metacentric X chromosome. GTG banding identified that *P. hesperidus* and *P. rusticus* share the same Robertsonian fusion of chromosomes 11/12 (Kearney *et al.*, 2002).
Protein / allozyme - Unknown.



Distribution based on voucher specimens:
Botswana, Burkina Faso, Cameroon, Central African Republic, Congo (Democratic Republic of the), Ethiopia, Madagascar, Namibia, Senegal, Somalia, South Africa, Sudan, Zambia, Zimbabwe.

Figure 218. Distribution of *Pipistrellus rusticus*

Genus *Plecotus* E. Geoffroy St.-Hilaire, 1818

1816. *Macrotus* Leach, Preoccupied by *Macropus* Gray, 1842, Nomen nudum by Pavlinov *et al.* (1995: 103).
- *1818. *Plecotus* E. Geoffroy Saint-Hilaire, *Descrip. de l'Egypte*, 2: 112, pl. 2, No 3. Type species: *Vespertilio auritus* Linnaeus, 1758. Publication date: 1818.
1829. *Plecautus* F. Cuvier, *Lapsus*: see Cabrera (1914).

Taxonomy:

A key to the genus was published by C. Jones (1977). Mediterranean and Atlantic islands forms reviewed by Juste *et al.* (2004).

Benda *et al.* (2006) indicated that Benda *et al.* (2004c) and Spitzenberger *et al.* (2006) performed combined genetic and morphological analyses of Mediterranean plecotine bats with very similar results but with a slightly different interpretation. The difference is in the taxonomic evaluation of the *kolombatovici* clade of the *austriacus* group (in the sense of Juste *et al.* 2004a). This clade consists of a mosaic of morphotypes with a relatively very shallow genetic divergence. Benda *et al.* (2004c) identified this group with one species *P. teneriffae*, containing three to four more or less distinct forms living in allopatry (*teneriffae*, *kolombatovici*, *gaisleri*, and a possible fourth form in the Maghreb but preliminary included into *gaisleri*). Spitzenberger *et al.* (2006) distinguished two species in the clade, the monotypic *P. teneriffae* and *P. kolombatovici* with three forms, *kolombatovici*, *gaisleri*, and the unnamed Maghrebian form. A third possible interpretation, considering three species within the clade (which we confirm with the morphological evidence) was recently suggested by Mayer *et al.* (2007). Since all three analyses used almost the same types of character sets, their interpretations are alternatives arising from almost identical results. Thus, until new evidence is available for evaluation of relations within the clade, Benda *et al.* (2006) suggest to follow the 'intermediate' designation for the members of the clade, *P. teneriffae/kolombatovici* on the species level (considering the clade), *P. (teneriffae) gaisleri* for the populations of the Maghreb and Cyrenaica, and *P. (teneriffae) kolombatovici* for the populations of the clade inhabiting the Balkans and Asia Minor.

Common names:

English: Long-eared bats, Old World Big-eared Bats, Big-eared Bats, Old World Long-eared Bats. French: Oreillard, Chauve-souris à grandes oreilles. German: Langohrfledermäuse, Langohren.

Etymology of name:

From the Greek "*pleko*" meaning folded or twisted and "*otis*" meaning ear (see C. Jones, 1977: 3; Álvarez-Castañeda and Álvarez Solórzano, 1996: 43). Gardner (2005: 184) considers this to be masculine ("*Plec*" = twisted + "*ot*" = ear(ed) + "*us*" (Latin second declension ending)).

Distribution based on voucher specimens:

Cape Verde.

Plecotus balensis Kruskop & Lavrenchenko, 2000

- *2000. *Plecotus balensis* Kruskop and Lavrenchenko, *Myotis*, 38: 6. Type locality: Ethiopia: Southern Ethiopia, Bale Mountains National Park, Harenna Forest [06 45 N 39 44 E, 2 760 m]. Type specimen: ZMMU S-164904 (ad M, skin and skull, collector S.V. Kruskop, collection date 29 December 1995). Publication date: December 2000.

Taxonomy:

See Simmons (2005).

Common names:

English: Bale Big-eared Bat, Bale Long-eared Bat, Ethiopian Big-eared Bat, Ethiopian Long-eared Bat.

Etymology of name:

In reference to the Bale mountains, the area from where the type specimen originated (see Kruskop and Lavranchenko 2000: 8).

Conservation status:

Global- VU D2 ver 3.1 (2001) (IUCN 2004; Lavrenchenko *et al.*, 2004).

General distribution:

Higher regions of Ethiopia (Shoa, Bale Mts, Simenian Mts).

Distribution based on voucher specimens:

Ethiopia.



Figure 219. Distribution of *Plecotus balensis*

Plecotus christii Gray, 1838

1829. *Vespertilio auritus* β *aegyptius* J.B. Fischer, Synopsis Mamm., p. 117. Publication date: 1829. Junior homonym of *Vespertilio pipistrellus* var *aegyptius*: see Qumsiyeh (1985: 65). Allen (1939: 96) mentioned this form to be based on the description by E. Geoffroy, 1818: Description de l'Egypte, 2: 119.
- *1838. *Plecotus christii* Gray, Mag. Zool. Bot., 2 (12): 495. Type locality: Egypt: Originally North Africa, but restricted by Qumsiyeh (1985: 65, 67) to southern Egypt, Nile valley between Qena and Aswan. Type specimen: BMNH GMCM66a (skin in poor condition; collector Major Turnbull Christie). Publication date: 1 February 1838.
1866. *Plecotus aethiopicus* Heuglin, Sber. k. Akad. Wiss. Wien, math. naturw. Kl., 54 (1): 546. Type locality: Sudan: Bahr-el-Abiad. Publication date: 1866. Nomen nudum. Mentioned by Allen (1939: 96) as a synonym of *Plecotus auritus aegyptiacus* Geoffroy.
1878. *Plecotus aegyptiacus* Dobson, Allen (1939: 96) mentioned "l. Geoffroy, Mag. de Zool., 2: cl. 1, p. 2 of description of pl. 2-3, 1832, who repeats characters given by E. Geoffroy, in Description de l'Egypte, 2: 119, 1818. Egypt". Kock (1969: 179) also mentions "l. Geoffr.", but refers to Fitzinger (1866: 545) as first reference, who reported it from Egypt, Abyssinia and Shoa. Pavlinov *et al.* (1995) mentioned Dobson, 1878 as author.
1911. *Plecotus christiei*: Thomas, Proc. zool. Soc. Lond., 1: 160. Unjustified emendation (Benda *et al.* 2006).
1964. *Plecotus austriacus christiei*: Unjustified emendation (see Thomas 1911, Benda *et al.* 2006).
2002. *Plecotus cristiei*: Kiefer and Veith, Myotis, 39: 12. Lapsus

Taxonomy:

Generally considered to be a subspecies of *austriacus*, but see Benda *et al.* (2004: 23), who raised it to species rank.

African desert region, Mayer *et al.* (2007) suggested its occurrence also in the desert southern Levant.

Since *Plecotus austriacus* is a strictly European species (Juste *et al.* 2004, Mayer *et al.* 2007), this species is removed from the list of African species. All of the African records of *P. austriacus* in fact belong to *P. christii*, *P. (teneriffae) gaisleri* or to *P. balensis*. This also means that some of the synonyms assigned to *P. austriacus* in ACR 2006 should be assigned to these current species.

**Etymology of name:**

In honour of Dr. Turnbull Christie, the collector of the type specimen (see Gray, 1838: 495).

Conservation status:

Global- DD ver 3.1 (2001) assessed as *Plecitus christiei* (IUCN 2004; Aulagnier and Benda 2004b), corrected in IUCN (2006) update.

General distribution:

Arabia (provisionally); N Africa (Egypt, Libya, Sudan) (Horáček *et al.*, 2000: 135), SW Asia (incl. Turkey). Benda *et al.* (2004: 26) restricted its confirmed distribution to the north-eastern

Figure 220. Distribution of *Plecotus christii*

Distribution based on voucher specimens: Egypt.

Plecotus teneriffae Barrett-Hamilton, 1907

- *1907. *Plecotus teneriffae* Barrett-Hamilton, Ann. Mag. nat. Hist., ser. 7, 20 (120): 520. Type locality: Canary Islands [Spain]: Tenerife Island, Orotava [28 23 N 16 31 W]. Type specimen: BMNH 1887.4.18.1 (skin and skull; collector Ramon Gomez; collection date 3 April 1887: see Benda *et al.*, 2004: 39). Publication date: 1 December 1907.

Taxonomy:

Synonymized with *P. austriacus* by Corbet (1978c); but see Ibáñez and Fernández (1985). Juste *et al.* (2004: 10) suggest *teneriffae* is closely related with *kolombatovici*. Pestano *et al.* (2003: 306) indicate *P. christii* [= *P. (teneriffae) gaisleri*] to be the closest relative.

Common names:

Basque: Belarrihandi kanariar. Catalanian: Rat penat orellut canari. English: Canary big-eared bat, Canary Long-eared bat. French: Oreillard de Ténérife. Spanish (Castilian): Murciélago orejudo canario.

Etymology of name:

Referring to the island where the type specimen was collected.

Conservation status:

Global- VU (Baillie and Groombridge 1996); DD ver 3.1 (2001) (IUCN 2004; Juste *et al.*, 2004a).

General distribution:

(Tenerife, La Palma, El Hiero) Canary Isls (Spain) (Benda *et al.*, 2004: 28).

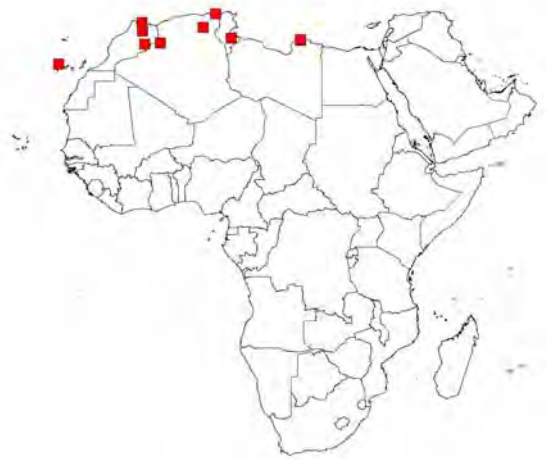


Figure 221. Distribution of *Plecotus teneriffae*

Distribution based on voucher specimens: Algeria, **Canary Islands [Spain]**, **Libya**, Morocco, Tunisia.

Plecotus teneriffae gaisleri Benda, Kiefer, Hanak & Veith, 2004

- *2004. *Plecotus teneriffae gaisleri* Benda, Kiefer, Hanák and Vieth, Folia Zool., 53 (Monogr. 1): 28. Type locality: Libya: Cyrenaica, Al Jabal Al Akhdar district, 8 km SW Massah, Wadi al Kuf (Jabal Akhdar Mts) [32 42 N 21 35 E, c 330 m]. Type specimen: NMP 49911 (Holotype, ad F, skull and alcoholic, collectors: Petr Benda, Vladimír Hanák, Michal Andreas, Antonín Reiter and Marcel Uhrin, collection date: 20 May 2002; paratypes: 4 MM + 2 FF, NMP 49905-49907, 49908-49910, see Benda *et al.*, (2004c: 29)).

Taxonomy:

See under *Plecotus* above. Formerly considered as *P. auritus* or *P. austriacus*, for details see Benda *et al.* (2004).

Conservation status:

Global- VU (Baillie and Groombridge 1996); DD ver 3.1 (2001) (IUCN 2004; Juste *et al.*, 2004a) as *P. teneriffae*.

Common names:

English: Gaisler's Long-eared Bat. French: Oreillard du Gaisler.

General distribution:

Northern Cyrenaica (Libya); north-west Africa (Maghreb: Morocco, Algeria, Tunisia); Pantelleria island (Italy) and Malta.

Etymology of name:

In honour of professor Jiri Gaisler (Brno, Czech Republic) who significantly contributed to the knowledge of the North African bat fauna (see Benda *et al.*, 2004: 29).

Plecotus teneriffae teneriffae Barrett-Hamilton, 1907

- *1907. *Plecotus teneriffae* Barrett-Hamilton, Ann. Mag. nat. Hist., ser. 7, 20 (120): 520. Type locality: Spain: Canary Islands, Tenerife Island, Orotava. Type specimen: BMNH 1887.4.18.1 (skin and skull; collector R. Gomez; collection date 3 April 1887: see Benda *et al.*, 2004: 39). Publication date: 1 December 1907.
- ? *Plecotus teneriffae teneriffae*: Name combination.

Genus **Scotoecus** Thomas, 1901

- *1901. **Scotoecus** Thomas, Ann. Mag. nat. Hist., ser. 7, 7 (39): 263. Type species: *Scotophilus albofuscus* Thomas, 1890. Publication date: 1 March 1901.
 1917. **Scotoecus** Thomas, Ann. Mag. nat. Hist., ser. 8, 19 (111): 280. Lapsus.
 ? **Scotoecus**: Current spelling.

Taxonomy:

Scotoecus has been treated as a subgenus of *Nycticeius* (Ellerman *et al.* 1953, Hayman and Hill 1971), but more often as a full genus (Allen 1939a; Rosevear 1965; Kock 1969; Hill 1974b; Koopman 1975, 1978; Corbet and Hill 1980; Swanepoel *et al.*, 1980; Honacki *et al.*, 1982). Of the two (Honacki *et al.*, 1982) or three (Corbet and Hill 1980) recognized African species only *albofuscus* occurs in Southern Africa, having been recorded from a single locality in Mozambique.

Bronner *et al.* (2003) report the light-winged lesser house bat (*Scotoecus albofuscus*) in South Africa. This represents a significant extension in the known ranges of both species and testifies to the need for more intensive field surveys targeting poorly known taxa. Cotterill (2001b) also recorded *Scotoecus albigula* and *S. hindei* from Zinave, Mozambique, based on the re-identification of two museum specimens originally

assigned to *Scotophilus viridis*. Compared with the light-winged *albofuscus*, species identification of the dark-winged taxa of *Scotoecus* (*albigula*, *hindei*, *hirundo*, *falabae*) is more complicated. Indeed, Koopman (1993a) included all these taxa in *S. hirundo*. A study of cranial variation involving a small sample of Malawian specimens (Taylor and van der Merwe 1998) revealed that *hindei*, *hirundo* and *albigula* are distinguishable on morphometric grounds, with *albigula* and *hindei* apparently having larger canines and cheekteeth (as well as larger skulls) than *hirundo*, while *albigula* and *hindei* differ from each other in skull proportions. However, we provisionally retain these within *S. hirundo*, pending a broader study of the dark-winged forms including a larger sample of specimens from across the range.

Common names:

English: Lesser House Bats, House Bats.

Scotoecus albigula Thomas, 1909

- *1909. **Scotoecus albigula** Thomas, Ann. Mag. nat. Hist., ser. 8, 4 (24): 544. Type locality: Kenya: Mount Elgon, Kirui [6 000 ft (=1 829 m)]. Type specimen: BMNH (ad M, collector: Robin Kemp, Rudd Collection, collection date: 5 September 1909, original number 200). Publication date: 1 December 1909.

Taxonomy:

Included in *hirundo* by Koopman (1993a: 226), but considered a valid species by Ansell and Dowsett (1988: 44), Simmons (2005).

Common names:

English: White-throated Lesser House Bat, White-bellied Lesser House Bat.

Conservation status:

Global- DD ver 3.1 (2001) (IUCN 2004; Jacobs and Cotterill 2004c).

General distribution:

Angola, Zambia, Mozambique, Uganda, Kenya, Malawi, Somalia.

Echolocation:

See Taylor *et al.*, (2005).

Distribution based on voucher specimens:

Angola.

Scotoecus albofuscus (Thomas, 1890)

- *1890. *Scotophilus albofuscus* Thomas, Ann. Mus. Civ. Stor. Nat. Genova, ser. 2a, (O.S. 29) 9: 84. Type locality: Gambia: Bathurst [=Banjul]. Type specimen: BMNH 1889.12.12.2 (Holotype, ad M, alcoholic, collector: dr. Percy Rendall). Publication date: 3 February 1890.
1917. *Scotoecus woodi* Thomas, Ann. Mag. Nat. Hist., ser. 8, 19 (111): 280. Type locality: Malawi: Chiromo [16 32 S 35 09 E, 200 ft (=61 m)]. Type specimen: BMNH 1917.2.1.1 (Holotype, ad M, collected and presented by Rodeny C. Wood, Esq., collection date: 2 October 1916, original number 173). Publication date: 1 March 1917.
- ? *Scotoecus albofuscus woodi*: Name combination.
- ? *Scotoecus albofuscus*: Name combination.

Taxonomy:

See Simmons (2005).

Common names:

Afrikaans: Thomas se vlermuis, Thomas-vlermuis. English: Thomas' House Bat, Light-winged Lesser House Bat, Thomas's Lesser House Bat. French: Scotophile du crépuscule, Chauve-souris de Thomas. Portuguese: Morcego pequeno das casas.

Conservation status:

Global- LR/nt (Baillie and Groombridge 1996); DD ver 3.1 (2001) (IUCN 2004; Jacobs 2004h).

Regional- South Africa- VU D2 ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

Gambia over Benin (Capo-Chichi *et al.*, 2004: 163) to Uganda (Kityo and Kerbis, 1996: 62), Kenya and Mozambique, Malawi (Happold and Happold, 1997: 819), and South Africa (Kwazulu-Natal; Kearney & Taylor, 1997: 53).



Figure 222. Distribution of *Scotoecus albofuscus*

Distribution based on voucher specimens:
Malawi, South Africa, The Gambia.

Scotoecus hindei Thomas, 1901

- *1901. *Scotoecus hindei* Thomas, Ann. Mag. nat. Hist., ser. 7, 7 (39): 264. Type locality: Kenya: Kitui [3 500 ft (=1 150 m)]. Type specimen: BMNH 1901.2.5.1 (M, collector: S.L. Hinde, collection date: 26 November 1900, original number 63). Publication date: 1 March 1901.
1904. *Nyctinomus hindei* Thomas, Name combination?
1915. *Scotoecus falabæ* Thomas, Ann. Mag. Nat. Hist., ser. 8, 16 (95): 447. Type locality: Nigeria: N Nigeria, Kabwir. Type specimen: BMNH 1915.10.8.1 (Holotype). Publication date: 1 November 1915. Considered a valid subspecies by Grubb *et al.* (1998: 87).
- ? *Scotoecus hindei falabæ*: Name combination.

Taxonomy:

Included in *hirundo* by Kock (1969: 192), Koopman (1993a: 226), but considered a valid species by Ansell and Dowsett (1988: 44), Simmons (2005).

Etymology of name:

In honour of S.L. Hinde, the collector of the type specimen (see Allen 1939: 98).

Conservation status:

Global- DD ver 3.1 (2001) (IUCN 2004; Jacobs *et al.*, 2004q).

Common names:

English: Hinde's Lesser House Bat.

General distribution:

Nigeria and Cameroon to S Sudan, Ethiopia (Lavrenchenko *et al.*, 2004: 141), and Somalia; south to SE Congo (Democratic Republic of the Congo), Kenya, Tanzania, Zambia, Mozambique, Malawi.

Echolocation:

See Taylor *et al.*, (2005).

Distribution based on voucher specimens:

Kenya, Malawi, Nigeria.



Figure 223. Distribution of *Scotoecus hindei*

Scotoecus hirundo (de Winton, 1899)

- *1899. *Scotophilus hirundo* de Winton, Ann. Mag. Nat. Hist., ser. 7, 4 (23): 355. Type locality: Ghana: Gambaga. Type specimen: BMNH 1899.6.15.8 (Holotype). Publication date: 1 November 1899.
- 1923. *Scotoecus artinii* de Beaux, Atti Soc. ital. Sci. nat., 62: 98. Type locality: Kenya: Northern Guaso Nyiro, Archer's Post. Type specimen (F, skin and skull, collector L. Franchetti and L. Tonker, collection date 26 December 1919, original number N 1443 ; 2 paratypes: see de Beaux, 1923: 98).
- ? *Scotoecus hirundo*: Name combination.

Taxonomy:

Koopman (1993a: 226) included *hindei*; see Hayman and Hill (1971: 36) and Robbins (1980: 84); but see also J.E. Hill (1974).

Common names:

English: Dark-winged Lesser House Bat, Swallow Lesser House Bat. French: Scotophile à ailes noires.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); DD ver 3.1 (2001) (IUCN 2004; Jacobs 2004g).

General distribution:

Senegal over Benin (Capo-Chichi *et al.*, 2004: 163) to Uganda (Kityo and Kerbis, 1996: 63), Ethiopia.

Distribution based on voucher specimens:

Ghana.



Figure 224. Distribution of *Scotoecus hirundo*

Genus *Scotophilus* Leach, 1821

- *1821. *Scotophilus* Leach, Trans. Linn. Soc. Lond., 13 (1): 69, 71. Type species: *Scotophilus kuhlii* Leach, 1821 (According to Meester *et al.* 1986: 59 "juvenile *Vespertilio temmincki* Horsfield"). Publication date: 23 May - 21 June 1821.
1831. *Pachyotus* Gray, Zool. Misc., 1: 38. Type species: *Scotophilus kuhlii* Leach, 1821. Publication date: 1831.
1842. *Nycticejus* Rüppell, Mus. Senckenberg., 3 (2): 157, 189. Type species: *Nycticejus leucogaster* Cretzschmar, 1826.

Taxonomy:

Bronner *et al.* (2003) states that the taxonomy of African *Scotophilus* remains problematic. Three species, differing mainly in body size, probably occur in the [southern African] subregion, but species limits and phylogenetic inter-relationships are unclear (Meester *et al.* 1986). Ellerman *et al.* (1953) referred to the largest species as *gigas*, but Robbins (1978) showed that in describing *gigas*, Dobson (1875) had in fact re-described *nigrita*, the name used by Ellerman *et al.* (1953) for the medium-sized species. Koopman (in Honacki *et al.* 1982) accepted *nigrita* as a senior synonym of *gigas*, but argued that *nigrita* is a nomen dubium and should therefore not be used; a position later recanted (Koopman 1993, 1994). Since *nigrita* was no longer available for the medium-sized species, Robbins (1978) used *dinganii* as the next valid name. Koopman (1975, 1978), however, regarded *leucogaster* as a senior synonym of *dinganii*, but later revised this opinion and recognised these as discrete species (Koopman 1993). Shortly thereafter he reverted to his earlier treatment and again listed *dinganii* under *leucogaster* (Koopman 1994).

Ellerman *et al.* (1953) referred to the smallest of the three species in the [southern African] subregion as *viridis*, containing two subspecies (*S. v. viridis* and *S. v. damarensis*), which they recognised as distinct from *borbonicus* on Reunion Island. Hill (1980) regarded these taxa as conspecific and, therefore, used *borbonicus* as the prior name for this taxon. Corbet and Hill (1980) followed Koopman (1975) in confining *borbonicus* to Madagascar and Reunion, and thus once again recognised *viridis* as a mainland species, a treatment followed by Swanepoel *et al.* (1980) and Koopman (in Honacki *et al.* 1982). Robbins *et al.* (1985) followed suit, but also listed *leucogaster* to accommodate *damarensis*, which they considered distinct from *viridis*, a treatment endorsed by Corbet and Hill (1991). Koopman (1993a) considered *damarensis* synonymous with *viridis*, but subsequently recognised both of these as only subspecies of *borbonicus* (Koopman 1994).

Karyotype:

Due to the systematic problems in the naming of African *Scotophilus*, it is not known to which species certain work refers. Both Schlitter *et al.* (1980) and Ruedas *et al.* (1990) karyotyped specimens from mainland Africa that were identified as *S. borbonicus*. Schlitter *et al.* (1980) reported $2n = 36$, $FN = 54$, $BA = 20$, an acrocentric X chromosome, and a metacentric Y chromosome. Whereas, Ruedas *et al.* (1990) reported $2n = 36$, $FN = 50$, $BA = 16$, an acrocentric X chromosome, and a metacentric Y chromosome. *Scotophilus borbonicus* has since been restricted to Madagascar, leaving the smaller mainland forms as *S. viridis* and *S. leucogaster*, but to which of these species the karyotype results relate is still unknown.

Scotophilus borbonicus (E. Geoffroy St.-Hilaire, 1803)

- *1803. *Vespertilio borbonicus* E. Geoffroy Saint-Hilaire, Cat. Mamm. Mus. Nat. Hist. nat., Paris, 55. Type locality: [France]: Ile Bourbon [=Reunion Island]. Type specimen: RMNH 28508 (Lectotype; "individu adulte monté, figuré dans la Mammalogie de Temminck, T.H. Pl. XLVII, fig. 6. Bourbon. Du voyage de M. Macé": see Goodman *et al.* (2005: 871)). Allen (1939a: 99), Kock (1969: 192) mentioned "Ann. Mus. d'Hist. Nat. Paris, 8: 201, pl. 46, 1806"
- ? *Scotophilus borbonicus*: Name combination.

Taxonomy:

Included equivocally in *leucogaster* by Hayman and Hill (1971: 50 - 51), but see Koopman (1975: 414 - 416). Hill (1980b) considered African *viridis* and *damarensis*, and possibly *leucogaster* to be conspecific with *borbonicus*; but C.B. Robbins *et al.* (1985) rejected any affinity with African mainland species. Also see comment under *leucogaster* and genus. Koopman (1986) included *viridis*, *damarensis*, and *nigritellus* (but not *leucogaster*) in this species.

Common names:

English: Lesser Yellow Bat, Lesser Yellow House Bat, Madagascar yellow house bat. French: Scotophile de Madagascar, Petite Chauve-souris jaune des maisons. Portuguese: Morcego amarelo pequeno.

Etymology of name:

Referring to "Ile Bourbon" where the type specimen was collected.

Conservation status:

Global- CR: A1c (Mickleburgh *et al.*, 2002: 22); CR A1c ver 2.3 (1994) (IUCN 2004).

General distribution:

Madagascar, Reunion Isl (Mascarene Isls). Records from Mauritius (Mascarene Isls) are erroneous, see Cheke and Dahl (1981: 217). Peterson *et al.* (1995) could not confirm its occurrence on Madagascar.

Molecular biology:

DNA - See Hooper and Van Den Bussche (2003) for the results of a specimen from Kenya. Karyotype, Protein / allozyme - Unknown.

Distribution based on voucher specimens:

Madagascar, Reunion.

Scotophilus dinganii (A. Smith, 1833)

1832. *Vespertilio epichrysus* Temminck, in Smuts, Enumer. Mamm. Capensium, 106. Type locality: Republic of South Africa: Cape Town. Allen (1939a) and Ellerman *et al.* (1953) regard this taxon as unidentifiable, besides which it appears to fall outside the known range of the species as a whole (see Roberts (1951: 90), Meester *et al.* (1986: 60), who include it with a question mark). However, if valid, this is the senior name for the species.
- *1833. *Vespertilio dinganii* A. Smith, S. Afr. Quart. J., ser. 2, 1 (2): 59. Type locality: Republic of South Africa: Between Port Natal (= Durban) and Delagoa Bay (=Maputo). Publication date: November 1833.
1852. *Nycticejus planirostris* Peters, Naturw. Reise Mossamb., Säugethiere, p. 65, pl; 17, fig. 1, a-e. Type locality: Mozambique: Zambezi, Tete. - Publication date: 1852.
1904. *Scotophilus nigrita colias* Thomas, Ann. Mag. Nat. Hist., ser. 7, 13 (75): 207. Type locality: Kenya: Fort Hall. Type specimen: BMNH 1902.7.6.11 (Holotype, M, presented by Mrs. Hinde, collection date: 25 January 1902). Publication date: 1 March 1904.
1906. *Scotophilus nigrita herero* Thomas, Ann. Mag. Nat. Hist., ser. 7, 17 (98): 174. Type locality: Namibia: Ovamboland, Olifants Vlei [c 18 S 17 30 E] (Ellerman *et al.* (1953) point out that this locality is not in Damaraland, as claimed by Thomas for both *herero* and *damarensis*: see Meester *et al.* (1986: 60)). Type specimen: BMNH 1907.1.1.449 (Holotype, ad F, skin and skull, collector: Mr. C.J. Andersson, collection date: 8 August 1859, original number 260, received in the Tomes collection). Publication date: 1 February 1906.
1946. *Scotophilus nigrita pondoensis* Roberts, Ann. Transv. Mus., 20 (4): 304. Type locality: Republic of South Africa: Transkei, Pondoland, Port St.Johns.
1951. *Vespertilio epichrysurus* Roberts, Mammals of South Africa: 90. Lapsus.
1958. *Scotophilus nigrita coreas* Eisentraut, Veröff. Überseemus. Bremen, (A) 3: 23. Lapsus for *colias* (see Kock, 1969: 193).
- ? *Scotophilus dinganii*: Name combination.

Taxonomy:

Placed in *leucogaster* by Koopman (1975: 414 - 416, as *nigrita*; 1986) and Koopman *et al.* (1978: 4 - 5); but see also Schlitter *et al.* (1980).

africaine, Chauve-souris jaune des maisons, Scotophile à ventre jaune. German: Gelbbäuchige Hausfledermaus. Portuguese: Morcego caseiro amarelo.

See also the discussion under the genus and under *nigrita* and *leucogaster*.

Palaeontological / archaeological records:
This species has been recovered from the upper Pleistocene at Border Cave, South Africa (Avery 1991: 6).



Figure 225. *Scotophilus dinganii*

Common names:

Afrikaans: Geel Dakvlermuis. English: Yellow House Bat, Dingaans House Bat, Yellow-bellied House Bat, Dingaans Yellow Bat, African Yellow Bat, African yellow house bat. French: Scotophile

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Griffin 2004b).
Regional- South Africa- LC ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

Senegal and Sierra Leone east over Benin (Capo-Chichi *et al.*, 2004: 163), Republic of the Congo (Dowsett *et al.*, 1991: 259) to Ethiopia (Lavrenchenko *et al.*, 2004: 131), Somalia, Djibouti (Pearch *et al.*, 2001: 398) and S Yemen and south to Malawi (Ansell and Dowsett, 1988: 38), Zambia, Zimbabwe, Botswana, Namibia, Angola (Cotterill, 2004: 262), South Africa.

Echolocation:

See Taylor (1999) and Taylor *et al.*, (2005).

Molecular biology:

DNA - See Hooper and Van Den Bussche (2003) for the results of a specimen from Tanzania.

Karyotype - Peterson and Nagorsen (1975), Schlitter *et al.* (1980) and Ruedas *et al.* (1990) all reported $2n = 36$. However, while Schlitter *et al.* (1980) reported FN = 52, BA = 18, an acrocentric X chromosome, and a metacentric Y chromosome, Ruedas *et al.* (1990) reported FN = 50, BA = 16, a submetacentric X chromosome, and a telocentric Y chromosome.

Protein / allozyme - Unknown.

Distribution based on voucher specimens:

Angola, Botswana, Burundi, Congo, Congo (Democratic Republic of the), Djibouti, Eritrea, Ethiopia, Ghana, Kenya, Malawi, Mozambique, Namibia, Nigeria, Sierra Leone, Somalia, South Africa, Sudan, Swaziland, Tanzania, Togo, Uganda, Zambia, Zimbabwe.



Figure 226. Distribution of *Scotophilus dinganii*

Scotophilus leucogaster (Cretzschmar, 1826)

- *1826. *Nycticejus leucogaster* Cretzschmar, in Rüppell, Atlas Reise Nördl. Afr., Zool. Säugeth., 71, pl. 28a, 1, 2. Type locality: Sudan: Kordofan, Brunnen Nedger (Nedger Well) [=Bir Nedger]. Type specimen: RMNH 27432 (Mertens (1925: 22) mentions SMF 4309 (old catalog II.O.1.b, coll. E. Rüppell, 1825) as lectotype). Publication date: 1826.
1861. *Nycticejus flavigaster* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 29 (8): 5, 14. Type locality: Eritrea: Keren [c 15 45 N 38 20 E]. Publication date: 1861.
1861. *Nycticejus murino-flavus* Heuglin, Nova Acta Acad. Cæs. Leop.-Carol., Halle, 29 (8): 5, 15. Type locality: Ethiopia: near Massaua, M'kullu. Type specimen: ? (ad M). Publication date: 1861.
1877. *Nycticejus serratus* Heuglin, Reise in Nordost Afrika, 2: 35. Type locality: Ethiopia: "Sherq el Aqabah, am Araschkol und den benachbarten Granitgebirgen". Publication date: 1877. Mentioned as synonym of *Scotophilus nigrita leucogaster* by Allen (1939a: 99), so this might represent either *leucogaster* or *dinganii*.
1906. *Scotophilus damarensis* Thomas, Ann. Mag. Nat. Hist., ser. 7, 17 (98): 175. Type locality: Namibia: Ovamboland, Olifants Vlei [c 18 S 17 30 E]. Type specimen: BMNH 1907.1.1.463 (Holotype, ad M, skin and skull, collector: Mr. C.J. Andersson, collection date: 10 August 1859, original number: 276, received in the Tomes collection). Publication date: 1 February 1906. Included in *borbonicus* by Meester *et al.* (1986: 61), in *viridis* by Koopman (1993: 228), but in *leucogaster* by Simmons (2005).
1914. *Scotophilus atilis* G.M. Allen, Bull. Mus. Comp. Zool., 58: 350. Type locality: Sudan: Blue Nile, north of [Er] Roseires, Aradeiba. Type specimen: MCZ 14463 (holotype; ad M, skin and skull; collector: Glover M. Allen (Philips Sudan Expedition), collection date: 22 January 1913; original number: 73: see Helgen and McFadden, 2001: 147). Helgen and McFadden (2001: 147) also mention three paratypes (2 in MCZ [14610, 14611] and one exchanged with FMNH [former MCZ 14462]). Publication date: July 1914.
- ? *Scotophilus leucogaster*: Name combination.
- ? *Scotophilus nigrita leucogaster*: Name combination.

Taxonomy:

Does not include *damarensis*, see Koopman (1986); but see Robbins *et al.* (1985). Includes *nucella*; but see Robbins *et al.* (1985). For scope of this species see Koopman (1975: 414 - 416); as *nigrita* and Koopman *et al.* (1978: 4 - 5). However Robbins (1978: 212 - 213) has shown that the name *nigrita* was misapplied to another species, for which the next available name was *dinganii*, and which would be included in *leucogaster* if Koopman's (1975) reasoning were followed. However Schlitter *et al.* (1980) listed *dinganii* as distinct from *leucogaster*, as did Robbins *et al.* (1985). See Koopman (1986).

General distribution:

Mauritania and Senegal over Mali (Meinig, 2000: 105), Benin (Capo-Chichi *et al.*, 2004: 163) to Uganda (Kityo and Kerbis, 1996: 62), N Kenya and Ethiopia; Yemen, Saudi Arabia.

Molecular biology:

DNA - See Hooper and Van Den Bussche (2003) for the results of a specimen from Kenya.
Karyotype - See discussion in generic account.
Protein / allozyme - Unknown.

Common names:

English: Lesser Yellow House Bat, White-bellied House Bat, White-bellied Yellow Bat, Cretzschmar's Brown Bat. French: Scotophile à ventre blanc. German: Weißbäuchige Hausfledermaus.

Etymology of name:

From the Greek "*leugos*" and "*gaster*" meaning white-bellied (see Kozhurina, 2002: 16).

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Griffin 2004a).



Distribution based on voucher specimens:
Botswana, Cameroon, Central African Republic,
Chad, Ethiopia, Ghana, Guinea-Bissau, Kenya,
Malawi, Mozambique, Namibia, Nigeria, Senegal,
Sierra Leone, South Africa, Sudan, Tanzania,
Togo, Uganda, Zambia, Zimbabwe.

Figure 227. Distribution of *Scotophilus leucogaster*

Scotophilus marovaza Goodman, Ratrimomanarivo and Randrianandrianina, 2006

- *2006. *Scotophilus marovaza* Goodman, Ratrimomanarivo and Randrianandrianina, Acta Chiropterologica, 8(1): 21-37. Type locality: Madagascar: Province de Mahajanga - Marovaza [14 56 S 47 16 E, 5m asl]. Type specimens: FMNH 184050 (Holotype, ad M, skull and formalin, collector: S.M. Goodman and F.H. Ratrimomanarivo, collection date: 11 December 2004); MNHN 1984.433 (Paratype, collector: Goodman *et al.* (2006: 25) Alphonse Grandidier, as the collection date conforms to the period visited the village of Mahabo (Verin and Mantaux 1971: 22), collection date: 29 April 1869); UADBA 46965 (Paratype, locality: Madagascar: Antafinimihakatra, Parc National d' Ankarafantsika [16 16 S 46 48 E], collector: Felicien H. Randrianandrianina and Hanta Julie Razafimanahaka, collection number: RBJ 215, collection date: 24 November 2004); FMNH 184051, 184052, 184085, 184086 (Paratypes, locality: Madagascar: Province de Mahajanga - Marovaza [14 56 S 47 16 E, 5 m asl], collector: Steven M. Goodman and Mamy Ravokatra, collection date: 21 - 22 April 2005).

Taxonomy:

See Goodman *et al.* (2006a).

Habitat:

See Goodman *et al.* (2006a).

Etymology of the name:

The name of the type locality (Marovaza) is placed in apposition to the generic name (Goodman *et al.*, 2006a).

Habits:

Unknown.

Palaeontological / archaeological records:

Unknown.

Roost:

The type specimen was collected day roosting in dry palm leaves (*Bismarckia nobilis*) forming the roof of a building (Goodman *et al.*, 2006a).

Conservation status:

Global- Not assessed (IUCN 2004).

Migration:

Unknown.

General distribution:

Madagascar (Goodman *et al.* 2006a).

Diet:

Unknown.

Geographic variation:

Unknown.

Predators:

Unknown.

General description of external morphology:

See Goodman *et al.* (2006a).

Population:

Structure and density - Unknown.

General description of cranial and dental morphology:

See Goodman *et al.* (2006a).

Lifespan:

Unknown.

Detailed morphology:

For a description of the crania, teeth, ears and tragus see Goodman *et al.* (2006a).

Activity and behaviour:

Unknown.

Functional morphology:

Unknown.

Reproduction and ontogeny:

See Goodman *et al.* (2006a).

Sexual dimorphism:

Unknown.

Mating:

Unknown.

Echolocation:

Unknown.

Post-natal development:

Unknown.

Molecular biology:

DNA, karyotype, protein / allozyme - Unknown.

Parasites:

Unknown.

Viruses:

Unknown.

Utilization:
Unknown.

Anthropophilous:
Known to roost in the palm roofs of houses
(Goodman *et al.*, 2006a).

Scotophilus nigrita (Schreber, 1774)

- *1774. *Vespertilio Nigrita* Schreber, Die Säugethiere, 1 (8): pl. 58 + 1 (9): 171. Type locality: Senegal: no specific locality. Publication date: 1774.
- 1875. *Scotophilus gigas* Dobson, Ann. Mag. Nat. Hist., ser. 4, 16 (92): 122. Type locality: Nigeria: Lagos. Type specimen: BMNH 1872.10.24.5 (ad F, skull and alcoholic). Publication date: 1 August 1875.
- 1965. *Scotophilus alvenslebeni* Dalquest, J. Mamm., 46 (2): 258. Type locality: Mozambique: S bank Save River, Zinave National Park ("S Bank Save River, bei Zinave, 212 km SSW Beira": see Kock 1969: 204).
- ? *Scotophilus nigrita*: Name combination.

Taxonomy:

For a review of this species see Robbins (1978). The identity of this species is clear and *nigrita* is the senior synonym of *gigas*. Most specimens called *nigrita* prior to 1978 should be called *dinganii* (see Robbins, 1978: 212 - 213).

Common names:

Afrikaans: Groot geel dakvlermuis. English: Giant House Bat, Giant Brown House Bat, Brown House Bat, Great Brown House Bat, Giant Yellow House Bat, Schreber's Yellow Bat, Geat Brown Bat, Giant brown bat. French: Grand scotophile africain. German: Riesen-Hausfledermaus. Portuguese: Morcego gigante amarelo das casas.

Etymology of name:

From "*nigrita*" meaning black.

Most of the colloquial names refer to its colour (yellow) and being a House bat.

The colloquial name Schreber's Yellow bat refers to J. von Schreber, who originally described the species (Taylor 2005).

Conservation status:

Global- LR/nt (Baillie and Groombridge 1996); NT ver 3.1 (2001) (IUCN 2004; Cotterill 2004d).

Regional- South Africa- considered a vagrant not assessed, not recorded in SA (Friedmann and Daly 2004).

General distribution:

Senegal to Uganda (Kityo and Kerbis, 1996: 63), Sudan and Kenya to Zimbabwe, Malawi (Ansell and Dowsett, 1988: 37) and Mozambique.

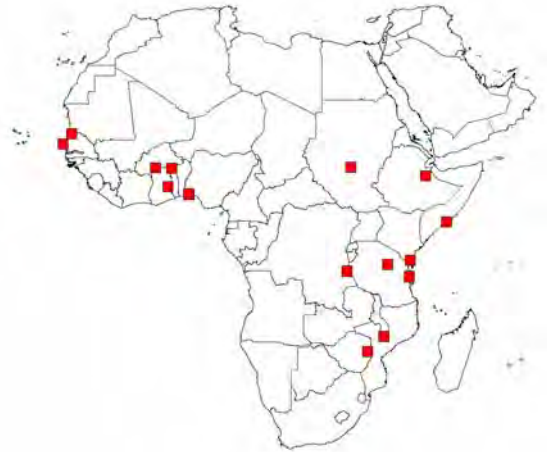


Figure 228. Distribution of *Scotophilus nigrita*

Distribution based on voucher specimens: Benin, Congo (Democratic Republic of the), Ethiopia, Ghana, Kenya, Malawi, Nigeria, Senegal, Somalia, Sudan, Tanzania, Togo, Zimbabwe.

Scotophilus nucella Robbins, 1984

- *1984. *Scotophilus nucella* Robbins, Ann. Kon. Mus. Mid. Afr. Zool. Wetensch., 273: 19 (for 1983). Type locality: Ghana: Eastern region, 1 mi N Nkawkaw [06 33 N 00 44 W]. Type specimen: USNM 412141 (ad M, skin and skull, collector Bruce J. Hayward, collection date 5 August 1967).

Taxonomy:

Included in *leucogaster* by Koopman (1993a: 227), Grubb *et al.* (1998: 91).

Common names:

English: Lesser Nut-coloured House Bat, Rainforest House Bat, Robbins's House Bat, Nucella House Bat, Little Nut-coloured House Bat, Robbins's Yellow Bat. French: Scotophile des hauteurs, Scotophile de Robbins. German: Robbins Hausfledermaus.

Etymology of name:

nucella is a diminutive of *nux*. Following the rules for construction of a diminutive, the latin root of *nux* is used (= "*nuc*"). Although *Scotophilus* is masculine in gender, formation of a diminutive of a noun in apposition (*nux*) must retain the same gender as its root (*nuc*) which is feminine. The only ending then possible are *-ula* or *-ella*.

Conservation status:

Global- VU A2a; B2ab(iii) ver 3.1 (2001) (IUCN 2004; Fahr 2004b).

General distribution:

Known from the high forest vegetation zone in Ghana and Uganda, but it may occur in the high forest areas of West, Central and East Africa (Robbins 1984).



Figure 229. Distribution of *Scotophilus nucella*

Distribution based on voucher specimens:
[Ghana](#).

Scotophilus nux Thomas, 1904

- *1904. *Scotophilus nigrita nux* Thomas, Ann. Mag. Nat. Hist., ser. 7, 13 (75): 208. Type locality: Cameroon: Efulen. Type specimen: BMNH 1903.2.4.5 (Holotype, ad M, collector: Mr. G.L; Bates) Publication date: 1 March 1904.
- ? *Scotophilus dinganii nux*: Name combination.
- ? *Scotophilus nux*: Name combination.

Taxonomy:

S. nux has been most often recognized as a subspecies of *nigrita*, when *nigrita* was used for the species now called *dinganii*; see Allen (1939a), Rosevear (1965), and Hayman and Hill (1971: 50). Koopman *et al.* (1978: 4 - 5) listed it as a subspecies of *leucogaster*. Grubb *et al.* (1998: 90) include *nux* as a subspecies of *dinganii*.

Common names:

English: Nut-coloured House Bat, Dark House Bat, Nut-colored yellow bat, Nux yellow house bat. French: Scotophile nux, Scotophile noisettes. German: Nußfarbene Hausfledermaus.

Etymology of name:

From the Latin "*nux*" meaning nut.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Fahr 2004q).

General distribution:

High forest zones from Sierra Leone over Republic of the Congo to Kenya.



Figure 230. Distribution of *Scotophilus nux*

Distribution based on voucher specimens: "Congo", Cameroon, Congo (Democratic Republic of the), Côte d'Ivoire, Kenya.

Scotophilus robustus A. Milne-Edwards, 1881

- *1881. *Scotophilus robustus* A. Milne-Edwards, C. R. Acad. Sci., Paris, 91: 1035. Type locality: Madagascar: no specific locality. Goodman *et al.* (2005: 873) mention "entre Foulpointe et le lac d'Alaoutre" in the central portion of the eastern humid forest. Type specimen: MNHN 1997.1883a (F, alcoholic, skull not removed, collector: M. Humblot, nr 218: see Rode 1941, Peterson *et al.*, 1995: 112, Goodman *et al.* (2005: 873)). Goodman *et al.* (2005: 873) also mention that the jar with the type specimen contains two specimens (1997.1883a and 1997.1883b), but that not can be determined which of the two is the holotype.). Publication date: 1881.
- ? *Scotophilus nigrita robustus*: Name combination.

Taxonomy:

Recognized as a subspecies of *nigrita* (when *nigrita* was used for the species now called *dinganii*) by Hayman and Hill (1971: 50). However, Robbins *et al.* (1985) considered it specifically distinct from *dinganii* and *borbonicus*.

Common names:

English: Robust yellow bat. French: Chauve-souris domestique malgache, Scotophile robuste.

Conservation status:

Global- LR/nt ver 2.3 (1994).

General distribution:

N Madagascar (Russ *et al.*, 2001).

Distribution based on voucher specimens:

Madagascar.

Scotophilus tandrefana Goodman, Jenkins and Rattrimomanarivo, 2005

- *2005. *Scotophilus tandrefana* Goodman, Jenkins and Rattrimomanarivo, Zoosystema, 27 (5): 875. Type locality: Madagascar: Mahajanga province, just outside the limit of the Parc national de Bemaraha, 1.8 km SE Bekopake and 0.6 km NE Andadoany [19 08 S 44 49 E, 50 m]? Type specimen UADBA 46923 (ad M, Coll. R.K.B. Jenkins and F.H. Rattrimomanarivo, collection date 27 July 2003, original number RB 161).

Taxonomy:

See Goodman *et al.* (2005).

Common names:

None known.

Etymology of name:

From the Malagasy meaning "from the west" (see Goodman *et al.*, 2005: 875).

Conservation status:

Global- Not assessed (IUCN 2004).

General distribution:

Known from three localities in western Madagascar.

Distribution based on voucher specimens:

Madagascar.



Figure 231. Distribution of *Scotophilus tandrefana*

Scotophilus viridis (Peters, 1852)

- *1852. *Nycticejus viridis* Peters, Naturw. Reise Mossamb., Säugethiere, p. 67, pl. 17, fig. 2, a-e. Type locality: Mozambique: Mozambique Island [15 S 40 42 E]. - Publication date: 1852.
1899. *Scotophilus nigrnellus* de Winton, Ann. Mag. Nat. Hist., ser. 7, 4 (23): 355. Type locality: Ghana: Gambaga [10 32 N 00 26 W]. Type specimen: BMNH 1899.6.15.9 (Holotype). Publication date: 1 November 1899.
- ? *Scotophilus leucogaster nigrnellus*: Name combination.
- ? *Scotophilus viridis*: Name combination.

Taxonomy:

Included in *leucogaster* by Hayman and Hill (1971: 50), but see Koopman (1975: 414 - 416) and Schlitter *et al.* (1980). Includes *nigrnellus*, see Robbins *et al.* (1985). Included *damarensis*, but see Robbins *et al.* (1985).

Echolocation:

See Taylor (1999).

Molecular biology:

DNA - See Hooper and Van Den Bussche (2003) for the results of a specimen from Tanzania.
Karyotype - See discussion in generic account.
Protein / allozyme - Unknown.



Figure 232. *Scotophilus viridis*

Common names:

Afrikaans: Klein geel dakvlermuis. English: Green House Bat, Greenish Yellow Bat, Lesser Yellow House Bat. French: Scotophile verdâtre, Petit scotophile africain. German: Grünliche Hausfledermaus.

Conservation status:

Global- LR/lc (Baillie and Groombridge 1996); LC ver 3.1 (2001) (IUCN 2004; Griffin 2004c).
Regional- South Africa- LC ver 3.1 (2001) (Friedmann and Daly 2004).

General distribution:

Senegal over Benin (Capo-Chichi *et al.*, 2004: 163) to Ethiopia south to Angola, Namibia, Botswana, Zambia, Zimbabwe (Cotterill, 2004: 262), Malawi (Ansell and Dowsett, 1988: 38) and South Africa.



Figure 233. Distribution of *Scotophilus viridis*

Distribution based on voucher specimens:

Cameroon, Central African Republic, Cote D'Ivoire, Ethiopia, Ghana, Kenya, Mali, Mozambique, Nigeria, Senegal, South Africa, Sudan, Swaziland, Tanzania, The Gambia, Togo, Uganda, Zambia, Zimbabwe.

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Glossary

The following abbreviations have been used:

<i>2n</i>	diploid number
<i>a.</i>	adjective
Art.,	Arts. Article, Articles of the Code
BA	total number of biarmed autosomal chromosomes
CR	Critically Endangered
DD	Data Deficient
e.g.	for example (Latin: <i>exempli gratia</i>)
EN	Endangered
EW	Extinct in the wild
EX	Extinct
FN	fundamental number of autosomal chromosome arms
ICZN	International Commission of Zoological Nomenclature
i.e.	that is (Latin: <i>id est</i>)
LC	Least Concern
<i>n.</i>	noun
NE	Not Evaluated
<i>neut.</i>	Neuter
NT	Near Threatened
<i>pl.</i>	plural
<i>q.v.</i>	which see (Latin: <i>quod vide</i>)
RE	Regionally Extinct
<i>sing.</i>	Singular
<i>v.</i>	verb
VU	Vulnerable
X	female sex chromosome
Y	male sex chromosome

The glossary follows the definitions from:

International Commission on Zoological Nomenclature. (1999). *International Code of Zoological Nomenclature*. 4th edition. The International Trust for Zoological Nomenclature, London.

IUCN. (2001). *IUCN Red List Categories and Criteria: Version 3.1*. IUCN Species Survival Commission. IUCN, Gland, Switzerland and Cambridge, UK. ii + 30 pp.

IUCN. (2003). *Guidelines for Application of IUCN Red List Criteria at Regional Levels: Version 3.0*. IUCN Species Survival Commission. IUCN, Gland, Switzerland and Cambridge, UK. ii + 26 pp.

allotype *n.* See under type.

Articles *n.* The mandatory provisions of the ICZN

available name A scientific name applied to an animal taxon that is not excluded under Article 1.3 and that conforms to the provisions of Articles 10 to 20.

Code *n.* (1) An abbreviation of the title International Code of Zoological Nomenclature

conserved name A name otherwise unavailable or invalid that the Commission, by the use of its plenary power, has enabled to be used as a valid name by removal of the known obstacles to such use (see conserve).

cotype *n.* See under type.

Critically Endangered (CR) A taxon is Critically Endangered when the best available evidence indicates that it meets any of the criteria A to E for Critically Endangered (see Section V), and it is therefore considered to be facing an extremely high risk in the wild.

Data Deficient (DD) A taxon is Data Deficient when there is inadequate information to make a direct, or indirect, assessment of its risk of extinction based on its distribution and/or population status. A taxon in this category may be well studied, and its biology well known, but appropriate data on abundance and/or distribution are lacking. Data Deficient is therefore not a category of threat. Listing of taxa in this category indicates that more information is required and acknowledges the possibility that future research will show that threatened classification is appropriate. It is important to make positive use of whatever data are available. In many cases great care should be exercised in choosing between DD and a threatened status. If the range of a taxon is suspected to be relatively circumscribed, and a considerable period of time has

elapsed since the last record of the taxon, threatened status may well be justified.

Date of publication *n.* Of a work (and of a contained name and nomenclatural act): the date on which copies of the work become available by purchase or free distribution. If the actual date is not known, the date to be adopted is regulated by the provisions of Article 21.2-7.

description *n.* A statement in words of taxonomic characters of a specimen or a taxon [Arts. 12,13].

original description The description of a nominal taxon when it is established.

Endangered (EN) A taxon is Endangered when the best available evidence indicates that it meets any of the criteria A to E for Endangered (see Section V), and it is therefore considered to be facing a very high risk of extinction in the wild.

extant *a.* (1) Of a taxon: having living representatives. (2) Of specimen: still in existence.

Extinct (EX) *a.* Of a taxon: having no living representatives. IUCN - A taxon is Extinct when there is no reasonable doubt that the last individual has died. A taxon is presumed Extinct when exhaustive surveys in known and/or expected habitat, at appropriate times (diurnal, seasonal, annual) throughout its historic range have failed to record an individual. Surveys should be over a time frame appropriate to the taxon's life cycle and life form (IUCN 2001).

Extinct in the Wild (EW) *a.* A taxon is extinct in the Wild when it is known only to survive in captivity or as a naturalized population (or populations) well outside the past range. A taxon is presumed Extinct in the Wild when exhaustive surveys in known and/or expected habitat, at appropriate times (diurnal, seasonal, annual), throughout its historic range have failed to record an individual. Surveys should be over a time frame appropriate to a taxon's life cycle and life form.

homonym *n.* (1) In the family group: each of two or more available names having the same spelling, or differing only in suffix, and denoting different nominal taxa. (2) In the genus group: each of two or more names having the same spelling, and denoting different nominal taxa. (3) In the species group: each of two or more available specific or subspecific names having the same spelling, or spellings, or spellings deemed under Article 58 to be the same, and established for different nominal taxa, and either originally (primary homonymy) or subsequently (secondary homonymy) combined with the same generic name [Art. 53.3].

homonymy *n.* (1) The relationship between homonyms. (2) The state of being homonymous.

junior homonym Of two homonyms: the latter established, or in the case of simultaneous establishment to one not given precedence under Article 24.

lapsus calami (*sing.* and *pl.*), *n.* A Latin term meaning "slip (or slips) of the pen", i.e. an error (or errors) made by an author in writing a text, such as a misspelling of a name; contrasted with copyist's or printer's errors [Art. 32.5.1].

Least Concern (LC) A taxon is Least Concern when it has been evaluated against the criteria and does not qualify for Critically Endangered, Endangered, Vulnerable or Near Threatened. Widespread and abundant taxa are included in this category.

monotypy *n.* The situation arising (1) when an author establishes a nominal genus or subgenus for what he or she considers to be a single taxonomic species and denotes that species by an available name (the nominal species so named is the type-species by monotypy) [Art. 68.3]; or (2) when an author bases a nominal species-group taxon on a single specimen but does not explicitly designate it as holotype (holotype by monotypy; see Article 73.1.2).

multiple original spelling See under spelling.

Near Threatened (NT) A taxon is Near Threatened when it has been evaluated against the criteria but does not qualify for Critically Endangered, Endangered or Vulnerable now, but is close to qualifying for or is likely to qualify for a threatened category in the near future.

new replacement name (*nomen novum*) A name established expressly to replace an already established name. A nominal taxon denoted by a new replacement name (*nomen novum*) has the same name-bearing type as the nominal taxon denoted by the replaced name [Arts. 67.8, 72.7]. See emendation, substitute name.

***nomen dubium* (*pl. nomina dubia*)** *n.* A Latin term meaning "a name of unknown or doubtful application."

nomen novum (pl. nomina nova) *n.* A Latin term equivalent to new replacement name.

nomen nudum (pl. nomina nuda) *n.* A Latin term referring to a name that, if published before 1931, fails to conform to Article 12; or, if published after 1930, fails to conform to Article 13. A *nomen nudum* is not an available name, and therefore the same name may be made available later for the same or a different concept; in such a case it would take authorship and date [Arts. 50, 21] from that act of establishment, not from any earlier publication as a *nomen nudum*.

nomen oblitum (pl. nomina oblita) *n.* A Latin term (meaning forgotten name) applied after 1 January 2000 to a name, unused since 1899, which as a result of an action taken under Article 23.9.2 does not take precedence over a younger synonym or homonym in prevailing usage; the younger name which takes precedence over the *nomen oblitum* may be called a *nomen protectum (q.v.)*. The term *nomen oblitum* was also applied to a disused senior synonym rejected between 6 November 1961 and 1 January 1973 under Article 23b of the Code editions then in force (see Article 23.12.2). *Nomina oblita* remain available names; see Articles 23.9 and 23.12 for conditions controlling their use as valid names.

nomen protectum *n.* A Latin term (meaning protected name) applied to a name which has been given precedence over its unused senior synonym or senior homonym relegated to the status of *nomen oblitum (q.v.)*, and see Article 23.9.2).

Not Evaluated (NE) A taxon is Not Evaluated when it has not yet been evaluated against the criteria.

primary homonym Each of two or more identical specific or subspecific names established for different nominal taxa and originally combined with the same generic name [Art. 57.2]. For variant spellings deemed to be identical see Article 58.

Regionally Extinct (RE) Category for a taxon when there is no reasonable doubt that the last individual potentially capable of reproduction within the region has died or has disappeared from the wild in the region, or when, if it is a former visiting taxon, the last individual has died or disappeared in the wild from the region. The setting of any time limit for listing under RE is left to the discretion of the regional Red List authority, but should not normally pre-date 1500 AD.

rejected name (1) A name which, under the provisions of the Code, cannot be used as a valid name and which is set aside in favour of another name. (2) A name which, as a matter of taxonomic judgment, is either treated as a junior subjective synonym (*q.v.*) of a name used as valid or is believed not to be applicable to the taxon under consideration.

senior homonym Of two homonyms: the first established, or in the case of simultaneous establishment the one given precedence under Article 24.

Sensu lato (s. lat. or s.l.) A Latin term meaning "in the wide sense". Contrast with *sensu stricto (s. str.)*.

Sensu stricto (s. str. or s.s.) A Latin term meaning "in the strict sense". Often used in conjunction with a name when referring to the nominal taxon in the narrow sense of its subordinate nominotypical taxon (contrast with *sensu lato (s. lat.)*).

sensu A Latin term meaning "in the sense of". Often used to refer to the usage of a name by a (cited) author in a sense different from that of the original author or some other previous author. See also *auctorum*.

species (sing. and pl.) *n.* (1) The rank next below the genus group; the basic rank of zoological classification. (2) A taxon at the rank of species.

species group *n.* In the zoological classification, the lowest-ranking group of taxa the names of which are regulated by the Code. The species group includes all taxa at the ranks of species and subspecies [Art. 45.1].

species inquirenda (pl. species inquirendae) *n.* A Latin term meaning a species of doubtful identity needing further investigation.

specimen *n.* An example of an animal, or a fossil or work of an animal, or of a part of these. See Article 72.5 for the kinds of specimen eligible to be name-bearing types of nominal species-group nominal taxa.

spelling

subsequent monotypy The situation arising when a nominal genus or subgenus was established before 1931 without any included nominal species, and when only a single taxonomic species denoted by an available name was first subsequently referred to it [Art. 69.3].

suppression, *n.* (suppress, *v.*) A ruling by the Commission, using its plenary power, (1) that a work is to be deemed, for nomenclature purposes, as unpublished, or that names and acts in it are not available; or (2) that an available name is never to be used as valid because (a) it is available only for the purpose of homonymy ("partial suppression") or (b) it is not available for the purposes of priority and homonymy ("total suppression"; but a totally suppressed species-group name may still denote the type species of a nominal genus or subgenus [Art. 81.2.1]); or (3) that an available name is only to be used as valid under stated conditions (e.g. when not considered a synonym of a particular later name) ("conditional suppression").

synonym *n.* Each of two or more names of the same rank used to denote the same taxonomic taxon.

junior synonym Of two synonyms: the later established, or in the case of simultaneous establishment that not given precedence under Article 24. See also Article 23.9.

objective synonym Each of two or more synonyms that denote nominal taxa with the same name-bearing type, or (in the cases of family-group and genus-group taxa) that denote nominal taxa with name-bearing types whose own names are themselves objectively synonymous.

senior synonym Of two synonyms: the earlier established, or in the case of simultaneous establishment that given precedence under Article 24. See also Article 23.9.

subjective synonym Each of two or more names whose synonymy is only a matter of individual opinion. i.e. it is not objective. See also Article 61.3.1.

synonymy *n.* (1) The relationship between synonyms. (2) A list of synonyms.

syntype *n.* See under type.

taxon, (*pl.* taxa) *n.* A taxonomic unit, whether named or not: i.e. a population, or group of populations of organisms which are usually inferred to be phylogenetically related and which have characters in common which differentiate (*q.v.*) the unit (e.g. a geographic population, a genus, a family, an order) from other such units. A taxon encompasses all included taxa of lower rank (*q.v.*) and individual organisms. The Code fully regulates the names of taxa only between and including the ranks of superfamily and subspecies. (2) A species or infraspecific entity whose extinction risk is being assessed.

taxonomic information

taxonomy, *n.* (taxonomic, *a.*) The theory and practice of classifying organisms. See taxonomic information, taxonomic taxon.

topotype See under type.

type *n.* A term used alone, or forming part of a compound term, to denote a particular kind of specimen or taxon.

allotype A term, not regulated by the Code, for a designated specimen of opposite sex to the holotype [Recommendation 72A].

cotype A term not recognized by the Code, formerly used for either syntype or paratype, but that should not now be used in zoological nomenclature [Recommendation 73E].

genotype A term not recognized by the Code, formerly used for type species, but that should not now be used in zoological nomenclature [Recommendation 67A].

holotype The single specimen designated or otherwise fixed as the name-bearing type of a nominal species or subspecies when the nominal taxon is established.

lectotype A syntype designated as the single name-bearing type specimen subsequent to the establishment of a nominal species or subspecies [Art. 74].

name-bearing type The type genus, type species, holotype, lectotype, series of syntypes (which together constitute the name-bearing type) or neotype that provides the objective standard of reference whereby the application of the name of a nominal taxon can be determined.

neotype The single specimen designated as the name-bearing of a nominal species or subspecies when there is a need to define the nominal taxon objectively and no name-bearing type is believed to be extant. If stability and universality are threatened, because an existing name-bearing type is either taxonomically

inadequate or not in accord with the prevailing usage of a name, the Commission may use its plenary power to set aside that type and designate a neotype.

paralectotype Each specimen of a former syntype series remaining after the designation of a lectotype [Art. 721.3, Recommendation 74F].

paratype Each specimen of a type series other than the holotype [Recommendation 73D].

syntype Each specimen of a type series (*q.v.*) from which neither a holotype nor lectotype has been designated [Arts. 72.1.2, 73.2, 74]. The syntypes collectively constitute the name-bearing type.

topotype, *n.* (topotypic, *a.*) A term, not regulated by the Code, for a specimen originating from the type locality of the species or subspecies to which it is thought to belong, whether or not the specimen is part of the type series.

type genus *n.* The nominal genus that is the name-bearing type of a nominal family-group taxon.

type host *n.* The host species with which the name-bearing type of a nominal species or subspecies was associated [Recommendation 76A.1].

type locality *n.* The geographical place of capture, collection, or observation of the name-bearing type of a nominal species or subspecies [Art. 76.1, Recommendation 76A].

type series *n.* The series of specimens, defined in Articles 72.4 and 73.2, on which the original author bases a new nominal species-group taxon. In the absence of a holotype designation, any such specimen is eligible for subsequent designation as the name-bearing type (lectotype); pending lectotype designation, all the specimens of the type series are syntypes and collectively they constitute the name-bearing type. Excluded from the type series are any specimens that the original author expressly excludes or refers to as distinct variants, or doubtfully includes in the taxon.

type species *n.* The nominal species that is the name-bearing type of a nominal genus or subgenus.

type specimen A term used in previous editions of the Code for a holotype, lectotype or neotype, or for any syntype; also used generally for any specimen of the type series (*q.v.*).

Vagrant A taxon that is currently found only occasionally within the boundaries of a region.

Visitor (also, visiting taxon) A taxon that does not reproduce within a region but regularly occurs within its boundaries either now or during some period of the last century. Regions have several options on how to decide the boundaries between visitors and vagrants, e.g., using a preset percentage of the global population found in the region or predictability of occurrence.

Vulnerable (VU) A taxon is Vulnerable when the best available evidence indicates that it meets any of the criteria A to E for Vulnerable (see Section V), and it is therefore considered to be facing a high risk of extinction in the wild.

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Appendices

Appendix 1: Current Taxonomy

A taxonomical overview of the taxa covered in this report. The order in which these taxa are presented is alphabetically sorted on the hierarchical categories from high (order) to low (subspecies).

The "Taxis_id" field contains the number used for the taxon in the African Chiroptera Database, and is included for reference with the database.

Category, Name and Author	Taxis_id
Order CHIROPTERA Blumenbach, 1779	242
Suborder PTEROPODIFORMI	243
Infraorder PTEROPODIFORMACEI	505
Superfamily PTEROPODOIDEA	508
Family PTEROPODIDAE Bonaparte, 1838	244
Subfamily MACROGLOSSINAE Gray, 1866	417
Genus <i>Megaloglossus</i> Pagenstecher, 1885	399
Species <i>Megaloglossus woermanni</i> Pagenstecher, 1885	400
Subfamily PTEROPODINAE Gray, 1821	416
Genus <i>Casinycteris</i> Thomas, 1910	170
Species <i>Casinycteris argynnis</i> Thomas, 1910	171
Genus <i>Eidolon</i> Rafinesque, 1815	85
Species <i>Eidolon dupreanum</i> (Schegel, 1867)	185
Species <i>Eidolon helvum</i> (Kerr, 1792)	99
Subspecies <i>Eidolon helvum helvum</i> (Kerr, 1792)	183
Genus <i>Epomophorus</i> Bennett, 1836	83
Species <i>Epomophorus angolensis</i> Gray, 1870	97
Species <i>Epomophorus anelli</i> Bergmans and Van Strien, 2004	476
Species <i>Epomophorus gambianus</i> (Ogilby, 1835)	95
Subspecies <i>Epomophorus gambianus crypturus</i> Peters, 1852	96
Subspecies <i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)	186
Subspecies <i>Epomophorus gambianus pousarguesi</i> Trouessart, 1904	152
Species <i>Epomophorus grandis</i> (Sanborn, 1950)	155
Species <i>Epomophorus labiatus</i> (Temminck, 1837)	153
Subspecies <i>Epomophorus labiatus minor</i> Dobson, 1880	154
Species <i>Epomophorus minimus</i> Claessen & De Vree, 1991	401
Species <i>Epomophorus wahlbergi</i> (Sundevall, 1846)	94
Genus <i>Epomops</i> Gray, 1866	84
Species <i>Epomops buettikoferi</i> (Matschie, 1899)	160
Species <i>Epomops dobsonii</i> (Bocage, 1889)	98
Species <i>Epomops franqueti</i> (Tomes, 1860)	159
Genus <i>Hypsignathus</i> H. Allen, 1862	161
Species <i>Hypsignathus monstrosus</i> H. Allen, 1862	162
Genus <i>Lissonycteris</i> K. Andersen, 1912	199
Species <i>Lissonycteris angolensis</i> (Bocage, 1898)	101
Subspecies <i>Lissonycteris angolensis angolensis</i> (Bocage, 1898)	287
Subspecies <i>Lissonycteris angolensis ruwenzorii</i> (Eisentraut, 1965)	289
Species <i>Lissonycteris goliath</i> Bergmans, 1997	200
Species <i>Lissonycteris petraea</i> Bergmans, 1997	290
Species <i>Lissonycteris smithii</i> (Thomas, 1908)	288
Genus <i>Micropteropus</i> Matschie, 1899	156
Species <i>Micropteropus intermedius</i> Hayman, 1963	158
Species <i>Micropteropus pusillus</i> (Peters, 1868)	157
Genus <i>Myonycteris</i> Matschie, 1899	201
Subgenus <i>Myonycteris (Myonycteris)</i> Matschie, 1899	418
Species <i>Myonycteris (Myonycteris) brachyptera</i>	421
Species <i>Myonycteris (Myonycteris) relicta</i> Bergmans, 1980	202
Species <i>Myonycteris (Myonycteris) torquata</i> (Dobson, 1878)	422
Subspecies <i>Myonycteris (Myonycteris) torquata leptodon</i> K. Andersen, 1908	423
Subspecies <i>Myonycteris (Myonycteris) torquata torquata</i> (Dobson, 1878)	424
Subspecies <i>Myonycteris (Myonycteris) torquata wroughtoni</i> K. Andersen, 1908	425
Subgenus <i>Myonycteris (Phygetis)</i> K. Andersen, 1912	419
Species <i>Myonycteris (Phygetis) brachycephala</i> (Bocage, 1889)	420
Genus <i>Nanonycteris</i> Matschie, 1899	163
Species <i>Nanonycteris veldkampii</i> (Jentink, 1888)	164
Genus <i>Plerotes</i> K. Andersen, 1910	165
Species <i>Plerotes anchietae</i> (de Seabra, 1900)	166

Category, Name and Author	Taxis_id
Genus <i>Pteropus</i> Erxleben, 1777	172
Species <i>Pteropus aldabrensis</i> True, 1893	181
Species <i>Pteropus livingstonii</i> Gray, 1866	176
Species <i>Pteropus niger</i> (Kerr, 1792)	173
Species <i>Pteropus rodricensis</i> Dobson, 1878	177
Species <i>Pteropus rufus</i> E. Geoffroy St.-Hilaire, 1803	175
Species <i>Pteropus seychellensis</i> A. Milne-Edwards, 1877	178
Species <i>Pteropus subniger</i> (Kerr, 1792)	174
Species <i>Pteropus voeltzkowi</i> Matschie, 1909	182
Genus <i>Rousettus</i> Gray, 1821	86
Species <i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)	100
Species <i>Rousettus lanosus</i> Thomas, 1906	426
Species <i>Rousettus madagascariensis</i> G. Grandidier, 1929	473
Species <i>Rousettus obliviosus</i> Kock, 1978	474
Genus <i>Scotonycteris</i> Matschie, 1894	167
Species <i>Scotonycteris ophiodon</i> Pohle, 1943	169
Species <i>Scotonycteris zenkeri</i> Matschie, 1894	168
Infraorder RHINOLOPHIFORMACEI	259
Superfamily RHINOLOPHOIDEA	261
Family HIPPOSIDERIDAE Lydekker, 1891	251
Subfamily Hipposiderinae Lydekker, 1891	514
Genus <i>Asellia</i> Gray, 1838	310
Species <i>Asellia patrizii</i> de Beaux, 1931	312
Species <i>Asellia tridens</i> (E. Geoffroy St.-Hilaire, 1813)	311
Genus <i>Cloeotis</i> Thomas, 1901	195
Species <i>Cloeotis percivali</i> Thomas, 1901	196
Genus <i>Hipposideros</i> Gray, 1831	91
Species <i>Hipposideros abae</i> J.A. Allen, 1917	309
Species <i>Hipposideros beatus</i> (K. Andersen, 1906)	306
Species <i>Hipposideros caffer</i> (Sundevall, 1846)	122
Species <i>Hipposideros camerunensis</i> Eisentraut, 1956	308
Species <i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)	121
Species <i>Hipposideros curtus</i> G.M. Allen, 1921	302
Species <i>Hipposideros cyclops</i> (Temminck, 1853)	307
Species <i>Hipposideros fuliginosus</i> (Temminck, 1853)	303
Species <i>Hipposideros jonesi</i> Hayman, 1947	300
Species <i>Hipposideros lamottei</i> Brosset, 1985	305
Species <i>Hipposideros marisae</i> Aellen, 1954	301
Species <i>Hipposideros megalotis</i> (Heuglin, 1861)	299
Species <i>Hipposideros ruber</i> (Noack, 1893)	304
Genus <i>Triaenops</i> Dobson, 1871	93
Species <i>Triaenops auritus</i> G. Grandidier, 1912	447
Species <i>Triaenops furculus</i> Trouessart, 1906	313
Species <i>Triaenops persicus</i> Dobson, 1871	124
Species <i>Triaenops rufus</i> Milne-Edwards, 1881	448
Family MEGADERMATIDAE H. Allen, 1864	403
Genus <i>Cardioderma</i> Peters, 1873	431
Species <i>Cardioderma cor</i> (Peters, 1872)	432
Genus <i>Lavia</i> Gray, 1838	404
Species <i>Lavia frons</i> (E. Geoffroy St.-Hilaire, 1810)	405
Family RHINOLOPHIDAE Gray, 1825	249
Subfamily Rhinolophinae Gray, 1825	250
Genus <i>Rhinolophus</i> Lacépède, 1799	90
Species <i>Rhinolophus adami</i> Aellen and Brosset, 1968	433
Species <i>Rhinolophus alcyone</i> Temminck, 1853	434
Species <i>Rhinolophus blasii</i> Peters, 1867	116
Species <i>Rhinolophus capensis</i> Lichtenstein, 1823	117
Species <i>Rhinolophus clivosus</i> Cretzschmar, 1828	113
Species <i>Rhinolophus darlingi</i> K. Andersen, 1905	114
Species <i>Rhinolophus deckenii</i> Peters, 1867	435
Species <i>Rhinolophus denti</i> Thomas, 1904	119
Species <i>Rhinolophus eloquens</i> K. Andersen, 1905	436
Species <i>Rhinolophus euryale</i> Blasius, 1853	446
Species <i>Rhinolophus ferrumequinum</i> (Schreber, 1774)	437
Species <i>Rhinolophus fumigatus</i> Rüppell, 1842	112
Species <i>Rhinolophus guineensis</i> Eisentraut, 1960	513
Species <i>Rhinolophus hildebrandtii</i> Peters, 1878	111
Species <i>Rhinolophus hillorum</i> Koopman, 1989	438
Species <i>Rhinolophus hipposideros</i> (Bechstein, 1800)	439
Species <i>Rhinolophus landeri</i> Martin, 1838	115
Species <i>Rhinolophus maclaudi</i> Pousargues, 1897	440
Species <i>Rhinolophus maendeleo</i> Kock, Csorba and Howell, 2000	441
Species <i>Rhinolophus mehelyi</i> Matschie, 1901	442
Species <i>Rhinolophus ruwenzorii</i> J. Eric Hill, 1942	443

Category, Name and Author	Taxis_id
Species <i>Rhinolophus sakejensis</i> Cotterill, 2002	498
Species <i>Rhinolophus silvestris</i> Aellen, 1959	444
Species <i>Rhinolophus simulator</i> K. Andersen, 1904	118
Species <i>Rhinolophus swinnyi</i> Gough, 1908	120
Species <i>Rhinolophus ziama</i> Fahr, Vierhaus, Hutterer and Kock, 2002	445
Superfamily RHINOPOMATOIDEA	260
Family RHINOPOMATIDAE Dobson, 1872	477
Genus <i>Rhinopoma</i> E. Geoffroy St.-Hilaire, 1818	333
Species <i>Rhinopoma hardwickii</i> Gray, 1831	335
Species <i>Rhinopoma macinnesi</i> Hayman, 1937	412
Species <i>Rhinopoma microphyllum</i> (Brünnich, 1782)	334
Suborder VESPERTILIONIFORMI	245
Infraorder NOCTILIONIFORMACEI	509
Superfamily NOCTILIONOIDEA	510
Family MYZOPODIDAE Thomas, 1904	478
Genus <i>Myzopoda</i> Milne-Edwards and A. Grandidier, 1878	479
Species <i>Myzopoda aurita</i> Milne-Edwards and A. Grandidier, 1878	480
Species <i>Myzopoda schliemanni</i> Goodman, Rakotondraparany and Kofoky, 2007	512
Infraorder NYCTERIFORMACEI	257
Superfamily NYCTEROIDEA	258
Family EMBALLONURIDAE Gervais, 1855	252
Genus <i>Coleura</i> Peters, 1867	88
Species <i>Coleura afra</i> (Peters, 1852)	104
Species <i>Coleura seychellensis</i> Peters, 1868	298
Genus <i>Emballonura</i> Temminck, 1838	296
Species <i>Emballonura atrata</i> Peters, 1874	297
Species <i>Emballonura tiavato</i> Goodman, Cardiff, Ranivo, Russell, and Yoder, 2006	500
Genus <i>Saccolaimus</i> Temminck, 1838	294
Species <i>Saccolaimus peli</i> (Temminck, 1853)	295
Genus <i>Taphozous</i> E. Geoffroy St.-Hilaire, 1818	87
Species <i>Taphozous hamiltoni</i> Thomas, 1920	292
Species <i>Taphozous hildegardeae</i> Thomas, 1909	291
Species <i>Taphozous mauritanus</i> E. Geoffroy St.-Hilaire, 1818	102
Species <i>Taphozous nudiventris</i> Cretzschmar, 1830	293
Species <i>Taphozous perforatus</i> E. Geoffroy St.-Hilaire, 1818	103
Subspecies <i>Taphozous perforatus perforatus</i> E. Geoffroy St.-Hilaire, 1818	187
Subspecies <i>Taphozous perforatus sudani</i> Thomas, 1915	188
Family NYCTERIDAE Van der Hoeven, 1855	248
Genus <i>Nycteris</i> G. Cuvier and E. Geoffroy, 1795	89
Species <i>Nycteris arge</i> Thomas, 1903	395
Species <i>Nycteris aurita</i> (K. Andersen, 1912)	415
Species <i>Nycteris gambiensis</i> (K. Andersen, 1912)	398
Species <i>Nycteris grandis</i> Peters, 1865	106
Species <i>Nycteris hispida</i> (Schreber, 1774)	105
Species <i>Nycteris intermedia</i> Aellen, 1959	414
Species <i>Nycteris macrotis</i> Dobson, 1876	108
Species <i>Nycteris madagascariensis</i> G. Grandidier, 1937	429
Species <i>Nycteris major</i> (K. Andersen, 1912)	397
Species <i>Nycteris nana</i> (K. Andersen, 1912)	396
Species <i>Nycteris parisii</i> (de Beaux, 1923)	430
Species <i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818	109
Species <i>Nycteris vinsoni</i> Dalquest, 1965	110
Species <i>Nycteris woodi</i> K. Andersen, 1914	107
Infraorder VESPERTILIONIFORMACEI	262
Superfamily MOLOSSOIDEA Simmons, 1998	265
Family MOLOSSIDAE Gervais, 1856	246
Subfamily Molossinae Gervais, 1856	267
Genus <i>Chaerephon</i> Dobson, 1874	204
Species <i>Chaerephon aloysiisabaudiae</i> (Festa, 1907)	322
Species <i>Chaerephon ansorgei</i> (Thomas, 1913)	145
Species <i>Chaerephon bemmellini</i> (Jentink, 1879)	320
Species <i>Chaerephon bivittatus</i> (Heuglin, 1861)	144
Species <i>Chaerephon chapini</i> J.A. Allen, 1917	147
Species <i>Chaerephon gallagheri</i> (Harrison, 1975)	323
Species <i>Chaerephon jobimena</i> Goodman and Cardiff, 2004	503
Species <i>Chaerephon leucogaster</i> (A. Grandidier, 1869)	467
Species <i>Chaerephon major</i> (Trouessart, 1897)	211
Species <i>Chaerephon nigeriae</i> Thomas, 1913	146
Subspecies <i>Chaerephon nigeriae nigeriae</i> Thomas, 1913	212
Subspecies <i>Chaerephon nigeriae spillmanni</i> (Monard, 1933)	213
Species <i>Chaerephon pumilus</i> (Cretzschmar, 1826)	148
Species <i>Chaerephon russatus</i> J.A. Allen, 1917	321
Species <i>Chaerephon tomensis</i> (Juste and Ibáñez, 1993)	468
Genus <i>Mops</i> Lesson, 1842	203

Category, Name and Author	Taxis_id
Subgenus <i>Mops</i> (<i>Mops</i>) Lesson, 1842	484
Species <i>Mops</i> (<i>Mops</i>) <i>condylurus</i> (A. Smith, 1833)	150
Species <i>Mops</i> (<i>Mops</i>) <i>congicus</i> J.A. Allen, 1917	332
Species <i>Mops</i> (<i>Mops</i>) <i>demonstrator</i> (Thomas, 1903)	330
Species <i>Mops</i> (<i>Mops</i>) <i>leucostigma</i> (G.M. Allen, 1918)	469
Species <i>Mops</i> (<i>Mops</i>) <i>midas</i> (Sundevall, 1843)	149
Subspecies <i>Mops</i> (<i>Mops</i>) <i>midas miarensis</i> (A. Grandidier, 1869)	228
Subspecies <i>Mops</i> (<i>Mops</i>) <i>midas midas</i> (Sundevall, 1843)	227
Species <i>Mops</i> (<i>Mops</i>) <i>niangarae</i> J.A. Allen, 1917	470
Species <i>Mops</i> (<i>Mops</i>) <i>niveiventer</i> Cabrera and Ruxton, 1926	329
Species <i>Mops</i> (<i>Mops</i>) <i>trevori</i> J.A. Allen, 1917	331
Subgenus <i>Mops</i> (<i>Xiphonycteris</i>) Dollman, 1911	485
Species <i>Mops</i> (<i>Xiphonycteris</i>) <i>brachypterus</i> (Peters, 1852)	222
Species <i>Mops</i> (<i>Xiphonycteris</i>) <i>nanulus</i> J.A. Allen, 1917	325
Species <i>Mops</i> (<i>Xiphonycteris</i>) <i>petersoni</i> (El Rayah, 1981)	326
Species <i>Mops</i> (<i>Xiphonycteris</i>) <i>spurrelli</i> (Dollman, 1911)	324
Species <i>Mops</i> (<i>Xiphonycteris</i>) <i>thersites</i> (Thomas, 1903)	328
Genus <i>Mormopterus</i> Peters, 1865	81
Species <i>Mormopterus</i> <i>acetabulosus</i> (Hermann, 1804)	139
Subspecies <i>Mormopterus</i> <i>acetabulosus acetabulosus</i> (Hermann, 1804)	193
Subspecies <i>Mormopterus</i> <i>acetabulosus natalensis</i> (A. Smith, 1847)	194
Species <i>Mormopterus</i> <i>jugularis</i> (Peters, 1865)	314
Genus <i>Myopterus</i> E. Geoffroy St.-Hilaire, 1818	315
Species <i>Myopterus</i> <i>daubentonii</i> Desmarest, 1820	318
Species <i>Myopterus</i> <i>whitleyi</i> (Scharff, 1900)	316
Genus <i>Otomops</i> Thomas, 1913	79
Species <i>Otomops</i> <i>madagascariensis</i> Dorst, 1953	235
Species <i>Otomops</i> <i>martiensseni</i> (Matschie, 1897)	137
Subspecies <i>Otomops</i> <i>martiensseni icarus</i> Chubb, 1917	234
Subspecies <i>Otomops</i> <i>martiensseni martiensseni</i> (Matschie, 1897)	233
Genus <i>Platymops</i> Thomas, 1906	229
Species <i>Platymops</i> <i>setiger</i> (Peters, 1878)	230
Subspecies <i>Platymops</i> <i>setiger macmillani</i> Thomas, 1906	232
Subspecies <i>Platymops</i> <i>setiger setiger</i> (Peters, 1878)	231
Genus <i>Sauromys</i> Roberts, 1917	80
Species <i>Sauromys</i> <i>petrophilus</i> (Roberts, 1917)	138
Subspecies <i>Sauromys</i> <i>petrophilus erongensis</i> (Roberts, 1946)	192
Subspecies <i>Sauromys</i> <i>petrophilus haagneri</i> (Roberts, 1917)	189
Subspecies <i>Sauromys</i> <i>petrophilus petrophilus</i> (Roberts, 1917)	190
Subspecies <i>Sauromys</i> <i>petrophilus umbratus</i> (Shortridge & Carter, 1938)	191
Genus <i>Tadarida</i> Rafinesque, 1814	82
Species <i>Tadarida</i> <i>aegyptiaca</i> (E. Geoffroy St.-Hilaire, 1818)	143
Subspecies <i>Tadarida</i> <i>aegyptiaca aegyptiaca</i> (E. Geoffroy St.-Hilaire, 1818)	236
Subspecies <i>Tadarida</i> <i>aegyptiaca bocagei</i> (Seabra, 1900)	237
Species <i>Tadarida</i> <i>fulminans</i> (Thomas, 1903)	142
Species <i>Tadarida</i> <i>lobata</i> (Thomas, 1891)	140
Species <i>Tadarida</i> <i>teniotis</i> (Rafinesque, 1814)	319
Species <i>Tadarida</i> <i>ventralis</i> (Heuglin, 1861)	141
Superfamily VESPERTILIONOIDEA Gray, 1821	268
Family MINIPTERIDAE Dobson, 1875	253
Genus <i>Miniopterus</i> Bonaparte, 1837	73
Species <i>Miniopterus</i> <i>africanus</i> Sanborn, 1936	463
Species <i>Miniopterus</i> <i>fraterculus</i> Thomas and Schwann, 1906	126
Species <i>Miniopterus</i> <i>gleni</i> Peterson, Eger and Mitchell, 1995	464
Species <i>Miniopterus</i> <i>inflatus</i> Thomas, 1903	125
Subspecies <i>Miniopterus</i> <i>inflatus inflatus</i> Thomas, 1903	276
Subspecies <i>Miniopterus</i> <i>inflatus rufus</i> Sanborn, 1936	277
Species <i>Miniopterus</i> <i>majori</i> Thomas, 1906	465
Species <i>Miniopterus</i> <i>manavi</i> Thomas, 1906	466
Species <i>Miniopterus</i> <i>minor</i> Peters, 1867	389
Species <i>Miniopterus</i> <i>natalensis</i> (A. Smith, 1833)	128
Species <i>Miniopterus</i> <i>schreibersii</i> (Kuhl, 1817)	127
Family VESPERTILIONIDAE Gray, 1821	247
Subfamily Kerivoulinae Miller, 1907	255
Genus <i>Kerivoula</i> Gray, 1842	78
Species <i>Kerivoula</i> <i>africana</i> Dobson, 1878	393
Species <i>Kerivoula</i> <i>argentata</i> Tomes, 1861	135
Species <i>Kerivoula</i> <i>cuprosa</i> Thomas, 1912	391
Species <i>Kerivoula</i> <i>eriophora</i> (Heuglin, 1877)	449
Species <i>Kerivoula</i> <i>lanosa</i> (A. Smith, 1847)	136
Species <i>Kerivoula</i> <i>phalaena</i> Thomas, 1912	392
Species <i>Kerivoula</i> <i>smithii</i> Thomas, 1880	390
Subfamily Myotinae Tate, 1942	256
Genus <i>Cistugo</i> Thomas, 1912	75

Category, Name and Author	Taxis_id
Species <i>Cistugo lesueuri</i> Roberts, 1919	131
Species <i>Cistugo seabrae</i> Thomas, 1912	130
Genus <i>Myotis</i> Kaup, 1829	74
Species <i>Myotis anjouanensis</i> (Dorst, 1960)	450
Species <i>Myotis blythii</i> (Tomes, 1857)	337
Species <i>Myotis bocagii</i> (Peters, 1870)	133
Subspecies <i>Myotis bocagii bocagii</i> (Peters, 1870)	279
Subspecies <i>Myotis bocagii cupreolus</i> Thomas, 1904	280
Species <i>Myotis capaccinii</i> (Bonaparte, 1837)	343
Species <i>Myotis dieteri</i> M. Happold, 2005	497
Species <i>Myotis emarginatus</i> (E. Geoffroy St.-Hilaire, 1806)	339
Species <i>Myotis goudoti</i> (A. Smith, 1834)	341
Species <i>Myotis morrisoni</i> Hill, 1971	340
Species <i>Myotis myotis</i> (Borkhausen, 1797)	451
Species <i>Myotis nattereri</i> (Kuhl, 1817)	338
Species <i>Myotis punicus</i> Felten, 1977	452
Species <i>Myotis scotti</i> Thomas, 1927	342
Species <i>Myotis tricolor</i> (Temminck, 1832)	132
Species <i>Myotis welwitschii</i> (Gray, 1866)	129
Subfamily Vespertilioninae Gray, 1821	254
Genus <i>Barbastella</i> Gray, 1821	384
Species <i>Barbastella barbastellus</i> (Schreber, 1774)	385
Genus <i>Eptesicus</i> Rafinesque, 1820	30
Species <i>Eptesicus bottae</i> (Peters, 1869)	368
Species <i>Eptesicus floweri</i> (de Winton, 1901)	370
Species <i>Eptesicus hottentotus</i> (A. Smith, 1833)	39
Species <i>Eptesicus platyops</i> (Thomas, 1901)	428
Species <i>Eptesicus serotinus</i> (Schreber, 1774)	369
Genus <i>Glauconycteris</i> Dobson, 1875	77
Species <i>Glauconycteris alboguttata</i> J.A. Allen, 1917	375
Species <i>Glauconycteris argentata</i> (Dobson, 1875)	372
Species <i>Glauconycteris beatrix</i> Thomas, 1901	376
Species <i>Glauconycteris curryae</i> Eger and Smith, 2001	454
Species <i>Glauconycteris egeria</i> Thomas, 1913	377
Species <i>Glauconycteris gleni</i> Peterson and Smith, 1973	371
Species <i>Glauconycteris humeralis</i> J.A. Allen, 1917	455
Species <i>Glauconycteris kenyacola</i> Peterson, 1982	378
Species <i>Glauconycteris machadoi</i> Hayman, 1963	456
Species <i>Glauconycteris poensis</i> (Gray, 1842)	374
Species <i>Glauconycteris superba</i> Hayman, 1939	373
Species <i>Glauconycteris variegata</i> (Tomes, 1861)	134
Genus <i>Hypsugo</i> Kolenati, 1856	34
Species <i>Hypsugo anchietae</i> (de Seabra, 1900)	43
Species <i>Hypsugo ariel</i> (Thomas, 1904)	354
Species <i>Hypsugo crassulus</i> (Thomas, 1904)	346
Species <i>Hypsugo eisentrauti</i> (Hill, 1968)	358
Species <i>Hypsugo musciculus</i> (Thomas, 1913)	356
Species <i>Hypsugo savii</i> (Bonaparte, 1837)	352
Genus <i>Laephotis</i> Thomas, 1901	31
Species <i>Laephotis angolensis</i> Monard, 1935	48
Species <i>Laephotis botswanae</i> Setzer, 1971	49
Species <i>Laephotis namibensis</i> Setzer, 1971	50
Species <i>Laephotis wintoni</i> Thomas, 1901	51
Genus <i>Mimetillus</i> Thomas, 1904	206
Species <i>Mimetillus moloneyi</i> (Thomas, 1891)	207
Species <i>Mimetillus thomasi</i> Hinton, 1920	457
Genus <i>Neoromicia</i> Roberts, 1926	35
Species <i>Neoromicia "incertae-sedis"</i>	496
Species <i>Neoromicia brunneus</i> (Thomas, 1880)	360
Species <i>Neoromicia capensis</i> (A. Smith, 1829)	53
Species <i>Neoromicia cf. melckorum</i> Roberts, 1919	54
Species <i>Neoromicia flavescens</i> (de Seabra, 1900)	362
Species <i>Neoromicia guineensis</i> (Bocage, 1889)	361
Species <i>Neoromicia helios</i> (Heller, 1912)	357
Species <i>Neoromicia humbloti</i> (A. Milne-Edwards, 1881)	492
Species <i>Neoromicia malagasyensis</i> (Peterson, Eger and Mitchell, 1995)	493
Species <i>Neoromicia matroka</i> (Thomas and Schwann, 1905)	411
Species <i>Neoromicia melckorum</i> (Roberts, 1919)	359
Species <i>Neoromicia rendalli</i> (Thomas, 1889)	58
Species <i>Neoromicia somalicus</i> (Thomas, 1901)	59
Species <i>Neoromicia tenuipinnis</i> (Peters, 1872)	363
Species <i>Neoromicia zuluensis</i> (Roberts, 1924)	61
Genus <i>Nyctalus</i> Bowdich, 1825	364
Species <i>Nyctalus azureum</i> (Thomas, 1901)	458

Category, Name and Author	Taxis_id
Species <i>Nyctalus lasiopterus</i> (Schreber, 1780)	367
Species <i>Nyctalus leisleri</i> (Kuhl, 1817)	365
Species <i>Nyctalus noctula</i> (Schreber, 1774)	366
Genus <i>Nycticeinops</i> Hill & Harrison, 1987	32
Species <i>Nycticeinops schlieffenii</i> (Peters, 1859)	62
Genus <i>Otonycteris</i> Peters, 1859	382
Species <i>Otonycteris hemprichii</i> Peters, 1859	383
Genus <i>Pipistrellus</i> Kaup, 1829	33
Species <i>Pipistrellus "incertae-sedis"</i>	495
Species <i>Pipistrellus aero</i> Heller, 1912	350
Species <i>Pipistrellus cf_ kuhlii</i> Volleth, Bronner, Göpfert, Heller, von Helversen and Yong, 2001	494
Species <i>Pipistrellus deserti</i> Thomas, 1902	410
Species <i>Pipistrellus hanaki</i> Hulva and Benda, 2004	501
Species <i>Pipistrellus hesperidus</i> (Temminck, 1840)	459
Subspecies <i>Pipistrellus hesperidus broomi</i> Roberts, 1948	482
Subspecies <i>Pipistrellus hesperidus hesperidus</i> (Temminck, 1840)	483
Subspecies <i>Pipistrellus hesperidus subtilis</i> (Sundevall, 1846)	481
Species <i>Pipistrellus inexpectatus</i> Aellen, 1959	351
Species <i>Pipistrellus kuhlii</i> (Kuhl, 1817)	63
Species <i>Pipistrellus maderensis</i> (Dobson, 1878)	348
Species <i>Pipistrellus nanulus</i> Thomas, 1904	347
Species <i>Pipistrellus nanus</i> (Peters, 1852)	57
Species <i>Pipistrellus permixtus</i> Aellen, 1957	345
Species <i>Pipistrellus pipistrellus</i> (Schreber, 1774)	344
Species <i>Pipistrellus raceyi</i> Bates, Ratrimomanarivo, Harrison and Goodman, 2006	504
Species <i>Pipistrellus rueppellii</i> (Fischer, 1829)	64
Subspecies <i>Pipistrellus rueppellii fuscipes</i> Thomas, 1913	490
Subspecies <i>Pipistrellus rueppellii pulcher</i> (Dobson, 1875)	489
Subspecies <i>Pipistrellus rueppellii rueppellii</i> (Fischer, 1829)	283
Subspecies <i>Pipistrellus rueppellii senegalensis</i> Dorst, 1960	488
Subspecies <i>Pipistrellus rueppellii vernayi</i> Roberts, 1932	284
Species <i>Pipistrellus rusticus</i> (Tomes, 1861)	65
Genus <i>Plecotus</i> E. Geoffroy St.-Hilaire, 1818	386
Species <i>Plecotus balensis</i> Kruskop & Lavrenchenko, 2000	461
Species <i>Plecotus christii</i> Gray, 1838	462
Species <i>Plecotus teneriffae</i> Barrett-Hamilton, 1907	387
Subspecies <i>Plecotus teneriffae gaisleri</i> Benda, Kiefer, Hanak & Veith, 2004	472
Subspecies <i>Plecotus teneriffae teneriffae</i> Barrett-Hamilton, 1907	471
Genus <i>Scotoecus</i> Thomas, 1901	36
Species <i>Scotoecus albigula</i> Thomas, 1909	269
Species <i>Scotoecus albofuscus</i> (Thomas, 1890)	66
Species <i>Scotoecus hindei</i> Thomas, 1901	215
Species <i>Scotoecus hirundo</i> (de Winton, 1899)	67
Genus <i>Scotophilus</i> Leach, 1821	37
Species <i>Scotophilus borbonicus</i> (E. Geoffroy St.-Hilaire, 1803)	68
Species <i>Scotophilus dinganii</i> (A. Smith, 1833)	69
Species <i>Scotophilus leucogaster</i> (Cretzschmar, 1826)	72
Species <i>Scotophilus marovaza</i> Goodman, Ratrimomanarivo and Randrianandrianina, 2006	502
Species <i>Scotophilus nigrita</i> (Schreber, 1774)	70
Species <i>Scotophilus nucella</i> Robbins, 1984	380
Species <i>Scotophilus nux</i> Thomas, 1904	379
Species <i>Scotophilus robustus</i> A. Milne-Edwards, 1881	381
Species <i>Scotophilus tandrefana</i> Goodman, Jankins and Ratrimomanarivo, 2005	499
Species <i>Scotophilus viridis</i> (Peters, 1852)	71

Appendix 2: Voucher specimens

Appendix 2a: Museum Acronyms and Number of Specimens

Acronyms and full names of the museums housing the voucher specimens that are detailed in Appendix 2b, including the total number of specimens from each museum.

Acronym	Full Name	Nr
AMNH	American Museum of Natural History, New York	227
BMNH	The Natural History Museum (formerly The British Museum of Nat. Hist.)	1540
BZM	?	1
CAS	California Academy of Sciences, San Francisco	13
CAWM	College of African Wildlife Management, Mweka	3
CM	Carnegie Museum, Pittsburg	760
CNHM	Chicago Natural History Museum	1
CZL	Centro de Zoologia, Lisboa	8
DCDH	David C.D. Happold Collection	148
DNSM	Durban Natural Science Museum, Durban	456
EBD	Estacion Biologia la Doñana, Seville	1
FMNH	Field Museum of Natural History, Chicago	265
HNHM	Hungarian Natural History Museum, Budapest	6
HZM	Harrison Institute (formerly Harrison Zoological Museum)	278
IICA	Instituto de Investigação Científica de Angola	3
KBIN	Koninklijk Belgisch Instituut voor Natuurwetenschappen, Brussels	447
KM	Amathola Museum (formally Kaffarian Museum), King Williams Town	253
KU	University of Kansas Museum of Natural History	10
LACM	Natural History Museum of Los Angeles County	24
LNK	Landessammlung für Naturkunde, Karlsruhe	12
MCZ	Museum of Comparative Zoology, Harvard University	70
MCZ	Museum of Comparative Zoology, Harvard University, Cambridge Mass.	70
MHNC	Muséum d'Histoire Naturelle de La Chaux-de-Fonds	5
MHNG	Muséum d'Histoire Naturelle, Genève	132
MIZT	Museo ed Instituto Zoologia, Torino	2
MLZA	?	1
MMK	Macgregor Museum, Kimberly	99
MNCN	Madrid?	4
MNHN	Museum National d'Histoire Naturelle, Paris	286
MSB	Museum of Southwestern Biology, Albuquerque	250
MSNG	Museo Civico di Storia Naturale "Giacomo Doria"	3
MSNM	Museo Civico di Storia Naturale di Milano	11
MSU	Michigan State University, Mammal Collection, The Museum	7
MTB	Null	1
MWSU	Midwestern State University, Dept. Biology, Wichita Falls	7
MZStrassbo	Museum Stassbourg	1
urg		
MZUF	Museo Zoologico de "la Specola", Firenze	98
NAU	Northern Arizona University, Museum of Verteb.	10
NHMZ	Natural History Museum of Zimbabwe, Bulawayo	1176
NM	Durban Natural Science Museum, Durban (Pringle Collection)	11
NMB	National Museum of Bloemfontein, Bloemfontein	832
NMBE	Naturhistorisches Museum, Bern	21
NMK	National Museum of Kenya, Nairobi	6
NMP	National Museum (Natural History), Prague	7
NMW	Naturhistorisches Museum, Wien	104
NMZL	National Museum of Zambia, Livingstone	2
NRM	Naturhistoriska Riksmuseet Stockholm	21
NZM	Null	1
OSU	Oklahoma State University, Stillwater	9

Acronym	Full Name	Nr
Rennes	University of Rennes	1
RMCA	Royal Museum of Central Africa, Tervuren	2730
RMNH	National Natuurhistorisch Museum, Leiden	190
ROM	Royal Ontario Museum, Toronto	630
SAMC	Iziko (syn. South African) Museum, Cape Town	70
SAMC	Transvaal Museum, Pretoria	70
SMF	Senckenberg Museum, Frankfurt	810
SMG	Steve Goodman collectors number	24
SMNS	Staatliches Museum für Naturkunde, Stuttgart	134
SMTD	Staatliches Museum für Tierkunde, Dresden	3
SMW	?	6
SNP	Null	1
SRSITE	Null	1
TM	Transvaal Museum, Pretoria	7704
UADBA	Université d'Antananarivo, Departement de Biologie Animale, Antananarivo	6
UANK	Ukrainian Academy of Science, Kiev	2
UCT	South African Museum, Cape Town (University of Cape Town Collection Number)	1
UIA	University of Antwerp	26
USNM	United States National Museum, Washington	2773
WNMU	Western New Mexico University, Silver City	23
YPM	Yale Peabody Museum	6
ZFMK	Zoologisches Forschungsinstitut und Museum Alexander Koenig, Bonn	298
ZMA	Zoologisch Museum, Amsterdam	144
ZMB	Zoologisches Museum Berlin	1525
ZMH	Zoologisches Institut und Zoologisches Museum, Hamburg	16
ZMMU	Zoological Museum Moscow University	12
ZMUC	Zoologisk Museum Universitet, Kobenhavn	90
ZMZ	Zoologisches Museum der Universität, Zurich	32

Appendix 2b: Voucher Specimen Details

An overview of all voucher specimens that were included in the African Chiroptera Database from various contributors who have examined them, from supporting museums, or entered from published sources.

The taxa are presented in the same order as the main text and Appendix 1. In each taxon the specimens are alphabetically order according to their country of origin, locality, museum and museum number.

To stand out, the type specimens are explicitly mentioned with the name they were assigned by their original descriptor, and a colour code has been used to indicate the category of type:

RED: Holotype, Lectotype, Neotype, Syntype, Type

BLUE: Cotype, Paralectotype, Paratype

GREEN: Allotype, Genotype, Topotype

(for details on the definition of these types, see the Glossary).

CHIROPTERA Blumenbach, 1779**"Africa":**

"Lobito Voay": **SAMC:** 14421A.

Algeria:

Algiers (3645N 0341E): **ZMB:** 74753.

Botswana:

Maun (1959S 2325E): **TM:** 6540, 6545.

Burundi:

Bujumbura, 7 km NW: **SMF:** 57544.

Cameroon:

Victoria (0401N 0912E): **ZMB:** 39791.

Gabon:

Ogewa: **ZMB:** T09673.

Kenya:

Malindi, 30 mi N: **BMNH:** 1975.2595 - Mara River (0131N 3356E): **ROM:** 41771 - Mount Elgon: **BMNH:** 1910.4.1.24 - near Hoey's Bridge: **BMNH:** 1975.2592, 1975.2593, 1975.2594 - Ortum (0121N 3521E): **ROM:** 65839 - Suam River (0128N 3501E): **ROM:** 38249.

Madagascar:

Tuléar (ca. 2322S 4340E): **ZMB:** T10492.

Malawi:

: **BMNH:** 1987.1131, 1987.1137, 1987.1138 - Likabula mission (1557S 3524E): **TM:** 41787 - Thondwe: **BMNH:** 1987.1142.

Mauritius:

no specific locality: **ZMB:** 4921, 67222.

Mozambique:

Zinave National Park (2133Ba): **NHMZ:** 63247.

Rwanda:

Rukira [=Rukara] (0213S 3035E): **RMCA:** 81-012-M-0103, 81-012-M-0104.

Senegal:

Ndoro: **ZMB:** T10300.

Somalia:

Barawa: **ZMB:** 4666 - Mogadischu [=Mogadishu =Moqdisho] (0204N 4522E): **ZMB:** T10218.

South Africa:

: **SRSITE:** 75/4/96 - Bergplaas: **SAMC:** 38560 - Buffelskloof Private Nature Reserve (2518S 3030E): **TM:** 46915 - Cape Division: **SAMC:** 37381 - De Hoek: **SAMC:** 38558 - Nkandla Forest Reserve (284325.31S 310739.8E): **DNSM:** 7839 - St. Lucia Wetland Park, Sugarloaf Camp Site (2822S 3225E): **TM:** 47823 - Tembe: **TM:** TEMBE 2b.

Swaziland:

Forbes Gold Mine [=Forbes Reef Gold Mine] (2609S 3106E): **TM:** 47724 - Luyengo (2635S 3112E): **TM:** 45708 - Malalotja Cottage (2608S 3107E): **TM:** 47714.

Tanzania:

Mikindani (1016S 4005E): **ZMB:** T10003 - Nangoma cave? (ca. 0929S 3531E): **ZMB:** T10195 - Ngorongoro (0310S 3535E): **TM:** 9999.

Tanzania [=former Tanganyika]:

Mikindani (1016S 4005E): **SMF:** 26899.

Unknown Country:

: **BMNH:** 1888.5.19.3, 1922.12.17.93, 1935.1.6.28, 1954.10.15, 1969.12.48, 1970.2632, 1970.2633, 1970.2634, 1970.484, 1970.485, 1975.2149; **DNSM:** 7022; **HZM:** 1.3020, 1.3199, 1.7072, 1.892, 10.4066, 11.4067, 2.1007, 2.3200, 3.1008, 3.15110, 3.2067, 4.1009, 4.2950, 4.4375, 5.11409, 5.11469, 5.18256, 5.2951, 6.25191, 6.3776, 7.25192, 7.3777, 8.25193, 8.4064, 9.25194, 9.4065; **MMK:** 2242, 2245, 2258, 2261, 2317; **RMCA:** 12396-M, 2627-M, 26402-M, 26403-M, 26404-M, 26405-M, 35681-M, 35682-M, 35683-M, 35684-M, 35686-M, 73-009-M-0423, 73-011-M-0367, 73-015-M-0583, 73-016-M-0304, 73-016-M-0311, 73-017-M-0233, 73-017-M-0234, 73-054-M-0205, 73-054-M-0206, 7313-M, 77-032-M-0199, 88-011-M-0020, 89-022-M, 90-043-M; **SAMC:** 17075, 17077, 17078, 19145B, 34216,

7196, 7197; **SMF**: 12.381, 47867, 79.582, 79.583, 79.584, 84.397, 84396, 87530, 91.007, 91.077, 91.078, 91.079, 91.080, 91.245, 91.966, 91.967, 91.968, 91.969, 91.970, 91.971, 91.972, 91.973, 91.974, 91.975, 91.976, 91.977, 91.978, 91.979, 91.980, 91.981, 92.111, 92761, 93321, 93379; **SMG**: 15754, 15755, 15756, 15760, 15765, 15766, 15767, 15768, 15769, 15770, 15771, 15772, 15773, 15774, 15775, 15776, 15777, 15778, 15779, 15780, 15781, 15782, 15783, 15784; **SNP**: -; **TM**: 32493a, 43232, LC-01/04/08/2005, LC-01/08/10/2005, LC-01/17/05/2005, LC-02/04/08/2005; **UCT**: 5/8/1966.

Zimbabwe:

Chikupu Caves (1724S 3120E): **ROM**: 64580, 64581, 64584, 64585, 64586, 64589 - Lutope-Ngolongola River confluence (1817S 2805E): **NHMZ**: 33605 - Nyadiri River (1704S 3207E): **NHMZ**: 32621 - Nyandia Dam (1705S 3208E): **NHMZ**: 84237, 84238, 84249, 84250 - Rusito Forest (2002S 3259E): **TM**: 34779 - Sengwa Wildlife Research Station (1810S 2813E): **ROM**: 83980.

Megaloglossus woermanni Pagenstecher, 1885

Cameroon:

Aboubou (0217N 1203E): **RMCA**: 73-018-M-0077, 73-018-M-0078 - Bipindi, Kribi, Bez (0306N 1030E): **ZMB**: 40162 - Bitye (0313N 1222E): **ZMB**: 33340 - Cameroon: **RMCA**: 73-018-M-0076 - Campo (0224N 0951E): **RMCA**: 75-056-M-0150, 75-056-M-0151, 75-056-M-0161, 75-056-M-0162, 75-056-M-0163 - Dimako: **RMCA**: 77-032-M-0182, 77-032-M-0184, 77-032-M-0186, 77-032-M-0188, 77-032-M-0190, 77-032-M-0191, 77-032-M-0192, 77-032-M-0193, 77-032-M-0194 - Ebogo: **RMCA**: 73-018-M-0075, 73-029-M-0006 - Ikare Plantation: **RMCA**: 73-018-M-0053 - Mang (0312N 1405E): **RMCA**: 75-056-M-0072, 75-056-M-0076, 75-056-M-0082, 75-056-M-0083, 75-056-M-0086, 75-056-M-0087, 75-056-M-0093, 75-056-M-0095, 75-056-M-0147 - Méséa: **RMCA**: 77-032-M-0177, 77-032-M-0178, 77-032-M-0179, 77-032-M-0180, 77-032-M-0181 - Nkometou (0403N 1133E): **RMCA**: 73-018-M-0055, 73-018-M-0056, 73-018-M-0057, 73-018-M-0059 - Oveng: **RMCA**: 73-018-M-0079, 73-018-M-0081, 73-018-M-0082, 73-018-M-0083, 73-018-M-0085 - Zoulabot II: **RMCA**: 75-056-M-0061.

Congo (Democratic Republic of the):

Kikwit (0513S 1849E): **MSB**: ZaAn 1033, ZaAn 1154, ZaAn 1360, ZaAn 2167, ZaAn 2169, ZaAn 2173, ZaAn 2175, ZaAn 2302, ZaAn 2383, ZaAn 399, ZaAn 537, ZaAn 783, ZaAn 787, ZaAn 789, ZaAn 913; **RMCA**: 97-021-M-0750, 97-021-M-0751, 97-021-M-0752, 97-021-M-0754, 97-021-M-0755, 97-021-M-0756, 97-021-M-0758, 97-021-M-0759, 97-021-M-0760, 97-021-M-0761, 97-021-M-0763, 97-021-M-0764, 97-021-M-0766, 97-021-M-0767, 97-021-M-0769 - Kiliza (0342S 2810E, 1370 m): **RMCA**: 32577 (*Type Megaloglossus woermanni prigoginii*).

Gabon:

Ssibange [Sibange] farm: **ZMB**: 54589 (*Type Megaloglossus woermanni*).

Ghana:

Kete Kratchi (0750N 0003E): **ZMB**: 67253.

Casinycteris argynnis Thomas, 1910

Cameroon:

Bitye (03 13 N 12 22 E, 2000 ft): **BMNH**: 1911.5.5.1.

Congo (Democratic Republic of the):

Mbwambala (0503S 1854E): **MSB**: ZaAn 1342; **RMCA**: 97-021-M-0579.

Eidolon dupreanum (Schegel, 1867)

Madagascar:

Androbaha cave [=Grotte d'Androbaha]: **ZMB**: 54432, 54783, 67034, 67035, 67036, T09514 - Fianarantsoa, Fianarantsoa province] (2127S 4705E): **ZMB**: 58208 - no specific locality: **ZMB**: 5208, 67033.

Eidolon helvum (Kerr, 1792)

"Africa":

Bornili an the Amwini river: **ZMB**: 54596, 54599 - Eastern Africa: **ZMB**: 3651 - Naimniam: **ZMB**: 10206, 7427, 7428 - Niamniam: **ZMB**: 7426.

Angola:

Benguela (1234S 1324E): **ZMB**: 4239 - Chinchoxo (ca. 0505S 1202E): **ZMB**: 10209, 10210, 10211, 5224 - Litambo (1450S 1717E): **ZMB**: 19971, 19973, 19975, 19977, 19979.

Cameroon:

Bafia area (0445N 11E): **ZMB**: 31487 - Bamenda (0555N 1009E): **ZMB**: 66524 - Bana (0509N 1016E): **ZMB**: 67030 - Banjun: **ZMB**: 67154, T09983 - Basha (0608N 0926E): **ZMB**: 67031, 67032 - Bimbia [near Victoria] (0357N 0914E): **ZMB**: 54674, 67046, 67144, 67145, 93797, 93798, 93799, 93800, 93801 - Bipindi, Kribi, Bez (0306N 1030E): **ZMB**: 10202, 67142, 67143 - Buea (0409N 0913E, 1850 m): **ZMB**: 10203, 10204 - Huki: **ZMB**: 6943 - Mamfe (0547N 0918E, 133 m): **ZMB**: 67044 - Moba [stream] (0247N 1430E): **ZMB**: 54703 - no specific locality: **ZMB**: 5022, 54318, 67045 - Ossidinge [=Mamfe] (0547N 0918E, 133 m): **ZMB**: 54588, 54598, 54601a, 54602, 54693, 54702, 54935, 54939 - Sangmelima (0256N 1159E, 782 m): **ZMB**: 18369 - Victoria (0401N 0912E): **ZMB**: 54523, 54524, 54597, 54675, 54692, 54940, 67136, 67140, 67141, 92839 - Yaounde (0352N 1131E, 1025 m): **ZMB**: 10218.

Congo (Democratic Republic of the):

Kikwit, Palm Plantation (050494S 185473E): **TM**: 45592, 45593, 45594, 45629, 46061, 46062, 46065, 46066, 46067, 46068, 46069, 46070, 46071, 46072, 46075, 46077, 46078, 46079.

Gabon:

Cape Lopez (0036S 0845E): **ZMB**: 4951.

German East Africa:

: **ZMB**: 54603, 54701.

Namibia:

Bethanien district (2630S 1700E): **ZMB**: 90649.

Rwanda:

Bagarura island (0154S 2915E): **KBIN**: 10537, 10538, 10539, 10540, 10541, 10542 - Butare (0234S 2943E): **RMCA**: 20491 - Kissenji [=Gisenyi] (0142S 2915E, 1450 m): **ZMB**: 67137, 67138, 67139 - Mugarura: **ZMB**: 66523, 67037, 67038, 67039, 67040, 67041, 67043, 67146, 67147, 67148, 67149, 67152, 67153 - Nyarutovu (0237S 2937E): **RMCA**: 23139, 23645, 23646.

South Africa:

Bloemfontein (2926Aa): **NMB**: 1592 - Farm Geluk (2752S 2852E): **TM**: 13056 - Farm Katrina (2739S 2536E): **TM**: 39242 - Farm Klipbanksfontein 607: **TM**: 47601 - Farm Rhenosterfontein (264430S 2729E): **TM**: 44219 - Jacobsdal (2925Aa): **NMB**: 8514 - Marquard (2827Cb): **NMB**: 1264 - Mazelfontein (2907S 2352E): **TM**: 9419 - Petrusburg (2925Ab): **NMB**: 1327 - Smithfield (3026Ba): **NMB**: 1262 - Trompsburg town (3025Bb): **NMB**: 8515 - Vrededorf town (2727Ab): **NMB**: 3954 - Wildeharthoek (2544S 2811E): **TM**: 8947.

Sudan:

Sennar [=Sennaar] (1535N 3338E, 425 m): **ZMB**: 10219, 10220, 10221, 358.

Tanzania:

Kebandio island: **ZMB**: 58209 - Rutenganio [Mission] (0921S 3337E): **ZMB**: 54941 - Tumbatu Island (0549S 3913E): **ZMB**: 92345, 92346.

Togo:

no specific locality: **ZMB**: 67151.

Unknown Country:

: **NMB**: 852; **ZMB**: 54433, 6596 - Kha Principe: **ZMB**: 3467 - Kimpoko: **ZMB**: 88338 - Ternata: **ZMB**: 2634 - Ukondjo: **ZMB**: 10236.

Zambia:

Fort Jameson (1338S 3239E): **NHMZ**: 20213 - Kasempa (1322S 2552E): **TM**: 9871.

Epomophorus Bennett, 1836

Namibia:

Epupa Falls (1701S 1314E): **TM**: 43609, 43610, 43611.

Epomophorus angolensis Gray, 1870

Angola:

Ambriz (0750S 1309E): **RMNH**: 25753 - Benguela (1234S 1324E): **MZUF**: 6184; **ZMB**: 10012, 10013, 10068, 3648, 4238 - Benguella [= Benguela] (1234S 1324E): **BMNH**: 1864.1.9.4 (Type *Epomophorus macrocephalus* var. *angolensis*) - Concórdia (1212S 1502E): **ZMB**: 41802 - Luanda (0850S 1315E): **ZMB**: 54932 - no specific locality: **ZMB**: 3632.

Namibia:

Damaraland: **ZMB**: 3603, 3885, 3886 - Ondangua (1745S 1559E): **BMNH**: 1925.12.4.8, 1925.12.4.9 - Ondongera (3380 ft): **BMNH**: CN1441 - Ondongwa (3378 ft): **BMNH**: CN1455 - Otjumbumbi (1721S 1427E): **BMNH**: 1925.12.4.2; **KM**: 1563 - Otjumbumbi (3400 ft): **BMNH**: CN1309, CN1326 - Rua Cana (1722S 1414E): **SMW**: M-2717 - Sesfontein (1907S 1339E): **SMW**: M-8212, M-8306, M-8309 - Swartbooisdrift (1720S 1350E): **SMW**: M-6847; **TM**: 11174 - Tshimhaka (1720S 1350E): **BMNH**: 1929.12.61 - Ukualukasi (1732S 1437E): **BMNH**: 1925.12.4.4, 1925.12.4.5; **KM**: 1558, 1559, 1561, 1562 - Ukualukasi (1732S 1437E, 3400 ft): **BMNH**: CN1359, CN1405, CN1427, CN1428, CN1429, CN1430, CN1431, CN1432, CN1433.

Epomophorus anselii Bergmans and Van Strien, 2004

Malawi:

Lifupa Camp (1305S 3005E, 1050m): **ZMA**: 2.105, 26.105 (Paratype *Epomophorus anselii*) - Lisanthu: **ZMA**: 21.693b (Holotype *Epomophorus anselii*).

Epomophorus gambianus (Ogilby, 1835)

"Africa":

Unknown locality: **BMNH**: 1871.7.3.1; **ZFMK**: 84.484.

Benin:

Bimbereke (1014N 0240E): **USNM**: 421183, 421184, 421185, 421190, 421192, 421195, 421196, 421197, 421199, 421201 - Diho (0805N 0231E): **USNM**: 421182 - Guene (1144N 0313E): **USNM**: 421203, 421206, 421207, 421209, 421210, 421214, 421215, 421216, 421217, 421218, 421219, 421221, 421223, 421228, 421229 - Kouande (1020N 0141E): **USNM**: 438844, 438845, 438846, 438847, 438848, 438849, 438850, 438851, 438852, 438853 - Nikki (0956N 0313E): **USNM**: 421237, 421238, 421239, 421240, 421241 - Parakou (0921N 0237E): **USNM**: 421242, 421245, 421247, 421251 - Segbana (1056N 0342E): **USNM**: 421234 - Zizonkame (0755N 0201E): **USNM**: 438843.

Botswana:

Maun (2000S 2325E): **FNMH**: 38490; **TM**: 6556 - Sepopa (1820S 2000E): **USNM**: 425255, 425256 - Shakawe (1821S 2152E): **HZM**: 27.4238; **USNM**: 425248, 425250, 425252, 425253, 425257, 425259, 425261, 425262, 425263 - Xugana (1905S 2306E): **USNM**: 518605, 518606, 518608, 518611.

Burkina Faso:

Azly (1134N 0126E): **USNM**: 450473 - Boussouma, 5 km N (1255N 0105W): **USNM**: 452716, 452718 - Cella, 1 km N (1138N 0022W): **USNM**: 452719, 452723 - Dionga (1404N 0003W): **SMF**: 60903 - Founzan (1127N 0314W): **USNM**: 454444, 454447, 454448, 454449, 454450, 454452, 454455, 454459, 454464 - Koutoura, 5 km SW (1019N 0453W): **USNM**: 467766, 467767, 467768, 467771, 467772 - Lawra (1039N 0252W): **BMNH**: 1950.1507, 1950.1508 - Natiaboani (1142N 0030E): **USNM**: 450475, 450476 - Ouagadougou (1221N 0132W): **SMF**: 60905; **USNM**: 452695, 452698, 452702, 452707, 452713, 454438, 454439 - Ougarou (1210N 0056W): **USNM**: 452726, 452727, 452728, 452730, 452732, 452738, 452739.

Cameroon:

Kundja [=Koundja] (0537N 1045E): **ZMB**: 54368, 67095 - Marua (1035N 1420E): **SMF**: 6287 - Ngaoundere (0719N 1335E): **CM**: 58168 - Ngaoundere, 14 km S (0719N 1335E): **AMNH**: 241007 - Yagoua (1020N 1514E): **RMCA**: coll:1.2238, coll:1.2239, coll:1.2240, coll:1.2254, coll:1.2255, coll:1.307, coll:1.397, coll:1.399, coll:1.400, coll:1.402, coll:1.403, coll:1.405, coll:1.471, coll:1.680, coll:1.721, coll:1.728, coll:1.729, coll:1.731, coll:1.732, coll:1.733, coll:1.736, coll:1.737, coll:1.738, coll:2.111, coll:2.120, coll:2.121, coll:2.122, coll:2.123, coll:2.124, coll:2.125, coll:2.579, coll:2.580, coll:2.582, coll:2.617, coll:2.618, coll:2.619, coll:2.624, coll:2.625, coll:2.626, coll:2.627, coll:2.628, coll:2.632, coll:2.652, coll:2.653, coll:2.666, coll:2.668, coll:2.669, coll:2.670, coll:2.684, coll:2.685, coll:2.686, coll:2.737, coll:2.738, coll:2.739, coll:2.740, coll:2.747, coll:2.753, coll:2.755, coll:2.77, coll:2.774, coll:2.78, coll:2.811, coll:2.816, coll:2.821, coll:2.825, coll:2.830, coll:2.831, coll:2.86, coll:2.91.

Central African Republic:

Badingua (0730N 1935E): **BMNH**: 1979.2028; **SMF**: 6358, 6359 - Bangui (0430N 1819E): **MNHN**: 1975-1062, 1975-1063 - Central African Republic: **MNHN**: 1983-1238 - Koumbala Camp, 11.5 km NW (0729N 2113E): **CM**: 73584 - Yabanda-Mpoko (0700N 1750E): **MNHN**: 1892-1020.

Chad:

Guidari (0908N 1822E): **AMNH**: 165837, 165838, 165839; **USNM**: 301932, 301933.

Congo (Democratic Republic of the):

Dikulwe river (1045S 2522E): **BMNH**: 1907.12.13.2 - Gandu: **ZMB**: 54663 - Kakanda cave (1047S 2636E): **BMNH**: 1955.136 - Kanzenze (1029S 2513E): **RMCA**: 22491 - Kasaji (1027S 2338E): **RMCA**: 21806 - Katanda, lake (0005S 2922E): **RMCA**: 16210 - Kolwezi (1045S 2525E): **OSU**: 3817 - Lubumbashi (1140S 2728E): **KBIN**: 17207; **RMCA**: 13316, 16208, 26268, 26269, 34712 - Panda-Camp (1059S 2647E): **RMCA**: 27594 - Pempéré caves (1058S 2639E): **RMCA**: 27607.

Cote D'Ivoire:

Bouake, 25 km N (0755N 0500W): **CM**: 69136 - Bouna (0916N 0300W): **USNM**: 467835, 467841, 467842, 467845 - Foro Foro (0750N 0500W): **HZM**: 31.12137, 34.12140 - Kong (0909N 0437W): **USNM**: 454435.

Ethiopia:

Agaro (0750N 3638E): **MNHN**: 04025 - Awasa, lake (0705N 3827E): **SMF**: 45016, 45017, 45018, 45117, 45119, 45120 - Bulcha Forest (0611N 3810E): **BMNH**: 1972.502, 1972.504; **SMNS**: 29856, 36085; **USNM**: 497495, 497496, 497502, 497503, 497504, 497505, 497511, 497513 - Didessa river bridge (0902N 3609E): **BMNH**: 1971.2413; **SMF**: 49585, 49586 - Didessa settlement (0902N 3609E): **USNM**: 497519 - Djala (0620N 3650E): **ZMB**: 54422 - Djiren [=Jiren] (0749N 3641E): **ZMB**: 67050 - Doki river bridge (0820N 3536E): **SMF**: 49584 - Dorsey (0617N 3733E): **SMF**: 48001 - Gambela (0815N 3435E): **SMF**: 44221; **USNM**: 520891 - Harre river (0603N 3738E): **SMF**: 47858, 47859.

Ghana:

Accra (0533N 0013W): **ZMB**: 10065, 15056, 15057, 3654, 4784 - Accra, 9 mi NE (0533N 0015W): **AMNH**: 241010; **CM**: 69130, 69131, 69133, 69134 - Aiyikuma (0555N 0003W): **USNM**: 411239, 411240, 411241, 411244, 411250, 411251, 411252, 411253, 411255, 411257, 411258, 411263, 411268, 411270, 411271, 411274, 411278, 411282, 411284 - Gold Coast: **BMNH**: 1920.10.28.1 - Ho (0636N 0028E): **ZMB**: 54195, 54592 - Kete: **ZMB**: 10009, 10010, 10170 - Kete Krachi (0748N 0001W): **ZMB**: 67065 - Kintampo (0803N 0143W): **BMNH**: 1950.1511 - Legon [Botanical Garden] (0539N 0011W): **CM**: 62358, 62359, 62361, 62362, 62363, 62364, 62366, 62367; **USNM**: 411287, 411288, 411292, 411300, 411302, 411304, 411306, 411307, 411308, 411312, 411318, 411320, 411322, 411328, 411329, 411337, 411342, 411344, 411345, 411355, 411365, 411366, 411369, 411374, 411381, 411383, 411386, 411387, 411393, 411394, 411400, 411401, 411402, 411404, 411408, 411413, 411415, 411416, 411417, 411420, 411421, 411423, 411425, 411427, 411428, 411430, 411432, 411436, 411448, 478526 - Pulima (1051N 0203W): **USNM**: 478529, 478530, 478533.

Guinea:

Pita (1105N 1215W): **MNHN**: 1989-1216.

Malawi:

Ncheu (1449S 3438E): **TM**: 9161 - Ncheu [=Ntcheu] (1448S 3439E): **TM**: 9159, 9160 - Zomba town (1523S 3519E): **BMNH**: 1894.6.7.1.

Mali:

Bamako (1240N 0759W): **MNHN**: 1936-1492, 1936-1493, 1936-1494, 1936-1495, 1936-1496 - Sotuba (1236N 0755W): **FMNH**: 42212, 42213, 42215.

Mozambique:

Beira (1949S 3452E): **USNM**: 367454 - Lumbo (1500S 4040E): **BMNH**: 1922.7.17.24, 1922.7.17.26, 1922.7.17.27, 1922.7.17.28 - Mague, new (1549S 3144E): **TM**: 14713, 14714, 14715, 14716, 14718; **USNM**: 365126, 365129, 365131 - Tette [=Tete] (1610S 3335E, 230 m): **ZMB**: 10018 (*Paralectotype Epomophorus crypturus*), 10019 (*Paralectotype Epomophorus crypturus*), 10021, 10078 (*Paralectotype Epomophorus crypturus*), 10080 (*Lectotype Epomophorus crypturus*), 10081.

Namibia:

Chobe River Farm: **TM**: 12341 - Kongola ferry area (1745S 2320E): **TM**: 17057 - Lisikili, lake (1727S 2410E): **TM**: 11646 - Nampini (1751S 2520E): **AMNH**: 146782; **KM**: 17147; **TM**: 12342, 12343, 12344, 12345 - Omega (1803S 2211E): **SMW**: 9909 - Sangwali (1816S 2328E): **TM**: 17108.

Niger:

Maradi (1330N 0706E): **SMF**: 51663, 51664, 51669 - Tapoa (1229N 0225E): **USNM**: 462778.

Nigeria:

Abeotuka (0709N 0321E): **HZM**: 38.5234 - Afon (0819N 0431E): **USNM**: 402412, 402413, 402416, 402417, 402418, 402421, 402422, 402423, 402426, 402427, 402428, 402429 - Bacita (0905N 0457E): **RMNH**: 23623, 23624, 23645 - Benin [City] (0619N 0541E): **BMNH**: 1894.7.25.9 - Felele (0751N 0643E): **USNM**: 402441, 402444, 402445 - Gudi, 3 mi E (0854N 0817E): **USNM**: 402407, 402408 - Ibadan (0723N 0356E): **FMNH**: 99076, 99078; **USNM**: 402449, 483175 - Kabwir (0924N 0934E): **BMNH**: 1912.1.16.1 - Kano (1200N 0831E): **HZM**: 26.10128 - Karaduwa (1219N 0741E): **USNM**: 402373, 402374, 402375, 402379 - Kudu (0916N 0520E): **USNM**: 402393, 402394, 402398, 402399, 402402, 402403, 402405, 402406 - Lagos (0627N 0323E): **HZM**: 4.8347; **ZMB**: 3413 - Maiduguri (1150N 1308E): **HZM**: 25.9671 - Nigeria: **HZM**: 27.11917 - Pandam, lake (0915N 0750E): **RMNH**: 25368, 25369, 25370, 25371, 26311 - Panyam [Fish Farm] (0925N 0913E): **USNM**: 402410, 402411 - Parniso (1206N 0830E): **USNM**: 402381, 402383, 402388, 402389 - Sokoto (1302N 0515E): **HZM**: 1.2871; **USNM**: 378773 - Tangaza (1322N 0456E): **USNM**: 402362, 402363, 402364, 402365, 402366 - Tsanchaga (0906N 0609E): **USNM**: 402367, 402368, 402369 - Zaria (1101N 0744E): **HZM**: 29.12135, 35.12784 - Zaria, 15 mi NW (ca. 1101N 0744E): **USNM**: 378766, 378767.

Senegal:

Diabane (1233N 1605W): **FMNH**: 128145 - Dialocote (1312N 1320W): **USNM**: 379093, 379096, 379097, 379098, 379100, 379101 - Diattacounda (1234N 1540W): **ZFMK**: 76.14, 76.16, 76.17 - Gamon (1325N 1300W): **USNM**: 379105 - Thiès: **ZMB**: 67048, 67049, T09449, T09450 - Thiès (1240N 1034W): **BMNH**: 1909.11.2.28.

Sierra Leone:

Bonthe (0732N 1230W): **ROM**: 51049 - Freetown (0830N 1315W): **BMNH**: 1883.4.24.1 - Saltpan, near (0816N 1259W): **BMNH**: 1953.38.

South Africa:

(2445S 3125E): **TM**: 17277, 17279, 17280, 17281, 17282, 17283 - Baberton (2545S 3102E): **TM**: 43510, 43511, 43607 - Baberton (2547S 3103E): **TM**: 29482, 29483, 29484, 29485, 29486, 29487, 29488, 29489, 29490 - Dzundwini (2246S 3110E): **TM**: 29967 - Farm Greefswald 37MS (2212S 2923E): **TM**: 20340, 20372 - Farm Makalali (2352S 3022E): **TM**: 38260, 38261 - Farm Othawo 242, Sabie Sand Private Nature Reserve (2445S 3126E): **TM**: 24034 - Hectorspruit (2526S 3141E): **TM**: 1061, 13537 - Inkomati River: **TM**: 1187, 1188, 1189, 1190, 990 - Klaserie-Olifant River Confluence (2405S 3114E): **TM**: 7253 - Matukwata Dam (2241S 3057E): **TM**: 29942 - Mimbo, on Limpopo (2220S 3058E): **TM**: 24660 - Nelspruit (2528S 3059E): **TM**: 13951 - Newington, 11 km N (2448S 3117E): **TM**: 17278 - Pongola, 9 Jan Kemlaan (2722S 3136E): **TM**: 17372 - Port Natal [=Durban] (2953S 3100E): **ZMB**: 3917, 4756 - Pretoria (2543S 2811E): **TM**: 29050 - Punda Malia (2241S 3101E): **TM**: 12986, 12987 - Punda Milia Camp (2241S 3102E): **TM**: 12985 - Sebasa: **TM**: 7480, 7485, 7487 - Shashanga windmill (2240S 3059E): **CM**: 69658 - Sibasa (2258S 3029E): **TM**: 7473, 7474, 7476, 7477, 7478, 7479, 7481, 7482, 7483, 7484, 7486 - Sibosa: **TM**: 7474a, 7475 - Soutpansberg (2300S 2940E): **BMNH**: 1909.3.2.3 - Ten Bosch Estates (2520S 3150E): **TM**: 24832, 24833, 24834, 24835, 24836, 24837, 24838, 24839, 24840, 24841 - Tzaneen Estate (2348S 3010E): **TM**: 979.

Sudan:

Sennar [=Sennaar] (1535N 3338E): **SMF**: 12427.

Swaziland:

Big Bend (2646S 3154E): **TM**: 45553.

Tanzania:

Liwale (0947S 3800E): **BMNH**: 1964.1333; **HZM**: 2.1347 - Newala (1057S 3918E): **HZM**: 35.5231, 36.5232, 40.6650 - Ugano plantation (1106S 3455E): **NMW**: B 5112.

The Gambia:

Banjul (1328N 1639W): **HZM**: 36.14899 - Bathurst [=Banjul] (1328N 1639W): **USNM**: 377554, 377555 - Brikama Bar (1315N 1639W): **HZM**: 8.8989 - Gambia: **BMNH**: 74b = 124c; **SMNS**: 176 - Gambia river (1328N 1634W): **BMNH**: 1907.1.1.232, 1907.1.1.233 - Gambia river, lower (1328N 1634W): **BMNH**: 1949.458 - Kudang (1340N 1503W): **USNM**: 377558, 377559, 377560 - Toniataba (1324N 1535W): **USNM**: 379355 - Walikunda (1315N 1639W): **HZM**: 10.8991, 14.8995, 15.8996, 17.8998, 18.8999, 19.9000.

Togo:

Gbeto (0626N 0117E): **USNM**: 437585, 437588, 437589 - Kadjamba (0954N 0033E): **ZMB**: 54423, 54427, 67087 - Lomé (0608N 0114E): **ZMB**: 17815, 17816 - Pagala (0811N 0058E): **USNM**: 437581, 437583.

Unknown country:

Napa-ire: **ZMB**: 54197 - Nieri river: **BMNH**: 1911.7.22.1.

Zambia:

Broken Hill (1429S 2825E): **BMNH**: 1932.9.1.246 - Chavuma area (1301S 2244E): **BMNH**: 1959.610 (**Type** *Epomophorus gambianus parvus*) - Chilanga (1535S 2818E): **HZM**: 69.11569 - Kabompo district (1336S 2410E): **RMCA**: 29246 - Kabulonga (1525S 2821E): **HZM**: 52.11551, 63.11563 - Kalabo (1458S 2241E): **BMNH**: 1966.5415; **HZM**: 58.11558 - Kalomo: **TM**: 43606 - Kasempa Boma (1328S 2548E): **KM**: 13488 - Lochinvar ranch (1551S 2714E): **HZM**: 50.11549 - Lusaka (1526S 2820E): **BMNH**: 1966.5426; **HZM**: 48.11547, 62.11562 - Lusaka, 6 mi NE (1525S 2821E): **HZM**: 47.11546, 53.11552, 56.11556, 57.11557, 59.11559, 65.11565 - Machiya ferry (1339S 2738E): **BMNH**: 1966.5423 - Magoye research station (0600S 2740E): **HZM**: 42.7597 - Mazabuka (1552S 2745E): **BMNH**: 1955.1058 - Mfuwe (1305S 3147E): **BMNH**: 1968.990 - Mongu (1516S 2308E): **HZM**: 68.11568 - Mporokoso (0922S 3006E): **KM**: 9286 - Muyombe (1035S 3228E): **HZM**: 70.11570 - Ndola (1300S 2839E): **HZM**: 5.2229 - Nkane-Kitwe (1250S 2811E): **NHMZ**: 20393 - Pwira Pan (1354S 2751E): **BMNH**: 1966.5418, 1966.5419, 1966.5420, 1966.5421 - Shupanga: **BMNH**: 1864.1.9.6 - Sihole (1522S 2237E): **FMNH**: 95208 - Sikongo (1500S 2210E): **FMNH**: 95205 - Solwezi Boma (1211S 2623E): **BMNH**: 1955.1054 - Wenela (1500S 2237E): **BMNH**: 1968.992, 1968.994, 1968.995 - Zambia: **HZM**: 45.11544.

Zimbabwe:

Bulawayo (2009S 2836E): **HZM**: 1.376; **NHMZ**: 7174 - Chipinga (2012S 3228E): **BMNH**: 1966.6154 - Fairfield park (2435S 2712E): **HZM**: 22.3968, 24.3970 - Hatfield (1753S 3105E): **USNM**: 368603 - Kama Zuma township (1750S 3103E): **MNHN**: 1969-35 - Kariba, 6 km E (1632S 2852E): **CM**: 40974, 40975 - Mashonaland province (1700S 3100E): **CM**: 325 - Mazoe Citrus Estate (1707S 3052E): **TM**: 41876 - Miami, 4 mi E (1640S 2949E): **HZM**: 18.3929 - Sabi-Lundi junction (2015S 3220E): **KM**: 17573; **TM**: 10754 - Salisbury (1750S 3103E): **HZM**: 19.3938, 23.3969, 26.3972; **MNHN**: 1969-34; **USNM**: 382642, 425267 - Zambezi-Cherowe Junction (1538S 2954E): **HZM**: 20.3939.

Epomophorus labiatus (Temminck, 1837)**Burundi:**

Bujumbura (0324S 2908E): **KBIN**: 19909a, 19909b, 19909c, 19909d; **RMCA**: 82-016-M-0025 - Resha (0351S 2923E): **SMF**: 57503, 57505, 57507.

Chad:

Chari delta (1300N 1500E): **SMF**: 6360.

Congo (Democratic Republic of the):

Albertville [=Kalemie] (0557S 2910E): **BMNH**: 1955.1191; **RMCA**: 22947 - Baraka (0405S 2005E): **BMNH**: 1953.3, 53.1 - Beni (0029N 2927E): **RMCA**: 3245 - Butembo (0009N 2918E): **RMCA**: 27353, 27376, 27387 - Cellule II (0355N 2920E): **RMCA**: 36552 - Faradje (0344N 2943E): **RMCA**: 12373 - Fomulac-Katana (0213S 2850E): **SMF**: 31792, 31793, 31795 - Gangala-na-Bodio (0340N 2909E): **RMCA**: 25602, 25603 - Garamba Park (0411N 3000E): **KBIN**: 13510; **RMCA**: 36547, 36549, 36551, 36553 - Ibebero: **ZMZ**: 15596 - Kabare (0228S 2847E): **RMCA**: 15833 - Kakondo (0216S 2851E): **RMCA**: 19654 - Kaniki [3 locs]: **RMCA**: 35284 - Kasaka (0507S 2609E): **RMCA**: 38155 -

Kere Kere (0240N 3030E): **RMCA**: 20094, 20096 - Lulimba (0400S 2835E): **RMCA**: 22355, 77-029-M-0001 - Lwiro (0212S 2848E): **RMCA**: 35070, 35071; **SMF**: 31803, 31809, 31810, 31811, 31812; **SMNS**: 7289, 7290; **ZMZ**: 14140, 15528, 15534, 15535, 15581, 15594, 16678 - Maboya: **RMCA**: 38565, 38575 - Mahagi Port (0208N 3115E): **RMCA**: 9004 - Muhungu (0218S 2848E): **RMCA**: 19656 - Mukwande river (0019N 2942E): **RMCA**: 37108 - Mulongo (0750S 2648E): **HZM**: 32.7869 - Mutsora Station (0019N 2944E): **RMCA**: 37110 - Nkene (0216S 2847E): **RMCA**: 28030 - Rutshuru (0111S 2927E): **KBIN**: 4787; **RMCA**: 13867 - Ruwenzori SE (0030S 30 E): **BMNH**: 1906.12.4.10, 1906.12.4.7, 1906.12.4.9 - Semmio (0503N 2707E): **RMNH**: 27276 - Tshibinda (0220S 2843E): **RMCA**: 20265 - Uvira (0322S 2906E): **NMW**: 4880; **RMCA**: 79-010-M-0004; **USNM**: 301713, 301714 - Wago, mount (0144N 3039E): **RMCA**: 20803, 23149.

Eritrea:

Bogos country (1546N 3830E): **ZMB**: 10079 (*Holotype Epomophorus (Epomophorus) doriae*), 5384 (*Holotype Epomophorus (Epomophorus) doriae*), 5384 / 10079 (*Type Epomophorus (Epomophorus) doriae*) - Dongollo Basso (1500N 3800E): **MZUF**: 9943 - Keren (1546N 3827E, 1400 m): **ZMB**: 67067, 67068.

Ethiopia:

Abiata, lake, E coast (0734N 3839E): **BMNH**: 1971.2423; **SMF**: 45733 - Abyssinia: **RMNH**: 27340 - Awasa, lake (0705N 3827E): **SMF**: 45015, 45019 - Bahadu (1005N 4036E): **USNM**: 497491 - Bahr der Giorgis (1135N 3725E): **BMNH**: 1923.3.26.2 - Bellegaz valley (1250N 3820E): **NMW**: 18300 - Bulcha Forest (0611N 3810E): **BMNH**: 1971.2410, 1972.497, 1972.498; **SMNS**: 29878; **USNM**: 497492 - Gofa (0615N 3640E): **ZMB**: 67070 - Gondar (1237N 3727E): **BMNH**: 1960.137 - Makalle (1327N 3931E): **USNM**: 521056 - Shifra (1139N 4001E): **SMNS**: 29860, 29880 - Shoa: **SMF**: 4370 (*Type Pteropus schoënsis*) - Simien mountains (1315N 3820E): **SMF**: 12431 - Tana, lake (1200N 3720E): **SMNS**: 17489.

German East Africa:

: **ZMB**: 67066.

Kenya:

Barberton Farm (0102N 3500E): **USNM**: 350809, 350812 - Elgon, Mount (0107N 3435E): **BMNH**: 1910.4.1.4; **WNMU**: 2287, 3249, 3630 - Endeless (0104N 3451E): **BMNH**: 1975.2412 - Kaimosi (0008S 3447E): **MCZ**: 31146 - Kakamega forest (0016N 3453E): **ROM**: 65993 - Kikambala (0350S 3948E): **SMF**: 47648 - Kitale (0101N 3501E): **USNM**: 436420, 436421, 436422, 436423, 436424, 436426, 436427, 436433, 436434 - Kitale, 12 mi W (0102N 3450E): **USNM**: 436429, 436430, 436431, 436432, 436443, 436444, 436449, 436459, 436461, 436462, 436464, 436465 - Kongelai (0128N 3502E): **ROM**: 40196, 40197 - Kongelai, 12 mi W (0128N 3501E): **USNM**: 436446, 436447, 436448, 436450, 436456, 436460 - Kongelai, 3 mi S (0128N 3501E): **USNM**: 436436, 436437, 436438, 436439 - Masailand (0145S 3600E): **RMNH**: 19503 - Mitunbur (0128N 3504E): **ROM**: 38250 - Rondo forest (0014N 3554E): **ROM**: 63887, 63888, 63889 - Simba (0210S 3736E): **BMNH**: 1978.934 - Takaungu (0341S 3951E): **ZMB**: 53873 (*Paralectotype Epomophorus (Epomophorus) neumanni*), 53897 (*Paralectotype Epomophorus (Epomophorus) neumanni*) - Tororo, 30 mi E (0040N 3430E): **ROM**: 36228, 36232.

Malawi:

Chitipa Township (0942S 3315E): **TM**: 41744 - Karonga (0956S 3356E): **BMNH**: 1920.6.26.1a, 1920.6.26.1b; **HZM**: 12.2198, 13.2204, 20.2621 - Likabula river (1555S 3540E): **HZM**: 37.15153 - Liwonde National Park, Headquarters (1503S 3515E): **TM**: 41764, 41765, 41781 - MacLear, cape (1358S 3449E): **CM**: 40958, 40959, 40960, 40961, 40962 - Mwaya (1228S 3343E): **BMNH**: 1951.379 - Nchalo (1615S 3451E): **HZM**: 35.14891, 36.14892 - Nkhota-Kota (1256S 3418E): **AMNH**: 161853; **KM**: 11773, 11774, 11776, 11777, 11778, 11779.

Rwanda:

Butare (0234S 2943E): **RMCA**: 20175, 23140, 23170, 35912, 82-006-M-1032, 82-006-M-1076, 82-006-M-1077, 82-006-M-1079, 85-006-M-0465, 85-006-M-0466, 85-006-M-0467, 85-006-M-0468, 85-006-M-0469, 85-006-M-0470, 85-006-M-0471, 85-006-M-0472, 85-006-M-0473, 85-006-M-0474, 85-006-M-0475, 85-006-M-0490, 85-006-M-0491, 85-006-M-0492, 85-006-M-0493, 85-006-M-0494, 85-006-M-0495, 85-006-M-0496, 85-006-M-0497, 85-006-M-0498, 85-006-M-0499, 85-006-M-0500, 85-006-M-0501, 87-046-M-0350, 87-046-M-0351, 87-046-M-0362 - Cyilli (0230S 2946E): **RMCA**: 85-006-M-0485, 85-006-M-0486, 85-006-M-0487, 85-006-M-0510 - Gafumba (0230S 2946E): **RMCA**: 85-006-M-0489, 85-006-M-0513 - Gakoma (0230S 2955E): **ZMZ**: 15530, 15540, 15542, 15544, 16676, 16677 - Gatera (0159S 3011E): **RMCA**: 73-057-M-0003, 73-057-M-0004 - Gisenyi (0142S 2915E): **RMCA**: 80-055-M-0025, 80-055-M-0031 - Gisovu (0215S 2920E): **RMCA**: 35911 - Karama-Kigali-Nuhulu road: **RMCA**: 73-057-M-0011 - Kayonza (0154S 3031E): **RMCA**: 80-055-M-0050 - Kibuye (0203S 2921E): **RMCA**: 73-058-M-0001-2, 80-055-M-0042, 80-055-M-0043, 80-055-M-0044, 80-055-M-0045, 80-055-M-0046, 80-055-M-0048 - Kidaho (0123S 2947E): **RMCA**: 87-046-M-0359, 87-046-M-0363, 87-046-M-0365, 87-046-M-0366, 87-046-M-0367 - Kigali (0157S 3004E): **RMCA**: 80-055-M-0033, 80-055-M-0034, 80-055-M-0036, 80-055-M-0038, 80-055-M-0041 - Kisenyi [=Gisenyi] (0142S 2915E): **RMCA**: 16206 - Mabanza (0203S 2925E): **RMCA**: 80-055-M-0021 - Mimuli: **ZMZ**: 14141, 15527, 15536, 15539, 15541 - Muhazi, lake (0151S 3028E): **RMCA**: 73-057-M-0006, 73-057-M-0007, 73-057-M-0009, 73-057-M-0010 - Murunda (0154S 2922E): **RMCA**: 80-055-M-0022, 80-055-M-0023 - Nyakibanda (0238S 2941E): **RMCA**: 82-006-M-1037, 82-006-M-1038, 82-006-M-1039, 82-006-M-1041, 82-006-M-1042, 82-006-M-1043, 82-006-M-1044, 82-006-M-1080, 82-006-M-1081, 82-006-M-1082, 82-006-M-1083 - Nyamata (0210S 3006E): **RMCA**: 82-006-M-1055, 82-006-M-1056, 82-006-M-1057, 82-006-M-1092 - Nyundo (0141S 2919E): **RMCA**: 80-055-M-0032 - Rubona (0222S 2944E): **KBIN**: 15481A, 15481B, 16026; **RMCA**: 87-047-M-0001, 87-047-M-0002 - Rukira [=Rukara] (0213S 3035E): **RMCA**: 82-006-M-1063, 82-006-M-1064, 82-006-M-1106, 82-006-M-1107, 82-006-M-1109, 82-006-M-1110, 82-006-M-1112, 82-006-M-1114, 82-006-M-1115 - Rumonge (0356S 2926E): **RMCA**: 81-012-M-0042 - Shangi (0224S 2900E): **RMCA**: 85-006-M-0517.

Somalia:

Mogadishu [=Mogadishu =Moqdisho] (0204N 4522E): **ZMB**: 67081.

Sudan:

Agok (0909N 2849E): **MSU**: 33377, 33378, 33379, 33390 - Bellegas: **SMNS**: 609 - Boma mountains, west foothills (0610N 3425E): **SMNS**: 29874 - Bongo (0715N 2842E): **SMNS**: 1090 (*Syntype Epomophorus anurus*), 1091 (*Syntype Epomophorus anurus*) - Boro river (0830N 2430E): **SMNS**: 29894 - Boro river, 25 km N (0830N 2430E): **SMNS**: 29893 - Buram (1036N 2957E): **SMF**: 33039, 33040, 33042, 33056, 33057, 33157 - Didinga mountains, western foothills (0420N 3330E): **SMNS**: 29872, 29873 - Fazogli (1120N 3445E): **MCZ**: 14453, 14454 - Gilo (0402N 3251E): **SMNS**: 29885 - Jebel Moba (1135N 3430E): **BMNH**: 1911.11.25.4 - Kadugli (1100N 2944E): **SMF**: 33154 - Kagelu (0405N 3035E): **AMNH**: 118581 - Kajo Kaji, 10 mi W (0356N 3135E): **SMNS**: 29866, 29889, 29890 - Kapoeta (0450N 3335E): **SMNS**: 29864 - Korobi, mount (0358N 3052E): **SMNS**: 29869, 29891 - Maridi (0455N 2930E): **SMNS**: 29870 - Mbili (0701N 2759E): **MSU**: 33392 - Nagishot (0416N 3334E): **SMNS**: 29884 - Nzara (0440N 2813E): **BMNH**: 1977.596 -

Raga (0826N 2546E): **MSU**: 33401 - Rikki river (0923N 2436E): **SMNS**: 29875 - Sennar: **RMNH**: 27342 (**Type** *Pteropus labiatus*) - Sudan: **SMNS**: 29876 - Suni (1250N 2420E): **SMNS**: 37381 - Telaweit (1524N 3625E): **FMNH**: 99550 - Tonj (0715N 2845E): **SMNS**: 29862, 29881 - Torit (0427N 3231E): **FMNH**: 66549, 66550, 66551, 66553; **USNM**: 368845, 368846, 368847, 368848, 368853, 368854 - Torit, 80 km E (0427N 3231E): **SMNS**: 29882 - Wau (0740N 2804E): **MSU**: 33389 - Zalingei (1252N 2329E): **ROM**: 62613.

Tanzania:

Arusha, 6 mi S (0335S 3720E): **FMNH**: 86018, 86509, 86510 - Arusha, 8 mi S (0335S 3720E): **FMNH**: 86017 - Bagamoyo (0626S 3855E): **RMNH**: 15804, 15805, 15806, 15807, 15809, 15810, 15811, 15813, 15950, 15952, 15954, 16495, 16496, 16626, 16627, 16794, 16795, 16797, 16798, 16800, 16801, 16802, 16804, 16805, 16806, 16807, 26315, 26317, 26318, 26319, 8697, 8698, 8699, 8700, 8703, 8705, 8708, 8709, 8711 - Bagamoyo (0626S 3855E, 0 m): **ZMB**: 5601 - Behobeho (0815S 3730E): **SMF**: 62861 - Chimala (0852S 3420E): **LNK**: 11853, 11855, 11856, 11857, 11858, 11861, 11862, 2341, 2342, 2344, 2346; **SMNS**: 5606, 5607, 5608, 5610 - Dar es Salaam (0648S 3918E): **BMNH**: 1922.7.17.23a, 1922.7.17.23b, collnr.: 678; **SMF**: 70450 - Dar-es-Salaam (0648S 3918E): **ZMB**: 67051, 67089 - Igalula (0536S 3238E): **HZM**: 25.2973 - Iringa, near (0747S 3542E): **LNK**: 2343 - Kafukola (0806S 3156E): **BMNH**: 1956.387; **HZM**: 10.1937, 14.2351, 17.2358, 29.3063, 8.1887 - Kalambo Falls (0835S 3113E): **NHMZ**: 10329 - Kalembo (0835S 3113E): **HZM**: 16.2355 - Kawe (0418S 3303E): **ROM**: 40338 - Kichanjane (0523S 3859E): **HZM**: 1.2892 - Kidugallo (0649S 3812E): **SMNS**: 5980, 5983; **ZFMK**: 56.909, 59.158 - Kigoma (0452S 2936E): **BMNH**: 1976.283 - Kilosa (0651S 3659E): **BMNH**: 1924.1.1.8, 1924.1.1.9; **HZM**: 23.2779, 24.2830; **SMF**: 19470; **ZFMK**: 64.3 - Kisaki (0728S 3743E): **BMNH**: 1921.12.4.2 - Kisarawe (0653S 3903E): **ZFMK**: 61.79, 61.80 - Kugulwira (0648S 3740E): **NMBE**: 458/63 - Kurasini area (0650S 3917E): **SMF**: 58998, 58999 - Mangola (0326S 3525E): **SMF**: 69212 - Manyara, Lake (0335S 3556E): **BMNH**: 1969.20 - Mara (0131S 3349E): **ROM**: 56504, 56505, 56506, 56510, 56511, 56514 - Matete river (0333S 3520E): **SMF**: 11799 - Mikindani (1016S 4005E): **ZMB**: 54513 - Minziro forest (0104S 3132E): **SMF**: 70461 - Mohorro [=Mohoro plantation] (0808S 3910E): **ZMB**: 54591 - Mongola (0326S 3525E): **SMF**: 66941 - Moringside (0653S 3740E): **SMF**: 66939 - Morogoro (0648S 3740E): **BMNH**: 1922.7.12.21, 1922.7.17.10, 1922.7.17.12, 1922.7.17.13, 1922.7.17.14, 1924.1.1.10; **USNM**: 297468; **ZFMK**: 61.81, 61.82, 61.83 - Morogoro, 20 mi N (0648S 3740E): **CM**: 57665 - Mwanihana forest (0745S 3648E): **ROM**: 56513 - Mwaya (0842S 3630E): **HZM**: 31.4020; **MCZ**: 26214, 26220, 26221, 26222, 26223 - Pangani Falls (0521S 3839E): **ZMB**: 54791 - Ruanda farm (1033S 3456E): **HZM**: 33.18744, 34.18745, 35.18746, 38.18749, 39.18750, 40.18751, 41.18752, 42.18753 - Rukwa (0800S 3220E): **HZM**: 3.1796 - Rungwa mountains (0908S 3340E): **MCZ**: 26215, 26217, 26218 - Soga (0652S 3857E): **NMBE**: 457/63 - Songea (1042S 3538E): **BMNH**: 1951.381 - Tabora (0143S 3446E): **BMNH**: 1922.7.17.17, 1922.7.17.20 - Tanga (0504S 3906E): **USNM**: 351176, 351178 - Turiani (0610S 3738E): **FMNH**: 77487, 77489 - Ugano plantation (1106S 3455E): **NMW**: 19831 - Ujiji (0454S 2941E): **ZMB**: 10099, 10100 - Ukara island (0150S 3303E): **BMNH**: 1964.1334, 1964.1335 - Ukerewe island (0200S 3300E): **MCZ**: 26683, 26689 - Utengule (0857S 3550E): **ZMB**: 60915, 60916 - Zanzibar (0610S 3912E): **BMNH**: 1879.9.12.4 (**Type** *Epomophorus minor*); **KBIN**: 187gamma; **ZMB**: 5550 (**Paratype** *Epomophorus minor*).

Uganda:

Amudat (0158N 3457E): **USNM**: 436442 - Budongo Forest (0146N 3133E): **ROM**: 46475 - Buhivu (0108N 3433E): **NMW**: 17862 - Bukalasa (0041N 3231E): **BMNH**: 1962.471, 1962.472, 1962.473, 1962.474, 1962.475 - Bwamba Forest (0140N 3130E): **CM**: 57667, 57668 - Entebbe (0004N 3228E): **AMNH**: 184227; **BMNH**: 1964.62 - Gonda: **ZMB**: 10022, 10024, 10025, 9966 - Kampala (0019N 3235E): **USNM**: 164905, 164910, 164913, 166598, 166599, 166601 - Masindi (0141N 3145E): **BMNH**: 1966.3601; **FMNH**: 29431 - Mbale (0052N 3424E): **BMNH**: 1965.1059, 1965.1060, 1965.1061 - Mengo (0017N 3235E): **BMNH**: 1899.8.4.2 - Moroto (0233N 3449E): **BMNH**: 1913.10.18.9, 1966.3602 - Nabumali (0059N 3413E): **BMNH**: 1965.1058, 1965.3427, 1965.486 - Namulere: **BMNH**: 1964.61 - Pajule (0300N 3302E): **BMNH**: 1962.468 - Point Alice: **BMNH**: 1901.8.9.91 - Serere (0131N 3326E): **BMNH**: 1962.470 - Soroti (0140N 3330E): **FMNH**: 73072, 73073 - Toro (0030N 3000E): **MIZT**: 2137.

Unknown country:

Daroli: **ZMB**: 67063 - Kirimba: **ZMB**: 10027 - Kwa Kitoto and Mengo: **ZMB**: 85672.

Zambia:

Abercorn (0850S 3124E): **HZM**: 1.1444, 26.3052, 27.3053, 4.1797; **KM**: 9619 - Chipata (1337S 3239E): **KM**: 1567 - Fort Jameson (1337S 3239E): **KM**: 9621 - Fort Jameson (1338S 3239E): **NHMZ**: 20050, 20235, 20314 - Jumble (1317S 3205E): **NHMZ**: 22799, 22801, 22802, 22804, 22805 - Kasama (1012S 3111E): **NHMZ**: 20072 - Mfuwe Game Camp (1305S 3147E): **BMNH**: 1966.5408, 1966.5409, 1966.5410, 1966.5411 - Mporokoso (0922S 3006E): **KM**: 9289, 9291 - Mwanya (1243S 3215E): **BMNH**: 1965.365 - Nsefu Game Camp (1252S 3152E): **NHMZ**: 20259, 20260.

Epomophorus minimus Claessen & De Vree, 1991

Ethiopia:

Abaya, lake, West bank (0500N 3700E): **BMNH**: 1971.2418 - Abiata, lake, E coast (0734N 3839E): **USNM**: 497521, 497523, 497524, 497525, 497526, 497527 - Abore, lake (0440N 3645E): **SMNS**: 29895 - Afdem (0927N 4058E): **SMF**: 49574, 49575 - Bahadu (1005N 4036E): **BMNH**: 1971.2428; **SMF**: 44232, 44236, 44237, 44238 (**Holotype** *Epomophorus minimus*), 44239, 44240, 44241, 44242, 44244, 44245, 44247, 44252; **USNM**: 497529, 497531, 497532, 497535, 497536, 497537, 497542, 497543, 497545, 497546, 497547, 497548, 497550, 497576, 497578, 497579, 497583, 497585, 497586, 497587 - Errer valley (0905N 4217E): **OSU**: 5515, 5517, 5524, 5528 - Ethiopia: **SMNS**: 36066, 36071, 36072, 36080 - Gowane (1010N 4039E): **SMNS**: 36073, 36074, 36075, 36076, 36077, 36078 - Harar (0918N 4208E): **NMW**: 15204 - Jarra (0730N 4037E): **ROM**: 71811, 71812, 71813, 71816, 71820, 71821, 71823, 71832, 71842, 71843, 71844, 71848, 71849, 71852, 71853, 71856, 71858, 71859, 71862, 71867, 71869, 71873, 71876, 71877, 71878, 71880, 71882, 71883, 71884, 71885, 71894, 71895, 71899, 71911 - Koka (0827N 3906E): **CM**: 52447, 52449, 52450, 52451, 52452, 52453, 52627; **SMF**: 44226, 44227, 44230, 44231, 49572; **SMNS**: 36067; **USNM**: 462697, 462699, 462703, 497551, 497554, 497555, 497556, 497557, 497561, 497562, 497563, 497564, 497567, 497569, 497570, 497571, 497572, 497573, 497575 - Let Marefia (0939N 3946E): **MNH**: Cg.1885-189 - Melka Sadi (0915N 4010E): **ROM**: 72052 - Omar limestone cave, S of (0654N 4048E): **BMNH**: 1972.207 - Poi, 2 mi N (0450N 3550E): **USNM**: 548508 - Sidon (0545N 3950E): **BMNH**: 1976.794, 1976.799.

Kenya:

Alamer (0138N 3546E): **ROM**: 40195, 40256 - Baringo, lake (0038N 3616E): **RMCA**: 5126, 5127 - Guaso Nyiro (0035N 3732E): **BMNH**: 1913.10.18.10 - Katilo: **BMNH**: 1979.937, 1979.942 - Koran Badas (0121S 4029E): **ROM**:

36223, 36224 - Magadi (0153S 3618E): **ROM**: 71100, 71101, 71102; **WNUMU**: 3064 - Masabubu (0112S 4001E): **AMNH**: 187268 - Nakuchett (0146N 3507E): **USNM**: 436487 - Oleibortoto river (0150S 3600E): **BMNH**: 1975.2407 - Sigor (0128N 3528E): **CM**: 102024, 102025; **ROM**: 36219, 36220, 40250, 40251, 40257 - Sigor, 2 mi S (0128N 3528E): **WNUMU**: 3324, 3349 - Wei Wei river (0128N 3531E): **BMNH**: 1975.2405, 1975.2406, 1975.2815, 1975.2822, 1975.2825, 1975.2827, 1975.2883; **CM**: 102032, 102033, 102034, 102035, 102040, 102041, 102042, 102043; **ROM**: 38262, 38263, 40200.

Somalia:

Afgoi (0207N 4502E): **MZUF**: 2074, 2075, 3037 - Bulo Burti (0351N 4534E): **CM**: 85120, 85122, 85124, 85125, 85126, 85603, 85608, 85609, 85610, 85613, 85615, 85622, 85623, 85624, 85625, 85626, 85627, 85629, 85631, 85632, 85634, 85636, 85637, 85638, 85640 - Dowa: **BMNH**: 1972.4151 - Genale (0148N 4442E): **MZUF**: 2041, 2044, 2079, 2082 - Giohar (0157N 4450E): **MZUF**: 5457, 5517, 5714 - Libsoma farm (0205N 4458E): **CM**: 85108, 85109, 85110, 85111, 85114, 85115, 85116, 85118, 85599, 85600, 85601, 85602 - Snai Sugar Plantation (0246N 4531E): **CM**: 85127, 85128, 85659, 85661, 85663, 85666, 85667, 85673, 85675, 85677, 85678, 85679, 85680, 85681, 85687, 85689, 85693, 85694, 85696, 85697, 85698, 85699, 85700, 85706, 85707, 85708, 85714, 85715, 85716, 85720, 85722, 85724, 85726, 85727, 85732, 85734, 85736, 85738, 85740, 85744, 85745, 85748, 85749, 85750, 85754, 85755, 85756, 85760, 85761, 85762, 85763, 85764, 85765, 85766, 85804, 85808 - Somalia: **MZUF**: 9948 - Villabruzzi [=Villa del dottore Abruzzi] (0248N 4330E): **MZUF**: 2733, 2734.

Tanzania:

Natron, W side lake (0225S 3600E): **BMNH**: 1975.2403, 1975.2404.

Uganda:

Amudat (0158N 3457E): **USNM**: 436488, 436489.

Epomophorus wahlbergi (Sundevall, 1846)

"Africa":

Unknown locality: **BMNH**: 1849.8.16.6.

"Congo":

: **KBIN**: 6939.

Angola:

Angola: **BMNH**: 1866.1.20.6; **USNM**: 123306 - Benguela (1234S 1324E): **ZMB**: 4240a - Cassai (1040S 2110E): **HZM**: 15.4236 - Chinchoxo (ca. 0505S 1202E): **ZMB**: 4801, 9974, 9976, 9977 - Dondo (0940S 1430E): **BMNH**: 1909.10.1.6, 1909.10.1.7, 1909.10.1.8 - Dundo Lundo (0722S 2050E): **BMNH**: 1963.1015, 1963.1017, 1963.1019, 1963.1023, 1967.1240 - Duque de Bragança (0855S 1610E): **BMNH**: 1904.4.9.6 - Malange [=Malanje]: **ZMB**: 9969, 9970, 9971 - Moco, mount (1230S 1510E): **FMNH**: 83589.

Congo (Democratic Republic of the):

Banana (0558S 1227E): **RMCA**: 6540, 6541; **SMF**: 2510 - Boma (0550S 1303E): **RMCA**: 13950 - Idjwi island (0200S 2910E): **RMCA**: 33625 - Luluabourg [=Kananga] (0553S 2226E): **MNH**: 1960-3859, 1960-3860; **RMCA**: 31550, 31554, 32662, 33407 - Moanda (0555S 1224E): **RMCA**: 6533, 6535, 6536, 7290.

Equatorial Guinea:

Ekododo (ca. 0056N 0958E): **ZMB**: 67088.

Ethiopia:

Abyssinia: **BMNH**: 1849.8.16.5.

Gabon:

Cape Lopez (0036S 0845E): **USNM**: 220875, 220878 - Gabon: **BMNH**: 1880.6.7.4 - Omboue (0138S 0920E): **USNM**: 218950, 218953, 218955, 218957, 218962, 218964, 218966, 218967, 218969, 218976, 218978, 219078, 219079, 219080.

Ghana:

Accra (0533N 0013W): **ZMB**: 4786.

Kenya:

Athi river, 6 mi S (ca. 0259S 3831E): **USNM**: 436386 - Diani Beach, 10 km S (0420S 3932E): **SMF**: 57521 - Fort Hall (0042S 3740E): **BMNH**: 1904.2.4.1 - Ikuywa river bridge (0013N 3455E): **CM**: 97839 - Inyokomi: **RMNH**: 27097 - Kakamega forest (0016N 3453E): **USNM**: 350807 - Kakamega, 5 km S, 16 km E (0014N 3454E): **CM**: 102090 - Karen (0120S 3644E): **BMNH**: 1975.2836; **USNM**: 436384 - Kathekani (0237S 3809E): **CM**: 102067, 102071 - Kenya: **HZM**: 28.8619 - Kiboko (0211S 3743E): **HZM**: 33.13252; **RMNH**: 27115, 27116, 27118, 27119; **USNM**: 436387, 436391, 436404 - Kibwesi (0225S 3758E, 1000 m): **ZMB**: 53898 - Kibwezi (0225S 3758E): **USNM**: 436397, 436398, 436399, 436403 - Kikambala (0350S 3948E): **SMF**: 67646 - Kilifi (0338S 3951E): **ROM**: 36225 - Kilifi, 2 mi W (0338S 3951E): **WNUMU**: 1713 - Kitale (0101N 3501E): **USNM**: 436405, 436406, 436410, 436411, 436412, 436413, 436414, 436415, 436416 - Kitale, 7 mi E (0102N 3500E): **USNM**: 350813 - Kitui (0122S 3801E, 3 500 ft): **ZMB**: 5381 - Kiu (0154S 3710E): **RMNH**: 27111; **ROM**: 38369, 38371, 38374, 38375, 38377 - Kongelai (0128N 3502E): **BMNH**: 1975.2413 - Kwale (0410S 3927E): **RMNH**: 27100, 27103, 27104, 27108 - Langata forest (0124S 3646E): **ROM**: 36226 - Luazomela (0029N 3740E): **NRM**: A58 0834 - Lukore area (0413S 3925E): **RMNH**: 32065 - Malindi (0314S 4005E): **BMNH**: 1901.5.1.1; **CM**: 39924, 39925; **USNM**: 301519 - Malindi, 30 mi N (0246S 4008E): **BMNH**: 1975.2411 - Massai Mara reserve (0126S 3511E): **FMNH**: 123794 - Moane (0418S 3935E): **CM**: 97829, 97830, 97832, 97833, 97835 - Mombas [=Mombassa] (0403S 3940E): **ZMB**: 11379, 5081, 5428 (*Paralectotype Ep[omophorus (Epomophorus)] neumanni*), 9967 (*Lectotype Ep[omophorus (Epomophorus)] neumanni*) - Mombassa (0404S 3940E): **SMF**: 24279 - Muumandu (0135S 3721E): **RMNH**: 27098, 27246, 27247, 27248, 27250, 27251, 27253, 27254, 32069 - Nakuru, 2 mi S (0018S 3601E): **USNM**: 436417 - Namanga (0233S 3647E): **HZM**: 3.1384 - Ngong Hills (0122S 3640E): **USNM**: 350802, 350804 - Nyeri (0026S 3656E): **HZM**: ? - Oleibortoto river (0150S 3600E): **BMNH**: 1975.2414, 1975.2415 - Port Reitz (0403S 3937E): **BMNH**: 1962.35 - Ruaraka (0114S 3653E): **SMF**: 48663, 48664, 48666, 48667, 48668 - Shimba Hills (0414S 3925E): **CM**: 102046, 97822; **MWSU**: 7493; **RMCA**: 35254, 35255, 35256, 35257, 35261; **RMNH**: 27101, 27107, 27109, 32064; **ROM**: 41787 - Sokoke forest (0318S 4001E): **WNUMU**: 1310, 1352 - Songhor (0003S 3514E): **HZM**: 8.3061 - Taita (0320S 3820E): **SMNS**: 2890; **USNM**: 182653 - Takaungu (0341S 3951E): **ZMB**: 54364, 54366, 54367 (*Paralectotype Ep[omophorus (Epomophorus)] neumanni*) - Talek Gate (0126S 3513E): **CM**: 102072, 102073, 102074, 102077, 102078, 102079, 102080, 102083, 102084, 102085 - Taveta Sisal Estate (0325S 3739E): **CM**: 102063, 102065 - Taveta, 3 km E (0323S 3742E): **CM**: 102049 - Tiwi, NW of (0414S 3934E): **CM**: 97825, 97826 -

Ushindo [=Ushingo] (0247S 3940E): **ZMB**: 67056 - Vasco de Gama Point (0317S 4007E): **HZM**: 6.2489 - Yala river (0006N 3432E): **NRM**: A58 0897.

Malawi:

Chiromo (1632S 3509E): **BMNH**: 1922.12.17.2 - Likabula mission (1557S 3524E): **TM**: 41784 - Likabula river (1555S 3540E): **HZM**: 35.15142 - MacLear, cape (1358S 3449E): **CM**: 40971 - Zomba town (1523S 3519E): **BMNH**: 1936.4.16.1.

Mozambique:

Beira, 10 km N (ca. 1919S 3452E): **USNM**: 365135 - Beira, 20 mi N (ca. 1949S 3452E): **HZM**: 16.4237 - Beira, near (1950S 3451E): **TM**: 6208 - Chimonzo (2458S 3317E): **USNM**: 351989, 351991 - Inhambane (2400S 3528E): **BMNH**: 1907.6.2.12 - Jongamo (2406S 3519E): **USNM**: 352000, 352001, 352003 - Luabo (1830S 3610E): **HZM**: 24.5924 - Mague (1607S 3337E): **TM**: 14717 - Masembeti (1349S 3452E): **BMNH**: 1907.6.2.9 - Massangena (2130S 3300E): **USNM**: 351986 - Massinga, 2 km S (2320S 3524E): **USNM**: 351995, 351998 - Panda (2404S 3444E): **USNM**: 352004, 352005, 352006, 352007, 352008, 352009, 352010 - Posto Inhaca (2604S 3258E): **USNM**: 351978, 351979, 351980, 351982 - Shupanga (18 S E): **BMNH**: 1864.8.16.1 (*Type Epomophorus macrocephalus var. unicolor*) - Tette [=Tete] (1610S 3335E, 230 m): **ZMB**: 10020 (*Paralectotype Epomophorus crypturus*) - Zinave (2126S 3352E): **MWSU**: 3290, 3291, 3292, 3295, 3296, 3297.

Namibia:

Epupa Falls (1701S 1314E): **TM**: 16336, 16337 - Swartbooidrift (1720S 1350E): **TM**: 16334.

Somalia:

Afgoi (0207N 4502E): **MZUF**: 2051; **USNM**: 543376 - Gelib (0026N 4248E): **MZUF**: 2055 - Genale (0148N 4442E): **MZUF**: 2020 - Giohar (0157N 4450E): **MZUF**: 5516 - Jamaame (0002N 4243E): **CM**: 85165, 85166, 85167, 85810, 85816, 85818, 85820, 85821, 85823, 85825, 85834, 85835, 85836, 85837, 85839, 85840, 85851, 85856 - Libsoma farm (0205N 4458E): **CM**: 85132, 85133, 85134, 85136, 85137, 85138, 85139, 85140, 85142, 85143, 85144, 85145, 85146, 85769, 85770, 85772, 85774, 85776, 85778, 85780, 85782, 85784 - Ola Uager (0114N 4132E): **MZUF**: 5737 - Shoonto forest (0101N 4236E): **BMNH**: 1987.65 - Snai Sugar Plantation (0246N 4531E): **CM**: 85152, 85153, 85154, 85155, 85159, 85162, 85163, 85672, 85786, 85789, 85791, 85793, 85794, 85798, 85801.

South Africa:

Alice: **KM**: 1591, 1606 - Baberton (2547S 3103E): **TM**: 1367 - Barberton, 14 km NW (2547S 3054E): **CM**: 40965; **USNM**: 468324, 468325 - Brooklyn (2545S 2814E): **TM**: 41547 - Doorndraai Dam Nature Reserve (2416S 2843E): **TM**: 44061 - Dukuduku Forest Station (2818S 3213E): **TM**: 40390, 40391 - Durban (2952S 3100E): **BMNH**: 1920.9.1.3; **ZMB**: 10016 - Durban, Walnut/Commercial Rd (2950S 3100E): **DNSM**: 4780 - Empisini Nature Reserve (3012S 3048E): **DNSM**: 5109, 5110, 5111 - Eshowe (2853S 3128E): **TM**: 7447, 7448 - Farm "Clearwater" (3116S 3001E): **TM**: 41180 - Farm Greefswald 37MS, Shashi-Limpopo confluence (2213S 2922E): **TM**: 20341 - Farm Malata (2359S 3150E): **TM**: 27559 - Farm Narina (2342S 3016E): **TM**: 25265, 25266 - Grahamstown (3318S 2632E): **BMNH**: 1897.11.5.38, 1897.11.5.39; **USNM**: 113453, 113455, 113456 - Haenertsburg (2400S 2950E): **TM**: 23713 - Harold Johnson Nature Reserve (291241S 312528E): **DNSM**: 5534 - Hectorspruit (2526S 3141E): **TM**: 1058, 1059, 1060, 46712 - Hella Hella Game Valley (2954S 3005E): **DNSM**: 6833 - Howick Village (2930S 3014E): **TM**: 34346 - Kaffraria (2748S 2507E): **KM**: 1602 - King Williamstown (3225S 2724E): **CM**: 89618; **KM**: 11538, 12605, 1616, 1623, 1626, 1629, 1632, 1635, 19170, 24180, 24183, 24186, 7969, 7970, 7972 - Kosi Lake, Department of Health camp (2657S 3249E): **TM**: 40468 - Lake Sibaya Reserve Station (2721S 3243E): **TM**: 25752, 25753 - Levuhu hippo pool (2226S 3111E): **TM**: 30540, 30542 - Levuvhu Hippo Pool (2226S 3111E): **TM**: 34243 - Loskop Dam Nature Reserve (2525S 2920E): **TM**: 25403, 25407 - Loskopdam Nature Reserve (2523S 2920E): **TM**: 25404, 25405, 25406 - Lydenburg (2506S 3027E): **TM**: 47130 - Malelane (2527S 3130E): **TM**: 14058, 30040 - Malelane (2528S 3131E): **TM**: 14059 - Malvern (2953S 3056E): **TM**: 978 - Mansia Valley (2805S 3210E): **TM**: 40339 - Marone (2445S 3019E): **BMNH**: 1953.21 - Matukwata Dam (2241S 3057E): **TM**: 29927, 29941 - Munthouse, Visagie Street (2548S 2811E): **TM**: 29051 - Natal: **SMNS**: 1459 - Ndumu Game Reserve (2652S 3222E): **TM**: 35229 - Ndumu Game Reserve (2653S 3215E): **TM**: 25229, 35185, 35211, 35213 - Nelspruit (2528S 3059E): **SMNS**: 17488, 5033; **TM**: 13950, 3831 - New Muckleneuk, 351 Rey Street: **TM**: 45125 - Ngome Forest Reserve (2748S 3126E): **TM**: 39132 - Ngome Forest Reserve (275000S 312445E): **TM**: 39131, 39133, 39829 - Ntambanana (2836S 3144E): **TM**: 3027 - Oribi Gorge Nature Reserve (3043S 3016E): **TM**: 34347 - Pafuri (2131Ac): **NMB**: 2823 - Pafuri (2225S 3111E): **CM**: 69662, 69663 - Pafuri (2225S 3115E): **TM**: 29833, 29834, 29840, 29841, 29842, 29867, 29868, 29869 - Pietermaritzburg (2937S 3023E): **HZM**: 2.1295; **USNM**: 292064 - Pigeon Valley (2952S 3100E): **TM**: 38679, 38680 - Pirie Trout hatchery (3243S 2718E): **KM**: 19272 - Pondoland: **ZMB**: 9742 - Pongola, 9 Jan Kemlaan (2722S 3136E): **TM**: 17373, 17374, 17376, 17377 - Pongoland (2730S 2930E): **TM**: 17371, 17375 - Port Elisabeth (3358S 2536E): **HZM**: 21.4737, 22.4738 - Port Shepstone, 48 km NE (3025S 3045E): **CM**: 40966, 40967, 40969 - Port St. Johns (3138S 2933E): **TM**: 1062, 1063, 982 - Scottsburgh Golf Course (301733S 304504E): **TM**: 38547 - Shepston Nature Reserve (2951S 3100E): **TM**: 38681 - Simuwana (2226S 3111E): **CM**: 69664 - Soutpansberg (2300S 2940E): **BMNH**: 1909.3.2.4 - St. Lucia (2816S 3229E): **TM**: 38274, 40433 - Steynsdorp (2609S 3059E): **TM**: 1636 - The Downs (2408S 3011E): **TM**: 27561 - The Downs [10 locs]: **TM**: 25603 - Tshaneni (2737S 3204E): **BMNH**: 1973.489 - Tugela river (2900S 3030E): **NRM**: A59 1042, A60 2040 - Tzaneen (2350S 3010E): **TM**: 13536 - Tzaneen Estate (2348S 3010E): **TM**: 980, 981 - Umdoni Caravan Park (3024S 3041E): **TM**: 43853 - Uvongo (3050S 3025E): **WNMU**: 6023, 6024, 6027, 6028, 6043, 6044, 6046, 6047, 6053, 6054, 6055, 6056, 6057 - Vhembijunction of Shashe and Limpopo (2226S 2922E): **TM**: 40101 - Weenen (2851S 3005E): **TM**: 4920 - Witrivier, 11 mi W (2518S 3103E): **USNM**: 381537.

Sudan:

Gilo (0402N 3251E): **SMNS**: 31357 - Talanga forest (0400N 3244E): **SMNS**: 29854.

Swaziland:

Bar Circle Ranches (2641S 3153E): **TM**: 45554 - Dinedor Ranch (2622S 3134E): **TM**: 45636, 45637 - Franson Christian High (2712S 3124E): **TM**: 45638 - Kwaluseni (2629S 3118E): **TM**: 45269, 45270 - Mbabane (2620S 3108E): **TM**: 25696, 25697 - Our Lady of Sorrows (2716S 3132E): **TM**: 45640 - Rosecraft (2638S 3117E): **TM**: 47708 - Sandleni Primary School (2704S 3125E): **TM**: 45639 - St. Joseph's (2627S 3127E): **TM**: 45704.

Tanzania:

Amani (0510S 3847E): **BMNH**: 1986.173; **TM**: 14016 - Amani (0510S 3847E, 1000 m): **TM**: 14017 - Ambangulu Estate (0445S 3815E): **SMF**: 59546 - Ambangulu Estates (0445S 3815E): **ZMB**: 54593, 54595, 54662, 67064 - Bagamoyo (0626S 3855E): **RNMH**: 8695, 8696 - Chuaka (0523S 3947E): **BMNH**: 1919.6.9.8 - Dar es Salaam (0648S 3918E): **BMNH**: 1922.7.17.31, 1922.7.17.34, 1922.7.17.36, 1922.7.17.38; **FMNH**: 27284, 27285; **SMNS**: 3175 - Dar-es-Salaam (0648S 3918E): **ZMB**: 54208a, 54208b, 54208c, 54424, 67054, 67055, 9990, 9991, 9992, 9993, 9998 - Gibbs

farm (0321S 3532E): **SMF**: 66944 - Kisarawe (0653S 3903E): **ZFMK**: 61.75, 61.76 - Kizimkazi (0628S 3928E): **BMNH**: 1955.176 - Kokotoni [=Mkokotoni] (0518S 3941E): **ZMB**: 67071, 67072 - Lembeni (0347S 3737E): **SMNS**: 17485, 5974, 5978; **ZFMK**: 60.214, 60.215, 60.217, 60.223, 60.224, 60.225, 60.226 - Lindi (1000S 3943E): **ZMB**: 9252 - Liwale (0947S 3800E): **BMNH**: 1964.1327, 1964.1329; **HZM**: 25.6344 - Lukoga (0900S 3700E): **HZM**: 13.4022 - Malindi (0437S 3818E): **ZMB**: 5597 (*Paralectotype Ep[omophorus (Epomophorus)] neumanni*) - Mazumba Estate (0448S 3829E): **SMF**: 59544 - Mikindani (1016S 4005E): **ZFMK**: 64.870, 64.871, 64.872, 64.874, 64.875; **ZMB**: 67053 - Misingi (0324S 3706E): **SMNS**: 4519 - Moshi (0321S 3720E): **BMNH**: 1894.2.6.1 - Moshi (0321S 3720E, 820 m): **ZMB**: 9968 (*Paralectotype Ep[omophorus (Epomophorus)] neumanni*) - Mwanihana forest (0745S 3648E): **SMF**: 58996, 66942, 66943 - Mwela (0749S 3143E): **SMNS**: 31435 - Mwitii Mkuu (0455S 3948E): **BMNH**: 1956.190 - Nashallo (0312S 3702E): **SMNS**: 4167 - Rondo Flat [forest] (1007S 3914E): **HZM**: 23.5303, 7.2900; **UIA**: ABOS-16 - Ruanda farm (1033S 3456E): **HZM**: 38.18743 - Rungwa mountains (0908S 3340E): **UIA**: ABOS-144, ABOS-147 - Takaungu (0342S 3951E): **ROM**: 36227 - Tanga (0504S 3906E): **USNM**: 351173 - Tanzania: **SMF**: 25755 - Tendaguru [=Tendaguro] (0945S 3920E, 375 m): **ZMB**: 54196 - Tenguru (0323S 3650E): **BMNH**: 1964.1316, 1964.1318, 1964.1319, 1964.1322, 1964.1323, 1964.1325 - Usa (0324S 3651E): **ZFMK**: 63.153 - Usangi (0342S 3740E): **SMNS**: 4162 - Uto farm (0312S 3642E): **ZMZ**: 14343, 14344, 14345, 14346, 14348, 15545, 15588, 15589 - Vikindo [forest] (0659S 3917E, 120 m): **ZMB**: 9978, 9979, 9980, 9981, 9982, 9984, 9986, 9988, 9989 - Zanzibar (0610S 3912E): **BMNH**: 1909.1.4.5; **ZMB**: 10000, 10001, 10002, 2957, 9996.

Tanzania [=former Tanganyika]:

Mikindani (1016S 4005E): **SMF**: 26930, 26962, 26963, 26964, 26966, 26968, 26970.

Uganda:

Bulaganya, cave 3 mi S (ca. 01 N 34 E): **BMNH**: 1964.69, 1964.70.

Unknown Country:

: **TM**: 31753 - Isavo swamp: **BMNH**: 1916.1.15.2 - Kotur: **ZMB**: 5380, 5383.

Zambia:

Abercorn (0850S 3124E): **BMNH**: 1966.5412 - Jumbe river (1317S 3205E): **HZM**: 31.11553 - Kanyale stream (1058S 2407E): **HZM**: 30.11541 - Salujinga (1058S 2407E): **NHMZ**: 20243, 20244 - Shupanga: **BMNH**: 1864.1.9.35, 1864.1.9.35*, 1864.1.9.5 - XXX (1354S 2751E): **NHMZ**: 20323 - Zambezi rapids (1100S 2400E): **HZM**: 18.4368.

Zimbabwe:

Chipinga (2010S 3235E): **TM**: 38451 - Rusito Forest (2002S 3259E): **TM**: 34794, 34795 - Sabi-Lundi junction (2015S 3220E): **USNM**: 470239 - Sengwa Wildlife Research Station (1810S 2813E): **TM**: 34892 - Umtali Old Mine (1857S 3240E): **HZM**: 10.3237, 11.3448, 12.3705.

Epomops buettikoferi (Matschie, 1899)

Cote D'Ivoire:

Adiopodoumé (0519N 0408W): **ZMB**: 67010.

Epomops dobsonii (Bocage, 1889)

Rwanda:

Rubona (0222S 2944E): **KBIN**: 16037.

Zambia:

Fort Jameson (1338S 3239E): **NHMZ**: 20015, 20020, 20044 - Kafue River (1405S 2723E): **FMNH**: 96267; **NHMZ**: 22675, 22676 - Lueti River, S (1538S 2206E): **FMNH**: 95213 - Mindolo dam (1247S 2809E): **NHMZ**: 20238, 20239 - Mwekera (1251S 2821E): **NHMZ**: 20391, 20392 - Ndola (1258S 2838E): **NHMZ**: 16530 - Salujinga (1058S 2407E): **NHMZ**: 11552, 11553.

Epomops franqueti (Tomes, 1860)

Benin:

Groß-Popo [= Grand-Popo] (0619N 0157E): **ZMB**: 10011.

Cameroon:

Bipindi, Kribi, Bez (0306N 1030E): **ZMB**: 11280, 40160, 40161, 54198, 54934, 67098, 67101, 67104, 67105 - Johann-Albrechtshöhe (0438N 0923E, 210 m): **ZMB**: 54425 - Klein Batonga: **ZMB**: 67103 - Kribi (0258N 0955E): **ZMB**: 9041 - Longji (0304N 0959E): **ZMB**: 54933 - Mungo Anchoncho [Moungo river?] (0403N 0933E): **ZMB**: 5001 - Ngia: **ZMB**: 20854 - no specific locality: **ZMB**: 4785, 5002, 53916, 67102, 9972, 9973 - Victoria (0401N 0912E): **ZMB**: 53871, 53872, 67052, 9040 - Yaounde (0352N 1131E, 1025 m): **ZMB**: 10026, 54520.

Congo (Democratic Republic of the):

Kikwit (0513S 1849E): **MSB**: ZaAn 2190; **RMCA**: 97-021-M-0748 - Malandje [=Malandjij] (0556S 221757E): **ZMB**: 10031.

Equatorial Guinea:

Attogondama: **ZMB**: 67100 - Ekododo (ca. 0056N 0958E): **ZMB**: 67058.

Gabon:

Dongila [=Donguila] (0013N 0945E): **ZMB**: 4956 - no specific locality: **ZMB**: 6129.

Ghana:

Bimbila (0851N 0004E): **ZMB**: 53896 - Goldküste [=Goldcoast]: **ZMB**: 2620, 3562, 357 - Kete Krachi (0748N 0001W): **ZMB**: 53874, 54361, 54365, 54518 - Kete Krachi (0750N 0003E): **ZMB**: 8945, 8946.

Liberia:

Fanti: **ZMB**: 4477.

Nigeria:

Asaba: **BMNH**: 1895.5.3.7 (*Type Epomops franqueti strepitans*) - Lagos (0627N 0323E): **ZMB**: 3649 - Leinde Fadali (0658N 1136E, 1700m): **SMNS**: 41337.

Tanzania:

Bukoba (0121S 3148E, 1250 m): **ZMB**: 10035.

Togo:

Kadjamba (0954N 0033E): **ZMB**: 67099 - Klein-Popo [=Aného] (0614N 0136E): **ZMB**: 10004 - Misahöhe [=Missahohé] (0657N 0006E): **ZMB**: 50003.

Hypsignathus monstrosus H. Allen, 1862

"Africa":

West Africa: **TM**: 976, 977.

Cameroon:

Balue mountains: **ZMB**: 57061, 67059, 67060, 67061 - Bamundjinda: **ZMB**: 67062 - Bipindi, Kribi, Bez (0306N 1030E): **ZMB**: 40163, 54410, 67122, 67128, 67129, 67131, 67134, 67157, 6942 - Bonge: **ZMB**: 7043 - no specific locality: **ZMB**: 67124, 67127, 67130, 67133 - Victoria (0401N 0912E): **ZMB**: 54205, 54206, 54207, 54600, 54601b, 54604, 54696, 54698, 67120, 67121, 67123, 67125, 67126, 67132, 67135, 67150 - Yaounde (0352N 1131E, 1025 m): **ZMB**: 54697, 9010.

Congo (Democratic Republic of the):

Bambu (0148N 3015E): **KBIN**: 7037 - Baraka (0405S 2905E): **ZMB**: 67118 - Bela (0038N 2915E): **KBIN**: 7040 - Eringete (0050N 2937E): **KBIN**: 12945 - Kikwit, Palm Plantation (050494S 185473E): **TM**: 46063, 46064, 46073, 46074, 46080, 46081 - Tschuapa (0014S 2042E): **KBIN**: 15188 - Zobia (0259N 2555E): **KBIN**: 6963, 6964, 6965.

Equatorial Guinea:

Beoken Noja [?=Noya river]: **ZMB**: 67119 - no specific locality: **ZMB**: 67156.

Gabon:

Dongila [=Donguila] (0013N 0945E): **ZMB**: 4955 - no specific locality: **ZMB**: 9012.

Nigeria:

Old Calabar river: **BMNH**: 1862.1.23.1[b] (*Type Sphyrocephalus labrosus*).

Togo:

Misahöhe [=Missahohé] (0657N 0006E): **ZMB**: 9007, 9008, 9009.

Lissonycteris angolensis (Bocage, 1898)

Angola:

Quibula, Cahata, north of Quanza River, Pungo Andongo (0940S 1535E, 1200 m): **BMNH**: type1.

Cameroon:

Bimbia [near Victoria] (0357N 0914E): **ZMB**: 67159, 67160, 67161, 67162, 67163, 67164, 67165, 67166, 67167, 67168, 93792, 93793, 93794, 93795 - Buea (0409N 0913E, 1850 m): **ZMB**: 54982 - Tombel (0446N 0938E): **ZMB**: 93796.

Equatorial Guinea:

San Fernando cave: **MNCN**: 53 (*Type Rousettus (Lissonycteris) crypticola*), 54 (*Paratype Rousettus (Lissonycteris) crypticola*).

Nigeria:

Leinde Fadali (0658N 1136E, 1700m): **ZFMK**: 88.94.

Tanzania:

Amani (0510S 3847E, 1000 m): **TM**: 16012 - Bukoba (0121S 3148E, 1250 m): **ZMB**: 10246 - Kwamkoro [Forest Reserve] (0510S 3836E): **ZMB**: 67158.

Togo:

Bismarckburg [=Bismarckbourg] (0811N 0041E): **ZMB**: 6757, 6758, 6759, 6760.

Zambia:

Salujinga (1058S 2407E): **NHMZ**: 11555.

Lissonycteris goliath Bergmans, 1997

Zimbabwe:

Gleneagles Estate (1817S 3254E): **NHMZ**: 59831.

Lissonycteris petraea Bergmans, 1997

Ethiopia:

road to Jimma: **MNHN**: CG 1972-482.

Lissonycteris smithii (Thomas, 1908)

Sierra Leone:

no specific locality: **BMNH**: 1908.9.11.1.

Microteropus intermedius Hayman, 1963

Angola:

Dundo (0724S 2047E): **BMNH**: 1962.2073; **CNHM**: 66433.

Cameroon:

Jauro Masali (0620N 0325E, 1300 m): **SMNS**: 41338; **ZFMK**: 88.95.

Microteropus pusillus (Peters, 1868)

Angola:

Chinchoxo (ca. 0505S 1202E): **ZMB**: 4802 - Pungo Andongo [Quibula, Cahata] (0940S 1535E, 1200 m): **ZMB**: 5221.

Congo (Democratic Republic of the):

Kikwit (0513S 1849E): **MSB**: ZaAn 1979, ZaAn 2151, ZaAn 2153, ZaAn 2155, ZaAn 2181, ZaAn 2183, ZaAn 2185,

ZaAn 2187, ZaAn 2269, ZaAn 2271, ZaAn 2273, ZaAn 2275, ZaAn 2277, ZaAn 2279, ZaAn 2281, ZaAn 2283, ZaAn 2286, ZaAn 2289, ZaAn 2293, ZaAn 2295, ZaAn 2299, ZaAn 2301, ZaAn 2318, ZaAn 2379, ZaAn 2381, ZaAn 2384, ZaAn 2387, ZaAn 2389, ZaAn 2525, ZaAn 2621, ZaAn 2623, ZaAn 2686, ZaAn 2688, ZaAn 2690, ZaAn 2692, ZaAn 2694, ZaAn 2696; **RMCA**: 97-021-M-0772, 97-021-M-0774, 97-021-M-0775, 97-021-M-0776, 97-021-M-0777, 97-021-M-0778, 97-021-M-0779, 97-021-M-0780, 97-021-M-0781, 97-021-M-0782, 97-021-M-0783, 97-021-M-0784, 97-021-M-0785, 97-021-M-0786, 97-021-M-0787, 97-021-M-0788, 97-021-M-0789, 97-021-M-0790, 97-021-M-0791, 97-021-M-0792, 97-021-M-0793, 97-021-M-0794, 97-021-M-0795, 97-021-M-0796, 97-021-M-0797, 97-021-M-0798, 97-021-M-0799, 97-021-M-0800, 97-021-M-0801, 97-021-M-0802, 97-021-M-0803, 97-021-M-0804, 97-021-M-0805, 97-021-M-0806, 97-021-M-0807, 97-021-M-0808, 97-021-M-0809, 97-021-M-0849.

Gabon:

no specific locality: **ZMB**: 5551.

Ghana:

Kete Kratchi (0750N 0003E): **ZMB**: 10054 - Kojali Bach: **ZMB**: 31942.

Guinea-Bissau:

Bissau [island] (1152N 1539W): **ZMB**: 42517.

Nigeria:

Lagos (0627N 0323E): **ZMB**: 10046, 3475, 4338 - Yoruba: **ZMB**: 3438 (Type *Epomophorus pusillus*).

Tanzania:

Ngoroine [=Nguruimi]: **ZMB**: 10052, 10053.

Togo:

Bismarckburg [=Bismarckbourg] (0811N 0041E): **ZMB**: 10051, 6755, 6756 - Klein-Popo [=Aného] (0614N 0136E): **ZMB**: 10003 - Misahöhe [=Missahohé] (0657N 0006E): **ZMB**: 10050.

Myonycteris (Myonycteris) relicta Bergmans, 1980

Kenya:

Coast province: **RMNH**: 27909.

Tanzania:

Ambangulu Estates (0445S 3815E): **ZMB**: 54936, 54937.

Myonycteris (Myonycteris) torquata (Dobson, 1878)

Angola:

Golungo Alto [=syn Golundo Alto] (0905S 1440E): **BMNH**: 1866.1.20.4.

Angola (?):

Angola: **BMNH**: 1843.9.27.2 (Type *Cynopterus collaris*).

Congo (Democratic Republic of the):

Likandi river [=Litaki river] (0311N 2611E): **BMNH**: 1907.7.8.25 (Type *Myonycteris wroughtoni*).

Cote D'Ivoire:

Lamto Ecology Station (0613N 0502W): **ZMB**: 66992.

Equatorial Guinea:

Fernando Po [=Bioko island] (0330N 0842E): **ZMB**: 67197.

Sierra Leone:

Sierra Leone: **BMNH**: 1891.2.13.1 (Type *Myonycteris leptodon*).

Zambia:

Salujinga (1058S 2407E): **BMNH**: 1965.534, 1965.535; **NHMZ**: 11556.

Myonycteris (Phygetis) brachycephala (Bocage, 1889)

São Tomé and Príncipe:

São Tomé Island: **MLZA**: 449a.

Nanonycteris veldkampii (Jentink, 1888)

Angola:

Malange [=Malanje]: **ZMB**: 5851.

Ghana:

Accra (0533N 0013W): **ZMB**: 4061 - Kete Kratchi (0750N 0003E): **ZMB**: 10039.

Liberia:

West Nimba: **KBIN**: 16080.

Togo:

Bismarckburg [=Bismarckbourg] (0811N 0041E): **ZMB**: 10041 - Misahöhe [=Missahohé] (0657N 0006E): **ZMB**: 10043, 7546.

Pteropus livingstonii Gray, 1866

Comoro Islands:

Anjouan island (1215S 4425E): **BMNH**: 1863.12.11.2; **ZMB**: T09586, T09939, T10119 - Comoro Islands (1135S 4320E): **ZMB**: T10461 - Johanna Island [=Anjouan Island] (1215S 4425E): **ZMB**: 11021, 67176.

Pteropus niger (Kerr, 1792)

Mauritius:

Mauritius: **ZMB**: 346 - no specific locality: **ZMB**: 4920.

Tanzania:

Zanzibar (0610S 3912E): **ZMB**: 38838.

Pteropus rodricensis Dobson, 1878

Mascarene Islands:

Rodrigues Island: **BMNH**: 1876.3.11.1.

Mauritius:

La Ronde: **BMNH**: 1925.8.10.1 (*Type Pteropus mascarinus*).

Pteropus rufus E. Geoffroy St.-Hilaire, 1803

Comoro Islands:

Anjouan island (1215S 4425E): **ZMB**: 14017, 345, 4919.

Madagascar:

: **TM**: 1353, 1354 - Antesperanana (ca. 1320S 4815E): **ZMB**: T10102, T10103, T10104 - Fort-Dauphin: **BMNH**: 1891.11.30.10 (*Type Pteropus rufus princeps*) - no specific locality: **ZMB**: 2628, 39776, 4165 - Sainte Marie (1608S 4658E): **ZMB**: 67260 - Tamatave (1810S 4923E): **ZMB**: 67256, T10571 - Tuléar (ca. 2322S 4340E): **ZMB**: 67208.

Unknown country:

Angasilha [=?Angaziga]: **ZMB**: 3257, 3258.

Pteropus seychellensis A. Milne-Edwards, 1877

Comoro Islands:

no specific locality (1135S 4320E): **BMNH**: 1906.6.3.14, 1906.6.3.15 (*Syntype Pteropus comorensis*), 1906.6.3.16 (*Syntype Pteropus comorensis*).

Pteropus subniger (Kerr, 1792)

Mauritius:

Mauritius: **ZMB**: 3568 - no specific locality: **ZMB**: 6302.

Mozambique:

Inhambane (2400S 3528E): **ZMB**: 67215.

Réunion:

Bourbon [=Réunion]: **ZMB**: 3661, 4525, 4526.

Pteropus voeltzkowi Matschie, 1909

Tanzania:

Pemba island (0731S 3925E): **ZMB**: 92341, T10485, T10486, T10487, T10488, T10489, T10490.

Rousettus aegyptiacus (E. Geoffroy St.-Hilaire, 1810)

Angola:

: **BMNH**: 1862.8.26.1 - N'Kuta, Loango: **ZMB**: 67226.

Cameroon:

Bipindi, Kribi, Bez (0306N 1030E): **ZMB**: 54691, 54699 - Victoria (0401N 0912E): **ZMB**: 54700 - Yaounde (0352N 1131E, 1025 m): **ZMB**: 10239.

Egypt:

Gizeh, Great Pyramid: **MNH**: A.70 (*Type Pteropus Egyptiacus*) - no specific locality: **ZMB**: 10252, 10253, 10254, 348, 67233.

Egypt ?:

no specific locality: **ZMB**: 55182.

Ethiopia:

Abyssinia: **ZMB**: 54903.

Kenya:

Kibwesi (0225S 3758E, 1000 m): **ZMB**: 67227.

Mozambique:

Chemezi (1852S 3307E): **TM**: 13686, 13687.

Rwanda:

Musanse (0130S 2938E): **KBIN**: 15485.

São Tomé and Príncipe:

Generosa (ca. 800 m): **MTB**: 16753 (*Paratype Rousettus aegyptiacus thomensis*).

South Africa:

Anthrax camp (222530S 311230E): **TM**: 36849, 37263, 37264, 37265, 37266, 38076, 38077 - Cape of Good Hope: **ZMB**: 2553, 350, 351 - Culling camp (222540S 311515E): **TM**: 36680, 36681, 36682, 36683, 36684, 36685, 36686, 36687, 36688, 36689 - Culling Camp (2225S 3111E): **TM**: 37283, 37284, 37829, 37830, 37831, 37832 - De Hoek, Skeleton Cave (3340S 2215E): **TM**: 13521, 13522, 13523, 13524, 13525, 13526 - East London (3300S 2754E): **TM**: 34327 - Farm Malta (2410S 3015E): **TM**: 27562 - Fig Tree Camp (222530S 311130E): **TM**: 37063, 37064, 38078, 38079, 38080, 38081, 38082, 38083, 38084, 38085, 38163 - Fig Tree Camp (2225S 3111E): **TM**: 36548, 36597, 36598, 36599, 36600, 36601, 36620, 36621, 36622, 36623, 36624, 36761, 36762, 36763, 36764, 36765, 36785, 36786, 36787, 36855, 36856, 36858, 36859, 36860, 36861, 36862, 36863, 36872, 36926, 36932, 36949, 36950, 36951, 36952, 36953, 36954, 36955, 36956, 36957, 36988, 36989, 36990, 36991, 36992, 36993, 36994, 36995, 36996, 36997, 36998, 37277, 37278, 37279, 37418, 37419, 37420, 37421, 37422, 37423, 37424, 37425, 37426, 37427, 37428, 37652, 37653, 37654, 37744, 37745, 37891, 37892, 37893, 37894, 37895, 37896, 42002 - Fig Tree camp (2226S 3111E): **TM**: 36102, 36103, 36104, 36105, 36106 - Fig Tree Camp, downstream left hand bank (2225S

3115E): **TM:** 37665 - Fig Tree Camp, left hand bank (2225S 3115E): **TM:** 37662, 37663, 37664, 37666, 37667 - Fig Tree Forest (222530S 311130E): **TM:** 37104, 37105, 37106, 37107, 37109, 37110, 37111, 37124 - Jonkershoek Nature Reserve (335744S 185537E): **DNSM:** 5492, 5493, 5494, 5495 - Knysna (3402S 2303E): **TM:** 1064, 1065, 1066, 1067, 1068, 16662, 16663, 984, 985, 986, 987, 988, 989 - Lanner Gorge cave (2307S 3022E): **TM:** 36540, 36541, 36542, 36543 - Ledzee Estates (2352S 3007E): **TM:** 40992 - Letsitele (2352S 3023E): **TM:** 14055, 14056, 14057 - Levuhu hippo pool (2226S 3111E): **TM:** 30504, 30505, 30506, 30516, 30517, 30525, 30543, 30544 - Levuvhu Hippo Pool (2226S 3111E): **TM:** 34201, 34202, 34203, 34204, 34205, 34206, 34207, 34208, 34209, 34214, 34215, 34216, 34217, 34234, 34235 - Levuvhu River (2226S 3111E): **TM:** 36430, 36444, 36445, 36446, 36447, 36448, 36449, 36450, 36458, 36459 - Manxeba windmill [=waterhole] (2224S 3114E): **TM:** 37209, 37210, 37211, 37228, 37229, 37230, 37746, 37867, 37868 - Matlapitsi Caves (2410S 3006E): **TM:** 25303, 25304, 25305, 25306, 25307, 25308, 25309, 25310, 25311, 25312, 25313, 25314 - Matlepit Valley (2407S 2937E): **TM:** 12960 - Mission Rocks (2814S 3224E): **DNSM:** 4438, 4441, 4446 - Mission Rocks (2815S 3229E): **TM:** 27466, 27467, 27468, 27469 - Mission Rocks, Bats Cave (2816S 3229E): **TM:** 35353, 35354, 35355, 35356, 35357, 35358, 35359, 35360, 35361, 35362, 35363, 35364, 35365, 35366, 43854 - Mockford Garden (2225S 3118E): **TM:** 36544, 36545, 36546, 36547, 36585, 36586 - Ngodwena (2537S 3037E): **TM:** 47090 - Old Culling camp (2225S 3115E): **TM:** 37205, 37206, 37207, 37208, 37716, 37717, 37718, 37719, 37720, 37721 - Old Fig Tree Forest (2225S 3111E): **TM:** 42003 - Old Picnic Site (222530S 3118E): **TM:** 37070, 37071, 37088, 37089, 37090 - Pafuri (2225S 3115E): **TM:** 29859, 29870, 29878, 47146, 47147, 47148, 47149 - Soutpansberg, Buzzard Mountain Sanctuary (2300S 2946E): **TM:** 41656, 41657 - St.Lucia (2816S 3229E): **TM:** 33366, 33367 - The Downs (2408S 3011E): **TM:** 27558, 27560 - Umlalazi Nature Reserve (2856S 3146E): **DNSM:** 5084, 5085.

Tanzania:

Bukoba (0121S 3148E, 1250 m): **ZMB:** 10233, 10234, 54199, 54200, 54522, 67230, 67231, 67239, 67240 - Pangani river (0930S 3527E): **ZMB:** 5603 - Rungwa mountains (0908S 3340E): **UIA:** ABOS-137, ABOS-146, ABOS-151, ABOS-152, ABOS-153 - Tanga (0504S 3906E): **ZMB:** 10128, 10129, 10130, 54369 - Tanga, hole/cave near (ca. 0504S 3906E): **ZMB:** 10226, 10228, 10229, 10230, 10231 - Zanzibar (0610S 3912E): **ZMB:** 67232.

Unknown country:

Ukondjo: **ZMB:** 10237.

Zambia:

Chilanga (1528Cb): **NHMZ:** 16529 - Chipongwe Cave (1538S 2814E): **NMZL:** -A.116 - Mkwisi (1543S 2835E): **NHMZ:** 11418, 11419, 11420 - Reitfontein (1527S 2841E): **NMZL:** -.

Zimbabwe:

Chipinga (2010S 3235E): **TM:** 38450, 42713, 42714, 42715, 42716, 42717, 42719, 42720 - Rusito Forest (2002S 3259E): **TM:** 34762, 34792, 34793 - Zimbabwe Ruins (2017S 3056E): **TM:** 34578, 34579, 34580, 34581, 34582, 34583, 34584, 34585, 34586, 34587, 34588, 34589, 34590, 34591.

Rousettus lanosus Thomas, 1906

Egypt:

Cairo, Gizeh and Theben, between (ca. 2543N 3238E): **BMNH:** 1892.9.9.17, 1892.9.9.19 - El Tur (2814N 3337E): **BMNH:** 1903.12.8.5 - Gizeh (2959N 3107E): **BMNH:** 1892.9.9.18 - Nile: **BMNH:** 1864.12.17.1, 1864.12.17.2 - no specific locality: **BMNH:** 66a - Siwa Oasis (2911N 2531E): **BMNH:** 1936.2.10.18.

Kenya:

Menengai (0012S 3558E): **ZMB:** 66998 - southern slopes Mt ...: **BMNH:** 1910.4.1.6 (Type *Rousettus kemp*).

Rwanda:

Murunda (0154S 2922E): **RMCA:** 80-055-M-0076, 80-055-M-0077, 80-055-M-0082, 80-055-M-0083, 80-055-M-0085, 80-055-M-0087, 80-055-M-0090.

Sudan:

5th cataract of the Nile (1832N 3341E): **BMNH:** 1849.2.8.35.

Tanzania:

Suma: **UIA:** ABOS-127.

Uganda:

Mubuku Valley (13000 ft): **BMNH:** 1906.7.1.2 (Type *Rousettus lanosus*).

Rousettus madagascariensis G. Grandidier, 1929

Madagascar:

Beforona: **MCZ:** 45432.

Rousettus obliviosus Kock, 1978

Comoro Islands:

Anjouan island (1215S 4425E): **ZMB:** 58197, 58198, 58200, 58202, 58207, 67249 - Comoro Islands (1135S 4320E): **ZMB:** 4908 - Grand Comoro island (1135S 4320E): **ZMB:** 58203, 58204, 58205, 58206 - near Boboni (1135S 4320E, 640 m): **ZFMK:** 58207 (Type *Rousettus (Rousettus) obliviosus*).

South Africa:

Caffraria: **ZMB:** 3891.

Scotonycteris ophiodon Pohle, 1943

Cameroon:

Bipindi, Kribi, Bez (0306N 1030E): **ZMB:** 50001.

Ghana:

Oda (05 55 N 00 56 W): **BMNH:** 1946.229 (Type *Scotonycteris ophiodon cansdalei*).

Scotonycteris zenkeri Matschie, 1894

Cameroon:

Bipindi, Kribi, Bez (0306N 1030E): **ZMB**: 54390 - Ebogo: **RMCA**: 73-029-M-0004 - Eseka (0339N 1046E): **RMCA**: 75-003-M-0081 - Meyo Nkoulou (0216N 1120E): **RMCA**: 73-018-M-0090, 73-018-M-0091, 73-018-M-0190, 73-018-M-0191 - Oveng: **RMCA**: 73-018-M-0092 - Yaounde (0352N 1131E, 1025 m): **ZMB**: 66533 - Zoulabot II: **RMCA**: 75-056-M-0062.

Equatorial Guinea:

Fish Town: **BMNH**: 1904.7.1.28 (*Type Scotonycteris bedfordi*) - Nkolentangan: **ZMB**: 50004.

Ghana:

Oda (0555N 0056W): **BMNH**: 1946.898 (*Type Scotonycteris zenkeri occidentalis*).

Asellia tridens (E. Geoffroy St.-Hilaire, 1813)

Algeria:

Algerian Sahara, El Golea (3035N 0251E): **BMNH**: 1912.11.14.2a - El Golea: **BMNH**: 1912.11.14.2 (*Type Asellia tridens diluta*).

Egypt:

"Tor Sinai": **ZMB**: 54359 - Denderah [=Dandarrah] (2610N 3239E): **ZMB**: 67274, 67275, 67276, 67277, 8381, 85641 - near Luxor: **BMNH**: 1912.11.14.2b (*Type Rhinolophus tridens*); **MNH**: A.235 (*Syntype Rhinolophus tridens*), A.237 (*Syntype Rhinolophus tridens*) - no specific locality: **ZMB**: 14968.

Unknown country:

Musa: **ZMB**: 67911.

Cloeotis percivali Thomas, 1901

Congo (Democratic Republic of the):

Dethiox caves: **SMF**: 18920, 18921 - Kasoma cave: **SMF**: 21275 - Kiamokoto (0910S 2704E): **KBIN**: 10792, 10793 - Lubudi (0956S 2558E): **SMF**: 21276, 21277 - Masombwe (0905S 2706E): **KBIN**: 10777, 10789, 10794, 10796, 10800.

Kenya:

Rabai (700 ft): **BMNH**: 1901.5.1.11 (*Holotype Cloeotis Percivali*) - Takaunga: **BMNH**: 1901.5.1.12.

South Africa:

Farm Modderfontein, Howel Davies Caves (2420S 2911E): **TM**: 34575, 34576, 34577, 43255 - Farm Mooimeisjesfontein 147JQ [=Mooimeisjesfontein, Mooimysjesfontein, Mooimysjesfontein] (2501S 2737E): **TM**: 1669, 1670, 1671, 1672, 1673, 1674, 1675, 1676 - Figaro Mine (2527S 3128E): **TM**: 39774 - Komatiport, 3.2 km N (2526S 3156E): **TM**: 17503 - Mantuma Camp (3237S 3212E): **DNSM**: 1616, 4071 - Mooimeisjesfontein (2501S 2737E): **TM**: 1690 (*Holotype Cloeotis percivali australis*) - Pongolapoort Dam [=Pongola dam], dams inspection tunnels (2725S 3204E): **DNSM**: 4570, 4571, 4594, 4595, 4596, 4598, 4599, 4600, 4702, 4703, 4805, 5100, 5101, 6195, 6196, 6197, 6198, 6199, 6200, 6201, 7115 - Sudwala Caves area, Miggiesgat cave (252309S 304104E): **TM**: 46644 - Waterberg, Rooiberg (2446S 2744E): **ROM**: 77892, 77893 - Waterval: **TM**: 47615 - Wonderboom cave (2541S 2812E): **TM**: 2101, 2102.

Swaziland:

Wylidesdale (2549S 3116E): **DNSM**: 8026, 8027; **TM**: 1987, 1988, 1989.

Unknown Country:

: **TM**: 43253, 43254.

Zambia:

Kafue Gorge (1551S 2827E): **NHMZ**: 10067, 10072, 10073, 10074, 10075; **RMCA**: 29243, 29244 - Kafue Gorge, near: **BMNH**: 1959.358, 1959.359 - Missale Old Mine (1405S 3259E): **BMNH**: 1966.5456, 1966.5456a, 1966.5456b, 1966.5457, 1966.5458; **NHMZ**: 20077, 20098, 20103, 20177, 20180, 20189 - Ngwerere cave (1518S 2820E): **ROM**: 73970 - Ngwerere cave (1525S 2817E): **SMF**: 47482, 47483.

Zimbabwe:

: **HZM**: -a - Deka, Zambezi confluence (1805S 2638E): **HZM**: - - Falcon College (2013S 2855E): **NHMZ**: 56205, 56526 - Great Zimbabwe (2016S 3056E): **NHMZ**: 58497, 58498 - Kaukua Cave (1701.9S 3005.2E): **NHMZ**: 31143 - Mcllwaine, lake (1754S 3047E): **NHMZ**: 58474, 58475, 58492 - Mutare (1900S 3240E): **NHMZ**: 19885, 25859, 33408, 33409, 33410, 58137, 58173, 58174, 58175, 58477, 58478, 58479, 58480, 58481, 58482, 58483, 58484, 58485, 58486, 58487, 58488, 58489, 58490, 58491, 58493, 58494, 58495, 58496, 58499, 58500, 58501, 58502, 58503, 58504, 58505, 58506, 58509, 58510, 58511, 58512, 58513, 58514, 58515, 58516, 58517, 58736, 58737; **ROM**: 64787, 64788, 64789, 64790, 64791, 64800, 64801, 64802, 64803, 64808, 64809, 64810, 64821, 64822, 64825, 64826, 64827, 64828, 64836 - Sengwa Wildlife Research Station (1810S 2813E): **NHMZ**: 64805, 64806, 64807, 64808; **ROM**: 83964, 87395, 88422 - Triangle, MacDougall's Tunnel (2107S 3122E): **NHMZ**: 58507 - Umtali mine adit [=Umtali Old mine] (1904S 3241E): **DNSM**: 3685, 5183; **TM**: 34662, 34663, 34664, 34665, 34666, 34667, 34668, 34669, 34670, 34671, 34672, 34673, 34674, 34675, 34800, 34801, 34809, 34810, 34811, 34812, 34813, 38265.

Hipposideros Gray, 1831

Namibia:

Otjimbingwe (2221S 1608E): **TM**: 42810.

South Africa:

Cape of Good Hope: **ZMB**: 4732.

Swaziland:

Maguga (2631Aa): **NMB**: 11570.

Hipposideros abae J.A. Allen, 1917

Congo (Democratic Republic of the):

Aba (0353N 3017E): **AMNH**: 49123; **TM**: 4564.

Hipposideros caffer (Sundevall, 1846)**Angola:**

Chinchoxo (ca. 0505S 1202E): **ZMB:** 6280, 8396 - Rio Coroca: **BMNH:** 1906.1.3.2 (*Syntype Phyllorhina angolensis*).

Botswana:

Okovango River Lodge (2037S 2238E): **TM:** 39268.

Cameroon:

Bipindi, Kribi, Bez (0306N 1030E): **ZMB:** 10166, 10167, 67704, 67705, 67706 - Bonge: **ZMB:** 6945 - Isongo [=Izongo] (0405N 0901E, 30 m): **ZMB:** 67679, 67680, 67681, 67682, 67683, 67684, 67728, 67729, 67730 - Lulu: **ZMB:** 33338 - Mubange [=Mobange-Isongo] (0450N 0900E, 30 m): **ZMB:** 93814, 93820 - Mukonje (0437N 0930E, 250 m): **ZMB:** 67672, 67673, 67674, 67675, 67676, 67677, 67678, 93813, 93815, 93816, 93817, 93818, 93819 - Mungo Anchoncho [Moungo river?] (0403N 0933E): **ZMB:** 5005, 8390 - Ndian [river] (0445N 0844E): **ZMB:** 6944, 6946b - Nsannakang [=Nsanakang] (0553N 0859E): **ZMB:** 67691, 67761, 67762, 67763 - Ossidinge [=Mamfe] (0547N 0918E, 133 m): **ZMB:** 67688 - Yaounde (0352N 1131E, 1025 m): **ZMB:** 8424.

Congo (Democratic Republic of the):

Faradje (0344N 2943E): **AMNH:** 49426 (*Type Hipposideros nanus*).

Equatorial Guinea:

Attogondama: **ZMB:** 67686, T09913.

Eritrea:

Keren (1546N 3827E, 1400 m): **ZMB:** 2795.

Ethiopia:

Dire Dawa (0932N 4153E, 1250 m): **ZMB:** 41743, 42754, 42755.

Ghana:

Abokobi (0544N 0012W): **ZMB:** 4789, 8394, 8395 - Elmina (0505N 0121W): **ZMB:** 2571 - Goldküste [=Goldcoast]: **ZMB:** 2955.

Guinea:

no specific locality: **ZMB:** 366, 367, 368, 4520.

Kenya:

Kibwesi (0225S 3758E, 1000 m): **ZMB:** 67660, 67661, 67671, 67690, 67764.

Morocco:

Mogador: **MNCN:** 110 (*Type Hipposiderus tephrus*) - Mogador [=Essaouira] (3131N 0946W): **ZMB:** 74614, 74615 - Taguidert: **ZMB:** 74613.

Mozambique:

Ibo (1459S 4041E): **ZMB:** 365 - Mazambo (2323S 3222E): **TM:** 1637 - Muchena (1537S 3352E): **TM:** 14666 - Muchena (1607S 3337E): **TM:** 1057 - Mzambo (2323S 3222E): **TM:** 1638 - Tette [=Tete] (1610S 3335E, 230 m): **ZMB:** 364, 85624 - Vila Gamito, 10 km N (1407S 3252E): **TM:** 14668, 14669, 14670, 14671, 14672, 14673, 14674, 14675, 14676, 14677, 14678, 14679, 14680, 14681 - Villa Moatize, 17 km E (1605S 3342E): **TM:** 41544.

Namibia:

Bat's hole [=Bats cave] (2239S 1531E): **TM:** 28904, 28905 - Hot Spring (2237S 1707E): **TM:** 5799 - Ombombo (1843S 1353E): **ZMB:** 42758 - Otjimbingue (2215S 1610E): **ZMB:** 3296a, 8399, 8400, 8401 - Otjimbingwe (2221S 1608E): **TM:** 16369, 16370, 16371, 16372, 16373, 16374.

Rwanda:

Kissenji [=Gisenyi] (0142S 2915E, 1450 m): **ZMB:** 67685.

São Tomé and Príncipe:

Príncipe island (ca. 0137N 0725E): **ZMB:** 3468.

Somalia:

Mogadischu [=Mogadishu =Moqdisho] (0204N 4522E): **ZMB:** 67663, 67664, 67665, 67666, 67667, 67692, 67708, 67709, 67710, 67711, 67712, 67713, 67714, 67715, 67716, 67717, 67718, 67719, T10213.

South Africa:

(2403S 3106E): **TM:** 24256, 24257, 24258, 24259, 24260, 24261, 24262, 24263, 24264, 24265, 24266, 24267, 24268, 24269, 24270, 24271, 24272, 24273, 24274 - Bangu gorge caves (2407S 3152E): **TM:** 36893 - Blyderivierspoort Nature Reserve, Bourkes Luck (2440S 3048E): **TM:** 40825 - Bobomene Research Camp (22250S 311250E): **TM:** 39468 - Bube pan (2747S 3212E): **DNSM:** 4575, 4579, 4580, 4581, 4584, 4588; **TM:** 35300, 35301, 35302, 35303, 35304, 35305, 35306, 35307, 35308, 35343, 35344, 35345, 35346, 35347, 35348, 35349, 35350 - Dlinza Forest (2853.99S 3127.00E): **DNSM:** 5073 - Doornkraal Camp Site (2731S 3122E): **DNSM:** 5995, 5996, 5997 - Dukuduku Forest Station (2818S 3213E): **TM:** 40351, 40352, 40389, 40397, 40398, 40399, 40400, 40418, 40419 - Dumisa Gold Mine (3016S 3021E): **TM:** 30136, 30139, 30148 - Esperanza [=Beneva] Tunnel (3020.64S 3037.89E): **DNSM:** 5076, 5077 - Farm Elandsfontein 435KT, Bourke's Luck (2440S 3048E): **TM:** 46483 - Farm Goudhoek (2818S 3101E): **TM:** 36358, 36359, 36368, 36369, 36370, 36371, 36372, 36373, 36374, 36375, 36376, 36377, 36378, 36379, 36380, 36381, 36382, 36383, 36384, 36385, 36386, 36387, 36411, 36412, 36413 - Farm Hilda [=V.L.NR.] (2229S 2913E): **TM:** 45420 - Farm Mooimijiesfontein (2501S 2737E): **TM:** 1640, 1641, 1642, 1643, 1644, 1645, 1646, 1647 - Farm Tygerkloof 354 (244140S 271233E): **TM:** 45220, 45222 - Farm Urk 10 [= Blouberg Private Nature Reserve] (2302S 2907E): **TM:** 24067, 24082 - Farm Zwarthoek 794 (2259S 2953E): **TM:** 4905 - Figaro Mine (2527S 3128E): **TM:** 39781, 39782, 39783, 39784, 41309, 41310, 41311, 41312, 41313, 41314, 41315, 41316, 41317, 41318 - Gwalali (2225S 3118E): **TM:** 38851 - Harold Johnson Nature Reserve (291241S 312528E): **DNSM:** 5533 - Hectorspruit (2526S 3141E): **TM:** 1048, 1049, 1050, 1051, 1052, 1053, 1054, 1055, 1056, 41013 - Ingwavuma (2708S 3202E): **TM:** 7121 - Jozini Dam: **DNSM:** 5097, 5098 - Kumsinga Hide: **DNSM:** 4572 - Levuhu hippo pool (2226S 3111E): **TM:** 30546 - Levuvhu Hippo Pool (2226S 3111E): **TM:** 34182 - Leydsdorp (2359S 3031E): **TM:** 1493, 4831, 4832 - Loskop Dam Nature Reserve (2525S 2920E): **TM:** 19835, 19840, 19852 - Louw's Creek (2539S 3118E): **TM:** 2475 - Lower Sabie Rest Camp, 15 km SE (251150S 3202E): **TM:** 39771 - Makalali Farm (2352S 3022E): **TM:** 38567, 38568 - Malelane Old Mine Shaft: **TM:** 47616 - Malvern (2953S 3056E): **TM:** 1047, 42817 - Manyeleti Game Reserve, Main Camp (2438S 3128E): **TM:** 39228 - Mockford Garden (2225S 3118E): **TM:** 38522 - Mokeetsi (2340S 3005E): **TM:** 3035, 3036 - Mooiplaas, SAPPI (283347S 310911E): **DNSM:** 4561, 4704, 4705, 4706, 4707, 4708, 4709, 5599, 5600, 5601, 5602, 5603 - Msinga Hide: **DNSM:** 4586, 4587, 4592, 4593 - Mutale River (2230S 3050E): **TM:** 7469, 7470, 7471 - near Port

Natal [=Durban]: **BMNH**: 1846.6.2.16.1 (*Cotypho Rhinolophus caffer*), 1849.11.22.11 (*Syntype Rhinolophus caffer*) - Ngqeleni (3140S 2902E): **TM**: 1046, 41014 - Old Picnic Site (222530S 3118E): **TM**: 36962, 36963, 36964, 36965, 36966, 36967, 36968, 36969, 38264 - Oribi-Lind Valley Game Ranch (3043S 3016E): **TM**: 34338, 34339, 34340, 34341, 34342, 34343 - Pongola Biosphere Reserve, Mpalane Lodge: **DNSM**: 7858 - Port Natal [=Durban] (2953S 3100E): **ZMB**: 4189 - Port St. Johns (3138S 2933E): **TM**: 7804, 7805, 7806, 7807, 7808, 7809 - Sabie (2506S 3048E): **TM**: 42816 - Sabie Forest Rest Area: **TM**: 47150 - Sezela, 3 Msinzi Avenue: **DNSM**: 5043 - Skukuza Koppies (2459S 3135E): **TM**: 13473 - Soekmekaar, Groenbult (2332S 295530E): **TM**: 44233 - Stoltznek Dam (2522S 3122E): **TM**: 30048 - The Downs (2408S 3011E): **TM**: 27507, 27509, 27510, 27511, 27512, 27513, 27514, 27515, 27516 - Tshokwane Picnic spot, 12 km E (2447S 3157E): **TM**: 39735 - Tzaneen (2350S 3010E): **TM**: 7084 - Umfolozi Game Reserve (2819S 3150E): **TM**: 3019, 3020, 3021 - Umtramvuna Gorge Nature Reserve (301027S 301013E): **DNSM**: 5457, 5458 - Vernon Crookes Nature Reserve (3016S 3036E): **TM**: 29794, 29802.

Sudan:

Bahr el Jebel (0445N 3135E): **ZMB**: 42430, 67689 - Seriba Ghatta (0724N 2836E): **ZMB**: 26555, 26557, 26559, 26561, 3296b, 3799, 6255, 67720, 67721, 8397, 8398.

Swaziland:

Bhubesi Camp (2611S 3152E): **TM**: 47721 - Maguga (2631Aa): **NMB**: 11566, 11567, 11568, 11571 - Mlawula Nature Reserve (2612S 3201E, 760m): **TM**: 44898 - Wyldesdale (2549S 3116E): **TM**: 1985, 1986.

Tanzania:

Amani (0510S 3847E, 1000 m): **TM**: 14018, 29272, 29275; **ZMB**: 67670, 67687 - Ambangulu Estates (0445S 3815E): **ZMB**: 67668, 67669 - Kafukola C. Rukwa: **TM**: 31097, 31098, 31099, 31100 - Lindi (1000S 3943E): **ZMB**: 4240b, 9239, 9241, 9242 - Marungu (0513S 3901E): **ZMB**: T09819 - Mikindani (1016S 4005E): **ZMB**: 67662 - Mtandika (0732S 3626E): **ZMB**: 61009, 61010, 61011, 61012, 61013, 61014 - Tanga (0504S 3906E): **ZMB**: 10107, 11395, 11396, 11397, 11398.

Unknown Country:

: **TM**: 42642, 42643, 42810A, 42811, 42812, 42813, 42814, 42815, 43608 - Engeremgere: **ZMB**: 6711.

Zambia:

Farm Xanadu (1525S 2816E): **TM**: 41877.

Zimbabwe:

Baruri Gorge (1727Db): **NHMZ**: 58521, 58522 - Bulawayo (2007S 2835E): **NHMZ**: 58541, 63510, 63511, 63512, 63513, 63514, 63515, 63516 - Chete Safari Area, Eastern Section (1722S 2737E): **NHMZ**: 57423, 57424 - Chikwarakwara Irrigation Scheme (2231Ac): **NHMZ**: 84174, 84181, 84227 - Chimanda CL (1638S 3215E): **NHMZ**: 58550, 58551 - Chiredzi, 24 km E (2103S 3146E): **NHMZ**: 58622, 58700 - Chirisa Cave (1737S 2822E): **NHMZ**: 64777, 64778, 64779, 64780 - Chirisa Cave (1741S 2823E): **TM**: 34927, 34928, 34929, 34930, 34931, 34932, 34933, 34934, 34935, 34936, 34937, 34938, 34939, 34940, 34941, 34942, 34943, 34944, 34945, 34946 - Cotswold farm (1829Dd): **NHMZ**: 30563 - Dawn Hill Mine: **NHMZ**: 7368 - Dumbu Pan (1652S 2822E): **NHMZ**: 61970, 61971, 61972 - Eirene farm (1822S 3137E): **NHMZ**: 58705 - Falcon College, Bushtick Mine (2013S 2855E): **NHMZ**: 32151, 32152, 32153, 32154, 32155, 32156, 32157, 32158, 32159, 32160, 32205, 32206, 32207, 32208, 32209, 32210, 32211, 32212, 32213, 32214, 32215, 32216, 32217, 32218, 32219, 32220, 32221, 32222, 32253, 32266, 32267, 32268, 32269, 32270, 32271, 32272, 32273, 32274, 32275, 32276, 32277, 32326, 32327, 32328, 32329, 32330, 32331, 32332, 32333, 32334, 32363, 32364, 32365, 32366, 32367, 32368, 32369, 32388, 32389, 32390, 32391, 32392, 32672, 32673, 32674, 32877, 32878, 32879, 32880, 32881, 32882, 32883, 32884, 33295, 33296, 33297, 33298, 33428, 56298, 56299, 56300, 56301, 56302, 56305, 56525, 58540, 58602, 58603, 58604, 80907, 80908, 80909, 80910, 80911, 80912, 80913 - Fort Rixon (2007S 2922E): **NHMZ**: 59411, 59412, 59413, 59414, 59415, 59416 - Frog Mine (1752S 2952E): **NHMZ**: 58535, 58598, 58599, 58600, 58670, 58671, 58672 - Gatshe Gatshe Bay (1652S 2852E): **NHMZ**: 30698, 31334, 31335, 31336, 31337 - Great Zimbabwe (2016S 3056E): **NHMZ**: 58527, 58528, 58543, 58544, 58593, 58640, 58641, 58642, 58643, 58644, 58645, 58646, 58647, 58648, 58649, 58650, 58651, 58652, 58653, 58654, 58655, 58656, 58657, 58658, 58659, 58660, 58661, 58662, 58663, 58664, 58665, 58666, 58667, 58668, 58669 - Great Zimbabwe, Garden Cave (2027S 3049E): **ROM**: 64947, 64948, 64956, 64958, 64959 - Guluene Corridor South (2152S 3152E): **NHMZ**: 58562, 58563, 58564, 58565, 58566, 58567, 58568, 58569, 58570, 58605, 58606, 58607, 58608, 58609, 58610, 58611, 58612, 58613, 58614, 58615, 58616, 58617, 58618 - Gwaii Bridge, 6 km W on falls road (1837S 276E): **TM**: 34979, 34980, 34981, 34982 - Gwaii River, 1 km N (1837S 2710E): **NHMZ**: 30083 - Happy Valley Farm (2019S 2843E): **ROM**: 64624, 64625, 64626, 64627, 64628, 64629, 64630, 64631, 64632, 64633, 64634, 64635, 64636, 64637, 64638, 64639, 64640, 64641, 64642, 64643, 64644, 64645, 64646, 64668, 64669, 64670, 64671 - Harare, 19 km NW: **NHMZ**: 58549 - Harare, Christon Bank: **NHMZ**: 58620 - Harare, Cranborne (1731Ca): **NHMZ**: 58556 - Hoya River Camp (1627S 3129E): **NHMZ**: 84378, 84379 - Hwange National Park, Main Camp (1844S 2657E): **NHMZ**: 58531 - Ingwe Mine (2037S 2922E): **NHMZ**: 12709, 12712, 12714, 12715, 12733 - Kanyemba (1540S 3025E): **NHMZ**: 58534 - Kariba (1631S 2847E): **NHMZ**: 58702, 62078, 9565 - Kariba, island in (1628Cd): **NHMZ**: 82362 - Kariba, lake (1652S 2822E): **NHMZ**: 58703 - Kariba, lake (1707S 2752E): **NHMZ**: 58704 - Karna Block Ranch: **NHMZ**: 31338 - Katombora Rapids (1725Cc): **NHMZ**: 80264, 80265, 80266, 80267, 80268, 80269, 80270, 80271, 80272, 80273, 80274, 80275, 80276, 80277, 80278, 80279, 80280, 80281, 80282, 80283, 80284, 80285, 80286, 80287, 80288, 80289, 80290, 80291, 80292, 80293 - Kaukua Cave (1701.9S 3005.2E): **NHMZ**: 31142 - Lusulu Tsetse Station (1807S 2752E): **NHMZ**: 57610, 57611, 57612, 57613 - Mabalauta Camp (2156S 3128E): **NHMZ**: 58576 - Mabura 2 Cave (1807S 2922E): **NHMZ**: 30657 - Malapati Nuanetsi River (2204S 3126E): **NHMZ**: 58590 - Malilangwe Conservancy [=Lone Star Ranch]: **NHMZ**: 31586, 31670, 31671 - Manzituba: **NHMZ**: 51519, 51520, 58518 - Marondera (1807S 3137E): **NHMZ**: 58557 - Matema Camp (2007S 3037E): **NHMZ**: 58591, 58592, 58594 - Mchesu River (1727Da): **NHMZ**: 64776 - Msitwe and Mtoroshanga rivers, confluence (1630Dc): **NHMZ**: 58555 - Munyati (1839S 2946E): **NHMZ**: 58552 - Munyati, Rhino [=Chimsoro] Cave: **NHMZ**: 29779, 29780, 29781, 29782 - Mutare (1900S 3240E): **NHMZ**: 19884, 58545, 58558, 58572, 58579; **ROM**: 64779, 64780, 64781, 64782, 64783, 64792, 64793, 64794, 64795, 64796, 64797, 64798, 64799, 64804, 64805, 64806, 6482, 64835 - Mutare Asbestos Mine (1855S 3237E): **NHMZ**: 33401, 33402, 33403, 33404, 33405, 33406, 58532, 58537, 58538, 58539, 58547, 58623, 58624, 58625, 58626, 58627, 58628, 58629, 58630, 58631, 58632, 58633, 58634, 58635, 58636, 58637, 58638, 58639, 58678, 58679 - Mutare, 15 km W: **NHMZ**: 58571, 58581, 58582, 58583, 58584, 58585, 58586, 58587, 58588, 58589 - Muzveve Communal Land: **NHMZ**: 30564, 30565, 30566, 30567 - Mvurwi (1646S 3057E): **NHMZ**: 57751 - Ngamo Pan (1908S 2728E): **NHMZ**: 58548 - Nyamepi Camp (1537S 2922E): **NHMZ**: 58578 - Nyashato Dam (1707S 3207E): **NHMZ**: 32592, 32593, 32594 - Nyazura (1843S 3210E): **NHMZ**: 58529 - Old Mine Adit [=Umtali Old mine] (1905S 3242E): **TM**: 34686, 34687, 34688, 34689, 34690, 34691, 34692, 34693, 34694, 34695,

34696, 34697, 34698, 34699, 34802, 34803, 34804, 34805, 34806 - Peak Mine (2029Db): **NHMZ**: 6917 - Penhalonga (1852S 3237E): **NHMZ**: 58573 - Penhalonga (1853S 3242E): **NHMZ**: 58536 - Redrups Kop Mine: **NHMZ**: 9936, 9937 - Rupisi Hot Spring (1919S 3229E): **NHMZ**: 58546, 58554 - Sanyati West Camp (1628Da): **NHMZ**: 57208 - Save River: **NHMZ**: 6930 - Save Valley (2007S 3222E): **NHMZ**: 58560, 58561 - Sengwa Wildlife Research Station (1810S 2813E): **NHMZ**: 55937, 58553, 58673, 58674, 63531, 64781, 64782, 64783; **ROM**: 83962, 83965, 83970, 83974, 83975, 83976, 84010, 87416, 87417, 87418, 87419, 87422, 87423, 87424, 87425, 87432, 87433, 87434, 87435, 88407, 88408, 88409, 88410, 88416, 88419, 88421, 88423, 88424 - Sentinal Ranch (221010S 293020E): **TM**: 41438 - Sentinel Ranch (2207S 2937E): **NHMZ**: 30795, 30796, 30797, 30798, 30799, 30800, 30801, 30802, 30803, 30804 - Sentinel Ranch (2209S 2928E): **NHMZ**: 29919, 29931, 29932, 29933, 29934, 29935, 29936, 29937, 29938, 29939, 29940, 29941, 29942, 29943, 29944, 29945, 29970, 30209, 30671, 31656, 31657, 83895, 83896 - Shamva, 48 km NE: **NHMZ**: 57191, 57210 - Shurugwi (1937S 3007E): **NHMZ**: 31806, 31808, 31809, 31811, 31842 - Singereeri Hills (1737S 3107E): **NHMZ**: 30524, 30525, 30526, 30527, 30528, 30529; **ROM**: 64457 - Tanganda Bridge: **NHMZ**: 58530 - Tashinga (1652S 2822E): **NHMZ**: 58559, 58619 - Tsungwesi Gauno Cave (1907S 3207E): **NHMZ**: 30509, 30510, 30511, 30512, 30513, 30514, 30515, 30516, 30517, 33384, 33385, 33386, 33387, 33388 - Tuli Camp (2154S 2913E): **NHMZ**: 32830, 56250, 56251, 56252, 56253, 56254, 56255, 56256, 56257, 56258, 56259, 56260, 56261, 56262, 56263, 56264, 56265, 56266, 56267, 56268, 56269, 56273, 56274, 56275, 56276, 56277 - Victoria Falls (1726Cc): **NHMZ**: 29675, 29676, 29677, 29678, 29679, 29680 - Wallaby Claims (2029Cb): **NHMZ**: 5498 - Wildwood Sanctuary: **NHMZ**: 58533 - Willow Park (2028Bd): **NHMZ**: 32355, 55633, 55634, 80145, 80146, 80147, 80148, 80149.

Hipposideros camerunensis Eisentraut, 1956

Cameroon:

Meyo Nkoulou (0216N 1120E): **RMCA**: 73-018-M-0094, 73-018-M-0096, 73-018-M-0097, 73-018-M-0099, 73-018-M-0100.

Hipposideros commersoni (E. Geoffroy St.-Hilaire, 1813)

Angola:

no specific locality: **ZMB**: 3042.

Botswana:

Drostky's Caves (2007S 2122E): **TM**: 14754 - Drostky's Cave (2007S 2122E): **NHMZ**: 63379, 63380, 63381, 63382, 63383, 63391, 63392, 63393, 63394, 63395, 65197, 65198, 65199, 65200 - Kaikai, 20 mi SE (1852S 2122E): **TM**: 14755, 14756, 14757, 14758, 14759 - Maun (1959S 2325E): **NHMZ**: 65201 - Pom Pom Okovango (1922Db): **NHMZ**: 59223 - Tsanogo: **NHMZ**: 65202.

Cameroon:

Bipindi, Kribi, Bez (0306N 1030E): **ZMB**: 21671 - Malanga: **ZMB**: 5850 - Meyo Nkoulou (0216N 1120E): **RMCA**: 73-018-M-0101, 73-018-M-0102, 73-018-M-0103, 73-018-M-0104, 73-018-M-0105 - no specific locality: **ZMB**: 4958.

Chad?:

Korkoru [=Korkoro ?] (1252N 2101E): **ZMB**: 67769.

Congo (Democratic Republic of the):

Marungu (0643S 2931E): **ZMB**: 6312 - Niangara (0345N 2752E): **AMNH**: 49103 (*Type Hipposideros gigas niangarae*).

Ethiopia:

Anole Wells (0419N 3826E): **ZMB**: 67767, 67768.

Guinea-Bissau:

Bissau [Island] (1152N 1539W): **ZMB**: 4517 - Madina Boé (1145N 1313W): **RMCA**: 15305 (*Type Hipposideros gigas viegas*), 15306 (*Type Hipposideros gigas viegas*).

Kenya:

Mombas [=Mombassa] (0403S 3940E): **ZMB**: 5429 - Tana River: **BMNH**: 1889.3.8.3 (*Holotype Hipposideros Commersoni mostellum*).

Madagascar:

Andranohinaly (2317S 4359E): **ZMB**: 67766 - Betsileo: **ZMB**: 6010 - Tuléar (ca. 2322S 4340E): **ZMB**: 67765.

Mozambique:

Dabacua Setache (2133Ba): **NHMZ**: 63386 - Gruta Magochene (2122S 3452E): **NHMZ**: 63384, 63385 - Ibo (1459S 4041E): **ZMB**: 363, 37150 - Nyaboa Caves (2022S 3337E): **NHMZ**: 64271, 64272 - Zimbiti (1933S 3445E): **TM**: 1027 - Zinave (2122S 3352E): **NHMZ**: 63387.

Namibia:

Farm Otjikoko Sud 61 [Pipistrelle Cave] (2118S 1627E): **TM**: 37635 - Grootfontein (2502S 1648E): **ZMB**: 54666 - Namutoni (1848S 1658E): **TM**: 2435, 2436 - Nassengehöhle: **ZMB**: 53895 - Quickborn (2107S 1707E): **TM**: 3495 - Quickborn (2152S 1652E): **TM**: 4881 - Windhoek (2234S 1706E, 1777 m): **ZMB**: T10184.

Réunion:

Réunion: **ZMB**: 4616.

Rwanda:

Gisenyi (0142S 2915E): **RMCA**: 16286.

South Africa:

(2226S 3111E): **TM**: 36473 - Fig Tree Camp (2225S 3111E): **TM**: 38882 - Maditobe [=Witsand] Dam (2241S 312E): **TM**: 39492 - Old Fig Tree Forest (2225S 3111E): **TM**: 42004 - Old Picnic Site (222530S 3118E): **TM**: 39497.

Sudan:

Nubia: **ZMB**: 74612.

Tanzania:

Bagamoyo (0626S 3855E, 0 m): **ZMB**: 54673 - Karema (ca. 0649S 3026E): **ZMB**: T09962 - Malindi (0437S 3818E): **ZMB**: 5595, 67770 - Marungu (0513S 3901E): **ZMB**: 86257, 86258, 86259, T09820 - Myai (0648S 3912E): **TM**: 2048 - Tanga (0504S 3906E): **ZMB**: 10111 - Zanzibar (0610S 3912E): **ZMB**: 2608.

The Gambia:

Gambia: **BMNH**: 1842.9.27.36 (*Type Hipposiderus gigas gambiensis*).

Unknown country:

Jub: **ZMB**: 67771.

Zambia:

Chilanga cave (1534S 2822E): **TM**: 13527, 13528 - Chilanga Caves (1533S 2816E): **NHMZ**: 25860, 25861, 25862, 25863, 25864, 64267, 64268, 64269 - Chipongwe Cave (1538S 2814E): **NHMZ**: 12259, 12260 - Lochinvar Kafue Flats (1552S 2707E): **NHMZ**: 22973, 22974 - Mandala Camp: **NHMZ**: 31373 - Missale Old Mine (1405S 3259E): **BMNH**: 1966.5455 - Sasare Old Mine (1355S 3122E): **NHMZ**: 20252, 20253, 20254, 20255, 20257, 20266, 20271, 20272, 20273, 20274, 20275, 20277, 20278, 20280, 20282, 20283, 20284.

Zimbabwe:

Bashungwe Cave (1707S 2907E): **NHMZ**: 31141 - Bulawayo (2007S 2835E): **NHMZ**: 65146, 9846 - Bulawayo, 20 km N: **NHMZ**: 65159 - Chinoyi Caves (1722S 3005E): **NHMZ**: 65157, 67015 - Chiredzi (2102S 3132E): **NHMZ**: 65148 - Chitove Tsetse Camp (2132Aa): **NHMZ**: 65152 - Dete (1840S 2655E): **NHMZ**: 65145 - Dinosaur Trackway (1630Aa): **NHMZ**: 67034 - Eirene farm (1822S 3137E): **NHMZ**: 33400, 57206, 57207, 63389 - Gordon Park (2028S 2832E): **NHMZ**: 67041, 67042, 67043 - Great Zimbabwe (2016S 3056E): **NHMZ**: 65162 - Gwingingwi farm: **NHMZ**: 65142 - Harare Centre (1750S 3104E): **NHMZ**: 65151, 65154 - Harare, Civic Centre (1731Cc): **NHMZ**: 33407 - Kabuba Camp (1756S 2739E): **NHMZ**: 33610, 33611 - Mabura 1 Cave: **NHMZ**: 30221, 30222, 30223, 30224, 30225, 30226, 30227, 30228, 30229, 30230, 30231, 30232, 30233, 30234, 30235, 30236, 30238, 30239, 30240, 30241, 30242, 30243, 30244, 30245, 30246, 30247, 30248, 30249, 30250, 30251, 30252, 30253, 30254, 30255, 30256, 30257, 30258, 30259, 30260, 30261, 30262, 30263, 30279, 30339, 30357, 30358, 30359, 30360, 30361, 30362, 30363, 30462, 30463, 31627, 31696, 31702, 31703, 31707, 31713, 32796, 82240, 82241, 82242, 82243, 82244, 82885, 82886, 82887, 82888, 82889, 82890, 82891, 82892, 82893, 82894, 82895, 82896, 82897, 82898, 82899, 82900, 82901 - Magurazino River (1737S 2822E): **NHMZ**: 64775 - Marondera, Eirene farm (1822S 3137E): **NHMZ**: 63390 - Mazoe Citrus Estate (1707S 3052E): **TM**: 41875 - Monavale (1750S 3104E): **NHMZ**: 65158 - Mushandike National Park (2030Bb): **NHMZ**: 65149 - Mutare (1900S 3240E): **NHMZ**: 65153, 65155 - Mvurwi (1646S 3057E): **NHMZ**: 57609 - Nyashato Dam (1707S 3207E): **NHMZ**: 32396, 32397, 32398 - Odzi (1857S 3223E): **NHMZ**: 65144 - Quagg's Hoek: **NHMZ**: 65150 - Sengwa Wildlife Research Station (1810S 2813E): **NHMZ**: 63388, 65143 - Shangani River (1837S 2722E): **NHMZ**: 32669 - Shangani River (1848S 2754E): **NHMZ**: 33609 - Strickland Lodge (1852S 3237E): **NHMZ**: 60630 - Tashinga (1652S 2822E): **NHMZ**: 65147 - Warren Hills (1752S 3058E): **NHMZ**: 65160 - Willow Park (2028Bd): **NHMZ**: 54164.

Hipposideros curtus G.M. Allen, 1921

Cameroon:

Kumba (0438N 0923E): **ROM**: 37810, 37818 - MVE II, cave: **ROM**: 54916, 54917, 54918, 54919, 54920, 54921 - Sakbayeme (0402N 1034E): **MCZ**: 19305 (*Holotype Hipposideros curtus*) - Yoko, 4 km S: **ROM**: 56103.

Hipposideros cyclops (Temminck, 1853)

Cameroon:

Bebai: **ZMB**: 67749, 67750 - Bipindi, Kribi, Bez (0306N 1030E): **ZMB**: 67752, 67753, 67754, 67755, 67756, 67757, 67758, T10541 - Isongo [=Izongo] (0405N 0901E, 30 m): **ZMB**: 54912, 54913, 54914, 54915, 93802, 93803, 93804 - Meyo Nkoulou (0216N 1120E): **RMCA**: 73-018-M-0106, 73-018-M-0107, 73-018-M-0108, 73-018-M-0109, 73-018-M-0110, 73-018-M-0111, 73-018-M-0112, 73-018-M-0113, 73-018-M-0115 - no specific locality: **ZMB**: 62567, 67748, 67759.

Congo (Democratic Republic of the):

Avakubi (0118N 2735E): **AMNH**: 49098 (*Type Hipposideros langi*).

Gabon:

Como River: **BMNH**: 1897.12.1.7 (*Holotype Rhinolophus micaceus*).

Hipposideros fuliginosus (Temminck, 1853)

Cameroon:

Bipindi, Kribi, Bez (0306N 1030E): **ZMB**: 55575, 55576, 67698 - Mungo Anchoncho [Moungo river?] (0403N 0933E): **ZMB**: 5033, 8389.

Ghana:

Goldküste [=Goldcoast]: **ZMB**: 3559, 8391, 8392, 8393.

Tanzania:

Tabora (0143S 3446E): **ZMB**: 67697.

Hipposideros jonesi Hayman, 1947

Cameroon:

Touroua (0905N 1258E): **RMCA**: 76-014-M-0022.

Sierra Leone:

Makeni (0857N 1202W): **BMNH**: 1947.629 (*Type Hipposideros jonesi*).

Hipposideros lamottei Brosset, 1985

Guinea:

Mount Nimba (0741N 0822W): **MNH**: CG 1984-487, CG 1984-488 (*Cotype Hipposideros lamottei*), CG 1984-489 (*Cotype Hipposideros lamottei*).

Hipposideros ruber (Noack, 1893)

Cameroon:

Cameroon: **RMCA**: 75-003-M-0136 - Campo (0224N 0951E): **RMCA**: 75-056-M-0153 - Jauro Masali (0620N 0325E,

1300 m): **ZFMK**: 88.96, 88.97 - Lomie district (0310N 1337E): **RMCA**: 75-056-M-0104 - Mieri (0415N 1359E): **RMCA**: 76-014-M-0055, 76-014-M-0056, 76-014-M-0058, 76-014-M-0060, 76-014-M-0062, 76-014-M-0064, 76-014-M-0065, 76-014-M-0066, 76-014-M-0067, 76-014-M-0068, 76-014-M-0069, 76-014-M-0070, 76-014-M-0071, 76-014-M-0072, 76-014-M-0073, 76-014-M-0074, 76-016-M-0053 - Nkounden: **RMCA**: 76-014-M-0078.

Congo (Democratic Republic of the):

Niapu (0225N 2631E): **AMNH**: 49414 (*Type Hipposideros caffer niapu*).

Equatorial Guinea:

Attogondama: **ZMB**: T09914.

Gabon:

Como River, almost sea-level: **BMNH**: 1897.12.1.11 (*Type Hipposideros caffer guineensis*).

Malawi:

Liwonde National Park, Headquarters (1503S 3515E): **TM**: 41780.

Nigeria:

Chappal Waddi (0701N 1141E, 1900m): **SMNS**: 41339, 41340 - Gangirwal (0701N 1142E, 2300m): **ZFMK**: 88.98.

Rwanda:

Nyundo (0141S 2919E): **RMCA**: 80-055-M-0098, 80-055-M-0099, 80-055-M-0100, 80-055-M-0101, 80-055-M-0102, 80-055-M-0103, 80-055-M-0104, 80-055-M-0105, 80-055-M-0106, 80-055-M-0107, 80-055-M-0108, 80-055-M-0109, 80-055-M-0110, 80-055-M-0111, 80-055-M-0112 - Rwankalo: **KBIN**: 13112.

São Tomé and Príncipe:

Praia das Conchas (0024N 0637E): **ZMB**: 69471, 69472, 69473, 69474, 69475, 69476.

Tanzania:

Kisarawe, near (ca. 0653S 3903E): **TM**: 41209, 41210, 41211, 41212 - Lugerungjere river: **ZMB**: T10694 - Tabora (0143S 3446E): **ZMB**: 67699, 67700, 67701 - Tendaguru [=Tendaguro] (0945S 3920E, 375 m): **ZMB**: 67702.

Uganda:

Entebbe (0004N 3228E): **BMNH**: 1899.8.4.8 (*Type Hipposideros caffer centralis*).

Triaenops Dobson, 1871

Ethiopia:

Dire Dawa (0932N 4153E, 1250 m): **ZMB**: T09722.

Triaenops auritus G. Grandidier, 1912

Madagascar:

near Diégo-Suarez: **MCZ**: 45080.

Triaenops furculus Trouessart, 1906

Madagascar:

Tulear, near... St: **MNHN**: 1860.

Triaenops persicus Dobson, 1871

Congo:

Grotte de Doumboula: **MNHN**: 1969-412.

Iran:

Shiraz (4 750 ft): **BMNH**: 1876.3.10.3 (*Syntype Triaenops persicus*).

Kenya:

Mombas [=Mombassa] (0403S 3940E): **ZMB**: 5074.

Mozambique:

Gruta Magochene (2122S 3452E): **NHMZ**: 63523, 63524, 63525, 63526, 63527, 63528, 64323; **ROM**: 67542, 67543, 67544, 67545, 67546, 67547, 67548, 67549 - Muchena (1537S 3352E): **TM**: 14572 - Muchena (1607S 3337E): **TM**: 14573, 14574, 14575, 14576, 14578, 14579, 14581, 14582, 14583, 14584, 14585, 14586, 14588, 14593, 14594, 14595 - Tete, 2 mi E (1610S 3307E): **TM**: 14570.

Unknown Country:

: **TM**: 14577, 14580, 14587, 14589, 14590, 14591, 14596, 14597, 14598, 14604, 14605, 14606, 14608, 14609, 14611.

Zambia:

Missale Old Mine (1405S 3259E): **NHMZ**: 20179.

Zimbabwe:

Marymount mission (1632Cb): **NHMZ**: 84335 - Old Mine Adit [=Umtali Old mine] (1905S 3242E): **TM**: 34814.

Triaenops rufus Milne-Edwards, 1881

Madagascar:

Eastern Madagascar: **MNHN**: 184, 184A (2 MM + 3 FF) (*Syntype Triaenops Humbloti*), 185 (*Syntype Triaenops rufus*), 185A (1 M + 2 FF) (*Syntype Triaenops rufus*).

Cardioderma cor (Peters, 1872)

Egypt:

no specific locality: **ZMB**: T09371.

Ethiopia:

Abyssinia: **ZMB**: 4181.

Kenya:

Mombas [=Mombassa] (0403S 3940E): **ZMB**: 5073, 5430.

Tanzania:: **TM:** 13552, 14013, 14014, 14015.**Uganda:**Yumbe (0327N 3115E): **ZMB:** T09625, T10366.**Unknown country:**Daba: **ZMB:** 54841, T10497.*Lavia frons* (E. Geoffroy St.-Hilaire, 1810)**Cameroon:**Akonolinga (0346N 1215E): **ZMB:** 54495 - Edéa (0348N 1014E): **ZMB:** 54846 - no specific locality: **ZMB:** 67853, 67875.**Chad:**Goré (0755N 1642E): **ZMB:** 20855.**Congo (Democratic Republic of the):**Kasindi (0002S 2942E): **ZMB:** 67860.**Egypt ?:**no specific locality: **ZMB:** 67851.**Ethiopia:**Abaya, lake (0615N 3755E): **ZMB:** 67881, 67894, 67895 - Bottego Highlands (0709N 3742E): **ZMB:** 67882, 67883 - Fashodo: **ZMB:** 3797 - Galana river: **ZMB:** 67878, 67879.**German East Africa:**: **ZMB:** 12125, 54496.**Ghana:**Accra (0533N 0013W): **ZMB:** 3592, 4787, 67899.**Guinea:**no specific locality: **ZMB:** 3560.**Kenya:**Isiola: **TM:** 9303 - Kau [Osi river] (0229S 4026E): **ZMB:** 5594 - Kavirondo [Gulf] (0015S 3435E): **ZMB:** 11392 - Manda island (0217S 4057E): **ZMB:** T10474 - Nguruman Escarpment (0145S 3602E): **ZMB:** 11391, 11394, 67836, 67839 - Ukamba [=Kitui] (0122S 3801E, 1160 m): **ZMB:** 5260.**Liberia:**Fanti: **ZMB:** 4476.**Rwanda:**Gabiho (0132S 3025E): **RMCA:** 17085, 17086 - Gakoma (0230S 2955E): **RMCA:** 18997 - Gisenyi (0142S 2915E): **RMCA:** 3014 - Katjambura (0133S 3044E): **RMCA:** 17087 - Kibuye (0203S 2921E): **RMCA:** 80-055-M-0171 - Kissenji [=Gisenyi] (0142S 2915E, 1450 m): **ZMB:** 67844.**Senegal:**Nodoro: **ZMB:** 67842.**Somalia:**El Bur: **TM:** 12834, 12836, 12838, 12839 - El Bur to El Der, road between: **TM:** 12835, 12837 - Kismaju [=Kismayu] (0025S 4231E): **ZMB:** 67867, 67870 - no specific locality: **ZMB:** T10221.**Sudan:**Dongola (1910N 3027E): **ZMB:** 3043 - Gondokoro (0454N 3140E): **ZMB:** 54346 - Lado [=Lado, Jabal, Mount Lado] (0506N 3135E): **ZMB:** 54331, 67855, 67866 - Nubia: **ZMB:** 3035 - Sennar [=Sennaar] (1535N 3338E, 425 m): **ZMB:** 67872 - Weißer Nil [=Bahr-el-Abyat] (1538N 3231E): **ZMB:** 67891, 67892, 67893 - Zeraf, Jebel [=mountain] (1549N 3110E): **ZMB:** 67837.**Tanzania:**Bagamoyo (0626S 3855E, 0 m): **ZMB:** 54330, 5592, 67835, 67847, 67848, 67850, 67856, 67858, 67859, 67864, 67865 - Dar-es-Salaam (0648S 3918E): **TM:** 2049; **ZMB:** 67868 - Korogwe (1300 m): **ZMB:** 67863 - Lake Rukwa: **ZMB:** 54498, 67849, 67862, 67873, 67876 - Masimani (0413S 3733E): **ZMB:** 67843 - Mikindani (1016S 4005E): **ZMB:** 67852 - Pangani river (0930S 3527E): **ZMB:** 67841 - Singida (0514S 3526E): **ZMB:** 45004 - Tabora (0143S 3446E): **ZMB:** T09841 - Wembere river (0410S 3411E): **ZMB:** 67838 - Zanzibar (0610S 3912E): **ZMB:** 3265, 67877, 67898.**Togo:**Aného (0614N 0136E): **ZMB:** 17918 - Mango [=Sansanné-Mango] (1021N 0028E): **ZMB:** 55559, 67854.**Uganda:**Butiaba (0149N 3120E): **ZMB:** 67861, 67871 - Entebbe (0004N 3228E): **ZMB:** 67845, 67874 - Gonda: **ZMB:** 67840, 67846.**Unknown country:**Galpa river: **ZMB:** 67857 - Karagwa: **ZMB:** 67886, 67887, 67888, 67889, 67890, T09304 - Kasaka: **ZMB:** 67896, 67897.**Zambia:**Bulaya (0832S 3008E): **BMNH:** 1965.536 - Chishela dambo (0929Db): **NHMZ:** 11521.*Rhinolophus* Lacépède, 1799**Cameroon:**Bosum [syn Bozum], Uam (0618N 1622E): **ZMB:** 31494.**Egypt:**no specific locality: **ZMB:** 24932 - Sharqiya (3115N 3217E): **ZMB:** 50136.**Senegal:**No specific locality: **ZMB:** 12047.**South Africa:**(255427.7S 274621E): **TM:** 47757 - (255612.12S 27492856E): **TM:** 47768 - [25]: **TM:** 47765 - Farm Bolts Farm (260205.244S 274248.24E): **TM:** 47767 - Farm Hekpoort (2544S 2737E): **TM:** 43055, 43057 - Farm Makapansgat,

Makapan cave (2409S 2911E): **TM**: 42996, 42997, 42999, 43000, 43001, 43002, 43003, 43004, 43005, 43006, 43007, 43008, 43009, 43010 - Farm Wonderfontein 103IQ (2619S 2728E): **TM**: 43258 - Fountains (2557S 2812E): **TM**: 42941, 42942, 43238 - Gatkop (243704.944S 273907.92E): **TM**: 47764, 47766 - Hans Merensky Nature Reserve (2340S 3041E): **TM**: 41982 - Howell Davies Caves (2420S 2911E): **TM**: 42655, 42918, 42919, 42920, 42921, 42922, 42923, 42924, 42925, 42926, 42927, 42928, 42929, 42930, 42931, 42932, 42933, 42934, 42935, 42936, 42937, 42951 - Irene (2552S 2814E): **TM**: 42938, 43318, 46717 - Klaver (3147S 1837E): **TM**: 43119 - Koster Cave: **TM**: 43105 - Leydsdorp (2359S 3031E): **TM**: 43243 - Potchefstroom (2644S 2704E): **TM**: 43023 - Sterkfontein caves (2601S 2744E): **TM**: 42983, 42984, 42985, 43046, 43047, 43048 - Waterberg, Farm Driefontein: **TM**: 43240 - Witwatersberg, Farm Hekpoort (2444S 2737E): **TM**: 42939 - Wolvegatten (2544S 2811E): **TM**: 42940.

Tanzania:

Ambangulu Estates (0445S 3815E): **ZMB**: 53855 - Tanganyika, lake: **ZMB**: 50051, 50052, 50053, 50054, 50055, 50056.

Togo:

Haubinda: **ZMB**: 53123.

Unknown Country:

: **TM**: 42539, 42540, 42541, 42542, 42543, 42943, 42943B, 42944, 42945, 42946, 42947, 42948, 42955, 42959, 42960, 42961, 42962, 42963, 42964, 42965, 42966, 42967, 42968, 42969, 42970, 42971, 42972, 42973, 42977, 42986, 42987, 42988, 42989, 42990, 43016, 43017, 43018, 43019, 43021, 43022, 43028, 43029, 43030, 43031, 43032, 43033, 43034, 43035, 43036, 43037, 43038, 43039, 43049, 43050, 43051, 43052, 43053, 43054, 43054B, 43056, 43056B, 43058, 43059, 43060, 43061, 43062, 43063, 43064, 43065, 43066, 43067, 43070, 43071, 43072, 43073, 43075, 43076, 43077, 43078, 43081, 43082, 43083, 43083B, 43095, 43096, 43098, 43188, 43230, 43231, 43239, 43861, 46433.

Zambia:

Missale Old Mine (1405S 3259E): **TM**: 43236, 43237.

Rhinolophus adami Aellen and Brosset, 1968

Congo:

Kouilou: **MNHN**: 1968-408.

Rhinolophus alcyone Temminck, 1853

Ghana:

Boutry River: **RMNH**: ?.

Rhinolophus blasii Peters, 1867

Botswana:

Drotsky's Cave (2007S 2122E): **TM**: 41012.

Ethiopia:

Dire Dawa (0932N 4153E, 1250 m): **ZMB**: 41744, 42753.

Malawi:

Likabula mission (1557S 3524E): **TM**: 41789 - Ncheu [=Ntcheu] (1449S 3438E): **TM**: 9163 - Zomba (1523S 3519E, 800-900 m): **BMNH**: 1893.7.9.33 (*Holotype Rhinolophus empusa*).

Somalia:

Upper Sheikh (4 300 ft): **BMNH**: 1909.12.17.4 (*Holotype Rhinolophus brockmani*).

South Africa:

Doornkraal campsite (273044S 311241E): **TM**: 31808, 31809 - Farm Donkerpoort 448, Sandspruit Cave No. 1 (243636S 273936E): **TM**: 13960, 13961, 13962, 13963, 13995, 13996, 13997, 13998, 13999 - Farm In-de-Diepte 164JT: **TM**: 47731 - Farm Makapansgat 39: **TM**: 4262, 4263, 4264, 4265 - Farm Uitkomst (2555S 2747E): **TM**: 42956 - Farm Uitkyk: **TM**: 2062, 7060, 7061, 7064, 7065, 7066, 7068, 7076, 7077, 7079, 7080, 7081, 7083 - Farm Victoriaspoort 18IT (2607S 3022E): **TM**: 47083, 47084 - Hennops River (2546S 2759E): **TM**: 42957, 42958, 42974 - John Nash Nature Reserve [=Jack Scott Private Nature Reserve], American cave (2555S 2745E): **TM**: 2887, 2888, 2889 - Louw's [=Lowes] Creek, Imperial mine (2539S 3118E): **TM**: 9470 - Mogale City [=Krugersdorp] (2606S 2746E): **TM**: 7062, 7063, 7067, 7078 - Ngubevu mine (2844S 3038E): **TM**: 30121, 30149, 30151, 30152 - Ngubevu mine (2843S 3037E): **TM**: 36152, 36153, 36154, 36155, 36156, 36157 - Old picnic site (2225S 3118E): **TM**: 37039 - Skurweberg cave (2548S 2759E): **TM**: 12448 - Sterkfontein caves (2600S 2744E): **TM**: 12045 - Sudwala Cave (2522S 3042E): **TM**: 46645 - Wonderkop Nature Reserve (231250S 283930E): **TM**: 44937.

Zambia:

Fort Jameson district (1345S 3245E): **KM**: 9645, 9647 - Nsefu Game Camp (1252S 3152E): **NHMZ**: 20309.

Zimbabwe:

Zimbabwe ruins: **TM**: 34594.

Rhinolophus capensis Lichtenstein, 1823

Kenya:

Takaungu (0341S 3951E): **ZMB**: 10936.

Namibia:

Kuibis (2641S 1652E): **ZMB**: 18025.

South Africa:

Battelary (3309S 1806E): **TM**: 41471 - Belvedere: **NRM**: ? (*Type Rhinolophus auritus*) - Bredasdorp: **SMF**: 21318, 21319, 21320 - Bredasdorp, "Onmeetbare" cave: **SMF**: 21314, 21315, 21316, 21317 - Cape of Good Hope: **ZMB**: 377 - De Hoop Nature Reserve, De Hoop Guano Cave (3426S 2025E): **TM**: 40566, 40567, 40568, 40569, 40570, 40571, 40573, 40574, 40575, 40576 - De Hoop Provincial Nature Reserve: **TM**: 29063, 29064, 29065, 29066, 29067, 29069, 29070, 29072, 29077, 29079, 29080, 29081 - Grahamstown (3318S 2635E): **TM**: 43100, 43257 - Klaver (314659S

184036E): **TM:** 2268, 2274, 2275 - Klaver (3147S 1837E): **TM:** 43103, 43104 - Kleinpoort (3320S 2403E): **TM:** 6653 - Kuruman (2628S 2227E): **ZMB:** 3464 - Lormarins (3353S, 1903E): **TM:** 2273 - Postberg Nature Reserve (3307S 1800E): **TM:** 41560 - Saldanha Bay: **TM:** 2277, 2278, 2279 - Stillbaai: **TM:** 8983 - unknown locality: **SMF:** 12295.

Tanzania:

Mikindani (1016S 4005E): **ZMB:** T09998 - Mojoni [=Muyuni] (0620S 3925E): **ZMB:** 11815.

Rhinolophus clivosus Cretzschmar, 1828

"Africa":

Kester, Kosterfontein: **TM:** 4190 - Woodbush: **TM:** 3389.

Cameroon:

Bosum [syn Bozum], Uam (0618N 1622E): **ZMB:** 31493, 31495.

Egypt:

Cairo (3003N 3115E): **ZMB:** 5693 - Eastern desert of Egypt (ca. 22 N 35 E): **BMNH:** 1904.11.4.2 (Holotype *Rhinolophus Andersoni*) - Giza [=Gizeh] (3001N 3113E): **BMNH:** 1892.9.9.7 (Holotype *Rhinolophus acrotis brachygnatus*), type2 (Paratype *Rhinolophus acrotis brachygnatus*).

Eritrea:

Keren (1546N 3827E, 1400 m): **SMNS:** 986 (Type *Rhinolophus acrotis*).

Ethiopia:

Gondur, 15 mi NE (1237N 3722E): **TM:** 10018.

Lesotho:

Mokhotlong (2929Ac): **NMB:** 6891, 6892, 6893, 6894, 6907, 6983, 6984, 6985, 6986, 6987 - Nkokomele, near (2929Ad): **NMB:** 6980, 6981, 6982 - Oxbow (2828Dc): **NMB:** 8418 - Quthing (3027Bb): **NMB:** 8222 - Sehlabathebe National Park, small dam (2951S 2906E): **NMB:** 6863, 6864, 6865 - Semonkong (2927Dd): **NMB:** 8300 - Thaba Tseka (2928Ca): **NMB:** 7350, 7355.

Malawi:

Fort Hill [=Chitipa] (0942S 3316E, 1 300 m): **BMNH:** 1897.10.1.18 (Holotype *Rhinolophus augur zambesiensis*) - Likabula mission (1557S 3524E): **TM:** 41790, 41791 - Ncheu [=Ntcheu] (1448S 3439E): **TM:** 9164.

Mozambique:

Muchena (1537S 3352E): **TM:** 14653, 14655, 14656, 14657, 14659, 14660, 14662.

Namibia:

Nasib (1907S 1737E): **TM:** 11862.

Rwanda:

Bugoye-Kisenyi: **RMCA:** 12265, 12266, 12267 - Musanse (0130S 2938E): **KBIN:** 15479/a, 15479/b, 15479/c, 15479/d, 15479/e, 15479/f, 15480/a, 15480/b, 15480/c - Nyundo (0141S 2919E): **RMCA:** 80-055-M-0170.

Saudi-Arabia:

Al Muwaylih [=Mohila] (ca. 27 49 N 35 30 E): **SMF:** 4371 (Lectotype *Rhinolophus clivosus*).

South Africa:

Aliwal North (3026Dd): **NMB:** 4321, 4322, 4323 - Baberton (2547S 3103E): **TM:** 43011, 43012, 43013, 43014, 43015 - Barberton [=Umlhuma] (3100S 2548E): **TM:** 29480, 29481, 3366 - Bellsbank Estates (2808S 2424E): **TM:** 35986 - Berg River (3352S 1907E): **TM:** 2271, 2272 - Bethlehem (2828Bc): **NMB:** 7905, 7906, 7907, 7908, 7909, 7910, 7911 - Bethlehem (2828Cb): **NMB:** 7659 - Bishopstowe cave (2936S 3023E): **TM:** 11994, 13742, 13743 - Blyde River Canyon [=Blyderivier, Blyderivierspoort] Nature Reserve (2435S 3047E): **TM:** 40301 - Blyde River Canyon [=Blyderivier, Blyderivierspoort] Nature Reserve, Farm Chester 235, dam on Blyde River: **TM:** 40090 - Cape of Good Hope: **ZMB:** 376, 378 - Cave of Death (255136S 281348E): **TM:** 12577 - De Hoop Nature Reserve, De Hoop Guano Cave (3426S 2025E): **TM:** 40572 - De Hoop Provincial Nature Reserve (3426S 2025E): **TM:** 29061, 29062, 29068, 29071, 29073, 29074, 29075, 29076, 29078, 29082, 29083, 29084, 29085 - Doornhoek (2822S 2922E): **TM:** 30131, 30145, 30153 - Dumisa Gold Mine (3016S 3021E): **TM:** 30129, 30146, 36260, 36261, 36262, 36263, 36264, 36265, 36266 - Fairview mine (254312S 310645E): **DNSM:** 5083 - Farm Brakfontein, Koegelbeen Cave (2839S 2321E): **TM:** 36069, 36073 - Farm Brakfontein, Koegelbeen Cave (2840S 2322E): **TM:** 36059, 36060, 36061, 36062, 36064, 36065, 36066, 36067, 36068, 36070, 36071, 36074 - Farm Brakfontein, Koegelbeen Cave (2841S 2322E): **TM:** 40664, 40665, 40666, 40667, 40668, 40669, 40670 - Farm Cyprus 68 (2412S 3016E): **TM:** 25324, 25325 - Farm De Kafferskraal 53JT (251057S 300852E): **TM:** 47104 - Farm Elandsfontein 435KT (2437S 3037E): **TM:** 47107 - Farm Faust 743 (2846S 2747E): **TM:** 41579, 41580, 41581, 41582, 41583, 41584, 41585, 41586, 41587, 41588, 41589 - Farm Goudhoek (2818S 3101E): **TM:** 36354, 36357, 36399, 36400, 36401, 36402, 36403, 36404, 36405, 36414, 36415, 36416, 36417 - Farm Grootstuikerboschkop 124 (252436S 300600E): **TM:** 23765 - Farm Haffenden Heights 35KT (2407S 3007E): **TM:** 46882 - Farm Klipfontein 407, Echo caves (243328S 303628E): **TM:** 23420, 23421, 23422, 23423, 40846 - Farm Makapansgat 39: **TM:** 4260, 4261 - Farm Makapansgat 39, Makapan cave (2409S 2911E): **TM:** 1013, 1014 - Farm Makapansgat 39, Peppercorn Cave [=Peppercorn's, Peppercorn] (2407S 2912E): **TM:** 12576 - Farm Makapansgat, Makapan cave (2409S 2911E): **TM:** 42998 - Farm Modderfontein, Howel Davies Caves (2420S 2911E): **TM:** 12578, 12579 - Farm Mooiplaas 94 (2445S 2624E): **TM:** 20479 - Farm Olifantspoort 328 [=Retiefkloof] (2549S 2716E): **TM:** 19679 - Farm Rietfontein (2547S 2924E): **TM:** 43086 - Farm Schulpfontein No.472, 16km NW (3005S 171130E): **TM:** 42154, 42155 - Farm Sterkspruit 412KT, Mogaba (2435S 3037E): **TM:** 46481 - Farm Strathfieldsaye (2952S 3037E): **TM:** 25460 - Farm Tweepoort 404 (2636S 3043E): **TM:** 25838 - Farm Uitkomst 499: **TM:** 14739a - Farm Victoriaspoort 181T (2607S 3022E): **TM:** 46374 - Farm Wakkersdal 436KT (2437S 3037E): **TM:** 46485 - Farm Wonderfontein (2548S 2952E): **TM:** 1009 - Farm Wonderfontein 103IQ (2619S 2728E): **TM:** 1001, 1004, 1007, 947, 996, 997, 998, 999 - Farm Wonderfontein 103IQ, Abe Baily Nature Reserve (2619S 2728E): **TM:** 44755 - Farm Wonderfontein 103IQ, Wonderfontein Cave (2619S 2728E): **TM:** 43321, 43322 - Farm Woodstock (2734S 2322E): **TM:** 35793 - Ficksburg (2827Db): **NMB:** 6333, 6334, 6335, 6336, 6337, 6338, 6339, 6340, 6341, 7386, 7387, 7388 - Ficksburg, ca 1 km to Clocolan (2827Dd): **NMB:** 4129 - Folderia (2631S 2959E): **TM:** 43024, 43025 - Frederikstad (2630S 2709E): **TM:** 7023 - Garsfontein (2448S 2818E): **TM:** 43099 - Gatkoppies (2818S 2307E): **TM:** 36091, 36092 - Goegap Nature Reserve (2940S 1759E): **TM:** 42096 - Groendal Wilderness Area (2343S 2519E): **TM:** 28586, 28598, 28630, 28631, 28633, 28634 - Groenkloof (2548S 2812E): **TM:** 2942 - Grootvadersbosch (3350S 2053E): **TM:** 8984, 8985, 8986 - Harrismith (2728Dd): **NMB:** 7389, 7390, 7391, 7392, 7393 - Harrismith (2828Bb): **NMB:** 7887, 7890, 7892, 7893, 7894, 7895, 7898, 7899, 7900 - Harrismith [Warden] (2729Cc): **NMB:** 7702, 7719, 7720, 7721, 7723, 7724, 7725, 7726, 7727,

7728, 7729 - Hella Hella Game Valley (2954S 3005E): **DNSM:** 6834 - Hester Malan Wild Flower Reserve (2952S 1822E): **TM:** 27582, 34155, 34157, 34158 - Horo (2537S 3122E): **TM:** 1975, 1976 - Insusie Valley (2853S 3103E): **TM:** 1019 - Irene (2552S 2814E): **TM:** 43261, 43262 - Ithala Game Reserve [=Ithala Nature Reserve] (2734S 3013E): **TM:** 31828 - Jagersfontein Commonage (2925Cb): **NMB:** 7561, 7562, 7563, 7564, 7588, 7589, 7592, 7608, 7614, 7615, 7623, 7626, 7638 - Johannesburg: **TM:** 1010 - John Nash Nature Reserve [=Jack Scott Private Nature Reserve], American cave (2555S 2745E): **DNSM:** 5383; **TM:** 16410, 16411, 25613, 25614, 25615, 25616, 41266, 41267, 41268, 41269, 41270, 41271, 41272, 41273, 41274, 41275, 41276, 41277, 41278 - Jususie valley [=Insuzi valley]: **BMNH:** 1904.5.1.8 (*Holotype Rhinolophus agur zuluensis*) - Kaalrug: **TM:** 47619 - Kaapse Hoop, Farm Drysdale: **TM:** 42473 - Kabusi Forest (3231S 271530E): **TM:** 40507, 40508 - Kamberg Nature Reserve (2924S 2941E): **TM:** 38092 - Kamberg Nature Reserve, Gladstone's Nose (2924S 2941E): **TM:** 38105 - Kammannassie M.C.A [Camp 2] (3336S 2233E): **TM:** 29732 - Kastrol Nek (2718S 3018E): **TM:** 2896, 2897, 2898 - Klaserie Private Nature Reserve: **TM:** 45514 - Klaver (3147S 1837E): **TM:** 2269, 2270, 2276 - Knysna (3402S 2303E): **TM:** 991, 992, 993, 994, 995 - Koegelbeen Caves (2823Cb): **NMB:** 11072, 11075, 7502, 7503, 7524, 7525, 7531, 7532, 7535, 7551 - Krugersdorp: **TM:** 1012 - Kuruman (2628S 2227E): **ZMB:** 24928, 24929 - Kuruman (2727S 2325E): **TM:** 35752, 35753, 35754 - Kuruman (4 000 ft): **BMNH:** 1904.10.1.1 (*Holotype Rhinolophus agur*) - Ladybrand (2927Ab): **NMB:** 1664 - Ladybrand Commonage (2927Ab): **NMB:** 7395, 7396, 7397, 7398, 7753, 7754, 7755, 7756, 7757, 7758, 7759, 7760, 7761 - Lormarins (3353S, 1903E): **TM:** 2267 - Louw's Creek (2539S 3118E): **TM:** 43109 - Lydenburg Krantz (2506S 3027E): **TM:** 43087, 43088, 43089, 43090, 43091, 43092 - Maclear (3028Cb): **NMB:** 5880 - Maclear (3028Cc): **NMB:** 5923, 5924, 5925, 5926, 5934, 5935 - Maclear (3028Cd): **NMB:** 5881 - Melmoth (2834S 3119E): **DNSM:** 4782 - Mkuzi Game Reserve (2738S 3216E): **DNSM:** 2134 - Monument Park (2548S 2813E): **TM:** 19412 - New Agatha Forest Reserve (2400S 3003E): **TM:** 23688, 23707, 23708, 23717, 23718, 23719, 23720, 23721 - Ngome Forest Reserve (275000S 312445E): **TM:** 39830, 39849 - Ngome Police Station (2750S 3125E): **TM:** 37163 - Ngubevu Mine (2844S 3038E): **TM:** 36135, 36136, 36137, 36138, 36139, 36140, 36141, 36142, 36143, 36144, 36145, 36146, 36147, 36148, 36149, 36150, 36151 - OFD workings (2604S 2745E): **TM:** 1011 - Otto's Bluff (2936S 3023E): **TM:** 36193, 36194, 36195, 36196, 36197, 36198, 36199, 36200, 36201, 36202, 36203 - Port St. Johns (3138S 2933E): **TM:** 1018 - Potchefstroom: **TM:** 1000, 1002, 1003, 1006, 1008 - Potchefstroom (2627Ac): **NMB:** 4991 - Pretoria (254348S 281048E): **TM:** 1015, 13532, 13533, 6818, 6822, 6824, 6825 - Saasveld Forestry Research Station (3358S 2231E): **TM:** 33451, 33452 - Skurweberg cave (2548S 2759E): **TM:** 12206, 12207, 12208, 12209, 12447 - Sterkfontein caves (2600S 2744E): **TM:** 10019, 10151, 10152, 10153, 10154, 10155, 12046, 12169 - Sterkstroom (3126Dc): **NMB:** 5507, 5509 - Sudwala Cave (2522S 3042E): **TM:** 41902, 46643 - The Downs: **TM:** 20427 - Townbush Cave (2936S 3023E): **TM:** 36243, 36244, 36245, 36246, 36248, 36249, 36250 - Uitkyk en Paranie Private Nature Reserve (2536S 3106E): **TM:** 20155, 20156, 20158, 20160, 20161 - Vendabind, on Levuvhu river: **TM:** 25530 - Venterskroon (265248S 261612E): **TM:** 1016, 1017, 2067, 2068, 2069, 2070 - Vredefort (2627Cd): **NMB:** 5889 - Waterberg, Farm Klipfontein 54JS (2408S 2808E): **TM:** 40201 - Waterberg, Waterberg Game Farm, Dassie Cave (240703S 282308E, 1451m): **TM:** 46402, 46403 - WCNP, Bottelary (3309S, 1805E): **TM:** 41470, 41472 - West Driefontein caves: **TM:** 12619 - Winburg (2827Cc): **NMB:** 10566, 10573, 10574, 10638 - Winburg [Exelsior] (2827Cd): **NMB:** 5900, 5902, 5903, 5904, 5905, 5906, 5907, 5908, 5909 - Zastron (3026Bb): **NMB:** 5937, 5939, 5941, 7375 - Zastron Commonage (3027Ac): **NMB:** 7399, 7500, 7501 - Zoetendalsvlei (3443S 1958E): **TM:** 8987.

Swaziland:

Forbes Reef mine (2611S 3107E): **TM:** 40729 - Malolotja Nature Reserve (2608S 3108E): **TM:** 44874 - Ngwenya [=Byrhtes]: **TM:** 45534, 45546 - Pigg's Peak (2552S 3122E): **TM:** 1977, 1978.

Tanzania:

Li Jungu, mountain: **ZMB:** 50043 - Rungwa mountains (0908S 3340E): **UIA:** ABOS-136.

Unknown Country:

: **TM:** 31759, 31760, 31761, 31762, 31763, 31764, 31765, 31826, 31827, 31829, 31830, 31831, 31832, 31833, 31834, 31835, 31836, 31837 - Engeremgere: **ZMB:** 6710.

Zambia:

Nyika Plateau (1035S 3342E): **BMNH:** 1966.5444.

Zimbabwe:

Inyanga (1807S 3237E): **TM:** 11404 - Old Mine Adit [=Umtali Old mine] (1905S 3242E): **TM:** 34657 - Rhodes Inyanga National Park (1817S 3246E): **TM:** 34754, 34755 - Rusito Forest (2002S 3259E): **TM:** 34760, 34789 - Zimbabwe Ruins (2017S 3056E): **TM:** 34593.

Rhinolophus darlingi K. Andersen, 1905**Lesotho:**

Sehonghong (2928Db): **NMB:** 8481, 8482.

Malawi:

Likabula mission (1557S 3524E): **TM:** 41799.

Namibia:

Farm Zwartmodder 101 (2454S 1617E): **TM:** 37615 - in Villa...: **TM:** 43860 - Kochina (2712S 1852E): **TM:** 8288, 8289, 8290, 8291, 8292, 8293, 8294, 8295, 8296 - Okahandja (2159S 1658E): **ZMB:** 50067 - Oserikari: **TM:** 9474 (*Type Rhinolophus darlingi damarensis*) - Otjimbingue (2215S 1610E): **ZMB:** 50071, 50072, 50073 - Swakopmund (2339S 1503E): **TM:** 12925 - Windhoek (2234S 1706E, 1777 m): **TM:** 8297.

South Africa:

Anthrax camp (2225S 3112E): **TM:** 42008 - Augrabies Waterfall Natational Park (2837S 2022E): **TM:** 16977, 16978 - Baberton (2547S 3103E): **TM:** 42975 - Birthday Goldmine (3052S 2322E): **TM:** 2541 - Blyde River Canyon [=Blyderivier, Blyderivierspoort] Nature Reserve, Farm Bourkes Luck 454 [=Bourkes Luck Potholes] (2441S 3050E): **TM:** 40091, 40092, 40093 - Buxton Mine (2737S 2437E): **TM:** 35878, 35879, 36093, 36094, 36095, 36096 - Dongolakop (2214S 2941E): **TM:** 10017 - Doorndraai Dam Nature Reserve: **TM:** 44525 - Farm Baviaanspoort (2541S 2822E): **TM:** 42952, 42953, 42954, 42978, 42979, 42980, 42981, 42982 - Farm Baviaanspoort 330 (254048S 282136E): **TM:** 2103, 2104, 2105, 2106, 2107, 2879 - Farm Brakfontein, Koegelbeen Cave (2839S 2321E): **TM:** 35991 - Farm Brakfontein, Koegelbeen Cave (2840S 2322E): **TM:** 35987, 35988, 35989, 35992, 36058, 36063 - Farm Cyprus 68 (2412S 3016E): **TM:** 25315, 25316, 25323 - Farm Elandsfontein 435KT, Bourke's Luck (2440S 3048E): **TM:** 46482 - Farm Keikampspoort 71 (2950S 2247E): **TM:** 27206, 27288, 27289, 27290 - Farm Kunkuru (2753S 2749E): **TM:**

47079 - Farm Liverpool 202: **TM:** 41540 - Farm Mooigenoeg 83 (2442S 2620E): **TM:** 23578, 23579 - Ghost Mountain: **DNSM:** 4573, 4574 - Gravelotte Mine (2357S 3036E): **TM:** 42949, 42950 - Gravelotte mines (2355S 3036E): **TM:** 3993, 3994, 3996, 3997, 3998, 3999, 4000, 4001 - Greefswald [= Mapungubwe] (2212S 2922E): **TM:** 20394, 20395, 20401, 20402 - Grootkloof: **TM:** 40746 - Hans Strydom Dam Nature Reserve: **TM:** 44198 - Koegelbeen Caves (2823Cb): **NMB:** 7526 - Leydsdorp, unspecified location (2359S 3031E): **TM:** 4828, 4829, 4830 - Lobatsi [intermittent stream] (2511S 2549E): **ZMB:** 50041 - Louw's creek: **TM:** 2476 (*Type Rhinolophus darlingi barbertonensis*) - Makupana cave: **TM:** 13474, 13475 - Malelane (2527S 3130E): **TM:** 30037 - Malelane Old Mine Shaft: **TM:** 47618 - Manxeba [=Maxeba] windmill (2224S 3114E): **TM:** 42009 - Mashikiri windmill (2235S 3111E): **TM:** 36986, 36987 - Mkuzi Game Reserve (2738S 3216E): **TM:** 37156 - Old picnic site (2225S 3118E): **TM:** 36972 - Percy Fyfe Nature Reserve (2402S 2908E): **TM:** 44208 - Pretoria (254348S 281048E): **TM:** 2108 - Rhenosterkoppies (2508S 3137E): **TM:** 39708, 39709, 39710, 39711, 39712, 39713, 39714, 39715, 39716, 39717, 39718, 39719 - Sandile's Cave (3237S 2717E): **TM:** 36579 - Shashi-Limpopo River confluence: **TM:** 45096, 45098 - Skukuza Koppies (2459S 3135E): **TM:** 13476, 13477, 13478, 13479, 13480 - Stoltzneck dam: **TM:** 30046, 30047 - Tshokwane picnic spot, 12 km E: **TM:** 39733, 39734 - Uityk en Paranie Private Nature Reserve (2536S 3106E): **TM:** 20159 - Waterberg Game Farm (240659.472S 282317.88E): **TM:** 47095 - Waterberg, Farm Platbos (2413S 2752E): **TM:** 24784 - Waterberg, Waterberg Game Farm, Dassie Cave (240703S 282308E, 1451m): **TM:** 46397 - WNLA Dam (2427S 3158E): **TM:** 39657, 39658 - Wonderkop Nature Reserve (231250S 283930E): **TM:** 44605.

Swaziland:

Mlawula Nature Reserve (2612S 3201E, 760m): **TM:** 44891 - Mlawula Nature Reserve 1 (261048.58S 320257.48E): **TM:** 47742, 47744.

Zimbabwe:

Mazoe (4 000 ft): **BMNH:** 1895.8.27.1 (*Holotype Rhinolophus darlingi*) - Old Mine Adit [=Umtali Old mine] (1905S 3242E): **TM:** 34661 - Rhodes Inyanga National Park (1817S 3246E): **TM:** 35022, 35028 - Rusito Forest (2002S 3259E): **TM:** 34766 - Zimbabwe Ruins (2017S 3056E): **TM:** 34592.

Rhinolophus deckenii Peters, 1867**Namibia:**

Windhoek (2234S 1706E, 1777 m): **ZMB:** 50057, 50060.

Tanzania:

Zanzibar (0610S 3912E): **ZMB:** 3269.

Rhinolophus denti Thomas, 1904**Namibia:**

Grootfontein (2502S 1648E): **ZMB:** 50045.

South Africa:

Bellsbank Estates (2808S 2424E): **TM:** 35974, 35975, 35976, 35977, 35978, 35979, 35980, 35981, 35982, 35983, 35984, 35985 - Farm Brakfontein, Koegelbeen Cave (2840S 2322E): **TM:** 35960, 35961, 35962, 35963, 35964, 35965, 35966, 35967, 35968, 35969, 35970, 35971, 35990, 35993, 35994, 35995, 35996, 35997, 35998, 35999, 36000, 36001, 36002, 36003, 36004, 36005, 36006, 36007, 36008, 36009, 36010, 36011, 36012, 36013, 36014, 36015, 36016, 36017, 36018, 36019, 36020, 36021, 36022, 36023, 36024, 36025, 36026, 36027, 36028, 36029, 36030, 36031, 36032, 36033, 36034, 36035, 36036, 36037, 36038, 36039, 36040, 36041, 36042, 36043, 36044, 36045, 36046, 36047, 36048, 36049, 36050, 36051, 36052, 36053, 36054, 36055, 36056, 36057, 36075, 36076, 36077, 36078, 36079, 40649, 40650, 40651, 40652, 40653, 40654, 40655, 40656, 40657, 40658, 40659, 40660, 40661, 40662, 40663 - Gatkoppies (2818S 2307E): **TM:** 36080, 36081, 36082, 36083, 36084, 36085, 36086, 36087, 36088, 36089, 36090 - Jagersfontein (2925Cb): **NMB:** 7356 - Jagersfontein Commonage (2925Cb): **NMB:** 7586, 7596, 7640, 7644 - Koegelbeen Caves (2823Cb): **NMB:** 11070, 11071, 7517, 7518, 7519, 7527, 7528, 7529, 7530, 7747, 7748, 7749, 7750 - Kuruman (1 300 m): **BMNH:** 1904.4.8.2 (*Holotype Rhinolophus Denti*).

Rhinolophus eloquens K. Andersen, 1905**Tanzania:**

Amani (0510S 3847E, 1000 m): **ZMB:** 50027 - Bismarckburg [=Kasanga] (0828S 3109E): **ZMB:** 15710 - Mpapua [=Mpwapwa] (0622S 3630E, 1100 m): **ZMB:** 50023.

Uganda:

Entebbe (0004N 3228E): **BMNH:** 1899.8.4.4 (*Type Rhinolophus Hildebrandti eloquens*).

Rhinolophus euryale Blasius, 1853**Algeria:**

Algiers (3645N 0341E): **ZMB:** 12976 - no specific locality: **ZMB:** 3052.

Morocco:

Tanger (3548N 0550W, 0 m): **ZMB:** 12967, 12969.

Tunisia:

El Hammah (3354N 0948E): **ZMB:** 12961 - Kaphza [=Gafsa] (3426N 0847E): **ZMB:** 50137, 50138 - Tebourba (3650N 0950E): **ZMB:** 12973, 12975.

Rhinolophus fumigatus Rüppell, 1842**Congo (Democratic Republic of the):**

Aba (0353N 3017E): **AMNH:** 49113.

Ethiopia:

Adowa: **SMNS:** 1059 (*Cotype Rhinolophus macrocephalus*), 1059 (a) (*Cotype Rhinolophus macrocephalus*), 1059 (b) (*Cotype Rhinolophus macrocephalus*) - Shoa: **SMF:** II.F.7a (*Cotype Rhinolophus fumigatus*), II.F.7b (*Cotype*

Rhinolophus fumigatus).

Kenya:

Kitale, 25 mi NW: **SMF:** 19448, 19449 - Kitui (0122S 3801E, 3 500 ft): **BMNH:** 1901.5.6.3 (Type *Rhinolophus fumigatus exsul*).

Namibia:

Farm Otjikoko Sud 61 [Pipistrelle Cave] (2118S 1627E): **TM:** 37636, 37644 - Harisib (1907S 1737E): **TM:** 11863 - Ohopoho (1807S 1352E): **TM:** 10979 - Otjimbingue (2215S 1610E): **ZMB:** 3294, 3295 - Quickborn (2152S 1652E): **TM:** 3991 - Walfischbay [=Walvis Bay] (2255S 1435E): **ZMB:** 6201 - Windhoek (2234S 1706E, 1777 m): **ZMB:** 50058.

Nigeria:

Kabwir (2 500 ft): **BMNH:** 1913.2.5.1 (Holotype *Rhinolophus foxi*).

Senegal:

Bakel (1454N 1226W): **BMNH:** 1919.7.7.2774 (Type *Rhinolophus aethiops diversus*).

South Africa:

Anthrax camp (2225S 3112E): **TM:** 36812 - Blyde River Canyon [=Blyderivier, Blyderivierspoort] Nature Reserve, Farm Bourkes Luck 454 [=Bourkes Luck Potholes] (2441S 3050E): **TM:** 39968 - Bobomeni research camp [=Bobomene] (2225S 3112E): **TM:** 40833, 40834, 40835, 41726 - Farm Groothoek 99 (242100S 290748E): **TM:** 23400 - Farm Mooiplaas 94 (2445S 2624E): **TM:** 20487 - Fig forest, Left-hand bank: **TM:** 37683 - Figtree camp (222550S 311150E): **TM:** 36608, 36611, 36789, 36878, 36935, 36936 - Levuhu Hippo pool: **TM:** 34262 - Levuvhu Hippo pool (2226S 3111E): **TM:** 30472.

Tanzania:

Mwazye (0827S 3144E): **ZMB:** 50024 - Mwsamwilager: **ZMB:** 50025.

Zimbabwe:

Sengwa Wildlife Research Station (1810S 2813E): **TM:** 34862.

Rhinolophus hildebrandtii Peters, 1878

Congo (Democratic Republic of the):

Dethiox caves: **SMF:** 18914, 18915, 18916, 18917, 18918 - Kakanda, Kondo cave: **SMF:** 19571, 19572 - Lubudi, Kyasala cave: **SMF:** 21273, 21274 - Pempere cave: **SMF:** 18940, 18941 - Pempere, Crevettes cave: **SMF:** 19069 - Tenke, Mwela-Pande cave: **SMF:** 19068.

Ethiopia:

Sheik Hussein (0736N 4040E, 1500 m): **ZMB:** 72252, 72253.

Kenya:

Kibwesi (0225S 3758E, 1000 m): **ZMB:** 50029 - Ndi: **BMNH:** 1879.1.21.1 (Holotype *Rhinolophus hildebrandtii*) - Ndi (0314S 3830E, 2000 m): **ZMB:** 5267, 5378, 5379.

Malawi:

Ncheu [=Ntcheu] (1449S 3438E): **TM:** 9165, 9166.

Mozambique:

Inhaminga: **SMF:** 11639.

South Africa:

Anthrax camp (2225S 3112E): **TM:** 36636, 40829, 40830, 42006, 42007 - Blyde River Canyon [=Blyderivier, Blyderivierspoort] Nature Reserve, Farm Bourkes Luck 454 [=Bourkes Luck Potholes] (2441S 3050E): **TM:** 39967 - Bobomeni research camp [=Bobomene] (2225S 3112E): **TM:** 40831, 40832, 40836, 41997 - Dongolakop (2214S 2941E): **TM:** 10016, 9983 - Farm Donkerpoort 448, Sandspruit Cave No. 1 (243636S 273936E): **TM:** 12617, 12618 - Farm Fairfield 306 (2434S 2712E): **TM:** 1748, 1749 - Farm Tygerkloof 354 (244140S 271233E): **TM:** 45223, 45224, 45225, 45228 - Figtree camp (222550S 311150E): **TM:** 36612, 36720, 36788 - Greefswald [= Mapungubwe] (2212S 2922E): **TM:** 20339 - John Nash Nature Reserve [=Jack Scott Private Nature Reserve], American cave (2555S 2745E): **TM:** 14739 - Levuvhu River: **TM:** 37490 - Manxeba [=Maxebe] windmill (2224S 3114E): **TM:** 37939 - Mockford's garden (2225S 3118E): **TM:** 29835, 29848, 29858 - Mphahlele River: **TM:** 23950 - New figtree forest (2225S 3118E): **TM:** 37897 - Nwanedi: **TM:** 35447, 35448, 35449, 35450, 35451, 35452 - Nyala and Main Roads junction: **TM:** 36961 - Old Figtree forest: **TM:** 40826 - Old picnic site (2225S 3118E): **TM:** 36475, 37073, 37084, 37410 - Rooiberg, Tin mine: **TM:** 45092 - Shashi-Limpopo River confluence: **TM:** 45099, 45101 - Sudwala Cave (2522S 3042E): **TM:** 41901 - The Downs: **TM:** 20428, 27508 - Tsitsikama National Park, 2 km S Stormsriver Mouth, Guono Cave: **TM:** 40523 - Waterberg, Farm Klipfontein 54JS (2408S 2808E): **TM:** 31269, 31270, 31275, 31276, 40217.

Tanzania:

Amani Nature Forest Reserve, NW-side (0507.533S 3834.831E, 945 m): **SMF:** 91237, 91238, 91239 - Ambangulu Estates (0445S 3815E): **ZMB:** 50039 - Bamba-Mlungi Forest Reserve (0458S 3847E): **SMF:** 83507 - Litipo Forest Reserve (1002S 3929E): **SMF:** 82529 - Matai Forest Reserve (0451S 3846E, 250 m): **SMF:** 85534 - Mkulumuzi River Gorge, Amboni Cave Forest: **SMF:** 79633 - Mtira: **ZMB:** 50068 - Muheza Forest, Tongwe Forest Reserve (051820S 384344E): **SMF:** 79632 - Namanjere [=Namanyere] (0731S 3103E): **ZMB:** 50038 - Segoma Forest Reserve (0458S 3845E, 120 m): **SMF:** 88507 - Segoma Forest Reserve (0458S 3845E, 635 m): **SMF:** 91246 - Songwe Valley, Tegemo farm (0849S 3016E, 1300 m): **SMF:** 79631 - Songwe-Flub, Songwe Bat Cave (0954S 3313E): **SMF:** 85542 - Suma: **UIA:** ABOS-128 - Uluguru Mts., Morningside (0653S 3740E, 4000 ft): **SMF:** 57321.

Tanzania [=former Tanganyika]:

Kilwa: **SMF:** 19453, 19454.

Tanzania [=former Tanganyika]:

Mikindani (1016S 4005E): **SMF:** 26878.

Unknown Country:

: **TM:** 46434, 46435, 46437.

Unknown country:

Chifumbaze: **ZMB:** 50022, 50031.

Zambia:

Muzubuku: **TM:** 13534.

Zimbabwe:

Birchenough Bridge, 11.2 km W (1954S 3214E): **TM:** 8576, 8577 - Gorgman: **TM:** 43242 - Mondo River, S boundary:

TM: 45053, 45054 - Rhodes Matopos National Park (2023S 2829E): **TM:** 35008, 35023, 35024 - Sengwa Wildlife Research Station (1810S 2813E): **TM:** 34846, 34847, 34848, 34849, 34850, 34851, 34852, 34853, 34854, 34855, 34856, 34857, 34858, 34859, 34860, 34861, 34965, 34966, 34967 - Sentinal Ranch (2210S 2930E): **TM:** 41439.

Rhinolophus hillorum Koopman, 1989

Liberia:

John Hegbe farm (0825N 0935W, 500 m): **AMNH:** 257044.

Rhinolophus hipposideros (Bechstein, 1800)

Algeria:

Biskra (3451N 0544E): **ZMB:** 17550.

Eritrea:

Keren (1546N 3827E, 1400 m): **SMNS:** 987 (Type *Rhinolophus miminus*).

Morocco:

Ha-ha: **BMNH:** 1910.11.24.2 (Type [*Rhinolophus hipposideros*] *escaleræ*).

Rhinolophus landeri Martin, 1838

Cameroon:

Buea (0409N 0913E, 1850 m): **ZMB:** 93808, 93809, 93810, 93811, 93812.

Congo (Democratic Republic of the):

Aba (0353N 3017E): **AMNH:** 49175 (Type *Rhinolophus axillaris*).

Equatorial Guinea:

Bioko [=former Fernando Po]: **BMNH:** 1855.12.26.250 (Holotype *Rhinolophus landeri*).

Kenya:

Kibwesi (0225S 3758E, 1000 m): **ZMB:** 50030 - Ndi (0314S 3830E, 2000 m): **ZMB:** 5266.

Malawi:

Ncheu [=Ntcheu] (1448S 3439E): **TM:** 9162.

Mozambique:

Sena: **ZMB:** 24922, 24927, 2496, 375.

Namibia:

Otjimbingue (2215S 1610E): **ZMB:** 50069, 50070.

South Africa:

Botshabelo: **ZMB:** 4064 - Fig Tree Camp (2225S 3111E): **TM:** 36866 - Manxeba windmill [=waterhole] (2224S 3114E): **TM:** 38131 - Shirombe pan (2243S 3123E): **TM:** 30554 - Sudwala Cave (2522S 3042E): **TM:** 41986.

Sudan:

: **BMNH:** 1847.5.7.49 (Holotype *Rhinolophus Dobsoni*).

Tanzania:

Iringa (0747S 3542E): **ZMB:** 60914 - Matumbi-Berge [=Matumbi Hishlands] (0820S 3855E): **ZMB:** 50063, 50064, 50065 - Tanganyika, lake: **ZMB:** 50050.

Zimbabwe:

Chirisa Cave (1741S 2823E): **TM:** 34909, 34910, 34911, 34912, 34913, 34914, 34915, 34916, 34917, 34918, 34919, 34920, 34921, 34922, 34923, 34924, 34925, 34926 - Iron Mask Hills cave (170342S 305748E): **TM:** 41873.

Rhinolophus maclaudi Pousargues, 1897

Guinea:

Conakry Island: **MNHN:** 1897-281.

Rhinolophus maendeleo Kock, Csorba and Howell, 2000

Tanzania:

Tanga district 2: **SMF:** 79643.

Rhinolophus ruwenzorii J. Eric Hill, 1942

Congo (Democratic Republic of the):

Buhatu valley: **AMNH:** 82394.

Rwanda:

Uwinka (2 300 m): **ZMZ:** 126639 (Type *Rhinolophus hilli*).

Rhinolophus sakejiensis Cotterill, 2002

Zambia:

Kavunda (1117S 2421E, 1388 m): **HZM:** 1.32236; **NHMZ:** 29153 (Holotype *Rhinolophus sakejiensis*), 29154 (Paratype *Rhinolophus sakejiensis*).

Rhinolophus simulator K. Andersen, 1904

Congo (Democratic Republic of the):

Kakontwa, Kalomoni cave: **SMF:** 19079 - Kasoma cave: **SMF:** 21265, 21266, 21267, 21268, 21269, 21270, 21271, 21272 - Lubudi: **SMF:** 21259 - Lubudi, Kaboyaboya cave: **SMF:** 21253, 21254, 21255, 21256, 21257, 21258 - Lubudi, Lusolo cave: **SMF:** 21247, 21248, 21249, 21250, 21251, 21252 - Lubudi, Mulong cave: **SMF:** 21260, 21261, 21262,

21263, 21264 - Pempere, Defrenne cave: **SMF:** 19080, 19081 - Tantara, cave, "Trou aux Serpents": **SMF:** 21246.

Ethiopia:

Omar cave, S of (0650N, 4033E, 1345 m): **SMF:** 41812, 41813.

Malawi:

Nganda, E slope of mount (1027S 3352E, 2300m): **SMF:** 85746.

Nigeria:

Chappal Waddi (0701N 1141E, 1900m): **ZFMK:** 88.99 - Gangirwal (0701N 1142E, 2300m): **ZFMK:** 88.100.

South Africa:

Bishopstowe cave (2936S 3023E): **TM:** 13735, 13736, 13737, 13738, 13739, 13740, 13741 - Bobomeni research camp [=Bobomene] (2225S 3112E): **TM:** 40837 - Cinnabar mine (254836S 310036E): **TM:** 1983, 1984 - Dongolakop (2214S 2941E): **TM:** 10024 - Doornhoek mine (2936S 3031E): **TM:** 36204, 36205, 36206, 36207, 36208, 36209, 36210 - Dumisa gold mine (3015S 3021E): **TM:** 30122, 30123, 36267 - Esperanza [=Beneva] Tunnel (3020.64S 3037.89E): **DNSM:** 5078, 5079, 5080 - Farm Doornhoek: **SMF:** 55038, 55039 - Farm Groothoek 99 (242100S 290748E): **TM:** 23392, 23393, 23394, 23395, 23396, 23397, 23398, 23399, 23401, 23403 - Farm Hectorspruit (2526S 3141E): **TM:** 1045, 1186, 1316, 1317, 1318 - Farm Modderfontein, Howel Davies Caves (2420S 2911E): **TM:** 12580, 12581, 12582, 12583, 12584, 12585, 12586, 27503, 27504, 27505 - Farm Mooimeisjesfontein 147JQ [=Mooimeisjesfontein, Mooimysjesfontein, Mooimysjesfontein] (2501S 2737E): **TM:** 1648, 1649, 1650, 1652, 1653, 1654, 1655, 1656, 1657 - Farm Mooiplaas 94 (2445S 2624E): **TM:** 20480, 20481, 20482, 20483, 20484, 20485, 20488 - Farm Rhoda 9, old mica mine (2403S 3106E): **TM:** 24253, 24254, 24255 - Farm Rietfontein 536KQ (2454S 2744.60E): **TM:** 47160 - Farm Rooikranz 538 (2453S 2739E): **TM:** 1651 - Farm Skoongesig 360JS, Languitsig (2537S 2952E): **TM:** 47081, 47085 - Farm Strathfiedsaye (2930Cd): **TM:** 25459 - Farm Tygerkloof 354 (244140S 271233E): **TM:** 45214, 45215, 45216, 45217, 45218, 45219, 45221 - Farm Victoriaspoort 18IT (2607S 3022E): **TM:** 47080 - Farm Victoriaspoort 18IT, Kalkoenkrans Cave (2607S 3022E): **TM:** 47013 - Farm Waterval, Third Mine Tunnel (255211S 301919E): **TM:** 47012 - Figaro Mine (2527S 3128E): **TM:** 39775, 39776, 39777, 39778, 39779, 39780, 41319, 41320, 41321, 41322, 41323, 41324, 41325, 41326, 41327 - Figtree forest (2225S 3118E): **TM:** 37942 - Fountains Valley (2557S 2812E): **TM:** 42907 - Gravelotte Mine (2357S 3036E): **TM:** 42885, 42886, 42887, 42888, 42889, 42890, 42891, 42892, 42893, 42894, 42895, 42896, 42897, 42899, 42900, 42901, 42902, 42903, 42904, 42905, 42906 - Gravelotte mines (2355S 3036E): **TM:** 3992 - Hilgobbin Dargler (2925S 3006E): **TM:** 8917 - Irene cave (255136S 281348E): **TM:** 40919 - Kaalrug: **TM:** 47620 - Klein Letaba, 14 km W (2308S 3019E): **TM:** 1020 - Letaba Ranch, Sabi River (2335S 3104E): **TM:** 25538 - Levuvhu hippo pool (2226S 3111E): **TM:** 36476 - Loskopdam Nature Reserve (2523S 2920E): **TM:** 19834 - Louw's [=Lowes] Creek, Imperial mine (2539S 3118E): **TM:** 2470, 2471, 2472, 2473 - Louw's Creek (2539S 3118E): **TM:** 42908, 42909, 42910, 42911 - Madimbo Military area (2218S 3052E): **TM:** 44489, 44489a, 44491, 44493, 44494, 44495, 44496 - Manxeba [=Maxeba] windmill (2224S 3114E): **TM:** 37940 - Mokeetsi (2340S 3005E): **TM:** 8907 - Mpumalanga (245317S 304821E): **TM:** 47621 - Oribi-Lind Valley Game Ranch (304200S 301348E): **TM:** 34330, 34331, 34332, 34333, 34334, 34335, 34336, 34337 - Ottos Bluff [=Koks farm] (2936S 3023E): **TM:** 30150 - Pafuri, upstream site (2225S 3111E): **TM:** 38852 - Perkeo ? 223KT: **TM:** 47082 - Pietermaritzburg: **SMF:** 55040, 55041, 55042, 55043, 55044 - Pilanesburg Nature Reserve, Old mine audit (2527Aa): **TM:** 37886 - Pretoria (2545S 2815E): **TM:** 42917 - Rooiberg, Sundspruit cave: **SMF:** 19560, 19561 - Schurweberg (2547S 2759E): **TM:** 42912, 42913, 42914, 42915, 42916 - Skurweberg cave (2548S 2759E): **TM:** 13447 - Soutpansberg [=Zoutpansberg], Entabeni State Forest (225848S 301500E): **TM:** 25854, 25855, 25856 - Sudwala Cave area, Miggiesgat cave (2522S 3142E): **TM:** 46647 - Sudwala Mine 2 (2522S 3037E): **TM:** 46843, 46844, 46845 - Town Bush cave (2936S 3022E): **TM:** 30120 - Uitkyk en Paranie Private Nature Reserve (2536S 3106E): **TM:** 20157 - Vernon Crookes Nature Reserve (3016S 3036E): **DNSM:** 5442, 5443 - Vernon Crookes Nature Reserve (303600S 301536E): **TM:** 28834, 28836, 29787, 29789, 29792, 29801, 29805, 29814 - Waterberg, Farm Klipfontein 54JS (2408S 2808E): **TM:** 47102 - Wonderboom: **TM:** 3936, 3937 - Zebediello: **SMF:** 19559 - Zwartkop cave (2551S 2810E): **TM:** 45226.

Swaziland:

Horo, in old mine drive (2531Cb): **TM:** 1979, 1980 - Wyldesdale, in old mine drive (2549S 3116E): **TM:** 1981, 1982.

Tanzania:

Mwanihana Forest (0745S 3648E, 100m): **SMF:** 62866 - Mwanihana Forest (0745S 3648E, 600m): **SMF:** 82528.

Unknown Country:

: **TM:** 44490.

Zambia:

Kaungashi stream, source of (1350S 2647E): **BMNH:** 1966.5445 - Ngwerere cave (1525S 2817E): **SMF:** 47485.

Zimbabwe:

Mazoe: **BMNH:** 1902.2.7.10 (*Holotype Rhinolophus simulator*) - Umtali mine adit [=Umtali Old mine] (1904S 3241E): **TM:** 34656, 34658, 34659, 34660, 34815, 34816, 34817, 34818.

Rhinolophus swinnyi Gough, 1908

"Africa":

Insizwe Mine (3048S 2917E): **DNSM:** 7084.

South Africa:

Anthrax camp (222530S 311230E): **TM:** 34265 - Berlin: **TM:** 47159 - Farm In-de-Diepte 164JT: **TM:** 47732 - Figtree camp (222550S 311150E): **TM:** 36101, 36937, 36938 - Hlabeni Forest (2957S 2944E): **DNSM:** 7080 - Hluhluwe Game Reserve, Research camp (2804S 3202E): **TM:** 44397 - Levuvhu hippo pool (2226S 3111E): **TM:** 34210 - Mpumalanga (245317S 304821E): **TM:** 47730 - Ngome Forest Reserve (275000S 312445E): **TM:** 39848 - Ngqeleni District (3040S 2902E): **TM:** 1021 (*Type Rhinolophus swinnyi*), 1022 (*Paratype Rhinolophus swinnyi*) - Old Picnic Site (222530S 3118E): **TM:** 36971 - Old picnic site (2225S 3118E): **TM:** 37040 - Port St. Johns (3138S 2933E): **TM:** 1023, 1024, 1025, 1026, 1154, 7802, 7803 - Sandile's Cave (3237S 2717E): **TM:** 36580, 36581, 36582, 36583, 36584, 40503, 40504, 40505, 40506 - Umtamvuna Gorge Nature Reserve (301027S 301013E): **DNSM:** 5456.

Tanzania:

Amani (0510S 3847E, 1000 m): **ZMB:** 50028.

Zambia:

Missale Old Mine (1405S 3259E): **NHMZ:** 20078, 20079, 20102, 20105, 20107, 20108, 20109, 20181, 20182.

Zimbabwe:

Bezwe river: **TM**: 1325.

Rhinolophus ziama Fahr, Vierhaus, Hutterer and Kock, 2002

Guinea:

Guinée Forestière, border of "Réserve de la Biosphère du Massif du Ziama": **ZFMK**: 99.934.

Rhinopoma hardwickii Gray, 1831

"Africa":

Unknown locality: **MNHN**: 1962-2657, 1983-1628, 1983-1629.

Algeria:

: **ZMB**: 37762 - Tit (2259N 0511E); **SMF**: 51643; **ZFMK**: 76318.

Burkina Faso:

Tambao (1448N 0006E): **SMF**: 60912, 60916, 60917, 60918.

Chad:

Tibesti (2100N 1800E): **RMCA**: 31165, 31166.

Djibouti:

Ali-Sabieh (1110N 4244E): **FMNH**: 68193, 68195, 68196.

Egypt:

(ca. 3001N 3113E): **FMNH**: 67598, 67603 - Abu Rawash (3002N 3106E): **BMNH**: 1909.7.1.11; **CM**: 62316 - Aswan (2405N 3253E): **BMNH**: 1892.9.9.38; **CM**: 62309 - Aswan governate (2405N 3253E): **FMNH**: 123187, 123192 - Cairo (3003N 3115E): **SMF**: 25803, 33496, 33497, 33498, 33499, 33500, 33501, 33502, 33503, 33504, 33505, 33506, 33507, 33508, 33509, 33510, 33511, 33512, 33513, 33514, 33515, 33516, 33517, 33518, 33519, 33520, 33521, 33522, 33523, 33524, 33525; **ZMB**: 2506; **ZMH**: T648 - Cairo, S of (ca. 3003N 3115E): **SMF**: 25801 - Dandarah (2610N 3239E): **AMNH**: 244133; **CM**: 78812, 78814, 78819, 78820, 78821; **FMNH**: 123215, 123216, 123217; **SMNS**: 17476, 17477, 17478 - Edfu (2455N 3252E): **CM**: 62305, 62306, 62307, 62308, 62310, 62311, 62312, 62313, 62314, 62315, 62317; **SMF**: 22671, 22673, 22675, 22676, 22677, 22678, 22679 - Egypt: **BMNH**: 2.c, 2.d; **KBIN**: 12468; **MNHN**: A-121/T196, A-122/196A, A-123/196B, A-124/196C; **RMNH**: J1887-288b; **SMF**: 11950, 12280; **SMNS**: 482-2a, 482-3b - El Badrshin (2951N 3116E): **FMNH**: 123196, 123199, 123200, 123202, 123203, 123204, 123205, 123206, 123209, 123210, 123212 - Gizeh (3001N 3113E): **AMNH**: 54405; **BMNH**: 1894.7.22.1, 1908.11.5.5, 1908.11.5.7, 1908.11.5.8, 1908.11.5.9; **FMNH**: 34160; **HZM**: 8.3193; **MCZ**: 14618, 14620, 14622, 14624 - Gizeh pyramide (3001N 3113E): **FMNH**: 78589 - Jebel Drunka (2707N 3110E): **FMNH**: 87774 - Luxor (2541N 3239E): **BMNH**: 1902.1.17.1 - Vic (*Holotype Rhinopoma cystops*), 1902.1.17.1 Duplicate, 1902.1.17.2; **FMNH**: 49021, 49031 - no specific locality: **ZMB**: 12092, 15035, 46210, 46211, 85635, T09868, T09869 - Sakhara [=Saqqara] (2951N 3113E): **ZMB**: 564 - Sakhara [=Saqqara] (2951N 3113E): **ZMB**: 385 - Saqqara (2951N 3113E): **CM**: 62318, 62319, 62320, 62321, 62322, 62323, 62324, 62325, 62326, 62327, 78809; **FMNH**: 78590; **SMF**: 40647, 40648; **ZMB**: 564.2 (*Type Vespertilio ferox*), 564.3 (*Type Vespertilio brevicauda*).

Ethiopia:

Awash national park (0852N 4001E): **BMNH**: 1970.403, 1970.406, 1970.409, 1970.410, 1970.411, 1970.412, 1970.413; **HNHM**: 88.9.1 - Lava-Dom: **SMF**: 45002 - Metahara, 1 km W (0850N 4001E): **SMF**: 49147, 49148, 49149, 49150, 49151, 49152, 49153, 49154, 49155, 49156, 49157, 49158, 49159, 49160, 49161, 49162, 49163, 49164, 49165.

India:

India: **BMNH**: GMCM 1.e (*Type Rhinopoma Hardwickii*).

Mauritania:

Akjoujt (1945N 1423W): **USNM**: 384843, 384847, 384849, 384853, 384855, 384856, 384860, 384869, 384870, 384871, 384872, 384873, 384874, 384875, 384877, 384879, 384880, 384881, 400464, 400465, 400466, 400469, 400471, 400472, 400473, 400474.

Morocco:

Ouarzazate, 19 km E (3057N 0643W): **USNM**: 467150, 476147, 476148, 476149, 476151, 476152, 476153, 476154, 476155, 476156, 476157, 476158, 476159, 476160, 476161, 476162, 476163, 476164, 476165, 476166, 476167, 476168, 476169, 476170, 476171, 476172, 476173, 476174, 476175, 476176, 476177, 476178, 476179, 476180, 476181, 476182, 476183, 476184, 476185, 476186, 476187, 476188, 476189, 476190, 476191, 476192 - Tata (2944N 0756W): **MNHN**: 1954-360A, 1954-360B, 1954-360C, 1954-360D, 1954-360E, 1954-360F, 1954-360G, 1954-360H - Tata, 8 km N (ca. 2944N 0756W): **USNM**: 470594, 470595, 470596, 470597, 470598, 470599, 470600, 470601, 470602.

Niger:

I-N-Gall (1647N 0656E): **RMCA**: 73-041-M-0050, 73-041-M-0051, 73-041-M-0052, 73-041-M-0053, 73-041-M-0054, 73-041-M-0055, 73-041-M-0056, 73-041-M-0057, 73-041-M-0058, 73-041-M-0059, 73-041-M-0060, 73-041-M-0061, 73-041-M-0115, 73-041-M-0116, 73-041-M-0117, 73-041-M-0118, 73-041-M-0119, 73-041-M-0120, 73-041-M-0121, 73-041-M-0122, 73-041-M-0123, 73-041-M-0124, 73-041-M-0125, 73-041-M-0126, 73-041-M-0128 - Niger: **MNHN**: 1983-2018 - Tebeig Asben (1640N 0830E): **BMNH**: 1925.5.12.3 - Zinder (1346N 0858E): **FMNH**: 44714, 44715, 44716.

Senegal:

Senegal: **MNHN**: 1985-319, 1985-320, 1985-321, 1985-322, 1985-323.

Somalia:

Taleh cave (0912N 4825E): **MZUF**: 9920, 9922, 9923, 9924, 9925, 9926, 9927, 9928, 9929, 9930.

Sudan:

Dongola (1910N 3027E): **ZMB**: 4100 - Jebel Aulia (1519N 3231E): **BMNH**: 1903.2.7.10 - Jebel el Azraq (1950N 2738E): **FMNH**: 81580, 81581, 81585; **HZM**: 13.3506, 25.5252, 26.5253, 27.5254, 28.5255, 29.5256, 9.3383 - Jebel Toro (1042N 3359E): **SMF**: 33192, 33193, 33194 - Kadugli (1100N 2944E): **SMF**: 33196, 33197, 33201, 33202, 33203, 33204, 33205, 33206, 33207, 33208, 33209, 33210 - Khartoum (1540N 3235E): **SMF**: 21121, 21122, 21123, 21131, 21133, 21134, 21135, 21136 - Lokomorinyang (0502N 3535E): **HZM**: 3.1826 - Merowe (1830N 3149E): **BMNH**: 1904.11.3.10, 1904.11.3.11 - Rheika (1041N 3000E): **SMF**: 33211, 33212, 33213 - Tadoro (1042N 3001E): **SMF**:

33195.

Tunisia:Metlaoui and Redeyef, between (3420N 0824E): **MNHN**: 1983-1644 - Redeyef (3423N 0809E): **MNHN**: 1983-1645.*Rhinopoma macinnesi* Hayman, 1937**Eritrea:**Assab (1301N 4243E): **HNHM**: 2728.1, 2728.2, 2728.3, 2872/5-1.**Ethiopia:**Gibdo (1257N 4242E): **HNHM**: 2728.12.**Kenya:**Baringo, lake (0038N 3616E): **BMNH**: 1975.2762, 1975.2763, 1975.2764, 1975.2765, 1975.2766, 1975.2767; **ROM**: 48710, 48711, 48712, 65900, 65901, 65902, 65903, 65904 - Bat island (0327N 3604E): **BMNH**: 1936.11.4.45 (**Type** *Rhinopoma cystops macinnesi*), 1936.11.4.46; **ROM**: 40161 - Central island (0329N 3602E): **ROM**: 36711, 36712, 36713, 36714, 36715, 36716, 36717, 36718, 36720, 36721, 36725, 36726, 36727, 36728, 36729 - Gibraltar island (0036N 3604E): **AMNH**: 219720, 219721, 219722; **ROM**: 36242, 36243, 36244, 36246, 36247, 40184, 40185, 40187 - Kampi ya Samaki (0038N 3617E): **ROM**: 68580, 68581 - Lesukut island (0035N 3602E): **HZM**: 22.4347, 23.4354; **SMF**: 46554, 46555 - Turkana, lake (0330N 3602E): **BMNH**: 1975.2760, 1975.2761.**Somalia:**Galgalo Oase (1100N 4902E): **MZUF**: 7872, 7873, 7874, 7875, 7876, 7883, 7884, 7885, 7886, 7887, 7888, 7889, 7890, 7891, 7892.*Rhinopoma microphyllum* (Brünnich, 1782)**"Africa":**Unknown locality: **BMNH**: 1907.1.1.579.**"Senegal or Mauritania":**: **MNHN**: 1984-305A, 1984-305B, 1984-305C, 1984-305D, 1984-305E, 1984-305F, 1984-305G, 1984-305H, 1984-305I, 1984-305J, 1984-305K, 1984-305L, 1984-305M, 1984-305N, 1984-305O.**Algeria:**: **ZMB**: 37763.**Burkina Faso:**Saba (1442N 0045E): **SMF**: 60920 - Tambao (1448N 0006E): **SMF**: 60919.**Cameroon:**Waza (1125N 1434E): **RMCA**: coll:1.2044, coll:1.2045, coll:2.492.**Egypt:**Belim: **BMNH**: 1903.12.8.26 - Cairo (3003N 3115E): **ZMB**: 46209 - Cairo, S of (ca. 3003N 3115E): **SMF**: 25800 - Egypt: **BMNH**: 2.b; **KBIN**: 12417; **MNHN**: 120, A-125/196D; **RMNH**: J1887-288a, J1887-288c, J1888-199b; **SMF**: 11946, 11947, 11948, 11949, 1316, 1325, 6378(898) - Giza [=Gizeh] (3001N 3113E): **ZMUC**: type1 (**Type** *Vespertilio Microphyllus*) - Gizeh (3001N 3113E): **BMNH**: 1894.7.22.2, 1894.7.22.3, 1909.7.1.10 - no specific locality: **ZMB**: 54843, 74755, T09849, T09850 - Thebe (2541N 3239E): **MHNG**: 683.31.**Ghana:**Accra (0533N 0013W): **ZMB**: 5223.**Mauritania:**Akjoujt (1945N 1423W): **USNM**: 384835, 384836, 384837, 384838, 384839, 384840, 384841, 384842, 384844, 384845, 384848, 384850, 384851, 384852, 384854, 384857, 384858, 384859, 384862, 384863, 384864, 384865, 384866, 384867, 384868, 384876, 384946, 400467, 400468.**Morocco:**Ouarzazate, 19 km E (3057N 0643W): **USNM**: 476193, 476194, 476195, 476196.**Nigeria:**Wase Rock (0904N 0954E): **BMNH**: 1963.1815.**Sudan:**Jebel Aulia (1519N 3231E): **BMNH**: 1903.2.7.11, 1903.2.7.12 - Jebel el Azraq (1950N 2738E): **HZM**: 2.3381, 7.5250 - Jebel Talao (550 m): **SMF**: 33265 (**Type** *Rhinopoma microphyllum tropicalis*) - Khartoum: **ZMB**: 2578 (**Type** *Rhinopoma lepsianum*) - Nuba mountains (1200N 3045E): **ROM**: 62614, 62615, 62617, 62618, 62620, 62622, 62626, 62627, 62628, 62629, 62630, 62631, 62632.*Myzopoda aurita* Milne-Edwards and A. Grandidier, 1878**Madagascar:**Mananaro: **ZMB**: 5866 - no specific locality: **MNHN**: 223 (**Type** *Myzopoda aurita*).*Coleura afra* (Peters, 1852)**Angola:**Catumbella [= Benguella] (1225S 1335E): **BMNH**: 1907.5.31.1.**Congo (Democratic Republic of the):**Bamingui-Bangoran National Park [= Bamingui-Bangoran Naional Park] (0755N 2015E, 469 m): **BMNH**: 1981.230, 1981.231.**Guinea-Bissau:**Madina Boé (1145N 1313W): **NMBE**: 5277 (**Syntype** *Coleura kummeri*), 5278 (**Syntype** *Coleura kummeri*).**Mozambique:**Tete: **BMNH**: 1858.6.18.12 (**Syntype** *Emballonura afra*) - Tette [=Tete] (1610S 3335E, 230 m): **ZMB**: 429, 430, 54845, 571, 67559, 67561, 67562, 85667, 85669.**Somalia:**

Mogadishu [=Mogadishiu =Moqdisho] (0204N 4522E): **ZMB**: 67427, 67428, 67429, 67430, 67431, 67432, 67433, 67434, 67435, 67436, 67437, 67438, 67439, 67440, 67441, 67442, 67443, 67444, 67445, 67446, 67447, 67448 - Zeila [=Saylac] (1121N 4328E): **ZMB**: 72250, 72251 - Zeyla (0 m): **BMNH**: 1911.8.2.4 (Type *C[oleura] gallarum*).

Sudan:

Bahr-el-Zeraf, near mouth: **BMNH**: 1915.3.6.76 (Type *C[oleura] g[allarum] nilosa*).

Tanzania:

Ambani caves (0538Ba): **TM**: 29271, 29273, 29274 - Lindi (1000S 3943E): **ZMB**: 67426 - Tanga (0504S 3906E): **ZMB**: 10136, 10137.

Unknown country:

Tschaka: **ZMB**: 67425.

Coleura seychellensis Peters, 1868

Seychelle Islands:

Mahe Island: **BMNH**: 1869.2.19.2 - Silhouette Island: **BMNH**: 1906.3.18.2 (Type *C[oleura] silhouettæ*).

Emballonura atrata Peters, 1874

Madagascar:

: **MNH**: 1947.288 [7 specimens] - "probably cate est": **MCZ**: 57538 - Ambatobe, W slope mount (2330.6S 4703.1E, 650 m): **FMNH**: 178595, 178596, 178677 - Fort Carnot [=Ikongo]: **MCZ**: 45649 - Great forest of the East [=Grande forêt de l'Est]: **MCZ**: 45091 - Hiaraka: **MNH**: 1985.948 - High Fanjahira, valley: **MCZ**: 45081, 45082, 45083, 45084, 45085, 45086 - Kianjavato (2122.442S 4751.604E, 150m): **FMNH**: 185224, 185225, 185226 - Mananara: **MNH**: 1997-2133 - Maroantsetra: **MNH**: 1985.411 - Maroantsetra, 20 km SW: **FMNH**: 74198, 74199, 74200, 74201, 74202, 74203; **MNH**: 1947.289 A a T [19 specim, 1996.358, 1996.359, 1996.360 - Marovony Forest (2408S 4722E, 30m): **USNM**: 577062, 577063 - no specific locality: **ZMB**: 4692 - Perinet [=Andasibe]: **MNH**: 1985.418; **ROM**: 42056 - Rogez: **MNH**: 1984.757, 1984.758 - Tamatave [=Toamasina]: **MCZ**: 16401, 16402 - Tanala: **MCZ**: 45647 - Vondrozo, cave N of: **MCZ**: 45089.

Emballonura tiavato Goodman, Cardiff, Ranivo, Russell, and Yoder, 2006

Madagascar:

Ambahibe, cave [=Grotte d'Ambahibe] (125805S, 490709E, 80m): **FMNH**: 176270, 176271, 176272, 176273, 176274 - Andakaty, cave [=Grotte d'Andakaty] (1307.778S 4914.039E, 210m): **FMNH**: 179357, 179358, 179359, 179360, 179361, 179362, 179363, 179364 - Andavadrano (1250.632S 4920.897E, 330m): **FMNH**: 179238 - Andrafiabe Cave, forest near [=forêt près de la grotte d'Andrafiabe] (1255.9S 4903.4E, 50m): **FMNH**: 169705, 176275, 176276 - Anjajavy, 18.5 km S (1511.426S 4712.175E, 50m): **FMNH**: 184016, 184017 - Anjajavy, 26.5 km SW (1511.871S 4702.534E, 0m): **FMNH**: 184013, 184014, 184015 - Anjajavy, 3 km NE (1500.471S 4714.331E, 10m): **FMNH**: 184018, 184019, 184020, 184021, 184022, 184023, 184024 - Anjajavy, 4 km NE (1459.713S 4713.916E, 10m): **FMNH**: 184080 - Anjohitantly (1908.460S 4448.783E, 64m): **UADBA**: RBJ-157, RBJ-158, RBJ-162 - Antsironandoha Cave, west [=Ouest de la grotte d'Antsironandoha] (125320S 490551E, 100 m): **FMNH**: 173002, 173003 - Bazaribe, cave [=Grotte de Bazaribe] (1242.728S 4928.411E, 90m): **FMNH**: 178800, 178801, 178802 - Binara, forest [=Forêt de Binara] (131518S 493659E): **FMNH**: 172680 - Marovaza (145648S 471628.6E, 5m): **FMNH**: 184025, 184026 - Matsaborimadio, at edge of (1248.625S 4915.252E, 290m): **FMNH**: 179239 - Pointe a la Fievre: **MNH**: 1985.410 - Sambirano River, lower: **MCZ**: 45087, 45088.

Saccolaimus peli (Temminck, 1853)

Cameroon:

Mieri (0415N 1359E): **RMCA**: 76-014-M-0046 - Yaounde (0352N 1131E, 1025 m): **ZMB**: T10017.

Congo (Democratic Republic of the):

Kinawa passage, confluence Thyuma & Semliki: **KBIN**: 21460.

Taphozous E. Geoffroy St.-Hilaire, 1818

Senegal:

Dagana (ca. 1630N 1530E): **ZMB**: 41259, 41260, 41261, 41262, 41263, 41264, 41265, 41266, 41267, 41268, 41269, 41270, 41271, 41272.

Taphozous hamiltoni Thomas, 1920

Sudan:

Mongalla (0510N 3150E): **BMNH**: 1919.12.18.1.

Taphozous hildegardae Thomas, 1909

Kenya:

Patta [=Pate, island] (0206S 4103E): **ZMB**: T10483, T10484 - Rabai (700 ft): **BMNH**: 1909.6.12.7 (Holotype *Taphozous hildegardae*).

Taphozous mauritanus E. Geoffroy St.-Hilaire, 1818

Angola:

Catumbella (1225S 1335E): **ZMB**: 3634 - Duque de Bragança [=Calandula] (ca. 0906S 1557E): **ZMB**: 3635.

Burundi:

- Bujumbura, 7 km NW: **SMF**: 57545.
- Cameroun:**
no specific locality: **ZMB**: 4952, T10019, T10020, T10608.
- Cote D'Ivoire:**
island forest 35, transect 1 (0844N 0348W): **SMF**: 91855 - Kongo-Savanna, transect 5 (0846N 0346W): **SMF**: 91856, 91857.
- Equatorial Guinea:**
Fernando Po [=Bioko island] (0330N 0842E): **ZMB**: 4953.
- Kenya:**
Aruba Lodge (0322S, 3850E): **SMF**: 37516, 37517, 37518, 39415.
- Madagascar:**
no specific locality: **SMF**: 11991.
- Mauritius:**
Mauritius: **ZMB**: 3571.
- Namibia:**
Namutoni (3400 ft): **BMNH**: CN1542.
- Nigeria:**
Independence Layout: **SMF**: 92073.
- Rwanda:**
Butare (0234S 2943E): **RMCA**: 18992 - Gabiro (0132S 3025E): **RMCA**: 17074, 17075.
- South Africa:**
(2952S 3100E): **TM**: 2353 - Bronkhorstspuit (2549S 2843E): **TM**: 17502 - Derdepoort (254050S 281720E): **TM**: 13444, 13445, 13446 - D'Nyala Provincial Nature Reserve (2245S 2750E): **TM**: 27685, 27686, 40938 - Doorndraai Dam Nature Reserve (2416S 2843E): **TM**: 44063 - Durban (2931Cc): **TM**: 3028 - Duwelskloof (2322S 3228E): **TM**: 8725 - Farm Buren (2337S 2752E): **TM**: 42871 - Farm Groothoek 99 (242100S 290748E): **TM**: 23340, 23341, 23342 - Farm Naerina (2342S 3016E): **TM**: 25264 - Farm Nicorel 343 (231536S 283636E): **TM**: 23335 - Farm Olifantspoort 328 (2549S 2716E): **TM**: 19631 - Farm Olifantspoort 328 [=Retiefkloof] (2549S 2716E): **TM**: 19531 - Greytown (290636S 303636E): **TM**: 3491 - Hans Strydom Dam Nature Reserve: **TM**: 44196 - Hatfield Primary School (254446S 281421E): **TM**: 13104, 13117, 13436 - Howick, Phillhot Street (2930S 3110E): **TM**: 38381 - Letaba highwater bridge (2340S 3040E): **TM**: 39573, 39574 - Luipershoek (2503S 2850E): **TM**: 41432 - Lynwood (2545S 2813E): **TM**: 41636 - Messina Nature Reserve (2223S 3003E): **TM**: 44201 - Mockford's garden (2225S 3118E): **TM**: 36594 - Msinga pan (2747S 3212E): **TM**: 38107 - Old picnic site (2225S 3118E): **TM**: 38278, 39498, 39499 - Picnic site (2225S 3115E): **TM**: 41727, 41728 - Scottsville, 26 Hutchinson Road (2936S 3023E): **TM**: 35443 - Skukuza (2459S 3135E): **TM**: 39730 - Tshalungwa Fountain [=Shalungwafontein, Tshalungwafontein] (2233S 3104E): **TM**: 36781, 40997 - Tzaneen Governmental Estate (2348S 3010E): **TM**: 1097 - Waterberg, Farm Dirleton 276, Brombeek 271/2 (2232S 2926E): **TM**: 34133, 34134.
- Sudan:**
Boram (1036N 2957E): **SMF**: 32783, 32784 - Taufikia (ca. 0925N 3135E): **ZMB**: 42427 - West Nzara (0438N 2815E, 710m): **SMF**: 32788, 32789 - Yei (0405N 3040E, 830m): **SMF**: 32790.
- Tanzania:**
Engaruka: **SMF**: 29027 - Kidugallo (0649S 3812E): **SMF**: 29026 - Kilombero Valley (0840S 3630E, 330m): **SMF**: 88502 - Kwamgumi Forest Reserve (0457S 3844E): **SMF**: 82490 - Lake Manyara National Park: **SMF**: 69214, 70452, 70453, 70454 - Lindi (1000S 3943E): **ZMB**: 9246 - Liwale: **CAWM**: 4951 - Mikindani (1016S 4005E): **ZMB**: T10000, T10001 - Moshi (0321S 3720E, 820 m): **SMF**: 19467, 19468 - Singida (0514S 3526E): **ZMB**: 45005 - Tanga (0504S 3906E): **ZMB**: 7642.
- Tanzania [=former Tanganyika]:**
Mikindani (1016S 4005E): **SMF**: 26884, 26885, 26886, 26887, 26888, 26889, 26890, 26892, 26893, 26894, 26895, 26896, 26897, 26898, 26901, 26902, 26920, 26921, 26922, 26923, 26924, 26925, 26926, 26927, 26928, 26929, 26981.
- Uganda:**
no specific locality: **ZMB**: T10577.
- Unknown country:**
Maldachi: **ZMB**: 5596.
- Zambia:**
Kalabo (1458S 2240E): **NHMZ**: 28143 - Sihole (1519S 2234E): **FMNH**: 95216, 95217 - Sikongo (1500S 2210E): **FMNH**: 95214, 95215.

Taphozous nudiventris Cretzschmar, 1830

- Cape Verde:**
Maio island (1515N 2310W): **MNHN**: 1986-375, 1986-376 - Santiago island, Pedra Badejo (1508N 2333W): **MNHN**: 1986-377, 1986-378, 1986-379 - Santiago island, Trindade (1457N 2334W): **MNHN**: 1983-2229.
- Egypt:**
Giza [=Gizeh] (3001N 3113E): **SMF**: 4310 (*Lectotype Taphozous nudiventris*) - Helonan [=Helouan -> Helwan] (2951N 3120E): **ZMB**: 15029, 15030 - no specific locality: **ZMB**: 432, T09851, T09852.

Taphozous perforatus E. Geoffroy St.-Hilaire, 1818

- "Africa":**
Northeastern Africa: **ZMB**: 85664.
- Egypt:**
Cairo (3003N 3115E): **ZMB**: 2507 - Kom Ombo: **MNHN**: A.372 (*Type Taphozous perforatus*) - no specific locality: **ZMB**: 15025, 15026, 572, T09853, T09870, T09871, T10088.
- Kenya:**
Chanler Falls [=Chandler's Falls]: **BMNH**: 1912.7.1.46 (*Holotype Taphozous perforatus hædinus*).

Nigeria:

Sokoto (1302N 0516E): **BMNH**: 1967.1226 (Type *Taphozous perforatus swirae*).

Sudan:

Djebel Zerif [=Zerif Jebel] (1549N 3110E): **ZMB**: 42426 - Mongalla: **BMNH**: 1902.7.4.2 (Holotype *Taphozous sudani*).

Nycteris G. Cuvier and E. Geoffroy, 1795

Namibia:

Arnhem, 80 km E (2241S 1808E): **TM**: 42701, 42702, 42706, 42707, 42709.

South Africa:

32 km W Thabazimbi (2530S 2730E): **TM**: 42826 - Farm Bokveld, on Limpopo River: **TM**: 42517 - Hella-Hella Game Valley Estates: **DNSM**: 5312 - Omdraaivlei (3008S 2308E): **TM**: 42649.

Unknown Country:

: **TM**: 38689, 42496, 42497, 42499, 42500, 42501, 42509, 42510, 42511, 42512, 42617, 42659, 42661, 42662, 42663, 42664, 42665, 42667, 42668, 42669, 42670, 42671, 42672, 42673, 42674, 42675, 42700, 42708, 42710, 42810B, 42822, 42823, 42824, 42825, 42827B, 42831, 42834, 43101.

Zimbabwe:

Birchenough Bridge (1954S 3214E): **TM**: 42819.

Nycteris arge Thomas, 1903

"Africa":

Unknown locality: **RMCA**: 35507.

Cameroon:

Bashauo (0610N 0930E): **BMNH**: 1948.624, 1948.625, 1948.626, 1948.627, 1948.628 - Besogabang (0544N 0917E): **BMNH**: 1948.617, 1948.618, 1948.619, 1948.620 - Bimbia (0357N 0914E): **BMNH**: 1966.3553 - Bipindi, Kribi, Bez (0306N 1030E): **ZMB**: 53848 - Bitye (0313N 1222E): **BMNH**: 1908.6.23.3, 1914.7.23.7, 1923.1.22.17; **RMCA**: 1476; **ZMB**: 33342 - Cameroon: **RMCA**: 76-014-M-0045 - Ebolowa (0254N 1109E): **MCZ**: 14851, 14860, 14862 - Efulen (0247N 1032E): **BMNH**: 1904.2.8.2 (Holotype *Nycteris arge*), 1904.2.8.3 - Ekona [=Ekowa] (0334N 1138E): **ROM**: 58366, 58367 - Eshobi (0547N 0923E): **BMNH**: 1948.621, 1948.622 - Kribi (0258N 0955E): **MHNG**: 1626.3 - Kumba (0438N 0923E): **ROM**: 55639, 55640 - Kumba, 19 km S (0438N 0925E): **USNM**: 511912 - Limbe (0400N 0910E): **BMNH**: 1967.1731 - Lomie district (0310N 1337E): **BMNH**: 1937.8.4.13 - Malende Swamp area (0420N 0926E): **ROM**: 68886, 68888, 68894, 68895; **SMNS**: 6569; **ZFMK**: 61.648, 61.649, 73.193 - Mamfe (0547N 0918E): **BMNH**: 1948.629 - Mangamba (0530N 0900E): **ROM**: 68919 - Metet (0326N 1143E): **MCZ**: 14859 - Meyo Nkoulou (0216N 1120E): **RMCA**: 73-018-M-0148, 73-018-M-0149 - Mieri (0415N 1359E): **RMCA**: 76-014-M-0080 - Mobange-Isongo (0450N 0900E): **SMNS**: 3449, 5588, 5589 - Tisongo, Lake (0325N 0954E): **USNM**: 511913, 511915.

Congo (Democratic Republic of the):

: **MCZ**: 48238, 48243; **RMCA**: 80-034-M-0001 - Aka-Inimvua confluence (0435N 2942E): **RMCA**: 36556 - Albert Park (0200N 3000E): **KBIN**: 1289B, PNA1078, PNA1078B, PNA1095/1, PNA1279, PNA1289A, PNA1291, PNA1294, PNA1668/2, PNA1668/3A, PNA1668/3B, PNA1853A, PNA1853B, PNA1854, PNA1854B, PNA1855/1A, PNA1855/1B, PNA1855/1C - Alima (0035N 2918E): **RMCA**: 28155A - Avakubi (0118N 2735E): **RMCA**: 12443 - Beni (0029N 2927E): **BMNH**: 1906.12.4.61, 1906.12.4.62 - Boende (0014N 2050E): **RMCA**: 15950, 75-035-M-0028 - Bokuma (0006S 1841E): **RMCA**: 20546, 21409, 21410, 23243, 23244 - Buta (0249N 2450E): **RMCA**: 13856, 13858(-8), 9485 - Djamba (0251N 2405E): **RMCA**: 8873, 8874 - Ibembo (0236N 2340E): **BMNH**: 1954.791, 1954.792; **RMCA**: 19632 - Ikela (0108S 2305E): **RMCA**: 25830, 27020, 27163 - Irangi (0154S 2827E): **BMNH**: 1962.1851, 1962.1852; **RMCA**: 28380 - Irsac labo: **ZFMK**: 64.1318, 64.1319, 64.1320 - Ituri Forest (0100N 2916E): **BMNH**: 1907.1.2.12, 1930.11.11.84, 1930.11.11.85, 1930.11.11.86, 1930.11.11.87 - Kawa (0134N 3032E): **BMNH**: 1953.480 - Keri river (0129S 1858E): **BMNH**: 1927.3.1.18 - Kiamokoto (0910S 2704E): **KBIN**: 10838 - Kilembe, 52 mi S (0547S 1954E): **CAS**: 12488 - Kilo (0149N 3006E): **RMCA**: 16200 - Kisanga (0225S 2818E): **BMNH**: 1962.1853, 1963.1169 - Kisangani-Ituri: **RMCA**: 82-031-M-0008, 82-031-M-0009, 82-031-M-0010 - Koloka (0323N 2430E): **SMF**: 6380; **ZMH**: 3 - Koteli (0251N 2434E): **RMCA**: 16199 - Kunungu (0206S 1626E): **RMCA**: 14168 - Luebo (0520S 2133E): **RMCA**: 6555 - Lukolela (0110S 1711E): **RMCA**: 12176 - Makala (0033N 2744E): **BMNH**: 1914.4.8.5 - Munoi confluence (0845S 2646E): **KBIN**: 10835, 10836, 10837 - Panga (0152N 2643E): **RMCA**: 9127 - Paulis [=Isiro] (0245N 2741E): **RMCA**: 19819 - Pawa (02 32 N 27 40 E): **RMCA**: 15216, 15217, 15218 - Stanleyville [=Kisangani] (0033N 2514E): **RMCA**: 16194, 16198 - Tschakala (0028N 2533E): **RMCA**: 82-019-M-0010 - Tshambi (0044S 2914E): **RMCA**: 4782 - Ukaika (0045N 2845E): **NMW**: 10301 - Wasa Wago, mount (0144N 3039E): **BMNH**: 1953.481; **RMCA**: 81-012-M-0037, 81-012-M-0038 - Yambatu (0226N 2159E): **RMCA**: 5443 - Yangambi (0047N 2424E): **RMCA**: 80-033-M-0001.

Cote D'Ivoire:

Banco, forêt de (0525N 0403W): **MHNG**: 923.88 - Blekoum (0612N 0331W): **USNM**: 429911 - Lamto Ecology Station (0613N 0502W): **ROM**: 80317 - Niebe (0521N 0722W): **USNM**: 465766 - Yapo-Sud (0542N 0405W): **USNM**: 429906, 429907, 429908, 429910.

Côte d'Ivoire:

Adiopodoumé (0519N 0408W): **MHNG**: 923.89, 923.90, 923.91, 923.92; **USNM**: 454617, 454618, 454619.

Equatorial Guinea:

Benito river (0131N 0952E): **BMNH**: 1900.2.5.11 - Bubi Town (0329N 0850E): **BMNH**: 1904.7.1.37.

Ghana:

Ahiriso (0632N 0220W): **USNM**: 414163 - Anum, 4 mi S (0630N 0010E): **USNM**: 411916, 411917, 411918, 411919 - Berekuso, 1 mi N (0546N 0013W): **USNM**: 411927, 411928 - Jukwa (0515N 0121W): **USNM**: 411876 - Mpraeso (0635N 0044W): **ROM**: 56523 - Nkawkaw (0633N 0046W): **ROM**: 56522 - Oda (0555N 0056W): **BMNH**: 1946.124 - Sefwi Mafru (0627N 0256W): **BMNH**: 1974.61, 1974.62.

Kenya:

Yala river (0006N 3432E): **BMNH**: 1921.2.4.1, 1928.7.19.1; **USNM**: 197956.

Liberia:

Grassfield (0739N 0830W): **BMNH**: 1979.458 - LTC Camp (0616N 0840W): **RMCA**: 80-036-M-0031 - Nimba, mount (0739N 0830W): **BMNH**: 1967.1458, 1967.1459, 1967.1460 - Sanniquellie, 5 mi S (ca. 0724N 0845W): **BMNH**:

1979.457 - Schieffelinville (0611N 1030W): **RMNH**: 17835.

Nigeria:

Oban (0517N 0833E): **BMNH**: 1909.3.4.3.

Sierra Leone:

Kassewa Forest Reserve (0804N 1230W): **BMNH**: 1962.1832, 1962.1833.

Sudan:

Kajiko North (0351N 3036E): **SMNS**: 29333 - Lotti forest (0402N 3232E): **SMNS**: 29343.

Tanzania:

Handajega (0217S 3404E): **KBIN**: 15629A.

Togo:

Akenim (1025N 0015E): **BMNH**: 1955.374.

Uganda:

Budongo Forest (0146N 3133E): **ROM**: 46597.

Nycteris aurita (K. Andersen, 1912)

Ethiopia:

Gidole (0538N 3728E): **SMF**: 45115.

Kenya:

Ijara (0136S 4031E): **BMNH**: 1952.1616, 1952.1617, 1952.1618 - Kampi ya Samaki (0038N 3617E): **ROM**: 68582, 68583 - Kilifi (0338S 3951E): **BMNH**: 1889.1.11.1 (*Type Petalia aurita*); **USNM**: 350862 - Lokiri (0300N 3530E): **BMNH**: 1969.199 - Maungu (0334S 3846E): **BMNH**: 1898.1.4.1 - Shell BM Camp (0231S 4031E): **ROM**: 71247 - Tana river (0233S 4031E): **USNM**: 21019, 21020, 21021, 21023, 38699 - Voi (0323S 3835E): **ZMUC**: 1705.

Somalia:

Burao (0931N 4533E): **BMNH**: 1908.7.24.9 - Giohar (0157N 4450E): **MZUF**: 5456, 5459, 5461, 5464, 6333, 6336.

Sudan:

Kapoeta (0450N 3335E): **USNM**: 317906.

Tanzania:

Bagamoyo (0626S 3855E): **BMNH**: 1964.1357 - Lembeni (0347S 3737E): **ZFMK**: 60.255, 60.256, 60.257, 60.258 - Manyara, Lake (0335S 3556E): **BMNH**: 1938.4.21.6 - Sam Deli (0400S 3730E): **ZFMK**: 59.360 - Soga (0652S 3857E): **ZFMK**: 61.105, 61.89, 61.91, 61.92.

Nycteris gambiensis (K. Andersen, 1912)

Benin:

Bimbereke (1014N 0240E): **USNM**: 421319, 421320, 421321, 421322, 421323, 421324, 421325, 421326, 421327, 421328, 421329, 421330, 421331, 421332, 421333, 421334, 421335, 421336, 421337, 478789, 478790, 478791, 478792, 478793, 478794 - Guene (1144N 0313E): **USNM**: 421338, 421339, 421340, 421341, 421342, 421343, 421344, 421345, 421346, 421347, 421348, 421349, 421350, 421351, 421352, 421353, 421354, 421356, 421357, 421358, 421359, 421360, 421361, 421362, 421363, 421365, 421366, 421367, 421368 - Nikki (0956N 0313E): **USNM**: 421314 - Soubroukou (0941N 0138E): **USNM**: 438873, 438903, 438904, 438907 - Zizonkame (0755N 0201E): **USNM**: 438874, 438877, 438879, 438880.

Burkina Faso:

Djipologo (1056N 0307W): **USNM**: 468005, 468006, 468007, 468008, 468009, 468010, 468014, 468015, 468016, 468017, 468018, 468019, 468020, 468021, 468022, 468025, 468026, 468028 - Founzan (1127N 0314W): **USNM**: 454485, 454588, 454590, 454591, 454592, 454593, 454594, 454596, 454597, 454598, 454600, 454601, 454602, 454603, 454604, 454605, 454609, 454610, 454611, 454613 - Konankira (1254N 0353W): **USNM**: 454569, 454570, 454571, 454572, 454573, 454574, 454575, 454576, 454577(B), 454578, 454579, 454580, 454581, 454582, 454583, 454584, 454585, 454586 - Koutoura, 5 km SW (1019N 0453W): **USNM**: 467968, 467969, 467973, 467974, 467984, 467985 - Natiaboani (1142N 0030E): **USNM**: 478627, 478638, 478658, 478663 - Orodara, 27 km ENE (1104N 0441W): **USNM**: 467961, 467963 - Oulo (1154N 0258W): **USNM**: 454518, 454519, 454520, 454522, 454524, 454532, 454533, 454534, 454535, 454538, 454539, 454540, 454541, 454542, 454543, 454544, 454545, 454546, 454550, 454551, 454552, 454554, 454557, 454558, 454559, 454560, 454561, 454562, 454565, 454566, 478664, 478665, 478666, 478667, 478668, 478669, 478671, 478672, 478673, 478675, 478676, 478677, 478678, 478679, 478680, 478681, 478682, 478683, 478684, 478686, 478687, 478689, 478690, 478691, 478693, 478695, 478696, 478698, 478699, 478700, 478701, 478702, 478703, 478704, 478705, 478707, 478708, 478709, 478711, 478712.

Cote D'Ivoire:

Kong (0909N 0437W): **USNM**: 454466, 454468, 454469, 454470, 454471, 454472, 454473, 454474, 454509, 454511, 454512, 454514, 454515, 454516, 454517, 478801, 478932 - Tyenko (0814N 0724W): **USNM**: 465764, 465765.

Ghana:

Bangweli Camp (0942N 0153W): **BMNH**: 1975.538 - Bangwon (1058N 0241W): **USNM**: 414830, 414902, 414903, 414904, 414905, 414906, 414907, 414908, 414909, 414910, 414911, 414912, 478773, 478774, 478775, 478776, 478777, 478778, 478779, 478780 - Damongo (0905N 0149W): **USNM**: 467926, 467928, 467929, 467931, 467932, 467933, 467934, 467935, 467936 - Gambaga (1032N 0026W): **USNM**: 478783, 478784, 478785 - Nabogo (0944N 0049W): **USNM**: 478782 - Nkawkaw (0633N 0046W): **ROM**: 51633 - Pirisi (1007N 0227W): **USNM**: 414799, 414843, 414844, 414845, 414846, 414847, 414848, 414849, 414850, 414851, 414852, 414853, 414854, 414855, 414856, 414857, 414858, 414859, 414860, 414861, 414862, 414863, 414864, 414865, 414866, 414867, 414868, 414869, 414870, 414871, 414872, 414873, 414874, 414875, 414876, 414877, 414878, 414879, 414880, 414881, 414882, 478738, 478739, 478740, 478741, 478742, 478743, 478744, 478745, 478746, 478747, 478748, 478749, 478750, 478751, 478752, 478753, 478754, 478755, 478756, 478757, 478758, 478759, 478760, 478761, 478762, 478763, 478764, 478765, 478766, 478767 - Pulima (1051N 0203W): **USNM**: 414819, 414883, 414884, 414885, 414886, 414887(A), 414888, 414890, 414891, 414892, 414893, 414894, 414895, 414896, 414897, 414898, 414899, 414900, 414901, 478768, 478769, 478770, 478771, 478772 - Sakpa (0852N 0221W): **USNM**: 414913, 414914, 414915, 478781 - Samole Motel Camp (0917N 0147W): **BMNH**: 1975.537 - Sawla, 15 mi E (0917N 0225W): **BMNH**: 1968.1150.

Guinea:

Kolente (1005N 1230W): **SMF**: 43670; **ZFMK**: 59.198, 59.199 - Nyembaro (1005N 1230W): **SMF**: 43668, 43669; **SMNS**: 6129, 6130, 6131, 6134 - Tahiré (1005N 1230W): **SMNS**: 6122, 6123, 6124.

Guinea-Bissau:

Ponta Robalo (1152N 1539W): **MHNG**: 1326.11, 1626.20, 1626.21; **RMCA**: 15311, 15312.

Nigeria:

Afon (0819N 0431E): **USNM**: 402673, 402674, 402678, 402679, 402683, 402685, 402686, 402688, 402689, 467730, 478717, 478718, 478719, 478720, 478721, 478722, 478724, 478728, 478729, 478731, 478732, 478733, 478734, 478735, 478736, 478737 - Alabe (0829N 0508E): **BMNH**: 1975.513 - Kaduna (1031N 0726E): **BMNH**: 1975.2431 - Kudu (0916N 0520E): **USNM**: 402665, 402666, 402667, 402668, 402669, 402670, 402671, 402672.

Senegal:

Badi (1312N 1312W): **MHNG**: 983.52 - Bakel (1454N 1226W): **BMNH**: 1919.7.7.3703 - Dialocote (1312N 1320W): **BMNH**: 1910.6.10.10; **USNM**: 379106, 379107, 379108, 379109, 379110, 379111, 379112, 379113, 379114, 379115, 379116, 379117, 379118, 379119, 379120, 379121, 379122, 379123, 379124, 379125, 379126, 379127, 379128, 379129, 379130, 379131, 379132, 379133, 379134, 379135, 379136, 379137, 379138, 379139, 379140, 379141, 379142, 379143, 379144, 379145, 379146, 381369, 381371, 381373, 381376, 381377, 381378, 381380, 381381, 381383, 381384, 381385 - Dialocote (1325N 1320W): **BMNH**: 1911.6.10.10 (*Type Petalia gambiensis*) - Diattacounda (1234N 1540W): **ZFMK**: 76.169, 76.186 - Gamon (1325N 1300W): **USNM**: 379147, 379148 - Koular (1341N 1611W): **MNHN**: 1977.611, 1977.625, 1977.628 - Saboya (1341N 1611W): **MNHN**: 1977.608, 1977.612, 1977.615, 1977.616, 1977.620, 1977.621, 1977.622, 1977.623, 1977.624, 1977.629, 1977.630.

The Gambia:

Banjul, 8 mi W (ca. 1328N 1639W): **USNM**: 377569 - Gambia: **BMNH**: 1907.1.1.331 - Kudang (1340N 1503W): **USNM**: 377585, 377587, 377588 - Kuntaur, 10 mi SE (1337N 1454W): **BMNH**: 1949.464 - Makka (1337N 1454W): **BMNH**: 1949.466 - Toniataba (1324N 1535W): **USNM**: 379358, 379359, 379360, 379361, 379362, 379365, 379366, 379367, 379368, 379370, 379371, 379372, 379373, 379374, 379375.

Togo:

Baoulé (1016N 0035E): **RMCA**: 73-009-M-0120 - Binaparba (0914N 0046E): **RMCA**: 73-009-M-0121 - Dapango (1052N 0012E): **USNM**: 437616, 437617, 437618, 437619, 437620 - Namoundjoga (1054N 0024E): **RMCA**: 73-011-M-0143, 73-011-M-0144, 73-011-M-0145, 73-011-M-0146.

Nycteris grandis Peters, 1865

Benin:

no specific locality: **BMNH**: 1950.187.

Cameroon:

Bipindi, 10 km W (0305N 1025E): **ROM**: 56239, 56240 - Bitye (0313N 1222E): **BMNH**: 1923.1.22.15, 1923.1.22.16, 1923.1.25.3, 1923.1.25.4; **RMCA**: 1098 - Bonge: **ZMB**: 7044 - Buea (0409N 0913E): **ROM**: 69068 - Cameroon: **RMCA**: 76-014-M-0044 - Kribi, 14 km N (ca. 0258N 0955E): **ROM**: 56267 - Kribi, 4 km E (ca. 0258N 0955E): **ROM**: 56258 - Kribi, 7 km E (ca. 0258N 0955E): **ROM**: 56257 - Kribi, 9 km N (ca. 0258N 0955E): **ROM**: 56271, 56272 - Lumbindu (15 N 15 E): **BMNH**: 1933.8.4.17 - Mintjamyumin (0256N 1159E): **ZFMK**: 62203 - Ndjole, 4 km N (ca. 0449N 1156E): **ROM**: 56107 - Ndjole, 6 km N (ca. 0449N 1156E): **ROM**: 56108, 56109 - Ngam (0256N 1159E): **ZFMK**: 62204 - Tisongo, Lake (0325N 0954E): **USNM**: 511916.

Congo:

Tschiloango [=Tchilounga]: **ZMB**: T09674.

Congo (Democratic Republic of the):

Albert Park (0200N 3000E): **KBIN**: PNA1256/2, PNA1277/1 - Beni (0029N 2927E): **RMCA**: 3240 - Biyonga (0321S 2808E): **RMCA**: 21915 - Boende (0014N 2050E): **RMCA**: 34162 - Bokuma (0006S 1841E): **RMCA**: 20679 - Epulu (0123N 2830E): **RMCA**: 25652 - Ituri Forest (0100N 2916E): **BMNH**: 1930.11.11.89 - Kalikimvua (0415N 2945E): **KBIN**: 13621 - Kamituga (0301S 2806E): **RMCA**: 32393 - Kisangani-Ituri: **RMCA**: 82-031-M-0006 - Luluabourg [=Kananga] (0553S 2226E): **BMNH**: 1926.7.6.72, 1927.12.21.8 - Menga: **TM**: 45568, 45569 - Mogbwamu river, upper (0430N 2945E): **RMCA**: 36560 - Mulolo (0956S 2658E): **BMNH**: 1962.1849 - Netonna (0558S 1227E): **SMF**: 2514 - Ormaniundu (0321S 2315E): **RMCA**: 29536 - Poko (0308N 2658E): **RMCA**: 4340 - Putnam Camp (0123N 2830E): **RMCA**: 28902 - Ukaika (0045N 2845E): **NMW**: 10300 - Yalosemba (0235N 2451E): **USNM**: 537706.

Cote D'Ivoire:

Gueboua (0559N 0541W): **RMCA**: 9049, coll:A9050 - Ivory Coast: **RMCA**: 704, coll:AX0734 - Soubre, 10 mi WNW (0549N 0645W): **USNM**: 468030, 468031.

Equatorial Guinea:

Benito river (0131N 0952E): **BMNH**: 1898.5.4.5.

Gabon:

Bélinga (0113N 1310E): **MNHN**: 1985-1408 - Booué (0003S 1158E): **MNHN**: 1962-2635 - Cette Cama (0232S 0945E): **BMNH**: 1889.11.21.1 - Mitzic (0048N 1130E): **BMNH**: 1958.312.

Ghana:

Bame (0637N 0018E): **USNM**: 411852, 411853, 411854, 411855, 411856 - Butre (0449N 0155W): **USNM**: 414164 - Goaso (0648N 0231W): **BMNH**: 1935.10.22.60 - Gold Coast: **RMNH**: 27348 (*Paralectotype Nycteris grandis*) - Kpeve (0641N 0021E): **USNM**: 411849, 411850, 411851 - Kumasi (0642N 0137W): **BMNH**: 1966.15 - Kumasi-Dunkwa road (0640N 0135W): **BMNH**: 1965.750 - Oda (0555N 0056W): **BMNH**: 1946.112 - Ofinsu (0654N 0139W): **BMNH**: 1950.1538 - Tsibu, 2 mi SSW (ca. 0634N 0017E): **USNM**: 411857, 411858 - Tutu (0553N 0009W): **USNM**: 414165.

Kenya:

Diani Beach, 10 km S (0420S 3932E): **SMF**: 57535.

Liberia:

Ghapa (0739N 0830W): **KBIN**: 16784 - Grassfield (0739N 0830W): **BMNH**: 1979.454 - Hilltown (0613N 1020W): **RMNH**: 17837 - LTC Camp (0616N 0840W): **RMCA**: 80-036-M-0032 - North Beeton (0739N 0830W): **BMNH**: 1979.453 - South Nimba (0739N 0830W): **BMNH**: 1979.455.

Nigeria:

Alimbo Ferry Road (05 N 08 E): **BMNH**: 1979.2121 - Old Calabar (0456N 0822E): **BMNH**: 1880.7.21.5.

Tanzania:

Amani (0510S 3847E, 1000 m): **ZMB:** T10521, T10522 - Amani West Forest Reserve (0506S 3838E): **BMNH:** 1979.1678 - Bagamoyo (0626S 3855E): **RMNH:** VB16 - Kiraboga (0651S 3659E): **SMF:** 19459 - Likawage (0917S 3856E): **BMNH:** 1964.1349 - Namithu Kilwa (0900S 3930E): **BMNH:** 1964.1348 - Shakani (0615S 3914E): **BMNH:** 1955.263, 1955.264 - Tendoguru (0949S 3934E): **ZMB:** T10290, T10291 - Tindiga (0655S 3720E): **BMNH:** 1923.8.2.1 (*Type Nycteris marica*) - Zanzibar (0610S 3912E): **BMNH:** 1879.9.12.6; **KBIN:** 200.

Tanzania [=former Tanganyika]:

Mikindani (1016S 4005E): **SMF:** 26936.

Togo:

Agou (0651N 0044E): **USNM:** 437612 - Aledjo (0915N 0112E): **RMCA:** 73-011-M-0137 - Ezimé (0729N 0056E): **USNM:** 437613 - Pewa (0917N 0114E): **USNM:** 437610, 437611.

Zambia:

Chinzombo (1307S 3146E): **SMF:** 47492 - Chisenga (1238S 3054E): **BMNH:** 1968.128 - Luangwa Valley (1331Bb): **NHMZ:** 22778.

Zimbabwe:

Mana Pools National Park, HQ (1544S 2910E): **TM:** 41863 - Ngorima Reserve (2005S 3253E): **USNM:** 425278.

Nycteris hispida (Schreber, 1774)**"Africa":**

Tropical Africa: **ZMH:** 2A, 2B - Unknown locality: **RMCA:** 1424, 27666, 3463; **ROM:** 62363.

Angola:

Alto Chicapa (1053S 1914E): **BMNH:** 1963.1027 - Chinchoxo (ca. 0505S 1202E): **ZMB:** 4803 - Dundo Lundo (0722S 2050E): **BMNH:** 1963.1026, 1967.1244.

Benin:

Guene (1144N 0313E): **USNM:** 421307, 421308, 421309, 421310 - Nikki (0956N 0313E): **USNM:** 421313, 421315, 421316, 421317, 421318, 478927, 478928, 478933, 478934, 478935 - Segbana (1056N 0342E): **USNM:** 421311, 421312 - Zizonkame (0755N 0201E): **USNM:** 438878, 438882, 438883, 438884, 438885, 438886, 438887, 438888, 438889, 438890, 438891, 438892, 438897, 438898, 438900, 438901, 438902, 438908, 438909, 438910, 438916, 438917.

Botswana:

Xugana (1905S 2306E): **USNM:** 518626, 518635, 518636, 518784.

Burkina Faso:

Arly National Park (1134N 0126E): **USNM:** 450479, 450481, 450483, 450484, 450486, 450487, 450489, 450491, 450495, 450496, 450498, 450500, 450503, 450504, 450508, 450509, 450510, 450511, 450513, 450515, 450517, 450518, 450521, 450528, 450530, 450531, 450532, 450533, 450534, 450536, 450537, 450538, 450539, 450540, 450541, 450542, 450543, 450544, 450545 - Djipologo (1056N 0307W): **USNM:** 468003, 468004, 468012, 468013, 468024, 468027 - Founzan (1127N 0314W): **USNM:** 454475, 454476, 454477, 454478, 454479, 454480, 454481, 454483, 454484, 454486, 454487, 454488, 454489, 454490, 454491, 454492, 454493, 454494, 478944, 478945, 478946 - Goden (1212N 0218W): **USNM:** 450547, 450548, 450549, 450550, 450551, 450552, 450553, 450554, 450555, 450556, 450557, 450558, 450559, 450560, 450561, 450562, 450563, 450564, 450565, 450566, 450567, 450568, 450569, 450570, 450571, 450572, 450573, 450574, 450575, 450576, 450579, 450580, 450581 - Konankira (1254N 0353W): **USNM:** 454482, 454577(A) - Koutoura, 5 km SW (1019N 0453W): **USNM:** 467966, 467967, 467972, 467976, 467977, 467978, 467981, 467982, 467983 - Nobéré, 1 km S (1126N 0110W): **USNM:** 503947, 503948 - Nouna (1244N 0302W): **SMF:** 26403 - Orodara, 27 km ENE (1104N 0441W): **USNM:** 467937, 467939, 467941, 467943, 467944, 467954, 467955, 467956, 467957, 467958, 467959, 467960 - Oulo (1154N 0258W): **USNM:** 454506, 454507, 454508 - Sideradougou (1040N 0415W): **USNM:** 467986, 467987, 467988, 467989, 467990, 467991, 467992, 467993, 467994, 467995, 467996, 467998, 468001, 468002.

Burundi:

Kayanza (0255S 2938E): **SMF:** 57536.

Cameroon:

Bibundi (0413N 0859E): **ZMH:** 4 - Biteye (0313N 1222E): **BMNH:** 1914.1.24.8, 1923.1.22.18, 1923.1.22.19, 1923.1.22.20, 1923.1.25.2; **RMCA:** 1097, 1477 - Bota (0410N 0910E): **BMNH:** 1967.1729 - Cameroon: **RMCA:** 75-003-M-0099 - Camp V, Mueli (0423N 0907E): **ZFMK:** 63.194 - Campement du Grand Capitaine (0834N 1357E): **RMCA:** 73-017-M-0109 - Djohong (0650N 1442E): **RMCA:** 73-015-M-0265 - Gueme (1030N 1512E): **RMCA:** 73-015-M-0095, 73-015-M-0096, 73-015-M-0097, 73-015-M-0098, 73-015-M-0099, 73-015-M-0101, 73-015-M-0102, 73-015-M-0103, 73-015-M-0104, 73-015-M-0105, 73-015-M-0106, 73-015-M-0107, 73-015-M-0108, 73-015-M-0109, 73-015-M-0110, 73-015-M-0111, 73-015-M-0112, 73-015-M-0113, 73-015-M-0114, 73-015-M-0115, 73-015-M-0116, 73-015-M-0117, 73-015-M-0118, 73-015-M-0119, 73-015-M-0120, 73-015-M-0121, 73-015-M-0122, 73-015-M-0123, 73-015-M-0124, 73-015-M-0125, 73-015-M-0126, 73-015-M-0127, 73-015-M-0128, 73-015-M-0129, 73-015-M-0131, 73-015-M-0132, 73-015-M-0133, 73-015-M-0134, 73-015-M-0135, 73-015-M-0136, 73-015-M-0138, 73-015-M-0139, 73-015-M-0140, 73-015-M-0142, 73-015-M-0143, 73-015-M-0144, 73-015-M-0145, 73-015-M-0146, 73-015-M-0147, 73-015-M-0148, 73-015-M-0149, 73-015-M-0150, 73-015-M-0151, 73-015-M-0152, 73-015-M-0153, 73-015-M-0154, 73-015-M-0155, 73-015-M-0156, 73-015-M-0157, 73-015-M-0158, 73-015-M-0159, 73-015-M-0160, 73-015-M-0161, 73-015-M-0162, 73-015-M-0163, 73-015-M-0164, 73-015-M-0165, 73-015-M-0166, 73-015-M-0167, 73-015-M-0168, 73-015-M-0169, 73-015-M-0170, 73-015-M-0171, 73-015-M-0172, 73-015-M-0173, 73-015-M-0174, 73-015-M-0175, 73-015-M-0176, 73-015-M-0177, 73-015-M-0178, 73-015-M-0179, 73-015-M-0180, 73-015-M-0182, 73-015-M-0183, 73-015-M-0185, 73-015-M-0186, 73-015-M-0187, 73-015-M-0188, 73-015-M-0189, 73-015-M-0190, 73-015-M-0191, 73-015-M-0192, 73-015-M-0193, 73-015-M-0194, 73-015-M-0195, 73-015-M-0196, 73-015-M-0198, 73-015-M-0200, 73-015-M-0201, 73-015-M-0202, 73-015-M-0203, 73-015-M-0204, 73-015-M-0206, 73-015-M-0207, 73-015-M-0208, 73-015-M-0209, 73-015-M-0210, 73-015-M-0211, 73-015-M-0212, 73-015-M-0213, 73-015-M-0214, 73-015-M-0215, 73-015-M-0216, 73-015-M-0217, 73-015-M-0218, 73-015-M-0219, 73-015-M-0220, 73-015-M-0221, 73-015-M-0222, 73-015-M-0223, 73-015-M-0224, 73-015-M-0225, 73-015-M-0226, 73-015-M-0227, 73-015-M-0228, 73-015-M-0229, 73-015-M-0230, 73-015-M-0231, 73-015-M-0232, 73-015-M-0233, 73-015-M-0234, 73-015-M-0235, 73-015-M-0236, 73-015-M-0238, 73-015-M-0239 - Mamfe (0547N 0918E): **BMNH:** 1948.637 - Mbonge (0433N 0905E): **BMNH:** 1966.3556 - no

specific locality: **ZMB**: 53893 - Nyasoso (0449N 0941E); **ZFMK**: 69.486 - Ossa, Lake (ca. 0349N 1008E); **ZMB**: T10306 - Tisongo, Lake (0325N 0954E); **USNM**: 511949 - Touroua (0905N 1258E); **RMCA**: 76-014-M-0050, 76-014-M-0079 - Victoria (0401N 0912E); **BMNH**: 1936.10.30.6 - Waza (1125N 1434E); **RMCA**: 73-015-M-0256, 73-017-M-0073, 73-017-M-0074, 73-017-M-0075, 73-017-M-0076, 73-017-M-0077; **ZFMK**: 74.418G, 74.418H, 74.418I, 74.418J, 74.418K, 74.418L, 74.418M - Waza, 35 km N (ca. 1125N 1434E); **ZFMK**: 74.313, 74.314, 74.315, 74.316, 74.317, 74.318, 74.319, 74.320, 74.321, 74.322, 74.323, 74.324, 74.325, 74.418A, 74.418B, 74.418C, 74.418D, 74.418E, 74.418F - Yagoua (1020N 1514E); **RMCA**: 73-015-M-0241, 73-015-M-0262, 73-017-M-0078, 73-017-M-0079, 73-017-M-0080, 73-017-M-0081, 73-017-M-0082, 73-017-M-0083, 73-017-M-0084, 73-017-M-0085, 73-017-M-0086, 73-017-M-0087, 73-017-M-0088, 73-017-M-0089, 73-017-M-0090, 73-017-M-0091, 73-017-M-0092, 73-017-M-0093, 73-017-M-0094, 73-017-M-0095, 73-017-M-0096, 73-017-M-0097, 73-017-M-0098, 73-017-M-0099, 73-017-M-0100, 73-017-M-0101, 73-017-M-0102, 73-017-M-0103, 73-017-M-0104.

Central African Republic:

Gounda camp (0919N 2112E): **CM**: 73635, 73637.

Chad:

Fort Archambault (0909N 1823E): **USNM**: 310936 - Melfi (1105N 1757E): **SMF**: 6384, 6385, 6386, 6387, 6388; **ZMH**: 9 - N'Djamena (1210N 1459E): **USNM**: 268491.

Congo (Democratic Republic of the):

Albert Park (0200N 3000E): **KBIN**: PNA1057/1, PNA1294/1, PNA1302, PNA394 - Avakubi (0118N 2735E); **BMNH**: 1914.4.8.4; **RMCA**: 1426, 5445 - Bambesa (0323N 2547E); **RMCA**: 14798 - Banana (0558S 1227E); **RMCA**: 20750, 21377 - Boende (0014N 2050E); **RMCA**: 35639, 75-035-M-0022 - Bokuma (0006S 1841E); **RMCA**: 22134, 23245 - Boma (0550S 1303E); **RMCA**: 2486 - Buta (0249N 2450E); **RMCA**: 14562A, 14562B, 14585, 14903, 15737, 15738, 15739 - Djeka (0247S 2355E); **RMCA**: 23634 - Duma (0354N 1841E); **SMF**: 6381??6382, 6382 - Eala (0002N 1822E); **RMCA**: 6558 - Faradje (0344N 2943E); **AMNH**: 49144 (*Type Nycteris pallida*); **RMCA**: 12390 - Fundi (0052N 2734E); **RMCA**: 1608 - Garamba Park (0411N 3000E); **KBIN**: 13569, 13570, 13571, 13573, 13574, 13575, 13576, 13578, 13579A, 13579B, 13580, 13582, 13583, 13585, 13587, 13590, 13591A, 13591B, 13592A, 13593, 13595, 13596, 13597, 13598A, 13598B, 13598C, 13598D, 13600A, 13600B, 13601, 13602A, 13602B, 13605, 13607, 13608, 13609A, 13609B, 13612, 13615, 13616, 13617, 13618; **RMCA**: 36563, 36564, 36565, 36566, 36567, 36571, 36575, 36576, 36577, 36578, 36579, 36580, 36581, 36582, 36583, 36584, 36587, 36591, 36592, 36597, 36599 - Goma (0143S 2913E); **KBIN**: 14457, 14458 - How...; **RMNH**: 16343 - Ikela (0108S 2305E); **RMCA**: 25826, 25828 - Irangi (0154S 2827E); **RMNH**: 16365 - Irsac labo; **RMCA**: 33535 - Kadin (0810S 2625E); **RMCA**: 11402 - Kakungu (0700S 2937E); **RMCA**: 37121 - Kamituga (0301S 2806E); **RMCA**: 26189 - Karawa (0317S 2016E); **RMCA**: 14568 - Kasaji (1027S 2338E); **RMCA**: 21807 - Kasanga (0441S 2836E); **RMCA**: 13699 - Kasenyi (0123N 3026E); **CAS**: 12484; **KBIN**: 15464 - Kassi river (0415N 2935E); **RMCA**: 36595 - Kaswabilenga (0848S 2641E); **KBIN**: 10808 - Kawa (0134N 3032E); **BMNH**: 1953.482, 1953.483; **RMCA**: 81-012-M-0014 - Kiambi (0714S 2752E); **RMCA**: 11323 - Kingabwe; **RMCA**: 76-010-M-0003 - Kivu, lake (0230S 2852E); **KBIN**: 14462 - Korovi, mount (0139N 3036E); **RMCA**: 23280 - Koteli (0251N 2434E); **RMCA**: 8876 - Kunungu (0206S 1626E); **RMCA**: 9391 - Kwamouth (0309S 1612E); **RMCA**: 6559 - Kyavinionge (0007S 2636E); **KBIN**: 14459 - Leverville (0450S 1844E); **RMCA**: 9986 - Lukonzolwa (0845S 2840E); **RMCA**: 11470 - Luluabourg [=Kananga] (0553S 2226E); **BMNH**: 1926.11.1.26, 1926.7.6.73, 1926.7.6.76, 1927.12.21.9, 1934.10.24.18; **RMCA**: 33601, 7545, 7568 - Lwiro (0212S 2848E); **ZMZ**: 124.600 - Mabwe river (0842S 2629E); **KBIN**: 10839, 10840, 10841, 10842, 10843, 10844, 10846 - Makala (0033N 2744E); **RMCA**: 1607, 1609 - Makengo (0445S 1630E); **RMCA**: 18161 - Makpe river, upper (0420N 2934E); **KBIN**: 13586, 13589; **RMCA**: 36573, 36574, 36596 - Maleli (0420N 2937E); **KBIN**: 13584B; **RMCA**: 36572 - Mbwambala (0503S 1854E); **MSB**: ZaAn 782; **RMCA**: 97-021-M-0837 - Meridi river (0440N 2933E); **KBIN**: 13611 - Moko river (0420N 2945E); **KBIN**: 13614A, 13614B - Moliro (0812S 3034E); **RMCA**: 162 - Mongbwalu (0156N 3003E); **RMCA**: 14382A, 14382B, 14382C, 14382D, 15560 - Mukishi (0539S 2130E); **RMCA**: 16193 - Murambi (0108S 2927E); **RMCA**: 37126, 37127 - Mushie (0301S 1655E); **RMCA**: 1537 - Mutsora Station (0019N 2944E); **KBIN**: 12943; **RMCA**: 37120, 37122, 37123, 37125 - Mutwanga (0020N 2944E); **RMCA**: 16603, 21546 - Mwaka (0445S 2132E); **RMCA**: 11550 - Nadegebe river (0435N 2947E); **RMCA**: 36585, 36586 - Nampume (0421N 2949E); **KBIN**: 13606A, 13606B; **RMCA**: 36588 - Ndelele (0420N 2945E); **KBIN**: 13603 - Nyambasha (0210S 2850E); **RMCA**: 28026, 28899, 28900, 28901 - Paulis [=Isiro] (0245N 2741E); **RMCA**: 20511 - PFSK 8 + 17 (0420N 2951E); **RMCA**: 36589, 36590, 36598 - Poko (0308N 2658E); **RMCA**: 4336B, 4341, 4342 - Rutshuru (0111S 2927E); **KBIN**: 4783; **NMW**: 10304; **RMCA**: 17088 - Ruwenzori SE (0030S 30 E); **BMNH**: 1906.12.4.16, 1906.12.4.17, 1906.12.4.75, 1906.12.4.76 - Stanleyville [=Kisangani] (0033N 2514E); **RMCA**: 12223, 16203, 82-031-M-0034 - Tandala (0302N 1921E); **USNM**: 537703, 537705 - Teturi (0105N 2910E); **KBIN**: 7045 - Tschakala (0028N 2533E); **RMCA**: 82-019-M-0009 - Utu (0145S 2758E); **RMCA**: 33531 - Utukuru (0415N 2950E); **KBIN**: 13613 - Uvira (0322S 2906E); **NMW**: 10302, 10303 - Vitshumbi (0041S 2923E); **KBIN**: 14456 - Yangambi (0047N 2424E); **KBIN**: 6987.

Cote D'Ivoire:

Bouna (0916N 0300W): **USNM**: 467922, 467923 - Kong (0909N 0437W): **USNM**: 454495, 454496, 454497, 454498, 454499, 454500, 454501, 454502, 454503, 454504, 454505.

Côte d'Ivoire:

Adiopodoumé (0519N 0408W): **RMCA**: 34996, 35675, coll:A8802, coll:B0014, coll:B0015; **USNM**: 478937.

Equatorial Guinea:

Bata (0151N 0949E): **RMCA**: 33109 - Benito river (0131N 0952E); **BMNH**: 1898.3.19.6, 1900.2.5.47 - Fernando Po [=Bioko island] (0330N 0842E); **BMNH**: ?, 1855.12.26.252 - Vic (*Type Nycteris poensis*), 1855.12.26.252 Duplicate, 1855.12.26.252 Triplicate (*Type Rhinolophus Martini*).

Ethiopia:

Arba Minch (0602N 3736E): **SMF**: 44987 - Aseita (08 N 39 E): **USNM**: 462726, 462727, 462728, 462729, 462730, 462731, 462733 - Bahadu (1005N 4036E); **BMNH**: 1972.4310 - Filwoha Awash (0900N 3958E); **BMNH**: 1971.645; **USNM**: 497603 - Gambela (0815N 3435E); **BMNH**: 1970.2199; **CM**: 52635; **ZFMK**: 73.69, 73.70, 73.71, 73.72, 73.74, 73.75 - Lado (0502N 4141E); **ZFMK**: 200 - Melka Were (0915N 4010E); **ROM**: 71989 - Pokwo (0815N 3425E); **SMF**: 45737, 45738.

Gabon:

Makokou (0038N 1247E): **MNH**: 1985-1410 - no specific locality; **ZMB**: T09385 - Omboue (0138S 0920E); **USNM**: 218491, 219084, 220896.

Ghana:

Aburi (0540N 0011W): **USNM**: 411915 - Accra (0533N 0013W); **BMNH**: 1933.11.1.1; **ZMB**: 3594 - Aguapim; **ZMB**:

4788 - Bangwon (1058N 0241W): **USNM**: 414831, 414832 - Bibianaha [=Bibiani] (0628N 0220W): **BMNH**: 1911.1.11.2 - Damongo (0905N 0149W): **BMNH**: 1975.2774 - Dormaa Ahenkro (0717N 0253W): **BMNH**: 1966.6611, 1966.6612, 1966.6613 - Gold Coast: **BMNH**: 1890.10.6.2, 1890.10.6.7, 1990.10.6.3; **USNM**: 14531 - Kumasi (0642N 0137W): **BMNH**: 1960.1845 - Lovi Camp (0927N 0158W): **BMNH**: 1968.1151 - Mampong (0704N 0124E): **BMNH**: 1937.8.12.5 - Mankesin (0516N 0101W): **USNM**: 411875 - Mole Motel (0950N 0149W): **BMNH**: 1975.2878, 1975.2879, 1975.2880, 1976.1470 - Nabogo (0944N 0049W): **USNM**: 424845, 424846, 478988, 478989, 478990, 478991 - Oda (0555N 0056W): **BMNH**: 1946.115 - Pampramase (0640N 0255W): **BMNH**: 1972.187 - Pirisi (1007N 0227W): **USNM**: 414793, 414794, 414795, 414796, 414797, 414798, 414800, 414801, 414802, 414803, 414804, 414805, 414806, 414807, 414808, 414809, 414810, 414811, 414812, 478949, 478950, 478951, 478952, 478953, 478954, 478956 - Prang (0759N 0053W): **BMNH**: 1937.8.12.3, 1937.8.12.4 - Pulima (1051N 0203W): **USNM**: 414813, 414814, 414815, 414816, 414817, 414818, 414820, 414821, 414822, 414823, 414824, 414825, 414827, 414828, 414829, 414889 - Sakpa (0852N 0221W): **USNM**: 414833, 414834, 414835, 414836, 414837, 414838, 414839, 414840, 414841, 414842, 478958, 478959, 478960, 478961, 478962, 478963, 478964, 478965, 478966, 478967, 478968, 478969, 478970, 478972, 478973, 478974, 478975, 478976, 478977, 478978, 478979, 478980, 478981, 478984, 478985, 478986, 478987 - Sawla, 15 mi E (0917N 0225W): **BMNH**: 1968.1153, 1968.1154, 1968.1155 - Sogakofe (0600N 0036E): **BMNH**: 1958.662.

Guinea:

Ouassou (1004N 1340W): **NMW**: 10341.

Kenya:

Athi river (0259S 3831E): **USNM**: 350863, 350872 - Central island (0329N 3602E): **BMNH**: 1973.112 - Ferguson's Gulf (0331N 3555E): **BMNH**: 1973.113 - Fort Hall [=Muranga] (0042S 3740E, 4000 ft): **BMNH**: 1902.7.6.3 - Keekevok (0130S 3430E): **ROM**: 38292, 38293 - Kilifi (0338S 3951E): **ROM**: 36287 - Kisii (0040S 3447E): **BMNH**: 1971.1461 - Kitui (0122S 3801E, 3 500 ft): **ZMB**: 5262 - Kwale (0410S 3927E): **RMNH**: 27128 - Leopard Rock Lodge (0012N 3812E): **SMF**: 38572 - Machakos district (0200S 3740E): **BMNH**: 1901.12.9.1 - Malindi (0314S 4005E): **BMNH**: 1910.4.20.2 - Marsabit road (0220N 3759E): **USNM**: 184320 - Mazeras (0358S 3933E): **BMNH**: 1910.9.22.6 - Molo river (0155S 3545E): **CAS**: 11914 - Mumias (0020N 3429E): **BMNH**: 1910.4.2.3 - Muranga (0042S 3740E): **BMNH**: 1904.2.4.4, 1904.2.4.5, 1904.2.4.6, 1905.6.2.2, 1905.6.2.3, 1905.6.2.4, 1905.6.2.4bis - Nairobi (0117S 3652E): **USNM**: 166517 - Sala (0310S 3850E): **SMF**: 19866, 19867 - Tiwi Beach (0415S 3934E): **ROM**: 59184.

Liberia:

Barclay, mount [see Rosevear (1965) 0621N 1016W] (0448N 0810W): **BMNH**: 1912.5.9.1 - Schieffelinsville (0611N 1030W): **RMNH**: 27226.

Malawi:

Fort Johnston (1429S 3516E): **BMNH**: 1895.8.18.4, 1895.8.18.5 - Shire river, upper (16 S 35 E): **BMNH**: 1896.10.24.1; **SMTD**: B3759.

Mauritania:

Garak (1633N 1546W): **USNM**: 401332, 401333, 401334, 401335, 401336, 401337, 401338, 401339, 401340, 401341, 401342, 401343, 401344, 401345, 401346, 401347, 401348, 401349, 401350, 401351, 401352, 401353, 401354, 401355, 401356, 401357, 401358, 401359, 401360, 401361, 401362, 401363, 401364, 401365, 401366, 401367, 401368, 401369, 401370, 401371, 401372, 401373, 401374, 401375, 401376, 401377, 401378, 401379, 401380, 401381, 401382, 401383.

Mozambique:

Inhambane (2400S 3528E): **ZMB**: 85665 - Quilimane (1753S 3651E): **ZMH**: 7A.

Namibia:

Nampini (1751S 2520E): **KM**: 17146 - Nampiri (1751S 2520E): **TM**: 12347.

Nigeria:

Afon (0819N 0431E): **USNM**: 402690, 402691, 402692, 402696, 402697, 402698, 402699, 402700 - Araba (1313N 0502E): **BMNH**: 1925.5.3.9 - Asaba (0611N 0643E): **BMNH**: 1895.5.3.9 - Dikwa, 31 mi NE (1201N 1355E): **USNM**: 378801, 378802, 378803, 378804, 378805, 378806, 378807, 378808, 378809, 378810 - Ibadan (0723N 0356E): **BMNH**: 1955.622, 1957.430 - Igbo-ora (0726N 0317E): **USNM**: 402703 - Karaduwa (1219N 0741E): **USNM**: 402704, 402705, 402706 - Lagos (0627N 0323E): **BMNH**: 1920.3.18.4, 1971.1494 - Numan (0928N 1203E): **BMNH**: 1978.186 - Old Calabar (0456N 0822E): **BMNH**: 1864.2.20.2 - Panyam [Fish Farm] (0925N 0913E): **BMNH**: 1911.3.24.6 - Umuahia (0531N 0726E): **BMNH**: 1953.709, 1953.710, 1953.711, 1953.712 - Yo (1332N 1315E): **BMNH**: 1969.526, 1969.528, 1969.530, 1969.531 - Zaria (1101N 0744E): **BMNH**: 1945.375.

Rwanda:

Butare (0234S 2943E): **RMCA**: 81-012-M-0010 - Kisenyi [=Gisenyi] (0142S 2915E): **RMCA**: 17339 - Nyarutaru (0237S 2937E): **RMCA**: 81-012-M-0029 - Rukira [=Rukara] (0213S 3035E): **RMCA**: 81-012-M-0030, 81-012-M-0031, 81-012-M-0033, 81-012-M-0034.

Senegal:

Badi (1312N 1312W): **RMCA**: 78-014-M-0001 - Dialocote (1312N 1320W): **BMNH**: 1911.6.10.6, 1911.6.10.7, 1911.6.10.8, 1911.6.10.9 - Diattacounda (1234N 1540W): **ZFMK**: 76.158, 76.159, 76.160, 76.164, 76.168, 76.171, 76.180, 76.25 - Kedougou (1235N 1209W): **USNM**: 260062, 260063, 260165 - Podor (1635N 1502W): **USNM**: 377879, 377880, 377881, 377882, 377883, 377884, 377885, 377886, 377887, 377888, 377889, 377890, 377891, 377892, 377893, 377894, 377895, 377896.

Sierra Leone:

Bonthe (0732N 1230W): **BMNH**: 1953.596, 1953.597; **NMBE**: M.114 A-1, M.114 A-2 - Makeni (0857N 1202W): **BMNH**: 1962.2072 - Musaia (0945N 1134W): **BMNH**: 1962.1773 - Njala (0807N 1205W): **BMNH**: 1950.1898, 1950.1899, 1959.213, 1960.150 - Rokupr (0850N 1240W): **BMNH**: 1939.491.

Somalia:

Afmadu (0027N 4205E): **MZUF**: 5904, 5906 - Somalia: **USNM**: 38191.

South Africa:

"Cape of Good Hope" [=syn. "Kaap Goede Hoop"]: **BMNH**: 1850.4.22.1; **MSNG**: IX1886 - Port St. Johns (3138S 2933E): **SAMC**: 5444.

Sudan:

Angolo (1031N 2953E): **SMF**: 32661, 32662, 32663, 32666, 32667 - Bahr el Shagal: **ZMB**: T09666 - Bor (0618N 3134E): **USNM**: 164967, 164968, 166510, 166511, 166512, 166513, 166514, 166515 - Bor, 40 mi N (0618N 3134E): **BMNH**: 1920.4.26.4 - Buram (1036N 2957E): **SMF**: 32658, 32659, 32660, 32680, 32681, 32682, 32683, 32684,

32685, 32686, 32687, 32688, 32689, 32690, 32691, 32692, 32693, 32694 - Disa (1200N 3420E): **BMNH**: 1967.2137, 1967.2138, 1967.2139 - Duk Fagul (0633N 3100E): **USNM**: 297470 - Gallabat (1257N 3609E): **NMW**: 27872 - Hellet Nuer (0817N 3019E): **ZFMK**: 202 - Kaka (1041N 3213E): **BMNH**: 1901.8.8.10, 1901.8.8.45, 1901.8.8.7, 1901.8.8.9 - Khartoum (1540N 3235E): **BMNH**: 1863.3.9.3; **NMW**: 27860, 27861, 27863, 27864, 27865, 27866, 27867, 27868, 27869, 27870, 27871 - Khor Attar (0920N 3125E): **NMW**: 8517 - Kongir (0710N 3120E): **BMNH**: 1920.4.26.3, 1966.3420, 1966.3421, 1966.3422; **KM**: 1673, 1674 - Lafon (0505N 3229E): **ZMUC**: 3152, 3153, 3154, 3184, 3185, 3190, 3191 - Mongalla (0510N 3150E): **BMNH**: 1902.7.4.1, 1921.7.7.2, 1921.7.7.3; **NMW**: 8518, 8519, 8520; **ZMUC**: 3155, 3156, 3157, 3158, 3159 - Nile, upper: **BMNH**: 1921.9.4.1 - No, lake (0925N 3035E): **ZFMK**: 203 - Renk (1148N 3240E): **BMNH**: 1901.8.8.11, 1901.8.8.11bis - Shambe (0708N 3048E): **ROM**: 72084 - Subeigh Forest Reserve (1227N 3412E): **SMF**: 32673, 32674, 32675, 32676, 32677, 32678, 32679 - Tonga (0930N 3103E): **BMNH**: 1922.3.3.8; **NMW**: 8426, 8427, 8428, 8429, 8430, 8431, 8432, 8433, 8434, 8435, 8436, 8437, 8438 - Tonj (0715N 2845E): **ROM**: 72067 - Torit (0427N 3231E): **ZMUC**: 3186 - Wad Medani (1424N 3330E): **ROM**: 62611.

Tanzania:

Amani (0510S 3847E): **TM**: 16011 - Dar es Salaam (0648S 3918E): **BMNH**: 1973.111 - Grummetti (0245S 3343E): **BMNH**: 1975.907 - Ilonga Research and Training Centre (0651S 3659E): **BMNH**: 1978.1643 - Kisarawe (0653S 3903E): **BMNH**: 1920.6.10.7 - Mikumi National Park H.Q. (0722S 3700E): **BMNH**: 1979.1679 - Minaki, St. Andrews College (0753S 3947E): **KU**: 89941, 89942 - Muansa [=Mwanza] (0231S 3254E): **ZMB**: 11389 - Musosa (0900S 2900E): **KBIN**: 14461 - no specific locality: **ZMB**: T09290 - Rukwa (0800S 3220E): **KBIN**: 13103, 14460 - Seronera (0225S 3450E): **KBIN**: 15632 - Tanga (0504S 3906E): **ZMB**: 10105 - Tanzania: **NMW**: 29838 - Ukara island (0150S 3303E): **BMNH**: 1964.1339.

Togo:

Agou (0651N 0044E): **USNM**: 437622 - Anonoe (0733N 0036E): **RMCA**: 73-009-M-0077, 73-009-M-0078 - Atakpamé (0732N 0108E): **RMCA**: 73-009-M-0075 - Borgou (1046N 0035E): **RMCA**: 73-013-M-0232, 73-013-M-0233 - Dapango (1052N 0012E): **USNM**: 437614, 437615 - Namoundjoga (1054N 0024E): **RMCA**: 73-011-M-0147, 73-011-M-0148 - Nanergou (1055N 0009E): **RMCA**: 73-009-M-0079, 73-009-M-0080, 73-009-M-0081, 73-009-M-0082, 73-009-M-0083, 73-009-M-0084, 73-009-M-0085, 73-009-M-0086, 73-009-M-0087, 73-009-M-0088, 73-009-M-0089, 73-009-M-0090, 73-009-M-0091, 73-009-M-0092, 73-009-M-0093, 73-009-M-0094, 73-009-M-0095, 73-009-M-0096, 73-009-M-0097, 73-009-M-0099, 73-009-M-0100, 73-009-M-0101, 73-009-M-0102, 73-009-M-0103, 73-009-M-0104, 73-009-M-0105, 73-009-M-0106, 73-009-M-0107, 73-009-M-0108, 73-009-M-0109, 73-009-M-0110, 73-009-M-0111, 73-009-M-0112, 73-009-M-0113, 73-009-M-0114, 73-009-M-0115, 73-009-M-0116 - Paio (1014N 0041E): **RMCA**: 73-009-M-0119 - Togoville (0614N 0129E): **RMCA**: 73-011-M-0157.

Uganda:

Budongo Forest (0146N 3133E): **ROM**: 46701 - Buligi (0215N 3145E): **ROM**: 48709 - Entebbe (0004N 3228E): **BMNH**: 1906.3.8.5, 1906.3.8.6, 1965.451 - Katwe (0008S 2953E): **CAS**: 11912, 11913; **ROM**: 38294 - Mbarara (0036S 3040E): **BMNH**: 1966.3608 - Wasa river (0102N 3030E): **BMNH**: 1930.11.11.80.

Unknown country:

Dume: **ZMB**: T09940 - Ogowe (0100S 1300E): **ZMH**: 5 - Webi: **ZMB**: T10500.

Zambia:

Balovale (1333S 2307E): **KM**: 1671, 1672 - Lochinvar ranch (1550S 2714E): **NHMZ**: 2271, 22972 - Salujinga (1058S 2407E): **NHMZ**: 11554.

Nycteris intermedia Aellen, 1959**Angola:**

Lucano (1115S 2140E): **BMNH**: 1957.495.

Cameroon:

Nkommetou (0403N 1133E): **RMCA**: 73-015-M-0093, 73-015-M-0094 - Tisongo, Lake (0325N 0954E): **USNM**: 511917.

Congo (Democratic Republic of the):

Albert Park (0200N 3000E): **KBIN**: PNA1076, PNA1076B, PNA1077A, PNA1077B, PNA1655, PNA1668/4 - Avakubi (0118N 2735E): **RMCA**: 12386 - Djamba (0251N 2405E): **RMCA**: 16195 - Ituri Forest (0100N 2916E): **BMNH**: 1930.11.11.82 - Karambi (0051N 2939E): **RMNH**: 16340 - Kisanga (0225S 2818E): **BMNH**: 1962.1850 - Koloka (0323N 2430E): **SMF**: 6383 - Pawa (02 32 N 27 40 E): **RMCA**: 15314 - Teturi (0105N 2910E): **KBIN**: 7046.

Cote D'Ivoire:

Cosrou (0519N 0439W): **MHNG**: 923.95, 923.96, 923.97 - Lakota, 15 km N (0550N 0540W): **CM**: 69155.

Côte d'Ivoire:

Adiopodoumé (0519N 0408W): **MHNG**: 923.94 (Type *Nycteris intermedia*).

Gabon:

Bengoué (0058S 0911E): **MHNG**: 1326.24 - Makokou (0038N 1247E): **MHNG**: 1626.2.

Ghana:

Oda (0555N 0056W): **BMNH**: 1946.116, 1946.117, 1946.235; **USNM**: 439939.

Tanzania:

Gombe Stream National Park (0430S 2940E): **BMNH**: 1973.114.

Nycteris macrotis Dobson, 1876**"Africa":**

Unknown locality: **BMNH**: 1912.5.19.2, CN10.A; **RMCA**: 81-012-M-0001, 81-012-M-0002, 81-012-M-0005, 81-012-M-0007, 81-012-M-0009.

"Congo":

: **MIZT**: CHIR.2.

Angola:

Cassoaialla (0930S 1420E): **BMNH**: 1909.10.1.9 - Cunga (0922S 1337E): **USNM**: 18797 - Pungo Andongo (0940S 1535E): **BMNH**: 1904.4.9.13.

Benin:

Bimbereke (1014N 0240E): **USNM**: 421304, 421305, 421306 - Porga (1102N 0058E): **USNM**: 478007, 479008 -

Zizonkame (0755N 0201E): **USNM**: 438875, 438876.

Botswana:

Serula (2158S 2720E): **USNM**: 479060.

British East Africa:

Baruma: **ZFMK**: 79.655.

Burkina Faso:

Founzan (1127N 0314W): **USNM**: 454587, 454589, 454595, 454612, 454614, 454615 - Goden (1212N 0218W): **USNM**: 450636, 450638 - Konankira (1254N 0353W): **USNM**: 454567, 454568 - Natiaboani (1142N 0030E): **USNM**: 450522, 450523, 450525, 450526, 450527, 450606, 450607, 450608, 450610, 450611, 450612, 450613, 450639, 450640, 450641, 450642, 450643, 450644, 450645, 450646, 450647, 450648, 450650, 450652, 450653, 450654, 450656, 450657, 450658, 450659, 450660, 450661, 450662, 450664, 450665, 450667, 450668, 450670, 450671, 450672 - Nayouré (1215N 0016E): **USNM**: 452806 - Nayouré, 3 km SE (1215N 0016E): **USNM**: 452801, 452802, 452803, 452804, 452805, 452807, 452808, 452809, 452810, 452811, 452813, 452814, 452815, 452816, 452818, 452819, 452820, 452821, 452822, 452823, 452824, 452825, 452826, 452827, 452828, 452829, 452830, 452831, 452832, 452833, 452834 - Nobéré, 9 mi S (ca. 1126N 0110W): **USNM**: 450632, 450633, 450634, 450635 - Orodara, 27 km ENE (1104N 0441W): **USNM**: 468038.

Burundi:

Resha (0351S 2923E): **SMF**: 57532, 57533.

Cameroon:

Galim (0706N 1229E): **RMCA**: 73-015-M-0263 - Mamfe (0547N 0918E): **USNM**: 414088, 414089, 414090, 414091, 414092, 414093, 414094, 414095, 414096, 414097, 414098, 414099, 414100, 414101, 414102 - Ngaouyanga (07 59 N 13 36 E): **MHNG**: 1626.7 - Touroua (0905N 1258E): **RMCA**: 76-014-M-0049 - Victoria (0401N 0912E): **ZMB**: T09377 - Waza (1125N 1434E): **USNM**: 73-015-M-0258, 73-015-M-0259, 73-015-M-0260, 73-017-M-0072; **ZFMK**: 74.308, 74.309, 74.310, 74.311, 74.312, 74.424A, 74.424B, 74.424C, 74.424D, 74.424E - Yagoua (1020N 1514E): **RMCA**: 73-015-M-0243, 73-015-M-0244, 73-015-M-0245, 73-017-M-0105, 73-017-M-0106, 73-017-M-0107 - Yaounde (0352N 1131E, 1025 m): **ZMB**: T10022.

Chad:

N'Djamena (1210N 1459E): **USNM**: 268492, 268493.

Congo:

Brazzaville (0415S 1516E): **MHNG**: 1074.16 - Loudima cave (0415S 1300E): **MHNG**: 1074.17, 1074.18.

Congo (Democratic Republic of the):

Alima (0035N 2918E): **RMCA**: 28155B - Bokalakala (0205S 1624E): **RMCA**: 28542 - Boma (0550S 1303E): **RMCA**: 13700C, 13702, 13703, 13704, 6066, 6069 - Eastern Congo: **RNMH**: 16342 - Garamba Park (0411N 3000E): **KBIN**: 13623, 13624 - Kakyelo (1221S 2936E): **RMCA**: 10845, 10848, 10849 - Kalima (0418S 1517E): **RMCA**: 20101 - Kamueshi (0612S 2926E): **RMCA**: 79-032-M-0013 - Kateke (0904S 2643E): **KBIN**: 10811A, 10811B, 10811C, 10811D, 10811E, 10811F, 10811G, 10811H, 10811I, 10813, 10814, 10815, 10816, 10817, 10819, 10820, 10821, 10822, 10823, 10824, 10825, 10826, 10827, 10828, 10829, 10830, 10831, 10832, 10833, 10834, 10845 - Kawezi-Uvira (0321S 2908E): **RNMH**: 16369 - Keyberg (1143S 2725E): **RMCA**: 26276, 26277, 28897, 28898; **SMF**: 16875 - Kidada (0522S 1432E): **RMCA**: 6556 - Kimilolo (1142S 2725E): **RMCA**: 22441 - Luluabourg [=Kananga] (0553S 2226E): **BMNH**: 1926.7.6.75; **RMCA**: 7108, 7546 - Lwiro (0212S 2848E): **RMCA**: 20430 - Mabwe river (0842S 2629E): **KBIN**: 10847 - Macaco (0528S 2110E): **RMCA**: 7296 - Maleli (0420N 2937E): **RMCA**: 36561 - Marari (0420N 2940E): **KBIN**: 13626 - Mkundi (0642S 3739E): **UIA**: ABOS-172 - Morubia (0414N 2931E): **RMCA**: 36562 - Mwebe bridge: **TM**: 45614, 45615, 45617, 45618 - Shinkolobwe (1106S 2633E): **KBIN**: 14491, 14492, 14494; **SMF**: 19066, 19067 - Temvo (0528S 1313E): **RMCA**: 6557 - Wasa Wago, mount (0144N 3039E): **RMCA**: 23166.

Cote D'Ivoire:

Bouna (0916N 0300W): **USNM**: 468032, 468033, 468034, 468035, 468036, 468037 - Fetekro (0749N 0441W): **USNM**: 467925 - Flampeu (0717N 0823W): **RMCA**: 34869 - Kahin (0655N 0737W): **USNM**: 465763 - Tule (0756N 0608W): **USNM**: 454465.

Côte d'Ivoire:

Adiopodoumé (0519N 0408W): **RMCA**: 34998.

Ethiopia:

Didessa river bridge (0902N 3609E): **BMNH**: 1972.4311; **CM**: 52634 - Dire Dawa (0932N 4153E, 1250 m): **ZMB**: T09723 - Gambela (0815N 3435E): **BMNH**: 1970.2197; **ZFMK**: 73.76 - Koka (0827N 3906E): **SMF**: 52379, 52380 - Robi (1015N 4000E): **BMNH**: 1960.338.

Ghana:

Adawaso (0557N 0013W): **USNM**: 414144, 414145, 414146, 414147, 414148, 414151, 414153, 414154, 414155, 414157, 414159, 414160 - Adawaso, 1 mi E (0557N 0013W): **USNM**: 414152, 414156 - Adawaso, 1.9 mi NW (0557N 0013W): **USNM**: 414158 - Adawaso, 4.7 mi E (ca. 0557N 0013W): **USNM**: 414103, 414104, 414105 - Adawaso, 5.7 mi E (ca. 0557N 0013W): **USNM**: 414106, 414108 - Akosombo (0618N 0003E): **USNM**: 411929, 411930, 411931, 411932, 411933, 411934, 411936, 411938, 411939, 411940, 411941, 411942, 411943, 411944, 411945, 411946, 411947, 411949, 411950, 411951, 411952, 411953, 411955, 411956, 411991, 411993, 411994 - Akwamufe (0617N 0005E): **USNM**: 411967, 411970 - Akwamufe, 1 mi N (0616N 0007E): **USNM**: 411957, 411959, 411960, 411962, 411963, 411964, 411965, 411966 - Akwanu, 5 mi W (0614N 0007E): **USNM**: 411971, 411972, 411973, 411974, 411975, 411976, 411977, 411978, 411979, 411980, 411981, 411982, 411983, 411986, 411987, 411989 - Anum, 4 mi S (0630N 0010E): **USNM**: 411920, 411921, 411922 - Asikuma, 1 mi N (0625N 0011E): **USNM**: 411923, 411924, 411926 - Axim (0452N 0214W): **USNM**: 411865, 411866, 411867, 411868, 411869, 411870, 411871, 411872, 411873, 411874 - Bangwon (1058N 0241W): **USNM**: 414946, 414947, 414948, 414949, 414950, 414951, 414952, 414953, 414954, 414955, 414956, 414957, 414958, 414959, 414960, 414961, 414962, 414963, 414964, 414965, 414966, 414967 - Damongo (0905N 0149W): **USNM**: 467927 - Damongo, 1 mi NE (0904N 0145W): **BMNH**: 1968.1158, 1968.1159, 1968.1160, 1968.1161, 1968.1162 - Elima and Cape Coast, between (0505N 0115W): **RNMH**: 28519 - Fra Fra Country: **BMNH**: 1899.6.15.4 - Jukwa (0515N 0121W): **USNM**: 411877, 411878, 411879, 411880, 411881, 411882, 411883 - Kpaudu (0700N 0025E): **RNMH**: 28517, 28518 - Kuuni, 48 mi from (0639N 0151W): **ROM**: 52023 - Legon [Botanical Garden] (0539N 0011W): **USNM**: 411893, 411894, 411895, 411896, 411897, 411898, 411899, 411900, 411901, 411902, 411903, 411904, 411905, 411906, 411907, 411908, 411909, 411910, 411911, 411912, 411913, 411914 - Mole National Park (0950N 0149W): **BMNH**: 1975.541, 1975.542 - Nabogo (0944N 0049W): **USNM**: 424844 - Nankasi (0516N 0101W): **USNM**: 414161 - Nkawkaw, 1 mi N (0633N 0044W): **USNM**:

411884, 411892 - Okorasi (0602N 0015W): **USNM**: 414109, 414110, 414111, 414112, 414113, 414114, 414115, 414116, 414117, 414118, 414119, 414120, 414121, 414122, 414123 - Pirisi (1007N 0227W): **USNM**: 414916, 414917, 414918, 414919, 414920, 414921, 414922, 414923, 414924, 414925, 414926, 414927, 414928, 414929, 414930, 414931, 414932, 414933, 414934, 414935, 414936 - Pulima (1051N 0203W): **USNM**: 414887(B), 414937, 414938, 414939, 414940, 414941, 414942, 414943, 414944, 414945 - Sakpa (0852N 0221W): **USNM**: 414968, 414969, 414970, 414971 - Samole Motel Camp (0917N 0147W): **BMNH**: 1968.1157 - Tsibu, 7 mi N (ca. 0634N 0017E): **USNM**: 411859, 411860, 411861, 411863, 411864 - Tumu area (1059N 0159W): **BMNH**: 1965.748 - Weija (0534N 0020W): **USNM**: 414124, 414125, 414126, 414127, 414128, 414129, 414132, 414133, 414134, 414135, 414136, 414137, 414138, 414139, 414140, 414141, 414142, 414143, 478992, 478993, 478994, 478995, 478996, 478998, 478999, 479000, 479001, 479002, 479003 - Winneba (0520N 0037W): **BMNH**: 1946.114.

Guinea:

Kindia (1003N 1249W): **ZFMK**: 59.197.

Guinea-Bissau:

Mansoa (1204N 1519W): **MHNG**: 1326.5 (*Syntype Nycteris aethiopica guineensis*); **NMBE**: 5271 (*Syntype Nycteris aethiopica guineensis*); **RMCA**: 15310 (*Syntype Nycteris aethiopica guineensis*).

Kenya:

Athi river (0259S 3831E): **USNM**: 350850 - Diani Beach, 10 km S (0420S 3932E): **SMF**: 57534 - Kavirongo Gulf, S coast (0015S 3435E): **BMNH**: 1936.10.4.3 - Kilifi (0338S 3951E): **BMNH**: 1975.2432, 1975.2433, 1975.2437; **ROM**: 36290, 36291, 36292, 36293, 36294; **USNM**: 351213 - Kitui (0122S 3801E, 3 500 ft): **BMNH**: 1901.5.6.4 (*Type Nycteris aethiopica luteola*) - Kwale (0410S 3927E): **RMNH**: SMEENK81 - Masabubu (0112S 4001E): **CM**: 45488 - Masabubu, 1.5 mi E (0112S 4001E): **CM**: 45487 - Mazeras (0358S 3933E): **BMNH**: 1910.9.22.2, 1910.9.22.3, 1910.9.22.4, 1910.9.22.5; **USNM**: 182656, 182657 - Mombassa (0404S 3940E): **BMNH**: 1922.2.17.79 - Muranga (0042S 3740E): **BMNH**: 1903.3.2.1 - Ngombeni caves (0404S 3940E): **USNM**: 350851, 350852, 350854, 351212 - Ngong Hills (0122S 3640E): **USNM**: 350857 - Rongai (0011S 3552E): **BMNH**: 1975.2871 - Sokoke forest (0318S 4001E): **USNM**: 375910 - Yala river (0006N 3432E): **BMNH**: 1912.5.19.27, 1912.5.19.28, 1912.5.19.29, 1912.5.19.30, 1912.5.19.35.

Liberia:

Tokaden, mount (0727N 0840W): **BMNH**: 1979.456.

Malawi:

Chiromo (1632S 3509E): **BMNH**: 1922.24.252, 1922.4.25.3 (*Type Nycteris oriana*) - Liwonde National Park, Headquarters (1503S 3515E): **TM**: 41763 - Mlanje (1605S 3529E): **BMNH**: 1914.6.13.1.

Namibia:

Spitzkopje (2624S 1828E): **ZMB**: T10288.

Niger:

Park West (1236N 0229E): **USNM**: 462780.

Nigeria:

Dada (1134N 0429E): **USNM**: 402623, 402624, 402625, 402626, 402627, 402628, 402630, 402632, 402633, 402635, 402636, 402637, 402638, 402639, 402640, 402663, 402664, 478948 - Nassarawa (0835N 0744E): **BMNH**: 1911.10.28.2 - Ogbunike (0610N 0654E): **BMNH**: 1972.678 - Umuahia (0531N 0726E): **BMNH**: 1947.346 - West province (0730N 0400E): **BMNH**: 1908.10.25.2.

Rwanda:

Butare (0234S 2943E): **KBIN**: 15493 - Karama (0216S 3015E): **RMCA**: 82-006-M - Nyakibanda (0238S 2941E): **RMCA**: 31048, 31049, 31050, 31051, 31053, 31054, 31055, 31056, 81-012-M-0019, 81-012-M-0020, 81-012-M-0021, 81-012-M-0022, 81-012-M-0023, 81-012-M-0024, 81-012-M-0025, 81-012-M-0026, 81-012-M-0027, 81-012-M-0028 - Nyumba cave (0234S 2943E): **BMNH**: 1953.566, 1953.567, 1953.677, 1953.678, 1953.679, 1953.680; **KBIN**: 15483A, 15483B, 15483C, 15484A, 15484B, 15484C, 15939A, 15939B, 15989, 15990, 15991, 15994, 15995; **MHNG**: 921.36 - Simbi cave (0230S 2940E): **KBIN**: 15930, 15931.

Senegal:

Bandia (1437N 1702W): **MHNG**: 1079.74 - Diattacounda (1234N 1540W): **ZFMK**: 76.156, 76.157, 76.163, 76.165, 76.173, 76.177, 76.178, 76.181, 76.23, 76.24 - Goudiri (1412N 1214W): **USNM**: 377897, 377898, 377899, 377900, 377901, 377902, 377903, 377904, 377905, 377906, 377907, 377908, 377909, 377910, 377911, 377912, 377913, 377914, 377915, 377916, 381329, 381330, 381331, 381332, 381333, 381334 - Kaffrine, 15 km N (1408N 1534W): **USNM**: 376208, 376209, 376210, 376213, 376214, 376215, 376216, 376217, 376218 - Louga, 8 km E (1537N 1613W): **USNM**: 380244, 380245, 380246, 380248, 380249, 380250, 380251, 380252, 380253, 380254, 380255, 380256, 380257, 380258, 380259, 380260, 380261, 380262, 380263, 380264, 380265, 380266, 380268, 380269, 380270, 380271, 380272, 380273, 380274, 380275, 380276, 380277, 380278, 381387, 381388, 381389, 381390, 381391, 381392 - Missirah Saloum (1340N 1632W): **KBIN**: 19914A, 19914B, 19914C - Ranerou, 13 km NW (1518N 1358W): **USNM**: 410747 - Saboya (1341N 1611W): **MHNG**: 1977-650, 1977-651, 1977-652, 1977-653, 1977-654, 1977-655, 1977-656, 1977-657, 1977-658, 1977-659, 1977-660, 1977-661, 1977-662, 1977-663, 1977-664, 1977-665, 1977-666, 1977-667, 1977-668, 1977-669, 1977-670, 1977-671, 1977-672 - Tabadienke (1308N 1307W): **NMW**: 10335, 10336, 10337, 10338, 10339, 10340.

Sierra Leone:

Freetown (0830N 1315W): **BMNH**: 1953.43 - Hanjama, 1 mi S (0755N 1057W): **USNM**: 462817 - Konia, 5 mi SE (0807N 1101W): **USNM**: 463090 - Makeni (0857N 1202W): **BMNH**: 1962.1775 - Musaia (0945N 1134W): **BMNH**: 1962.1774 - Njala (0807N 1205W): **BMNH**: 1916.1.27.1 - no specific locality: **BMNH**: 1866.2.2.2 (*Type Nycteris macrotis*) - Petifu (0835N 1133W): **BMNH**: 1939.489, 1939.490 - Scaries river: **BMNH**: 1892.6.7.3, 1892.6.7.4, 1947.631 - Sierra Leone: **BMNH**: 1947.632 - Waterloo (0820N 1304W): **BMNH**: 1959.211, 1959.212.

Somalia:

Chisimaio (0025S 4231E): **BMNH**: 1950.1835, 1950.1854 - Hargeisa (0933N 4404E): **BMNH**: 1972.4161 - Mogadiscio (0202N 4521E): **MSNM**: 1045.

Sudan:

Gallabat (1257N 3609E): **NMW**: 10332, 10333 - Gondokoro (0454N 3140E): **USNM**: 164969, 166516 - Imatong (0400N 3245E): **SMNS**: 2114, 29339 - Jebel Kasangor (0550N 3359E): **SMNS**: 29338 - Juba (0450N 3135E): **SMNS**: 29342, 31332, 31391 - Kajiko North (0351N 3036E): **SMNS**: 29340 - Khartoum (1540N 3235E): **NMW**: 10328, 10329, 10330, 10331 - Kordofan (ca. 1300N 3000E): **BMNH**: 1847.5.27.32 (*Holotype Nycteris aethiopica*), 1848.8.19.12 - Rheika (1041N 3000E): **SMF**: 32669 - Shendi (1641N 3322E): **BMNH**: 1901.5.5.4, 1901.5.5.5 - Torit (0427N 3231E):

ZMUC: 3187.

Tanzania:

Bagamoyo (0626S 3855E): **BMNH**: 1964.1356; **RMNH**: 15946 - Banagi (0217S 3450E): **BMNH**: 1951.387, 1951.388, 1964.1350, 1964.1351, 1964.1352, 1964.1353, 1964.1354 - Bet El Ras (0607S 3913E): **BMNH**: 1956.198, 1956.199, 1956.200, 1956.201, 1956.201B, 1956.202 - Inwale: **BMNH**: 1964.1373 - Iringa (0747S 3542E): **ZMB**: 60912, 60913 - Kidugallo (0649S 3812E): **ZFMK**: 59.163 - Kilosa (0651S 3659E): **BMNH**: 1924.1.1.15, 1924.1.1.16 - Kizimkazi (0628S 3928E): **BMNH**: 1955.267, 1955.268, 1955.269, 1955.270 - Lembeni (0347S 3737E): **ZFMK**: 59.149, 59.150 - Likawage (0917S 3856E): **BMNH**: 1964.1358, 1964.1359, 1964.1360, 1964.1361, 1964.1362 - Marahubi Mlangoni (0609S 3913E): **BMNH**: 1955.273 - Mbarangandu (1012S 3648E): **BMNH**: 1964.1372 - Mikindani (1016S 4005E): **SMF**: 28253, 28254; **ZFMK**: 64.886 - Morogoro (0648S 3740E): **USNM**: 219329, 219330 - Musosa (0900S 2900E): **KBIN**: 14490, 14493 - Nanguale: **BMNH**: 1964.1368, 1964.1369, 1964.1370 - Sagaya (0230S 3300E): **BMNH**: 1924.1.1.18, 1924.1.1.19, 1924.1.1.20, 1924.1.1.21, 1924.1.1.23 - Soga (0652S 3857E): **ZFMK**: 61.100, 61.101, 61.102, 61.103, 61.104, 61.150, 61.151, 61.152, 61.90, 61.93, 61.98, 61.99 - Urambo (0502S 3200E): **BMNH**: 1962.961, 1962.962, 1962.963, 1962.964, 1962.965 - Zanzibar (0610S 3912E): **BMNH**: 1879.9.12.5, 1909.1.4.26.

Tanzania [=former Tanganyika]:

Mikindani (1016S 4005E): **SMF**: 26869.

The Gambia:

Banjul (1328N 1639W): **BMNH**: 1888.12.11.1 - Banjul, 8 mi W (ca. 1328N 1639W): **USNM**: 377570, 377571, 377572, 377573, 377574, 377575 - Gambia: **BMNH**: 1907.1.1.334, 1907.1.1.706 - Kudang (1340N 1503W): **USNM**: 377576, 377577, 377578, 377579, 377580, 377581, 377582, 377583, 377584, 377586, 377589, 377590, 377591 - Kuntaur, 5 mi N (1337N 1454W): **BMNH**: 1949.468, 1949.469 - Makka (1337N 1454W): **BMNH**: 1949.467 - Toniataba (1324N 1535W): **USNM**: 379377, 379378, 379380, 379381.

Togo:

Dapango (1052N 0012E): **RMCA**: 73-009-M-0117 - Namoundjoga (1054N 0024E): **RMCA**: 73-011-M-0149, 73-011-M-0150, 73-011-M-0151, 73-011-M-0152, 73-011-M-0153, 73-011-M-0154, 73-011-M-0155, 73-011-M-0156 - Niamtougou (0946N 0106E): **RMCA**: 73-011-M-0139, 73-011-M-0140, 73-011-M-0141, 73-011-M-0142 - Padori (1013N 0025E): **USNM**: 437623, 437624 - Paio (1014N 0041E): **RMCA**: 73-009-M-0118 - Pewa (0917N 0114E): **RMCA**: 73-011-M-0136, 73-011-M-0138; **USNM**: 437626, 437627, 437631, 437632, 437633.

Uganda:

Entebbe (0004N 3228E): **BMNH**: 1906.3.8.4, 1965.558 - Yumbe (0327N 3115E): **BMNH**: 1962.2003.

Unknown Country:

Bufundi: **RMCA**: 81-012-M-0011, 81-012-M-0012, 81-012-M-0013 - Dume: **ZMB**: T10373 - Jala plains: **BMNH**: 1912.5.19.1, 1912.5.19.3, 1912.5.19.4.

Zambia:

Mfuwe Game Camp (1305S 3147E): **BMNH**: 1966.5429 - Mumbwa (1500S 2701E): **ZFMK**: 78.465.

Nycteris madagascariensis G. Grandidier, 1937

Madagascar:

Ankarana, N of (1254S 4907E): **MCZ**: 45434 - Rodo valley (1205S 4905E): **MCZ**: 45433 (*Holotype Nycteris madagascariensis*).

Nycteris major (K. Andersen, 1912)

Cameroon:

Dja river (0300N 1300E): **BMNH**: 1909.10.2.49 - Foulassi (0259N 1158E): **MHNG**: 913.67 - Isongo [=Izongo] (0405N 0901E, 30 m): **ZMB**: 93805 - Mobange-Isongo (0450N 0900E): **SMNS**: 3450, 5590 - Ngam (0256N 1159E): **MHNG**: 913.68.

Congo (Democratic Republic of the):

Avakubi (0118N 2735E): **AMNH**: 49403 (*Type Nycteris avakubia*).

Cote D'Ivoire:

Kahin (0655N 0737W): **USNM**: 465762.

Zambia:

Mweru Wantipa (0850S 2940E): **KBIN**: 13330.

Nycteris nana (K. Andersen, 1912)

Cameroon:

Bitye (0313N 1222E): **BMNH**: 1914.1.24.7, 1919.11.1.1, 1923.1.22.21 - Ebolowa (0254N 1109E): **MCZ**: 14850 - Kribi, 14 km N (ca. 0258N 0955E): **ROM**: 56273 - Mangamba (0530N 0900E): **ROM**: 68901, 68907 - Metet (0326N 1143E): **MCZ**: 14854 - Olounou (0249N 1208E): **RMCA**: 73-016-M-0144 - Yoko, 34 km S (0532N 1219E): **ROM**: 56101.

Congo (Democratic Republic of the):

Aka river (0430N 2940E): **KBIN**: 13565A - Bagisana (0435N 2930E): **KBIN**: 13563 - Bagunda (0405N 2935E): **KBIN**: 13549 - Buluku river (0433N 2950E): **KBIN**: 13566 - Byangore river: **KBIN**: 17291 - Fataki area (0201N 3038E): **KBIN**: 18546 - Garamba Park (0411N 3000E): **KBIN**: 13554, 13556, 13557, 13562, 13567, 13567B - Irangi (0154S 2827E): **RMNH**: 16366 - Kawa (0134N 3032E): **BMNH**: 1953.484 - Kokodo river (0438N 2930E): **KBIN**: 13561, 13561B - Luluabourg [=Kananga] (0553S 2226E): **RMCA**: 33600 - Makpe river, upper (0420N 2934E): **KBIN**: 13552A, 13552B, 13553 - Maleli (0420N 2937E): **KBIN**: 13551 - Morubia (0414N 2931E): **RMCA**: 36601, 36603 - Nakpanga river (0440N 2932E): **KBIN**: 13564; **RMCA**: 36608 - PFNK 15 + 16 (0425N 2948E): **RMCA**: 36602 - Pidigala Nord (0438N 2942E): **KBIN**: 14258B, 19258A; **RMCA**: 36606, 36607, 36609 - Wilibadi river (0350N 2910E): **KBIN**: 13550.

Cote D'Ivoire:

Duekoue (0650N 0722W): **MHNG**: 923.87.

Equatorial Guinea:

Benito river (0131N 0952E): **BMNH**: 1900.2.5.46 (*Type Petalia nana*).

Ghana:

Butre (0449N 0155W): **USNM**: 414162 - Oda (0555N 0056W): **BMNH**: 1946.377, 1946.378.

Kenya:

Kaimosi: **MCZ**: 31156 (*Holotype Nycteris nana tristis*) - Kakamega forest (0016N 3453E): **SMF**: 43656, 57540, 57541, 57542 - Yala river (0006N 3432E): **BMNH**: 1921.2.4.2, 1921.2.4.4, 1921.2.4.5; **USNM**: 197957, 197958.

Sudan:

Kajiko North (0351N 3036E): **SMNS**: 29344, 29345.

Uganda:

Bwamba Forest (0140N 3130E): **ROM**: 48713.

Nycteris thebaica E. Geoffroy St.-Hilaire, 1818

"Africa":

Eastern Africa: **NMW**: 28731; **ZMB**: T09428 - Northern Africa: **SMNS**: 3607 - Unknown locality: **BMNH**: 1881.5.13.3; **KBIN**: 197; **RNMH**: 27234, 27236; **USNM**: 62335.

Angola:

Benguela (1234S 1324E): **BMNH**: 1905.10.1.1 - Biballe and Rio Coroca, Caconda (1342S 1505E): **BMNH**: 1879.1.21.2 - Vic (*Syntype Nycteris angolensis*) - Bungo (0726S 1533E): **BMNH**: 1909.10.1.32, 1909.10.1.33, 1909.10.11.31 - Caconda [= Cuango] (1342S 1505E): **ZMB**: 3637 - Humbe (1640S 1455E): **MHNG**: 1326.13; **MSNG**: 45881; **ZMB**: 5105 - Moks, mount (1213S 1519E): **BMNH**: 1935.1.6.19 - Sanguve (1350S 1555E): **MHNG**: 1625.19.

Benin:

Guene (1144N 0313E): **USNM**: 421355, 421364.

Botswana:

Dibete (2345S 2626E): **SMNS**: 5036 - Drodsky cave (2003S 2130E): **SMF**: 54255, 54256; **USNM**: 322841, 322842, 322888, 322889, 322890, 322891, 322892, 322893, 322894, 322895, 322896, 322897, 332843, 36676, 367675, 367677, 367678, 367679, 367680, 367681, 367682, 368648, 368649, 368650, 368651, 368652, 368653, 368654, 425271, 425272, 425273, 425274, 425275, 479012, 479014, 479016, 479017, 479018, 479022, 479023, 479024, 479025, 479026, 479027, 479028, 479029, 479030, 479036, 479038, 479042, 479043 - Ghanzi, 20 mi NE (2142S 2139E): **USNM**: 382643 - Goho Hills (1824Ac): **TM**: 6558 - Kanye (2459S 2519E): **ZFMK**: 64.103, 64.104, 64.105, 64.97 - Kuruman (2628S 2227E): **BMNH**: 1904.10.1.8, 1904.4.8.1 - Maun (2000S 2325E): **USNM**: 479062, 479063, 479064, 479065 - Mohembo (19 S 23 E): **KU**: 41263, 41264, 41265, 41266 - Ngami, lake (2030S 2240E): **BMNH**: 1910.6.3.78 - Sepopa (1820S 2000E): **USNM**: 425268, 425269, 425270 - Serula (2158S 2720E): **USNM**: 479059 - Toteng (2025S 2300E): **SMNS**: 29335 - Xugana (1905S 2306E): **USNM**: 518624, 518625, 518627, 518628, 518629, 518630, 518631, 518633.

Burkina Faso:

Barga, 9 km NE (1351N 0212W): **USNM**: 452800 - Dio (1320N 0238W): **USNM**: 452790, 452792, 452793, 452794, 452795, 452796, 452797, 452798, 452799 - Natiaboani (1142N 0030E): **USNM**: 450582, 450583, 450584, 450585, 450586, 450587, 450588, 450589, 450590, 450591, 450592, 450593, 450595, 450596, 450597, 450598, 450599, 450600, 450601, 450602, 450603, 450604, 450605, 450614, 450615, 450616, 450617, 450618, 450619, 450620, 450621, 450622, 450623, 450624, 450625, 450626, 450627, 450628, 450629, 450630, 450631, 478628, 478629, 478630, 478631, 478632, 478633, 478634, 478635, 478636, 478637, 478639, 478640, 478641, 478642, 478643, 478644, 478645, 478646, 478647, 478648, 478649, 478650, 478651, 478652, 478653, 478654, 478655, 478656, 478657, 478659, 478660, 478661, 478662 - Oulo (1154N 0258W): **USNM**: 454521, 454523, 454525, 454526, 454527, 454528, 454530, 454531, 454536, 454537, 454547, 454548, 454549, 454553, 454555, 454556, 454563, 454564, 454929, 478670, 478674, 478685, 478688, 478692, 478694, 478697, 478706, 478710, 478713, 478714 - Tatarko (1329N 0020W): **USNM**: 452774, 452775, 452776, 452777, 452778, 452779, 452780, 452781, 452782, 452783, 452784, 452785, 452786, 452787, 452788, 452789, 452791.

Cameroon:

Basho (0608N 0926E): **ZMB**: T09590 - Mokolo (1042N 1343E): **RMCA**: 73-015-M-0255 - Sir (1033N 1341E): **RMCA**: 73-015-M-0246, 73-015-M-0247, 73-015-M-0248, 73-015-M-0249, 73-015-M-0250, 73-015-M-0251, 73-015-M-0252, 73-015-M-0253 - Waza (1125N 1434E): **RMCA**: 73-015-M-0257 - Yagoua (1020N 1514E): **RMCA**: 73-015-M-0242, 73-015-M-0261.

Congo (Democratic Republic of the):

Albert Park (0200N 3000E): **KBIN**: PNA1345, PNA1354, PNA1436, PNA481, PNA481A, PNA481B - Kakanda cave (1047S 2636E): **BMNH**: 1955.146; **RMCA**: 22890 - Kakyelo (1221S 2936E): **RMCA**: 10844, 10846, 10847 - Kasenga rd, km 36 (1137S 2740E): **RMCA**: 26230 - Kaswabilenga (0848S 2641E): **KBIN**: 10812 - Lubudi-Lusolo (0956S 2558E): **SMF**: 21243 - Mahagi Port (0208N 3115E): **BMNH**: 1954.797 - Ne, Mount (0142N 3039E): **BMNH**: 1953.485; **MHNG**: 921.34 - St.-Gerard mission (1103S 2657E): **RMCA**: 26234, 26236; **SMF**: 16878, 21244 - Tantara caves (1102S 2629E): **MHNG**: 1046.36 - Tungu, mount (0425N 2945E): **KBIN**: 13622.

Egypt:

(ca. 3001N 3113E): **SMNS**: 4547, 4548 - Abu Rawash (3002N 3106E): **USNM**: 312366, 312367, 312368, 312369, 312370, 312371, 312372, 312392, 312393, 312394, 312395, 312396, 368686, 368687 - Bulaq (2510N 3038E): **BMNH**: 1921.5.6.3 - Cairo (3003N 3115E): **SMF**: 5425; **USNM**: 13512 - Cairo, 20 km S (ca. 3003N 3115E): **SMF**: 25839, 25840, 25841 - Denderah [=Dandarah] (2610N 3239E): **ZMB**: 21048 - Egypt: **BMNH**: 1976.9; **MNHN**: 142; **NMW**: 27873; **RNMH**: 27227; **SMF**: 12313, 1321; **SMTD**: B13973 - Gizeh (3001N 3113E): **BMNH**: 1908.11.5.4, 1908.4.17.8, 1921.5.6.2, 1967.2282 - Jabal Musa (2832N 3359E): **BMNH**: 1883.8.26.1 - Kafr Dawud (3028N 3049E): **USNM**: 312327, 312331, 312332, 312333, 312334 - Karnak (2541N 3239E): **BMNH**: 1892.9.9.14, 1892.9.9.15 - Khayzan (2541N 3224E): **BMNH**: 1892.9.9.16 - Kom Hamada (3046N 3041E): **USNM**: 312336, 312339, 312346, 312347, 312349 - Kom O Shim (2934N 3055E): **USNM**: 312390, 312391 - Lake Moeris (2933N 3042E): **BMNH**: 1909.7.1.6 - Luxor (2541N 3239E): **BMNH**: 1923.6.4.6 - no specific locality: **ZMB**: 3314, 39964, T09262 - Saqqara (2951N 3113E): **SMF**: 22662, 22663, 22664, 22666, 22667, 22668, 22669, 22670; **USNM**: 312373, 312375, 312377, 312378, 312379, 312380, 312382, 312385 - Seila (2921N 3058E): **BMNH**: 1924.2.19.1, 1924.2.19.2, 1924.2.19.3, 1924.2.19.4, 1924.2.19.5, 1924.2.19.6, 1924.2.19.8, 1924.9.19.7 - Thebe (2541N 3239E): **BMNH**: 71. - Thebes: **MNHN**: 889 (*Type Nycteris Thebaicus*) - Zokila (3003N 3115E): **USNM**: 300212, 300213, 300214, 300215.

Ethiopia:

Abella (0642N 3756E): **BMNH**: 1969.868 - Abyssinia: **ZMB**: 2794, 5694 - Adi Caie (1451N 3923E): **MZUF**: 6001, 6002,

1928.9.11.36, 1928.9.11.37, CN3069, CN3070, CN3098, CN3105, CN3143, CN3167, CN3211, CN3249, CN3273, CN3275; **KM**: 1686, 1687, 1688, 1689, 1690, 1691, 1692, 1693, 1695, 1697, 20183 - Outjo (2008S 1608E): **BMNH**: 1953.22, 1953.23, 1953.24; **SMNS**: 17471, 17472 - Quickborn (2109S 1705E): **TM**: 3379 - Sandfontein (2218S 1959E): **KM**: 1681 - Swartbooisdrift (1720S 1350E): **BMNH**: 1928.9.11.26; **KM**: 1683, 1684, 1685 - Swartkop (2833S 1625E): **TM**: 32648 - Ukualuisi (18 S 15 E): **BMNH**: 1925.12.4.10, 1925.12.4.11, 1925.12.4.12; **KM**: 1699, 1700, 1701 - Ukualuisi (3390 ft): **BMNH**: CN1168, CN1169, CN1170, CN1434, CN1435, CN1436 - Ukualukasi (1732S 1437E): **BMNH**: 1925.12.4.15, 1925.12.4.16; **KM**: 1702, 1703, 1704, 1705 - Ukualukasi (1732S 1437E, 3400 ft): **BMNH**: CN1398, CN1399, CN1400, CN1401, CN1402, CN1403 - Usakos (2115Ad): **TM**: 16342 - Windhoek: **BMNH**: CN3842 - Windhoek (2234S 1706E): **BMNH**: 1925.1.2.283; **KM**: 1675 - Windhuk [=Windhoek?] (5600 ft): **BMNH**: CN1024, CN1035.

Niger:

I-N-Gall (1647N 0656E): **RMCA**: coll:4645 - Park West (1236N 0229E): **USNM**: 462781 - Zinder (1346N 0858E): **BMNH**: 1921.2.11.2, 1921.2.11.3, 1934.1.3.67.

Nigeria:

Afon (0819N 0431E): **USNM**: 402682, 402684 - Farniso (1206N 0830E): **BMNH**: 1921.2.11.4 - Karaduwa (1219N 0741E): **USNM**: 402641, 402642, 402643 - Panisau (1143N 0732E): **USNM**: 401651, 402644, 402645, 402646, 402647, 402648, 402649, 402650, 402652, 402653, 402654, 402655, 402656, 402657, 402658, 402659, 402660, 402661, 402662 - Sokoto, 12 mi N (ca. 1302N 0515E): **USNM**: 378795, 378796, 378797, 378798, 378799, 378800.

Rwanda:

Akagera Park (0130S 3030E): **KBIN**: PNK3085A, PNK3085B, PNK3131, PNK3146/2, PNK3146A, PNK3146B, PNK3146C, PNK3146D, PNK3146E, PNK3146F - Butare (0234S 2943E): **KBIN**: 16005, 16006 - Muhabura (0122S 2942E): **RMCA**: coll:4822 - Rukira [=Rukara] (0213S 3035E): **RMCA**: 82-006-M??.

Senegal:

Bandia (1437N 1702W): **ZFMK**: 76.32, 76.33, 76.34 - Diattacounda (1234N 1540W): **ZFMK**: 76.162, 76.167, 76.174, 76.175, 76.184, 76.185, 76.188 - Koular (1341N 1611W): **MNH**: 1977.626 - M'Bour (1422N 1654W): **MHNG**: 1079.73 - Saboya (1341N 1611W): **MNH**: 1977-588, 1977-589, 1977-590, 1977-591, 1977-592, 1977-593, 1977-594, 1977-595 - Senegal: **BMNH**: 1971.1560.

Sierra Leone:

Freetown (0830N 1315W): **BMNH**: 1953.44 - Mongberi (0758N 1154W): **BMNH**: 1956.35.

Somalia:

Bender Cassim (1118N 4910E): **MSNM**: 1028, 1029, 1030, 1031 - Callis (0820N 4906E): **MZUF**: 6315, 6316, 6317, 6318, 6319, 6320 - Candala (1129N 4952E): **MSNM**: 1038 - El-Bur (0440N 4630E): **MSNM**: 1033 - Hargeisa (0933N 4404E): **BMNH**: 1948.331, 1953.586 - Mijertein province (0900N 5000E): **MSNM**: 1037 - Mogadishu [=Mogadishu =Moqdisho] (0204N 4522E): **ZMB**: T10214 - Ruspoli: **BMNH**: 1897.3.6.4 - Somalia: **MNH**: CG1881/1, CG1881/2?, CG1881/3, CG1881/4 - Upper Sheikh (0956N 4513E): **BMNH**: 1908.4.9.3, 1909.12.17.1, 1909.12.17.2, 1910.7.19.1 - Upper Sheikh (0956N 4513E, 4 300 ft): **BMNH**: 1910.3.27.1, 1910.3.27.2, 1910.3.27.4 (*Type Petalia damarensis brockmani*), 1910.3.27.5.

South Africa:

Agriculture station (2725Cc): **NMB**: 1589 - Anthrax camp (2225S 3112E): **TM**: 36637 - Bishopstowe cave (2936S 3023E): **TM**: 13744, 13745 - Bloemfontein (2926Aa): **NMB**: 1090 - Blyde River Canyon [=Blyderivier Blyderivierspoort] Nature Reserve (2435S 3047E): **TM**: 23524, 40302 - Blyde River Canyon [=Blyderivier, Blyderivierspoort] Nature Reserve, Farm Bourkes Luck 454 [=Bourkes Luck Potholes] (2441S 3050E): **TM**: 39969, 39970, 40094, 40095, 40096 - Bube pan (2747S 3212E): **DNSM**: 4576, 4577, 4578, 4582, 4583, 4585, 4589; **TM**: 35295, 35296, 35297, 35298, 35299, 35333, 35338, 35339, 35340, 35341, 35342 - Cape of Good Hope: **ZMB**: 3092 - Craigadam (2730S 3121E): **TM**: 37162 - Culling Camp (2225S 3115E): **TM**: 38086 - D'Nyala Provincial Nature Reserve (2245S 2750E): **TM**: 19961, 19962, 19963, 19964, 19965, 20006, 41159 - Doornkraal campsite (273044S 311241E): **TM**: 31757 - Duivelskloof (2342S 3000E): **TM**: 9987 - Dumisa gold mine (3015S 3021E): **TM**: 36252 - Durban (2952S 3100E): **BMNH**: 1907.1.1.335; **KBIN**: 12301 - Dzundwini (2246S 3110E): **TM**: 29968 - Eshowe (2854S 3128E): **TM**: 7377 - False Bay, Lister Point (2801S 3221E): **TM**: 37873 - Farm Bordeaux (2253S 2932E): **TM**: 20409, 20410, 20411, 20412 - Farm Dordrecht (2328Cd): **TM**: 24722, 24723 - Farm Duivelskloof 376 [=Mokeetsij] (2340S 3005E): **TM**: 2542, 2866, 2867, 2868, 2869 - Farm Goedhoek [=Goudhoek] (2823S 3104E): **TM**: 30125, 30144, 36388, 36389, 36390, 36391, 36392, 36393, 36394, 36395, 36396, 36397, 36398 - Farm Goodhouse 23 (2854S 1814E, 210m): **TM**: 8304 - Farm Greefswald 37 [=Mapungubwe], Shashi-Limpopo confluence (2213S 2922E): **TM**: 40073, 40074 - Farm Keikamspoor 71 (2950S 2247E): **TM**: 27285, 27286, 27287 - Farm Kersbos (3057S 1812E): **TM**: 28028, 28029, 28030, 28031, 28032, 28033, 28034, 28050, 28051, 28052, 28053 - Farm Luna 61MS [=V.L.N.R.] (2220S 2922E): **TM**: 45422, 45423, 45424, 45425, 45426, 45427, 45428 - Farm Modderfontein, Howell Davies Cave (2425S 2912E): **TM**: 12560 - Farm Mooigenoeg 83 (2442S 2620E): **TM**: 23548, 23562, 23569, 23570, 23571 - Farm Mooiplaas 94 (2445S 2624E): **TM**: 20489 - Farm Olifantspoort 328 [=Retiefkloof] (2549S 2716E): **TM**: 19629, 19630 - Farm Rooikrans [=Rooikranz] 538 (2453S 2739E): **TM**: 1658, 1659, 1660, 1661, 1662, 1663, 1664, 1666, 1667 - Farm Scrutton 23MT (2217S 3017E, 1450 ft): **TM**: 20313 - Farm Secheil's Oude Stad 6 (2453S 2558E): **TM**: 8890, 8891, 8892 - Farm Vergelegen 80JS, Loskop Dam Wall Inspection Tunnel (2525S 292110E): **TM**: 47103 - Farm Welgevonden 449 (2332S 2825E): **TM**: 23307, 23308, 23309, 23310, 23311 - Farm Zanrivier (2439S 2802E): **TM**: 41548 - Fauresmith (2924Cb): **NMB**: 9563 - Fauresmith (2925Cb): **NMB**: 2043 - Figaro Mine (2527S 3128E): **TM**: 41328, 41329 - Figtree camp (222550S 311150E): **TM**: 36100 - Fountains (2545S 2812E): **TM**: 1035, 1037, 1039; **USNM**: 376753 - Fountains Grove (2545S 2812E): **TM**: 1036 - Garies (3030S 1800E): **KM**: 1721 - Gilletts (2931Cc): **TM**: 5034 - Goodhouse (2853S 1815E): **KM**: 1715, 1716, 1717, 1718 - Graaff Reiniet, 23 mi SE (3227S 2445E): **USNM**: 424101 - Grahamstown (ca. 3318S 2632E): **TM**: 6664 - Gravelotte mines (2355S 3036E): **TM**: 40984 - Greefswald [= Mapungubwe] (2212S 2922E): **TM**: 20393, 20406, 20407 - Grootvadersbosch (3350S 2053E): **TM**: 8977, 8978, 8979, 8980, 8982 - Hazelmere Dam (2936S 3101E): **TM**: 40069 - Hectorspruit (2526S 3141E): **TM**: 1041 - Hectorspruit (2527S 3141E): **TM**: 1042, 1043, 1044, 1319, 1320, 1321 - Hennops River (2549.560S 2759.081E): **TM**: 46438, 47674 - Hlabisa (2811S 3157E, 260m): **TM**: 40722 - Hluhluwe Game Reserve (2802S 3207E): **ZFMK**: 65.97, 66.101, 66.102 - Huwi Private Nature Reserve (2345S 2750E): **CM**: 46786 - Ingwavuma, village (2708S 3201E): **TM**: 7122 - Insuzi river (2853S 3103E): **BMNH**: 1904.5.1.16, 1904.5.1.17, 1904.5.1.18, 1904.5.1.19, 1904.5.1.20, 1904.5.1.21, 1904.5.1.22, 1904.5.1.23 - Itala National Park (2731S 3122E): **TM**: 33447 - Jagersfontein Commonage (2925Cb): **NMB**: 7577 - Kaap provincie [=Cape province]: **NMW**: 19062 - Kaap river (2530S 3130E): **BMNH**: 1893.11.26.16 - Kalahari Gemsbok National Park, Twee Riveren (2627S 2037E): **TM**: 15567, 15568, 15569, 15570, 15571, 15572 - Kleinpoort (3320S 2403E): **TM**: 6654,

S 3930E): **BMNH**: 1964.1408 - Southern province: **BMNH**: 1964.1466, 1964.1467, 1964.1468 - Suna (0523S 3446E): **BMNH**: 1924.1.1.30 - Takaungu (0342S 3951E): **BMNH**: 1901.5.1.15, 1901.5.1.16 - Tandamanga (0939S 3751E): **BMNH**: 1964.1460, 1964.1461, 1964.1462 - Tanga (0504S 3906E): **ZMB**: 10102, 10103, 10104, 10106 - Tanzania: **BMNH**: 1901.5.1.13; **UIA**: ABOS-x1 - Taveta (0323S 3740E): **BMNH**: 1910.7.2.19, 1910.7.2.20, 1910.7.2.21, 1910.7.2.22, 1910.7.2.23 - Tendaguro (0945S 3920E): **BMNH**: 1931.7.1.1, 1931.7.1.2 - Tenguru (0323S 3650E): **BMNH**: 1964.1388 - Unyang'anyi (0450S 3500E): **MCZ**: 28126, 28127, 28128, 28129 - Usandawe [=Sandawe] (0515S 3520E, 1200 m): **ZMB**: 11387 - Zanzibar (0610S 3912E): **BMNH**: 1956.194; **ZMB**: 3267, T09429 - Zinga (0912S 3949E): **BMNH**: 1964.1404, 1964.1405.

Tanzania [=former Tanganyika]:

Mikindani (1016S 4005E): **SMF**: 26903, 26904, 26905, 26906, 26907, 26908, 26909, 26910, 26911, 26912, 26913, 26914, 26915, 26916, 26917, 26918, 26919.

Uganda:

Amiel (0258N 3327E): **BMNH**: 1960.1982, 1962.484, 1962.485 - Bulaganya, cave 3 mi S (ca. 01 N 34 E): **BMNH**: 1964.153 - Burisifiwe Gombolola (ca. 01 N 34 E): **BMNH**: 1962.486 - Kama tin mine (0009S 3354E): **BMNH**: 1962.2004 - Kampala (0019N 3235E): **BMNH**: 1896.5.29.1 - Karamoja district, S of (0245N 3415E): **BMNH**: 1966.452 - Mbale (0052N 3424E): **BMNH**: 1964.154, 1964.155, 1964.156 - Moruita (0154N 3446E): **BMNH**: 1966.3607 - Moyo (0338N 3143E): **BMNH**: 1962.2005.

Unknown Country:

: **NMB**: 1590; **TM**: 42703, 42704, 42705, 42711, 42712, 42827, 42829, 42830, 42832, 42833 - Goho Hills: **TM**: 6508 - Kubub: **ZMB**: T10411 - Red Sea: **RMNH**: 27232, 27233.

Unkown country:

Chifumbaze: **ZMB**: T10459.

Zambia:

Balovale (1333S 2307E): **BMNH**: 1937.1.4.22; **KM**: 1669 - Chibembe pontoon, 1/2 mi S (1246S 3205E): **BMNH**: 1966.701, 1966.703, 1966.704, 1966.707 - Chikundulu river (ca. 11 S 23 E): **BMNH**: 1955.1065 - Chinzombo (1307S 3146E): **SMF**: 47489, 47490 - Chipata (1337S 3239E): **KM**: 1658, 1660, 1661, 9627 - Dzala Cave (1526S 2820E): **BMNH**: 1967.1245 - Fort Jameson (1338S 3239E): **NHMZ**: 20207 - Kabompo, near (1336S 2412E): **NHMZ**: 11427 - Kariba, lake, north shore (1628S 2820E): **NHMZ**: 11651, 11652, 11653, 11654, 11655 - Luambe Game Camp (1228S 3208E): **NHMZ**: 11518, 11519, 22732, 22732A, 22733 - Luangwa River (1331Bc): **NHMZ**: 22739 - Luangwa Valley (1140S 3246E): **NHMZ**: 11546 - Lunga pontoon (1300S 2630E): **BMNH**: 1950.864, 1950.865; **KM**: 17198, 17199 - Lunzi river (ca. 11 S 33 E): **BMNH**: 1937.12.8.21 - Lusingazi Game Camp (1321S 3140E): **BMNH**: 1966.700 - Masali Mine (1400S 3315E): **BMNH**: 1972.542, 1972.543, 1972.544, 1974.540, 1974.541 - Mbala (0850S 3124E): **KM**: 9626 - Mfuwe Game Camp (1305S 3147E): **NHMZ**: 20136, 20214 - Missale Old Mine (1405S 3259E): **BMNH**: 1966.5427; **NHMZ**: 20052, 20081, 20082, 20084, 20085, 20086, 20092, 20094, 20095, 20096, 20099, 20100, 20156, 20174, 20175, 20183, 20188 - Monze (1616S 2728E): **BMNH**: 1921.8.11.2, CN24, CN25, CN27; **KM**: 1662, 1663, 1664, 1665, 1666 - Ndola (1300S 2839E): **BMNH**: 1920.11.3.20, 1920.11.3.21, 1920.11.3.22 - Ngwerere cave (1519S 2819E): **SMF**: 47491 - Petauke (1403S 3105E): **BMNH**: 1966.5428; **KM**: 9625 - Solwezi Boma (1211S 2623E): **BMNH**: 1950.863, 1955.1063, 1955.1064 - Wenela (1500S 2237E): **BMNH**: 1968.996, 1968.997.

Zimbabwe:

Birchenough Bridge, 11.2 km W (1954S 3214E): **TM**: 8582 - Bulawayo (2009S 2836E): **USNM**: 154588 - Chirinda Forest (1914S 3214E): **USNM**: 425276 - Chirisa cave (1741S 2824E): **TM**: 34908 - Falls road (1837S 2706E): **TM**: 34983, 34984, 34985, 34986, 34987, 34988, 34989, 34990, 34991, 34992, 34993, 34994, 34995, 34996, 34997, 34998 - Gourlays Block (1917S 2840E): **BMNH**: 1951.632 - Gwanda (1915S 2742E): **BMNH**: 1908.1.7.6, 1908.1.7.7 - Kapovka, mount: **BMNH**: 1974.582 - Kyle Game Reserve (2010S 3055E): **USNM**: 470240, 470241, 470242, 470243, 470244, 470245, 470246, 470247, 470248, 470249, 470250, 470251 - Mazoe (1730S 3103E): **BMNH**: 1895.7.1.12, 1895.7.1.13, 1895.7.1.14, 1895.7.1.17, 1902.2.7.13, 1902.2.7.14 - Odzi district (1859S 3229E): **BMNH**: 1949.108 - Rhodes Inyanga Nature Park (1817S 3246E): **TM**: 34756 - Rustio River (2002S 3259E): **TM**: 34676 - Selinda, mount (2024S 3243E): **USNM**: 425277 - Sentinal Ranch (2210S 2930E): **TM**: 41614 - Sinoia (1721S 3013E): **BMNH**: 1962.2093 - Umtali mine adit [=Umtali Old mine] (1904S 3241E): **TM**: 34700, 34701, 34702, 34703, 34704, 34705, 34706, 34707, 34708, 34709, 34710, 34711, 34807, 34808 - Umtali Old Mine (1857S 3240E): **BMNH**: 1947.1406 - Wallaby Claims (2033S 2915E): **BMNH**: 1957.350 - Zambesidal (ca. 19 S 27 E): **SMNS**: 2118A.

Nycteris woodi K. Andersen, 1914

Cameroon:

Rei Bouba (0836N 1409E): **MHNG**: 1326.2.

Ethiopia:

Abaya, lake, West bank (0500N 3700E): **BMNH**: 1976.300 - Rudolf, lake, 10 km NE (0437N 3608E): **BMNH**: 1971.604.

Malawi:

Chiromo (1632S 3509E): **BMNH**: 1922.12.17.37, 1922.12.17.38; **KU**: 79282 - Kota-Kota (1256S 3418E): **KM**: 11679.

Mozambique:

Chicona, 14 mi ESE: **USNM**: 365176.

South Africa:

Bordeaux Farm (2253S 2932E): **TM**: 20413 - Farm Greefswald 37MS, Shashi-Limpopo confluence (2213S 2922E): **TM**: 20403, 20404, 20405, 20408 - Mockford Garden (2225S 3118E): **TM**: 38521 - Pafuri (2225S 3111E): **TM**: 29857, 29894, 29898.

Tanzania:

Southern province: **BMNH**: 1964.1473.

Zambia:

Chilanga (1528Cb): **KM**: 11031; **NHMZ**: 11699 - Chilanga (1535S 2818E): **BMNH**: 1914.4.22.2 (Type *Nycteris woodi*); **KM**: 11026 - Chipengali area (1332Bb): **NHMZ**: 20122, 20137, 20138, 20139, 20140, 20141 - Fort Jameson (1322S 3222E): **TM**: 38459 - Kalichero (1330S 3227E): **NHMZ**: 20113 - Kongwe Hill (1310S 3247E): **BMNH**: 1966.5431, 1966.5432, 1966.5433, 1966.5434, 1966.5477, 1966.5478, 1966.5479, 1966.5481, 1966.5482, 1966.5483, 1966.5484 - Mpomwa Hills (1327S 3219E): **BMNH**: 1966.5486 - Ndola (1300S 2839E): **TM**: 2543.

Zimbabwe:

Birchenough Bridge, 11.2 km W (1954S 3214E): **TM:** 8578 (Type *Nycteris woodi sabiensis*), 8579, 8580, 8581, 8747 - Mazoe (1730S 3103E): **BMNH:** 1904.12.1.6.

MOLOSSIDAE Gervais, 1856

Ethiopia:

Fatam R Big Abbai: **BMNH:** 1928.1.11.40 - Vicinity of Addis Ababa: **BMNH:** 1969.884.

Mozambique:

Marine Research Station (260136.84S 325439.24E): **TM:** 42640, 42641 - Xai Xai: **TM:** 45905.

Namibia:

Farm Zwartmodder 101 (2454S 1617E): **TM:** 37606 - Great Brukoros Mountains (3500-5202 ft): **BMNH:** 1925.1.2.9 - Omega camp: **TM:** 31096 - Usakos: **TM:** 42794.

South Africa:

Cederberg, Algeria State Forest, campsite (3221S 1903E): **TM:** 29364 - Farm Rotspruit (2622S 2852E): **TM:** 42854, 42855, 42856 - Kruger National Park: **TM:** 25560, 25561, 29845, 29846, 29847, 29891, 29892, 29893, 29950, 29951, 29952, 29953 - Ndumu Game Reserve (2653S 3215E): **TM:** 35201, 35220 - Potchefstroom (2642S 2705E): **TM:** 42808 - Potchefstroom (2644S 2704E): **TM:** 42809 - Tembe Elephant Park (270236S 322523E): **TM:** TEMBE 2.

Unknown Country:

: **BMNH:** CN738; **MMK:** 2299, 2306; **TM:** 36182, 42532, 42535, 42536, 42537, 42609.

Zimbabwe:

Sengwa Wildlife Research Station (1810S 2813E): **TM:** 34907.

Molossinae Gervais, 1856

South Africa:

Farm Zusterstroom 447JR (2538S 2853E): **TM:** 35445.

Chaerephon aloysiisabaudiae (Festa, 1907)

Uganda:

Entebbe (0004N 3228E): **ZMB:** T09247.

Chaerephon ansorgei (Thomas, 1913)

Angola:

Malange [=Malanje]: **BMNH:** 1910.4.8.4.

Cameroon:

Jauro Masali (0620N 0325E, 1300 m): **SMNS:** 41351 - Mokolo (1042N 1343E): **RMCA:** 73-015-M-0001, 73-015-M-0002, 73-015-M-0003, 73-015-M-0004, 73-015-M-0005, 73-015-M-0006, 73-015-M-0007, 73-015-M-0008, 73-015-M-0009, 73-015-M-0010, 73-015-M-0011, 73-015-M-0012 - Waza (1125N 1434E): **RMCA:** 73-015-M-0013, 73-015-M-0014, 73-015-M-0015, 73-015-M-0016, 73-016-M-0001, 73-016-M-0002, 73-016-M-0003, 73-016-M-0004, 73-016-M-0005, 73-016-M-0006, 73-016-M-0007, 73-017-M-0001, 73-017-M-0002, 73-017-M-0003, 73-017-M-0004, 73-017-M-0005, 73-017-M-0006, 73-017-M-0007, 73-017-M-0008.

Congo (Democratic Republic of the):

Kikwit (0513S 1849E): **MSB:** ZaAn 2160, ZaAn 2465, ZaAn 2470, ZaAn 2523, ZaAn 2571, ZaAn 2573, ZaAn 2577, ZaAn 2579, ZaAn 2581, ZaAn 2583, ZaAn 2585, ZaAn 2587, ZaAn 2589, ZaAn 2591, ZaAn 2593, ZaAn 2595, ZaAn 2597, ZaAn 2599, ZaAn 2601, ZaAn 2603, ZaAn 2605, ZaAn 2607, ZaAn 2609, ZaAn 2611, ZaAn 2613, ZaAn 2615, ZaAn 2617, ZaAn 2619, ZaAn 2764, ZaAn 2766, ZaAn 2768, ZaAn 2770, ZaAn 2772, ZaAn 2774, ZaAn 2776, ZaAn 2778, ZaAn 2780, ZaAn 2783, ZaAn 2786, ZaAn 2788, ZaAn 2790, ZaAn 2792, ZaAn 2794, ZaAn 2796, ZaAn 2798, ZaAn 2800, ZaAn 2803, ZaAn 2805, ZaAn 2808, ZaAn 2812, ZaAn 2815, ZaAn 2817, ZaAn 2820, ZaAn 2822, ZaAn 2824, ZaAn 2830, ZaAn 2832, ZaAn 2835; **RMCA:** 97-021-M-0580, 97-021-M-0581, 97-021-M-0583, 97-021-M-0584, 97-021-M-0585, 97-021-M-0586, 97-021-M-0587, 97-021-M-0588, 97-021-M-0589, 97-021-M-0590, 97-021-M-0591, 97-021-M-0592, 97-021-M-0593, 97-021-M-0594, 97-021-M-0595, 97-021-M-0596, 97-021-M-0597, 97-021-M-0598, 97-021-M-0599, 97-021-M-0600, 97-021-M-0601, 97-021-M-0602, 97-021-M-0603, 97-021-M-0604, 97-021-M-0605, 97-021-M-0606, 97-021-M-0607, 97-021-M-0608, 97-021-M-0609, 97-021-M-0610, 97-021-M-0611, 97-021-M-0612, 97-021-M-0613, 97-021-M-0614, 97-021-M-0615, 97-021-M-0616, 97-021-M-0617, 97-021-M-0618, 97-021-M-0619, 97-021-M-0620, 97-021-M-0621, 97-021-M-0622, 97-021-M-0623, 97-021-M-0624, 97-021-M-0625, 97-021-M-0626, 97-021-M-0627, 97-021-M-0628, 97-021-M-0629, 97-021-M-0630, 97-021-M-0631, 97-021-M-0632, 97-021-M-0633, 97-021-M-0634, 97-021-M-0635, 97-021-M-0636, 97-021-M-0637, 97-021-M-0638, 97-021-M-0639, 97-021-M-0640, 97-021-M-0641.

Nigeria:

Leinde Fadali (0658N 1136E, 1700m): **SMNS:** 41352.

Rwanda:

Gabiro (0132S 3025E): **KBIN:** 4907 - Rukira [=Rukara] (0213S 3035E): **RMCA:** 81-012-M-0049, 81-012-M-0050, 81-012-M-0051, 81-012-M-0052, 81-012-M-0053, 81-012-M-0054, 81-012-M-0055, 81-012-M-0056, 81-012-M-0057, 81-012-M-0058, 81-012-M-0059.

South Africa:

Anthrax camp (222530S 311230E): **TM:** 38275 - Nwanedzi Camp, dam 1 km NWN (2427S 3158E): **TM:** 39634, 39637 - Nwanedzi, 3 km SE (2428S 3159E): **TM:** 34531, 34532, 34534, 34536, 34538 - Pafuri (222436S 310636E): **TM:** 38841 - WNLA Dam (2427S 3158E): **TM:** 39633, 39635, 39636, 39638, 39639.

Zimbabwe:

: **TM:** 9980 - Bindura (1723S 3117E): **TM:** 9981, 9982 - Chikupo Caves (1723S 3117E): **TM:** 9977 (Type *Nyctinomus rhodesiae*) - Nwanetsi: **TM:** 34535, 34537.

Chaerephon bemmelinei (Jentink, 1879)**Sudan:**

Mangala [=Mongalla]: **BMNH**: 1902.7.4.4.

Chaerephon bivittatus (Heuglin, 1861)**Ethiopia:**

Abyssinia: **ZMB**: 2792.

Tanzania:

Bagamoyo (0626S 3855E, 0 m): **ZMB**: T09281 - Langenburg [=?Ikombe] (0931S 3405E): **ZMB**: T09291 - no specific locality: **ZMB**: T09485.

Chaerephon chapini J.A. Allen, 1917**Congo (Democratic Republic of the):**

Faradje (0344N 2943E): **AMNH**: 48841.

Namibia:

Ukualukasi (1732S 1437E, 3400 ft): **BMNH**: 1925.12.4.24 (Type *Chaerephon (Lophomops) shortridgei*).

Zimbabwe:

Lunzi River: **BMNH**: 1937.12.8.25 (Type *Chaerephon lancasteri*) - Nwanetsi: **TM**: 34533 - Sengwa Wildlife Research Station (1810S 2813E): **TM**: 34905, 34906, 34947.

Chaerephon gallagheri (Harrison, 1975)**Congo (Democratic Republic of the):**

Scierie Forest (03 10 S 25 46 E): **BMNH**: type3 - Scierie Forest (0310S 2546E): **BMNH**: (ex HZM 1.7797) (Type *Tadarida (Chaerephon) gallagheri*) - Scierie Forest (0310S 2549E): **BMNH**: 1976.207 (Type *Tadarida (Chaerephon) gallagheri*).

Chaerephon leucogaster (A. Grandidier, 1869)**Congo (Democratic Republic of the):**

Boma (0550S 1303E): **AMNH**: 48844 - Malela (0558S 1238E): **AMNH**: 49275 (Type *Chaerephon frater*).

Nigeria:

Yola: **BMNH**: 1908.10.6.8 (Type *Chaerephon pumila websteri*).

Chaerephon major (Trouessart, 1897)**Congo (Democratic Republic of the):**

Aba (0353N 3017E): **AMNH**: 48887.

Nigeria:

Yelwa (0704N 1105E, 1500m): **SMNS**: 41347, 41348, 41349, 41350; **ZFMK**: 88.103, 88.104, 88.105, 88.106.

Tanzania:

"Mosambiro", but actually Usambiro: **BMNH**: 1890.6.8.15 (Type *Nyctinomus emini*).

Unknown Country:

: **BMNH**: 1849.2.8.36 (Type *Nyctinomus pumilus var. major*).

Chaerephon nigeriae Thomas, 1913**Cameroon:**

Bosum [syn Bozum], Uam (0618N 1622E): **ZMB**: 31498, 31499, 31500.

Namibia:

Makuri pan, 9 km W (1941S 2039E): **TM**: 39798 - Nama pan [=Nama dam] (1955S 2043E): **TM**: 39799, 39800.

Nigeria:

: **BMNH**: 1911.3.22.1 (Holotype *Chaerephon nigeriae*).

South Africa:

: **TM**: 42498, 42828 - Farm Regina 68 [=V.L.N.R.] (222248S 291612E): **TM**: 45417 - Mount Moreland, 12 Williams Road: **DNSM**: 7061 - Ndumu Police Station (2654S 3215E): **NM**: 567 - Pinetown (2948S 3051E): **DNSM**: 5340.

Zambia:

Pwira Pan (1354S 2751E): **NHMZ**: 22677, 22807.

Zimbabwe:

Rukameshi River on SN Game Fence (1542S 2923E): **TM**: 45058 - Sengwa Wildlife Research Station (1810S 2813E): **TM**: 34978.

Chaerephon pumilus (Cretzschmar, 1826)**"Africa":**

: **TM**: 2396 - Mootshane: **DNSM**: 6232.

Botswana:

Tsotsoroga Pan (18 44 S 24 21 E): **TM**: 6554 (Type *Chaerephon (Lophomops) langi*).

Cameroon:

Bipindi, Kribi, Bez (0306N 1030E): **ZMB**: T09571, T09572 - Edéa (0348N 1014E): **ZMB**: T10304.

Comoro Islands:

Anjouan island (1215S 4425E): **ZMB**: 4910 - Mayotte [island] (1250S 4510E): **ZMB**: 3491, 3492.

Congo (Democratic Republic of the):

Kikwit (0513S 1849E): **MSB:** ZaAn 1108, ZaAn 1156, ZaAn 1159, ZaAn 1162, ZaAn 1164, ZaAn 1166, ZaAn 1168, ZaAn 1170, ZaAn 1172, ZaAn 1174, ZaAn 1176, ZaAn 1180, ZaAn 1182, ZaAn 1184, ZaAn 1445, ZaAn 1447, ZaAn 1449, ZaAn 1583, ZaAn 1585, ZaAn 1587, ZaAn 1589, ZaAn 1591, ZaAn 1593, ZaAn 1595, ZaAn 1597, ZaAn 1599, ZaAn 1601, ZaAn 1603, ZaAn 1605, ZaAn 1607, ZaAn 1609, ZaAn 1611, ZaAn 1613, ZaAn 1615, ZaAn 1617, ZaAn 1619, ZaAn 1621, ZaAn 1623, ZaAn 1625, ZaAn 1627, ZaAn 1629, ZaAn 1631, ZaAn 1633, ZaAn 1635, ZaAn 1637, ZaAn 1885, ZaAn 2120, ZaAn 2124, ZaAn 2126, ZaAn 2128, ZaAn 2178, ZaAn 2180, ZaAn 2234, ZaAn 2236, ZaAn 2238, ZaAn 2240, ZaAn 2242, ZaAn 2244, ZaAn 2246, ZaAn 2248, ZaAn 2250, ZaAn 2252, ZaAn 2254, ZaAn 2256, ZaAn 2258, ZaAn 2260, ZaAn 2262, ZaAn 2305, ZaAn 2307, ZaAn 2309, ZaAn 2311, ZaAn 2313, ZaAn 2315, ZaAn 2317, ZaAn 2321, ZaAn 2323, ZaAn 2325, ZaAn 2397, ZaAn 2468, ZaAn 2471, ZaAn 2474, ZaAn 2702, ZaAn 2784, ZaAn 2809, ZaAn 2818, ZaAn 2827, ZaAn 2829, ZaAn 2836, ZaAn 2838, ZaAn 2841, ZaAn 2843, ZaAn 3027, ZaAn 3029, ZaAn 3031, ZaAn 3033, ZaAn 3035, ZaAn 3037, ZaAn 3039, ZaAn 3041, ZaAn 3043, ZaAn 3045, ZaAn 3047, ZaAn 3049; **RMCA:** 97-021-M-0642, 97-021-M-0643, 97-021-M-0644, 97-021-M-0645, 97-021-M-0646, 97-021-M-0648, 97-021-M-0649, 97-021-M-0650, 97-021-M-0651, 97-021-M-0652, 97-021-M-0653, 97-021-M-0654, 97-021-M-0655, 97-021-M-0656, 97-021-M-0657, 97-021-M-0658, 97-021-M-0659, 97-021-M-0660, 97-021-M-0662, 97-021-M-0663, 97-021-M-0664, 97-021-M-0665, 97-021-M-0666, 97-021-M-0667, 97-021-M-0668, 97-021-M-0669, 97-021-M-0670, 97-021-M-0671, 97-021-M-0672, 97-021-M-0673, 97-021-M-0674, 97-021-M-0675, 97-021-M-0676, 97-021-M-0677, 97-021-M-0678, 97-021-M-0679, 97-021-M-0680, 97-021-M-0681, 97-021-M-0682, 97-021-M-0683, 97-021-M-0684, 97-021-M-0685, 97-021-M-0687, 97-021-M-0688, 97-021-M-0689, 97-021-M-0691, 97-021-M-0692, 97-021-M-0693, 97-021-M-0694, 97-021-M-0695, 97-021-M-0696, 97-021-M-0697, 97-021-M-0698, 97-021-M-0699, 97-021-M-0700, 97-021-M-0701, 97-021-M-0702, 97-021-M-0703, 97-021-M-0704, 97-021-M-0705, 97-021-M-0706, 97-021-M-0707, 97-021-M-0708, 97-021-M-0709, 97-021-M-0710, 97-021-M-0711, 97-021-M-0712, 97-021-M-0713, 97-021-M-0714, 97-021-M-0715, 97-021-M-0716, 97-021-M-0717, 97-021-M-0718, 97-021-M-0719, 97-021-M-0720, 97-021-M-0721, 97-021-M-0722, 97-021-M-0723, 97-021-M-0724, 97-021-M-0725, 97-021-M-0726, 97-021-M-0727, 97-021-M-0728, 97-021-M-0729, 97-021-M-0730, 97-021-M-0731, 97-021-M-0732, 97-021-M-0733, 97-021-M-0734, 97-021-M-0735, 97-021-M-0736, 97-021-M-0737, 97-021-M-0738, 97-021-M-0739, 97-021-M-0740, 97-021-M-0741, 97-021-M-0742, 97-021-M-0743, 97-021-M-0744, 97-021-M-0745, 97-021-M-0746 - Wago Forest (0145N 3040E): **RMCA:** 20509 (Type *Tadarida (Chaerephon) fain*).

Equatorial Guinea:

Nkolentangan: **ZMB:** T10455.

Eritrea:

Massaua [=Massawa] (1537N 3926E, 0 m): **ZMB:** 4041, T09764, T09765 - Massawa (1537N 3926E, 0 m): **SMF:** 4311 (Type *Dysopes pumilus*).

Ethiopia:

Abyssinia: **ZMB:** 2793.

Kenya:

Fort Hall (0042S 3470E, 4 000 ft): **BMNH:** 1903.3.2.4 (*Holotype Nyctinomus hindei*) - Kitui (0122S 3801E, 3 500 ft): **ZMB:** 5264 - Mombas [=Mombassa] (0403S 3940E): **ZMB:** 5432 - Patta [=Pate, island] (0206S 4103E): **ZMB:** T10478, T10479.

Madagascar:

Amboasary: **ZMB:** 44567, 44568 - Tampina (1830S 4917E): **ZMB:** 44559.

Malawi:

Chinteche (1150S 3410E): **TM:** 9180.

Mozambique:

Bazaruto Lodge, grounds (213655S 352015E): **TM:** 42019, 42020 - Marine Research Station (260136.84S 325439.24E): **TM:** 12450, 12451, 12452, 12453, 12454, 12455, 12456, 12457, 12458, 12459, 12460, 12461, 12462 - Mozambique Island (ca. 1500S 4042E): **BMNH:** 1907.1.1.704 (*Syntype Dysopes limbatus*) - no specific locality: **ZMB:** 539, 85519, 85520 - Tete, 2 mi E (1610S 3307E): **TM:** 14649, 14650, 14651 - Tete, 2 mi SE (1607S 3337E): **TM:** 14652.

Senegal:

No specific locality: **ZMB:** 5582, T10302.

South Africa:

Albert Falls Public Resort (292640S 302540E): **TM:** 38593 - Baberton (2545S 3102E): **TM:** 42634, 42635, 42636, 42637, 42638 - Baberton (2547S 3103E): **TM:** 42839, 42840, 42841, 42842, 42843, 42844, 42845, 42846, 42847, 42848, 42849, 42850, 42851, 42852, 42853 - Bonamanzi Game Reserve (2806S 3218E): **DNSM:** 4433, 4434, 4436, 4463, 4464, 4465, 4466, 4467, 4468, 4469 - Cape Vidal: **DNSM:** 6019, 6022, 6023 - Cape Vidal (2807S 3232E): **TM:** 40720 - Charter's Creek (2807S 3222E): **TM:** 24472 - Charter's Creek (2812S 3225E): **TM:** 42503, 42611, 42612, 42613 - Doonside: **DNSM:** 7245 - Dukuduku Forest Station (2818S 3213E): **TM:** 40367, 40368, 40369, 40370 - Durban: **DNSM:** 2463, 2468, 3521, 3522, 3523, 3524, 3525, 3526, 3557 - Durban North: **DNSM:** 3546 - Durban, University Campus, Chemistry Dept.: **DNSM:** 5448 - Elim Hospital (239S 3003E): **TM:** 39003 - Emseleni (2737S 3207E): **TM:** 5571, 5572, 5573 - Farm Fleur de Lys 195KU (2437S 3107E): **TM:** 47717 - Farm Leeuwspoor 647, on Pongola river (2725S 3152E): **TM:** 27981 - Farm Leeuwspoor 647, on Pongola Road (2725S 3152E): **TM:** 24974, 24975, 24976, 24977, 24978, 24979, 24980, 24982 - Farm Othawo 242, Sabie Sand Private Nature Reserve (2445S 3126E): **TM:** 24044 - Farm Scrutton 23MT (2218S 3014E): **TM:** 20337, 20338 - Fig Tree Camp (2225S 3111E): **TM:** 36610, 36931 - Fig Tree Forest (222530S 311130E): **TM:** 37119 - Futululu Research Station (2827S 3215E): **TM:** 40084 - Gwalali (2225S 3118E): **TM:** 38846, 38847, 38850 - Hans Merensky Nature Reserve (2340S 3041E): **TM:** 24574, 24575, 24576, 24577, 24578, 24579, 24580, 24581, 24582, 24583, 24584, 24599 - Harold Johnson Nature Reserve (291200S 312536E): **DNSM:** 4471 - Harold Johnson Nature Reserve (291241S 312528E): **DNSM:** 5531, 5532 - Hazelmere Dam (2936S 3101E): **TM:** 39426 - Hells Gate: **DNSM:** 6283, 6284, 6285, 6286, 6287, 6298, 6299, 6300, 6301, 6302 - Hoedspruit (2427S 3102E): **TM:** 43870 - Isipingo, 2 Sykes Road (2959S 3051E): **TM:** 45445, 45446, 45447, 45448, 45449, 45450, 45451, 45452, 45453, 45454, 45455 - Jozini (2722S 3207E): **TM:** 38485 - Kosi Bay estuary (2654S 3252E): **TM:** 25980, 25981, 25982, 25983, 25984, 25985, 25986, 25987, 25989, 25990, 25991 - Letaba Camp, 1 km SE (2351S 3134E): **TM:** 39580 - Letaba Ranch (2343S 3105E): **TM:** 25556, 25557, 25558, 25559 - Letaba Rest Camp, 8 km SE (2354S 3134E): **TM:** 39614, 39615 - Magoesklouf: **TM:** 46008 - Malelane (2527S 3130E): **TM:** 30008, 30009, 30010, 30011, 30012, 30013, 30014, 30015 - Malelane (2528S 3131E): **TM:** 2485, 2486 - Malelane (2529S 3131E): **TM:** 42592, 42593, 42594, 42595, 42596, 42597, 42598, 42599, 42600, 42601, 42602,

42603 - Malelane Estate (2529S 3131E): **TM:** 2488 (*Type Chaerophon pumilus elphicki*) - Manyeleti Game Reserve, Main Camp (2438S 3128E): **TM:** 39231, 40081, 40744 - Manyeleti Game Reserve, Main Camp, Albatros (2432S 3116E): **TM:** 40745 - Messina Nature Reserve (2223S 3002E): **TM:** 44199 - Mission Rock (2816S 3230E): **TM:** 35369 - Mokeetsi (2340S 3005E): **TM:** 8908 - Mooketsi: **TM:** 47155, 47156 - Mountain Lakes Adventure Campsite: **DNSM:** 5104, 5105, 5106, 5107 - Ndumu Game Reserve (2652S 3222E): **TM:** 17038, 17039, 17040, 35230, 35240, 35241, 35242, 35243, 35244, 35245 - Ndumu store (2652S 3222E): **TM:** 7139, 7140, 7141, 7142 - Ngwenya: **TM:** 46051, 46052 - Northern Sewage Works (2952S 31E): **TM:** 36158, 36159, 36160, 36161, 36162, 36163, 36164, 36165, 36166, 36167, 36168, 36169, 36170, 36171, 36172, 36173, 36174, 36175, 36176, 36177, 36178, 36179, 36180, 36181, 36183, 36184, 36185, 36186, 36187, 36188, 36189, 36190, 36191 - Nyalazi Forest (2812S 3222E): **TM:** 42508, 42604, 42605, 42606, 42607, 42608, 42610 - old bridge over Nwanedzi River (2424S 3150E): **TM:** 39623 - Old Picnic Site (222530S 3118E): **TM:** 36509, 36510, 36511, 36512, 37072, 39508 - Olifants Camp, 7 km W (2401S 3139E): **TM:** 39596, 39597 - Oribi Gorge Nature Reserve (3043S 3016E): **TM:** 30697, 33362, 33363, 33364, 33365 - Pafuri (2225S 3115E): **TM:** 38284, 38286 - Pietermaritzburg (2937S 3022E): **DNSM:** 6862 - Pongola Biosphere Reserve, Mpalane Lodge: **DNSM:** 7857, 7859 - Pongolapoort Dam (2722S 3152E): **TM:** 43867 - Punda Malia (2241S 3101E): **TM:** 13538, 13539, 29954, 29955, 29956, 29957, 29958, 30580, 30581, 30598, 30609, 30610, 30611, 30612, 30625, 30626, 30627, 30648, 30676 - Punda Milia camp (2241S 3102E): **TM:** 12995, 12996, 12997 - Punda Milia Police post (2241S 3102E): **TM:** 12993, 12994 - Renishaw, 29 Maryland Road (3017S 3045E): **DNSM:** 4298 - Shore Nature Reserve, NE (2722S 3237E): **TM:** 33368, 33369 - Skukuza (2459S 3135E): **TM:** 30067, 30076, 30077, 30078, 36519, 36520, 36521, 36522, 36523, 36524, 36525, 36526, 36527, 36528, 36529, 36530 - Skukuza lab buildings (2459S 3135E): **TM:** 36477, 36478, 36479, 36480, 36481, 36482, 36483, 36484, 36485, 36486, 36489, 36490, 36491, 36492, 36493, 36494, 36495, 36496, 36497, 36498, 36499, 36587, 36588, 36589, 36590, 36591, 36592, 36593, 36690, 36691, 36692, 36693, 36727, 36728, 36729, 36730, 36731, 36732, 36733, 36734, 36735, 36736, 36822, 36823, 36824, 36825, 36826, 36827, 36828, 36829, 36830, 36831, 36832, 36896, 36897, 36898, 36899, 36900, 36901, 36902, 36903, 37018, 37019, 37020, 37021, 37022, 37023, 37024, 37025, 37026, 37091, 37092, 37093, 37094, 37095, 37096, 37097, 37098, 37099, 37100, 37101, 37102, 37302, 37303, 37304, 37305, 37306, 37307, 37308, 37309, 37310, 37311, 37481, 37482, 37483, 37484, 37485, 37486, 37487, 37702, 37703, 37705, 37706, 37707, 37708, 37709, 37710, 37711, 37776, 37777, 37778, 37779, 38290, 38291, 38292, 38293, 38294, 38295, 38296, 38297, 38298, 38299, 38300, 38301, 38302 - Skukuza Town (2459S 3135E): **TM:** 37191, 37192, 37193, 37194, 37195, 37196, 37197, 37198, 37199, 37200, 37201, 37202, 37295, 38303, 38304, 38305, 38306, 38307, 38308, 38309, 38310, 38311, 38312, 38313, 38314, 38315, 38316 - Skukuza Village (2459S 3135E): **TM:** 37112, 37113, 37114, 37115, 37116, 37117, 37118 - St. Lucia (2816S 3229E): **TM:** 16536, 38271, 38272 - St. Lucia Village (28S 3230E): **TM:** 38270 - Stoltzneck Ranger's Post (2522S 3122E): **TM:** 30042 - Sudwala Cave (2522S 3042E): **TM:** 41903 - Tembe Elephant Park (270236S 322523E): **DNSM:** 4800, 4801, 4802, 4803 - Tembe Elephant Park (2702S 3225E): **TM:** 45327 - Ten Bosch Estates (2520S 3150E): **TM:** 24884, 24885, 24886, 24887, 24888, 24889, 24890, 24891, 24892, 24893, 24894, 24895, 24896, 24897, 24898, 24899, 24900, 24901, 24902, 24903 - Three Rivers, 11 Spey Drive (2639S 2756E): **TM:** 43868 - Timbavati (2422S 3122E): **TM:** 46448, 46449 - Umdoni Park (3024S 3041E): **TM:** 42630, 42631, 42632, 42633 - Umgeni Hatchery (2935S 3037E): **TM:** 40719 - Venterskroon (265248S 261612E): **TM:** 42686 - Ziqhumene (2811S 3157E): **TM:** 40718.

Swaziland:

Allen's Farm (2633S 3116E): **TM:** 45705 - Big Bend (2647S 3156E): **TM:** 44895 - Franson Christian High (2712S 3124E): **TM:** 45688 - Hlane (2616S 3153E): **TM:** 45311 - Luyengo (2635S 3112E): **TM:** 44893 - Maloma Primary School: **TM:** 45776 - Mkhaya (2637S 3146E): **TM:** 45443 - Mkhuzweni Primary School (2553S 3131E): **TM:** 45686 - Mlawula Nature Reserve (2612S 3201E, 760m): **TM:** 44894 - Ndabasezwe High School (2716S 3146E): **TM:** 45690 - Nkwene High School (2652S 3119E): **TM:** 45691 - Nsoko [=Forbes Ranch]: **TM:** 45779 - Our Lady of Sorrows (2716S 3132E): **TM:** 45689 - Sikhunyana (2602S 3135E): **TM:** 45310 - Sithobela Primary School (2653S 3136E): **TM:** 45685 - St. Florence Mission (2614S 3126E): **TM:** 45687 - St. Joseph's (2627S 3127E): **TM:** 45309 - St. Peregrines (2603S 3127E): **TM:** 45544.

Tanzania:

Amani (0510S 3847E, 1000 m): **ZMB:** T10519, T10520 - Dar-es-Salaam (0648S 3918E): **ZMB:** 12124, 53863 - Lindi (1000S 3943E): **ZMB:** 9238 - Makullo [=Makulo] (0409S 3445E): **ZMB:** 3150 - Mfulu (0319S 3649E): **ZMB:** T10499 - Pangani river (0930S 3527E): **ZMB:** T10292 - Rondo Flat [forest] (1007S 3914E): **UIA:** ABOS-50, ABOS-57 - Ruangwa (1004S 3857E): **UIA:** ABOS-94 - Tanga (0504S 3906E): **ZMB:** 10109, 10110 - Ujiji (0454S 2941E): **ZMB:** 10097, 10098 - Zanzibar (0610S 3912E): **ZMB:** 3259, 3490, T09285, T09626.

The Gambia:

no specific locality: **BMNH:** 1889.10.7.3 (*Type Nyctinomus gambianus*).

Zimbabwe:

Sentinal Ranch (221010S 293020E): **TM:** 41617.

Chaerophon russatus J.A. Allen, 1917

Congo (Democratic Republic of the):

Medje (0225N 2718E): **AMNH:** 48925.

Chaerophon tomensis (Juste and Ibáñez, 1993)

São Tomé and Príncipe:

Praia das Conchas (0024N 0637E): **EBD:** 18256.

Mops Lesson, 1842

South Africa:

Chartwell: **TM:** 47706 - Drakensig, 5 Lark Crescent: **TM:** 47704, 47705 - Pongola River Bridge: **DNSM:** 6169.

Mops (Mops) condylurus (A. Smith, 1833)

Angola:

no specific locality: **ZMB:** 4904.

Cameroon:

Tibati (0625N 1232E): **RMCA:** 73-018-M-0234, 73-018-M-0235.

Congo (Democratic Republic of the):

Kikwit (0513S 1849E): **MSB:** ZaAn 1721, ZaAn 1723, ZaAn 1725, ZaAn 1727, ZaAn 1729; **RMCA:** 97-021-M-0811, 97-021-M-0812, 97-021-M-0813, 97-021-M-0814 - Kinshasa, near Leopoldville (0418S 1518E): **AMNH:** 49230 (**Type Mops (Allomops) osborni:**) - Luluabourg: **BMNH:** 1926.7.6.107.

Ethiopia:

Abyssinia: **ZMB:** 5587.

Gabon:

no specific locality: **ZMB:** 7032.

Guinea-Bissau:

Mansoa (1204N 1519W): **RMCA:** 15307 (**Type Mops osborni occidentalis**), 15308 (**Type Mops osborni occidentalis**), 15309 (**Type Mops osborni occidentalis**) - Mansoa [1204N 1519W] or Pitche [12 20 N 13 57 W]: **NMBE:** 5270 (**Syntype Mops osborni occidentalis f. fulva**) - Mansoa [1204N 1519W], Contubo-el [1222N 1434W] or Pitche [1220N 1357W]: **NMBE:** 5268 (**Syntype Mops osborni occidentalis**), 5269 (**Syntype Mops osborni occidentalis**).

Malawi:

Chinteche (1150S 3410E): **TM:** 9174, 9175, 9176, 9177, 9178, 9179 - Kota-Kota (1234Cd): **NHMZ:** 22816, 22835, 22836, 22837, 22838, 22839, 22840.

Mozambique:

Bazaruto Lodge: **DNSM:** 5940, 5941 - Marine Research Station (260136.84S 325439.24E): **TM:** 12449 - Tete, 2 mi E (1610S 3307E): **TM:** 14612, 14613, 14614, 14615, 14616, 14617, 14618, 14619, 14620, 14621, 14622, 14623, 14624, 14625, 14626, 14627, 14628, 14629, 14630, 14642 - Tete, 2 mi SE (1607S 3337E): **TM:** 14631, 14632, 14633, 14634, 14635, 14636, 14640, 14641, 14643, 14644, 14645, 14646, 14647, 14648.

South Africa:

Anthrax camp (222530S 311230E): **TM:** 34348, 34349 - Bobomene Research Camp (2225S 3111E): **TM:** 41998 - Bonamanzi Game Reserve (2806S 3218E): **DNSM:** 4432 - bridge at Kruger Gate (2459S 3129E): **TM:** 39743, 39744, 39745, 39746, 39747, 39748, 39749, 39750, 39751, 39752, 39753, 39754, 39755, 39801, 39802, 39803, 39804, 39805, 39806, 39807, 39808, 39809, 39810, 39811, 39812, 39999, 40001, 40002, 40003, 40004, 40005, 40006, 40007, 40008, 40009, 40010, 40011, 40012, 40013, 40041, 40042, 40043, 40044, 40045, 40046, 40047, 40048, 40049, 40056, 40057, 40058, 40222, 40223, 40224, 40225, 40226, 40227, 40228, 40252, 40253, 40254, 40255, 40256, 40257, 40303, 40304, 40305, 40306, 40307, 40308, 40309, 40310, 40472, 40473, 40474, 40475, 40476, 40477, 40478, 40479, 40480, 40481, 40482, 40483, 40484, 40485, 40486, 40641, 40642, 40643, 40644, 40645, 40646, 40647, 40648, 40682, 40683, 40684, 40685, 40800, 40801, 40802, 40803, 40804, 40805, 40806, 40807, 40808, 40809, 40810, 40811, 40812, 40813 - Cape Vidal (2807S 3232E): **TM:** 35368, 35370, 35371, 35372, 35373, 35374, 35375, 35376, 35377, 35378, 35379, 35380, 35381, 35382, 35383 - Crocodile Bridge Rest Camp (2521S 3154E): **TM:** 29986, 29987, 29998, 29999, 30000, 30001, 30002, 30003, 30004, 30005, 30006, 30007 - Dukuduku Forest Station (2818S 3213E): **TM:** 40353 - Farm Tenbosch 112JU (252235.15S 315521.36E): **TM:** 47735 - Farm Thankerton 175JU (252621.23S 313926.64E): **TM:** 47734 - Fig Tree Camp (2225S 3111E): **TM:** 36868 - Gezantombi waterhole (2520S 3152E): **TM:** 34539 - Gwalali Army Camp (2225S 3117E): **TM:** 36880, 36881, 36882 - Komatipoort (2526S 3157E): **TM:** 47152, 47153, 47154 - Kosi Lake, Department of Health camp (2657S 3249E): **TM:** 40453, 40454 - Lake Sibaya Reserve Station (2722S 3237E): **TM:** 25718, 25719, 25720, 25721, 25722, 25723, 25724, 25725, 25726, 25727, 25728, 25729, 25730, 25731, 25732, 25733, 25734, 25735, 25736, 25737, 25738, 25739 - Letaba Camp, 1 km SE (2351S 3134E): **TM:** 39583, 39587 - Letaba Rest Camp (2351S 3134E): **TM:** 39589, 39590, 39591, 39592 - Madlangula (2654S 3252E): **TM:** 33446 - Malelane (2527S 3130E): **TM:** 30016 - Manzengwenya Forest Station (2722S 3237E): **TM:** 45231, 45232, 45233, 45234, 45235, 45236 - Mission Rocks Outpost (2816S 3229E): **TM:** 33359, 33360, 33361 - Mpila Trails Store (2819S 3151E): **TM:** 40721 - Ndumu Game Reserve (2652S 3222E): **TM:** 35191, 35192, 35193, 35194, 35195, 35196, 35197, 35198, 35199, 35200, 35202, 35203, 35204, 35205, 35206, 35212, 35221, 35222, 35223, 35224, 35225, 35226, 35227, 35228, 35239 - Ndumu store (2652S 3222E): **TM:** 7143, 7144, 7145, 7146, 7147, 7148, 7149, 7150, 7151, 7152, 7153, 7154 - Ngome Forest Reserve (275000S 312445E): **TM:** 39139, 39140 - Nwanedzi Camp, dam 1 km NNW (2427S 3158E): **TM:** 39644 - Nyalazi Forest (2812S 3222E): **TM:** 42614, 42615 - Olifants Camp, 7 km W (2401S 3139E): **TM:** 39595 - Pongola Biosphere Reserve, Mpalane Lodge: **DNSM:** 6173, 7856 - Pongola River Bridge: **DNSM:** 6170, 6171, 6172, 6174, 7251, 7252, 7253, 7254, 7255, 7256, 7257, 7258, 7259, 7260, 7262, 7263 - Satara Rest Camp (2424S 3146E): **TM:** 39659, 39660, 39661, 39662, 39663, 39664, 39665, 39666, 39667, 39668 - Skukuza (2459S 3135E): **TM:** 30062, 30065, 30066, 36500, 36501, 36502, 36503, 36504, 36505, 36506, 36507, 36508, 42078, 42079, 42080, 42081, 42082, 42083, 42493, 42494, 42495 - Skukuza lab buildings (2459S 3135E): **TM:** 42077 - Skukuza Township (2459S 3136E): **TM:** 40209 - Skukuza Village (2459S 3135E): **TM:** 40210, 40211, 40212, 40213, 40214, 40215, 40216, 40258, 40259, 40260, 40261, 40262, 40263, 40264, 40265, 40266, 40267, 40268, 40269, 40270 - St. Lucia (2816S 3229E): **TM:** 38268 - St. Lucia Lake, eastern shores (2816S 3223E): **TM:** 37874 - St. Lucia Village (2823S 3224E): **TM:** 40435, 40436, 40437 - Staff Picnic site (245830S 3140E): **TM:** 42490, 42491, 42492 - Wardens house, attic (2747S 3212E): **TM:** 35261, 35262, 35263, 35264, 35265, 35271, 35272.

Swaziland:

Bar Circle Ranches (2641S 3153E): **TM:** 45541 - Mbutfu Primary School: **TM:** 45702 - Mlawula Nature Reserve (2612S 3201E, 760m): **TM:** 44892 - Nsoko [=Forbes Ranch]: **TM:** 45777, 45780 - Ranches LTD (2602S 3142E): **TM:** 8378, 8379, 8381, 8384, 8385, 8386, 8387, 8388, 8389 - St. Florence Mission (2614S 3126E): **TM:** 45684.

Tanzania:

Bagamoyo (0626S 3855E, 0 m): **ZMB:** T09401 - Dar-es-Salaam (0648S 3918E): **ZMB:** 53851, 53852 - Kitaya (300 ft): **MCZ:** 38826 (**Paratype Mops angolensis orientis**), 38827 (**Paratype Mops angolensis orientis**), 38828 (**Paratype Mops angolensis orientis**), 38829 (**Holotype Mops angolensis orientis**), 38830 (**Paratype Mops angolensis orientis**), 38831 (**Paratype Mops angolensis orientis**), 38832 (**Paratype Mops angolensis orientis**), 38833 (**Paratype Mops angolensis orientis**), 38834 (**Paratype Mops angolensis orientis**), 38835 (**Paratype Mops angolensis orientis**) - Wembere river (0410S 3411E): **ZMB:** T09623.

Uganda:

Entebbe (0004N 3228E): **ZMB:** T09681.

Zambia:

Lochinvar Ranch (1527Cc): **NHMZ**: 22756.

Zimbabwe:

(2131Ba): **NHMZ**: 57469 - Chipinda Pools (2131Bd): **NHMZ**: 57470, 62454 - Chiredzi (2131Ba): **NHMZ**: 59857 - Gatshe Gatshe Bay (1652S 2852E): **NHMZ**: 31754 - Manyima River (1630Ab): **NHMZ**: 30066, 30309, 30310, 30311, 30312, 30313, 30314, 30315, 30316, 30317, 30318, 30319, 30320, 30321, 30322 - Matusadona (1628Dc): **NHMZ**: 58465 - Muzarabani Clinic (1630Bd): **NHMZ**: 29742, 29743, 29745, 29746, 29747, 29748, 29749, 29751, 29752, 29753, 29754 - Nyanyana campsite: **TM**: 41874.

Mops (Mops) conigicus J.A. Allen, 1917

Congo (Democratic Republic of the):

Medje (0225N 2718E): **AMNH**: 48893.

Mops (Mops) demonstrator (Thomas, 1903)

Congo (Democratic Republic of the):

Faradje (0344N 2943E): **AMNH**: 49222.

Sudan:

Mongalla: **BMNH**: 1902.7.4.3 (Type *Nyctinomus demonstrator*).

Mops (Mops) leucostigma (G.M. Allen, 1918)

Madagascar:

Antanarivo [= Tananarive]: **MCZ**: 16345 - Tananarive: **MCZ**: 16344 (Holotype *Chaerephon leucostigma*).

Mops (Mops) midas (Sundevall, 1843)

"Africa":

: **BMNH**: 1950.174, 1950.175, 1950.176, 1950.177, 1950.178, 1950.179, 1950.180, 1950.181.

Botswana:

Maun (1959S 2325E): **SMF**: 45024.

Madagascar:

Miari [probably Miary, near Tuléar]: **MNH**: 29 (Type *Nyctinomus miarensis*).

Malawi:

Chiromo (ca. 1632S 3509E, 200ft): **BMNH**: 1922.12.17.89, 1922.12.17.90, 1922.12.17.91, 1922.12.17.92.

Namibia:

Dumushe water: **TM**: 36513, 36514, 36515, 36516, 36517, 36518.

South Africa:

Farm Regina 68 [=V.L.N.R.] (222248S 291612E): **TM**: 45395, 45396, 45397, 45398, 45399, 45400, 45401, 45402, 45403, 45404, 45405, 45406, 45407, 45408, 45409, 45410, 45411, 45412, 45413, 45414 - Farm Scrutton 23 (2217S 3017E): **TM**: 20331, 20332, 20333, 20334, 20335, 20336 - Figtree camp (222550S 311150E): **TM**: 36613 - Gwalali Army camp (2224S 3117E): **TM**: 36873, 36874, 36875, 36876, 36877, 36885, 36886, 36978, 38277, 38844, 38845, 38848, 38849 - Klaserie Private Nature Reserve (2414S 3113E): **TM**: 45507 - Langjan Provincial Nature Reserve (224948S 291200E): **TM**: 41302 - Old picnic site (2225S 3118E): **TM**: 39500 - Picnic site (2225S 3115E): **TM**: 41729 - Punda Milia Camp (2241S 3102E): **TM**: 30582, 30583 - Waterberg, Farm Klipfontein 54JS (2408S 2808E): **TM**: 39421.

Sudan:

Jebel el Funj (ca. 1145N 3330E): **BMNH**: 1846.6.2.20 (Cotype *Dysopes midas*) - Khartoum, University Campus: **SMF**: 78166 - Sennar [=Sennaar] (1535N 3338E, 425 m): **ZMB**: 535 - Wad Medani (1424N 3330E): **BMNH**: 1948.327.

Unknown Country:

: **BMNH**: 1952.1452, 1952.1453.

Zimbabwe:

Ada Estates (1631Ac): **NHMZ**: 29760, 29767, 29769, 29770 - Chikwarakwara (2231Ac): **NHMZ**: 59871, 59872, 59873, 59874, 59875, 59876, 59877, 59878, 59879, 59880, 59881, 59882, 59883 - Muzarabani Clinic (1630Bd): **NHMZ**: 29733, 29737, 29738, 29739, 29740, 29741 - Nyamandhlovu (1928Cc): **NHMZ**: 31346, 31522, 31523, 31524, 31525, 31526, 31527, 31528 - Sentinel Ranch (221010S 293020E): **NHMZ**: 30860 - Shashe (2229Ab): **NHMZ**: 59303.

Mops (Mops) niangarae J.A. Allen, 1917

Congo (Democratic Republic of the):

Niagara (0345N 2752E): **AMNH**: 48901.

Mops (Mops) niveiventer Cabrera and Ruxton, 1926

Congo (Democratic Republic of the):

Kikwit (0513S 1849E): **MSB**: ZaAn 1980, ZaAn 1982; **RMCA**: 97-021-M-0823 - Luluabourg: **BMNH**: 1926.7.6.104, 1926.7.6.106 - St Joseph de Luluabourg mission [=Kananga] (0601S 2218E): **BMNH**: 1926.7.6.109 (Type *Mops angolensis niveiventer*).

Rwanda:

Butare (0234S 2943E): **RMCA**: 18643, 18991, 23171, 31045, 31046, 31060, 31062, 31069, 31070.

Zambia:

Chitau: **AMNH**: 85525 - Fort Jameson (1338S 3239E): **NHMZ**: 20045, 20148, 20151 - Kalichero (1330S 3227E): **NHMZ**: 20031, 20032, 20033, 22858 - Luanshya, 6 mi S (1328Ab): **HZM**: 29.2290, 30.2291, 31.2292; **NZM**: 33.2294 - Missale Customs Post (1404S 3300E): **NHMZ**: 20110 - Mwinilunga: **AMNH**: 89179 - Solwezi (1211S 2624E): **HZM**: 40.2306, 43.2310, 44.2311, 45.2312; **NHMZ**: 2493, 3209, 3212, 3213.

Mops (Mops) trevori J.A. Allen, 1917**Congo (Democratic Republic of the):**Faradje (0344N 2943E): **AMNH**: 49250.*Mops (Xiphonycteris) brachypterus* (Peters, 1852)**Cameroon:**Bitye (0313N 1222E): **ZMB**: 33460.**Congo (Democratic Republic of the):**Medje (0225N 2718E): **AMNH**: 48821 (Type *Nyctinomus ochraceus*).**Mozambique:**Mozambique Island (ca. 1500S 4042E): **ZMB**: 536.**Sierra Leone:**no specific locality: **BMNH**: 1862.12.23.3 (Holotype *Nyctinomus leonis*).**Tanzania:**Malindi (0437S 3818E): **ZMB**: 5553 - Mojonni [=Muyuni] (0620S 3925E): **ZMB**: 11409, 11416, 11417.*Mops (Xiphonycteris) nanulus* J.A. Allen, 1917**Cameroon:**Indian Estates: **BMNH**: 1968.912, 1968.913.**Congo (Democratic Republic of the):**Beno (0342S 1746E): **RMCA**: 19838, 19839, 19841, 19842, 19844, 19845 - Kikwit (0513S 1849E): **MSB**: ZaAn 2874, ZaAn 2877, ZaAn 2879, ZaAn 2881, ZaAn 2883, ZaAn 2885; **RMCA**: 97-021-M-0817, 97-021-M-0818, 97-021-M-0819, 97-021-M-0820, 97-021-M-0821, 97-021-M-0822, 97-021-M-0850 - Luluabourg (0553S 2226E): **BMNH**: 1926.11.1.38, 1926.11.1.39, 1926.11.1.41, 1926.11.1.42, 1926.11.1.43, 1927.12.21.19, 1927.5.9.1, 1927.5.9.2; **RMCA**: 1954a - Niangara (0345N 2752E): **AMNH**: 48864 (Type *Mops (Allomops) nanulus*) - Panga (0152N 2643E): **RMCA**: 9133, 9142, 9143.**Ghana:**Oda (0555N 0056W): **BMNH**: 1946.242.**Kenya:**Wei Wei River (0128N 3531E): **BMNH**: 1968.483.**Nigeria:**Ikotmbo (0503N 0819E): **BMNH**: 1948.718, 1948.719 - Ikotmbo (0503N 1819E): **BMNH**: 1939.318 (Type *Mops calabarensis*).*Mops (Xiphonycteris) spurrelli* (Dollman, 1911)**Congo (Democratic Republic of the):**Butembo (0009N 2918E): **RMCA**: 27868, 27869, 27870, 27871, 27872, 27873, 27874, 27875, 27876 - Panga (0152N 2643E): **RMCA**: 9132, 9134, 9135.**Ghana:**Achimota (0537N 0014W): **BMNH**: 1953.556 - Bibianaha (0628N 0220W): **BMNH**: 1911.6.2.30 - Bibianaha [=Bibiani] (0628N 0220W): **BMNH**: 1911.1.11.1 (Type *Xiphonycteris spurrelli*).**Togo:**Adina: **RMCA**: coll:V1324, coll:V1381, coll:V1453, coll:V1454.*Mops (Xiphonycteris) thersites* (Thomas, 1903)**Cameroon:**Aimako: **RMCA**: 77-032-M-0200 - Bipindi, Kribi, Bez (0306N 1030E): **ZMB**: T10542 - Efulen (0247N 1032E): **BMNH**: 1904.2.8.4 (Holotype *Nyctinomus thersites*).**Congo (Democratic Republic of the):**Avakubi (0118N 2735E): **AMNH**: 48851 (Type *Mops (Allomops) occipitalis*) - Kikwit (0513S 1849E): **RMCA**: 97-021-M-0824.*Mormopterus acetabulosus* (Hermann, 1804)**Mauritius:**Mauritius: **ZMB**: 3569, 3570 - no specific locality: **ZMB**: 15041, 5222.**Réunion:**Bourbon [=Réunion]: **ZMB**: 3081, 3082 - Réunion: **ZMB**: 3253.*Mormopterus jugularis* (Peters, 1865)**Madagascar:**Betsileo: **ZMB**: 6011 - Tananarivo [=Antananarivo] (1855S 4731E, 1300 m): **ZMB**: 2977.*Myopterus daubentonii* Desmarest, 1820**Congo (Democratic Republic of the):**Uele River: **BMNH**: 1919.5.9.1.

Myopterus whiteleyi (Scharff, 1900)**Central African Republic:**

Ngotto forest (0355N 1703E): **Rennes**: BA0312.

Congo (Democratic Republic of the):

Kikwit (0513S 1849E): **MSB**: ZaAn 2871; **RMCA**: 97-021-M-0825 - unknown locality: **TM**: 9766.

Otomops madagascariensis Dorst, 1953

Madagascar:

Namoroka, Réserve Naturelle: **MNH**: CG 1953-1.

Otomops martiensseni (Matschie, 1897)

Congo (Democratic Republic of the):

Garamba park (0411N 3000E): **KBIN**: 13827 - Mbuye-Bala affluent de la Muye: **KBIN**: 10704.

Rwanda:

Kigali (0157S 3004E): **RMCA**: 12166.

South Africa:

: **DNSM**: 5392 - Durban (2950S 3055E): **TM**: 42521 - Hillary area, probably: **DNSM**: 5935 - Westville (2950S 3055E): **TM**: 42516, 42520, 42522, 42524, 42525, 42526, 42527 - Westville (ca. 2949S 3057E): **TM**: 38863, 38864, 38865, 38866, 38867, 38868, 38869, 38870, 38871, 38872, 38873, 38874, 42514, 42515, 42519, 42523.

Tanzania:

Magrotto mountains (ca. 0507S 3845E): **ZMB**: 97523.

Platymops setiger (Peters, 1878)

Ethiopia:

Addis Ababa and Lake Rudolf, between: **BMNH**: 1906.11.1.10 - Mui (0550N 3545E, 700 m): **BMNH**: 1972.4470.

Kenya:

Garibete Water Hole (0323.5S 3916E): **SMF**: 46558 - Kambiti W.H.: **BMNH**: 1975.2807, 1975.2808 - Kiboko (0212S 3743E): **SMF**: 46557 - Lualeni Borehole (0325S 3810E): **BMNH**: 1959.524 (*Type Platymops barbatogularis parkeri*) - Ndi (0314S 3830E, 2000 m): **ZMB**: 5265 - Sultan Hamud (0202S 3723E): **BMNH**: 1975.2656; **SMF**: 46556.

Sudan:

Lokomanyang [=Lokomarinyang] Marsh (0502N 3533E): **BMNH**: 1957.258 (*Paratype Platymops barbatogularis*) - Lokomarinyang Marsh (0502N 3533E): **BMNH**: 1967.1232 (*Type Platymops barbatogularis*).

Sauromys petrophilus (Roberts, 1917)

Botswana:

Tuli Block, Gesond Ltd (ca. 2320S 2715E): **TM**: 14074, 14081, 14082, 14083, 14094.

Mozambique:

Aldeia Chiuta [= Chiuta, Chuta] (153344S 331723E, 700m): **TM**: 14709, 14710, 14711, 14712.

Namibia:

: **SAMC**: 5451; **TM**: 42533, 42660, 43093 - Aus, 1 km W (2640S 1616E): **TM**: 34324 - Farm Kanaän (2552S 1607E): **TM**: 2719, 27419 - Farm Klein Aus 8 (2639S 1613E): **TM**: 37537 - Farm Zwartmodder 101 (2454S 1617E): **TM**: 37568, 37569, 37570, 37571, 37589, 37590, 37591, 37592, 37593, 37594, 37595, 37596, 37597, 37598, 37599, 37600, 37601, 37614, 37616, 37617, 37618, 37619, 37620 - Ganab water hole (2307S 1532E): **TM**: 28890, 28891, 28894, 28895 - Keetmanshoop district [= Damaraland]: **TM**: X472 - Namibia Desert Research Station [= DERU] (2333S 1503E): **BMNH**: 1973.522; **TM**: 27594, 27595, 27596, 27597, 27598, 27599, 27600, 27601, 27602, 27603 - Okahandja (2159S 1658E): **SMF**: 15447 - Ombu (2140S 1544E): **TM**: 16389, 16390, 16391, 16392, 16393, 16394, 16395, 16396, 16397, 42781, 42782, 42783, 42784, 42785, 42786, 42787, 42788, 42789, 42790, 42791, 42792, 42793, 42795, 42837, 8494, 9494, 9495, 9496, 9497, 9497a, 9498, 9499, 9500, 9501, 9502, 9503, 9504, 9505, 9506, 9507, 9508, 9511, 9512, 9570 - Otjosongombe (1600 m): **BMNH**: 1935.1.6.57 - Rosh Pinah (2758S 1646E): **TM**: 32664, 32665, 32666, 32667, 32668.

South Africa:

: **MMK**: 7119; **NHMZ**: 64179, 64202; **TM**: 14599, 14600, 14602, 14603, 14610, 42504, 42534, 42718, 42798, 43068, 43069, 43094, 46436 - 4 km E Musina [=Messina] (2221S 3003E): **TM**: 33473 - 40 km N Polokwane [=Pietersburg], on Louis Trichard Road (2336S 2940E): **TM**: 24277, 24278, 24279, 24280, 25607, 25608, 25609, 25611, 25612 - 46 km N Polokwane [=Pietersburg], on Louis Trichard Road (2336S 2940E): **TM**: 25409 - Augrabies Falls National Park (2835S 2020E): **TM**: 16979, 27465 - Bleskop (2535S 2726E): **TM**: X835 - Brits (2540S 2746E): **TM**: 28495 - Cederberg, Algeria State Forest, campsite (3221S 1903E): **TM**: 28297, 28298, 28299, 28300, 28302, 28303, 28317, 28318, 28319, 28341, 28344, 28362, 35106, 35107, 35108, 35141, 35142, 35151, 35154, 35155, 35156, 35157, 35158, 38406, 38407, 38408, 38409, 38410, 38433, 40603, 40604, 40606, 40616 - Cederberg, Pakhuis Pass, Kliphuis camp site (320810.248S 190010.08E): **TM**: 47570, 47571, 47572, 47573 - Farm Greefswald 37 [=Mapungubwe], Shashi-Limpopo confluence (2213S 2922E): **TM**: 41418, 41419, 41420 - Farm Hilda [=V.L.NR.] (2229S 2913E): **TM**: 45372, 45373, 45380 - Farm Mooiplaas 94 (2445S 2624E): **TM**: 20486 - Farm Nydas [=Cnydas] (2819S 2034E): **TM**: 32487, 32488, 32489, 32490, 32491, 32492, 32493, 32494, 32495, 32496, 32497, 32520, 32521, 32522, 32523, 32524, 32525, 325254 - Farm Urk 10, Blouberg Private Nature Reserve (2302S 2907E): **TM**: 24081, 24103 - Hartbeespoort dam (2545S 2751E): **TM**: 13124 - Hester Malan Nature Reserve (2939S 1759E): **TM**: 34156 - Madimbo Military area (2218S 3052E): **TM**: 44492 - Mitchells Pass (3322S 1920E): **TM**: 8968, 8969 - Pilanesberg National Park (2508S 2708E): **TM**: 39011, 39012 - Pongola River Bridge: **DNSM**: 7261 - Port St. Johns (3138S 2933E): **SAMC**: 5449 - Queen Elizabeth Park (2937S 3023E): **DNSM**: 2449 - Riemvasmaak (2827S 2019E): **MMK**: 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234 - Rosslyn (2538S 2806E): **TM**: 788 - Xhubuxnap (2828S 2007E): **MMK**: 2235, 2236, 2237, 2238.

Zimbabwe:

Doddieburn: **BMNH**: 1961.1089 - Rhodes Matopos National Park (2023S 2829E): **TM**: 35029, 35030, 35031, 35032 - Rhodes Matopos National Park (2038S 2838E): **DNSM**: 3693 - Sailsburg: **SAMC**: 3006 - Sentinal Ranch (2210S 2930E): **TM**: 41615.

Tadarida aegyptiaca (E. Geoffroy St.-Hilaire, 1818)

"Africa":

Lobatsi, Korngwe Nature Reserve: **TM**: 12473.

Botswana:

Kaoye: **TM**: 12472 - unknown locality (2139S, 1543E): **TM**: 12471.

Cameroon:

Jauro Masali (0620N 0325E, 1300 m): **SMNS**: 41345, 41346; **ZFMK**: 88.101, 88.102.

Egypt:

Al Bahr Al Ahmar (2606N 3417E): **ZMB**: 5211 - Giza [=Gizeh]: Restricted from "Egypt" to Giza (3001N 3113E): **MNHN**: A.467 (*Type Nyctinomus aegyptiacus*).

Mozambique:

: **TM**: 2833 - Aldeia Chiuta [= Chiuta, Chuta] (153344S 331723E, 700m): **TM**: 14705, 14706, 14707, 14708 - Moebase: **TM**: 45950.

Namibia:

: **MMK**: 2242, 2263, 2352, 2355, 2362; **TM**: 42976, 43020, 43074, 43097 - Farm Huns 106 (2723S 1723E): **TM**: 32691, 32692 - Farm Klein Aus 8 (2639S 1613E): **TM**: 37536, 37538, 37556, 37557, 37558, 37559 - Farm Rheinvels (2657S 1726E): **TM**: 32549, 32550, 32551, 32552, 32568 - Farm Zwartmodder 101 (2454S 1617E): **TM**: 37572, 37572A, 37573, 37574, 37575, 37576, 37577, 375778, 37578, 37579, 37580, 37581, 37602, 37603, 37604, 37605, 37621, 37622, 37623 - Ombu (2140S 1544E): **TM**: 16388, 16398, 16399, 9513, 9515, 9516, 9517 - Rosh Pinah (2758S 1646E): **TM**: 32669, 32670, 32671, 32672, 32673, 32674, 32675, 32676, 32677, 32678, 32679, 32680.

South Africa:

: **MMK**: 2262; **TM**: 42658, 42666, 42818, 42820, 43079, 43080, 43084, 43085, 45616 - (2445S 3125E): **TM**: 17291, 17292 - 40 km N Polokwane [=Pietersburg], on Louis Trichard Road (2336S 2940E): **TM**: 25604, 25610 - Addington: **DNSM**: 607 - Albert Falls Nature Reserve (2928S 3023E): **DNSM**: 6009 - Albert Falls Nature Reserve, Chalet 1 (2928S 3023E): **DNSM**: 6753 - Anthrax camp (2225S 3112E): **TM**: 36807, 36808, 36852, 36853, 36854 - Augrabies Falls National Park (2835S 2020E): **TM**: 27464 - Barkly East (3127Ab): **NMB**: 4589 - Benghensdorp: **TM**: 4573 - Bethlehem (2828Ba): **NMB**: 2984, 2985, 2986 - Bloemfontein (2926Aa): **NMB**: 1657, 6291, 6292, 6293, 6294, 6296, 6297, 6300, 6301, 6304, 6305, 6306, 6307, 6308, 6309, 6310, 6311, 6312, 6313, 6314, 6315, 6316, 6317, 6318, 6319, 6320, 6321, 7880 - Boshof (2825Aa): **NMB**: 7879 - Boshof (2825Cb): **NMB**: 6322 - Brakkloof (3322S 2637E): **TM**: 42538 - Brooklyn (254500S 281348E): **TM**: 4667, 4668 - Bullfontein (2825Bd): **NMB**: 3023 - Burgersdorp: **TM**: 4574 - Cederberg, Algeria State Forest, campsite (3221S 1903E): **TM**: 28340, 28342, 28343, 28361, 35051, 35083, 35086, 35122, 35153, 35171, 35173, 38429, 38430, 38431, 38432, 40605, 40617, 40618, 40619, 40620, 40621, 40622 - Cederberg, Pakhuis Pass, Kliphuis camp site (320810.248S 190010.08E): **TM**: 47569 - Clarens (ca. 2837S 2837E): **DNSM**: 6347 - Clocolan [Excelsior] (2827Cd): **NMB**: 7565, 7566, 7567, 7568, 7569, 7570, 7571, 7572, 7573, 7574, 7575, 7576 - Craigadam (2730S 3121E): **TM**: 31729 - Danielskuil: **MMK**: 2323, 2327 - Diepwalle State Forest (3357S 2310E): **TM**: 32274, 32275, 32276, 32277 - Doornkraal Camp Site (2731S 3122E): **DNSM**: 5999 - Dordrecht (3126Bd): **NMB**: 5077, 5128 - Durban: **DNSM**: 5689, 6368 - Durban, University Campus: **DNSM**: 7241 - Durban, University of Natal campus: **DNSM**: 4710 - Edenburg (2925Db): **NMB**: 3003, 3004, 3005 - Elim hospital (2309S 3003E): **TM**: 39002 - Eshowe (2853S 3128E): **TM**: 7384, 7385, 7451 - Eshowe, 8 Residency Road: **DNSM**: 7078 - Farm Enkeldoornspoor 207 (2518S 2840E): **TM**: 24959 - Farm Groothoek 99 (242100S 290748E): **TM**: 23402 - Farm Hilda [=V.L.N.R.] (2229S 2913E): **TM**: 45370, 45371, 45377, 45378, 45379 - Farm Keikamspoort 71 (2950S 2247E): **TM**: 27273, 27274 - Farm Mooiplaas 94 (2445S 2624E): **TM**: 20478 - Farm Nootgedacht 508 (265512S 271012E): **TM**: 44959 - Farm Nydas [=Cnydas] (2819S 2034E): **TM**: 32541 - Farm Olivewood 284 (2710S 2249E): **TM**: 41532, 41533, 41534, 41535 - Farm Oograbies West 153: **TM**: 39334 - Farm Othawo 242, Sabie Sand Private Nature Reserve (2445S 3126E): **TM**: 24958 - Farm Ratsegai 204 (2622S 2632E): **TM**: 29777 - Farm Regina 68 [=V.L.N.R.] (222248S 291612E): **TM**: 45382, 45415, 45416 - Farm Rhenosterspruit 59JQ: **TM**: 35440, 35442 - Farm River 141 MS: **TM**: 35441 - Farm Rykvoorby 96 (2528S 2603E): **TM**: 20529, 20530, 20531 - Farm Sterkspruit 33JT, Lydenburg Fisheries (250650S 302850E): **TM**: 47157 - Farm Tygerskloof (2441S 2713E): **TM**: 45237 - Farm Welgedaan 292 (2741S 2514E): **TM**: 20840 - Farm Woodstock (2734S 2322E): **TM**: 35704, 35706, 35707, 35708, 35709, 35710, 35711, 35712, 35713, 35714, 35715, 35716, 35717, 35718, 35719, 35720, 35721, 35722, 35723, 35724, 35725, 35737, 35738, 35739, 35740, 35741, 35742, 35743, 35744, 35745, 35746, 35747, 35751 - Fauresmith [Petrusburg] (2925Ad): **NMB**: 3698, 3699, 3700, 3701, 3702, 3703 - Figtree camp (222550S 311150E): **TM**: 36869 - Fir Glen: **TM**: 6836 - Florida (2611S 2754E): **TM**: 1134, 1137, 41066 - Fouriesburg (2828Cb): **NMB**: 4164 - Gillets: **DNSM**: 3670, 3672 - Hans Merensky Nature Reserve (2340S 3041E): **TM**: 24607, 24608, 24609 - Harrismith (2828Bb): **NMB**: 7903, 7904 - Hilton (2936S 3023E): **TM**: 39282 - Himeville (2945S 2930E): **DNSM**: 3935 - Hoopstad (2725Da): **NMB**: 11939 - Jagersfontein Commonage (2925Cb): **NMB**: 7580, 7583, 7587, 7590, 7591, 7627, 7628, 7630, 7631, 7632, 7648, 7674, 7676 - Kabusi Forest station (3235S 2717E): **TM**: 40499 - Kaggasmoudt (3237S 2607E): **NM**: 106, 688 - Kalahari Gemsbok National Park: **TM**: 16463 - Kalahari Gemsbok National Park, Rooikop (2537S 2037E): **TM**: 35622 - Kalahari Gemsbok National Park, Twee Riveren (2627S 2037E): **TM**: 13573 - Kamferboom (2607S 2037E): **TM**: 16462, 16464 - Khamkirri Private Game Reserve, site 1 (283906.948S 202645.24E): **TM**: 47574, 47575, 47576, 47577, 47578, 47579 - Klaver (314659S 184036E): **TM**: 2287 - Koegelbeen Caves (2823Cb): **NMB**: 7509 - Ladybrand Town (2927Ab): **NMB**: 4355, 4848 - Langjan Provincial Nature Reserve (224948S 291200E): **TM**: 41301 - Levuvhu hippo pool (2226S 3111E): **TM**: 34183, 34184 - Limpopo-Levuvhu Rivers confluence (222436S 311048E): **TM**: 36979 - Lindley (2728Cc): **NMB**: 7787 - Lydenberg Vissery [=Fisheries]: **TM**: 43421 - Maclear (3028Cc): **NMB**: 5932 - Malelane: **TM**: 2487 - Manyeleti Game Reserve (243748S 313748E): **TM**: 39232 - Maria van Riebeeck Nature Reserve (255248S 281648E): **TM**: 19596 - Marop (2952S 1745E): **TM**: 28221 - Matitobe dam: **TM**: 39493 - Mkuzi River (2747S 3212E): **TM**: 35351 - Mmabolela Estates [=Mmabolela Estates] (2240S 2815E): **TM**: 19713 - Mockford's garden (2225S 3118E): **TM**: 29890, 36884 - New Mucelneuck (254348S 281048E): **TM**: 2880 - Nguhu Picnic (2731S 3122E): **DNSM**: 5998 - Nottingham Road (2921S 3000E): **DNSM**: 5087 - Nylstroom: **TM**: 39550 - Old Figtree forest:

TM: 40827 - Picnic site (2225S 3115E): **TM:** 41730 - Pietermaritzburg (2936S 3023E): **DNSM:** 5672, 5673; **TM:** 42616, 42618, 42619, 42620, 42621, 42622, 42623, 42624, 42625, 42626, 42627, 42628, 42629 - Pietermaritzburg, University Campus, Science block (2936S 3022E): **TM:** 33400, 33401, 33402 - Pietersburg (2354S 2928E): **TM:** 42530, 42531 - Potchefstroom: **TM:** 1136, 1138, 41055, 41056, 41057, 41058, 41059, 41060, 41061, 41062, 41063, 41064, 41065 - Potgietersrus (2411S 2900E): **TM:** 42807 - Pretoria (254348S 281048E): **TM:** 6943 - Pretoria (2545S 2815E): **TM:** 42528, 42529 - Pretoria North (2539S 2809E): **TM:** 4669 - Qwa-Qwa National Park (2828Bd): **NMB:** 9280 - Reddersburg (2926Cd): **NMB:** 3617, 3618, 3619 - Rissik Private Nature Reserve (2453S 2827E): **TM:** 19790 - Saasveld Forestry College (3357S 2231E): **TM:** 30698, 30699, 30700, 30701, 30702, 30703, 30704, 30705, 30706, 30707 - Spring Grove: **NM:** 1462, 1475, 1476, 1477 - Stolznek house (2520S 3120E): **TM:** 35455, 35456 - Stormsriver State Forest Station (3358S 2353E): **TM:** 29757, 29758, 29759, 29760, 29761, 29762, 2977, 29771, 29772, 29773, 29778, 29779, 29780, 29781 - Suikerbosrand [=Suikerboschrand] Nature Reserve (2630S 2813E): **TM:** 44916 - Thaba Nchu (2926Ba): **NMB:** 2952, 2953, 2954 - Transvaal Museum workshop (254348S 281048E): **TM:** 20141, 28449, 42206, 45328 - Twee Rivieren (2627S 2037E): **TM:** 15573 - Van Reenen: **DNSM:** 7240 - Van Wyksvlei (ca. 3017S 2152E): **TM:** 8310, 8311, 8312, 8313, 8314, 8315 - Ventersburg (2827Ab): **NMB:** 1799 - Venterskroon (265248S 261612E): **TM:** 2073, 2074 - Vredefort (2627Cd): **NMB:** 3170, 5890 - Vryburg (2652S 2437E): **TM:** 5261, 5262, 5263, 5264, 5265, 5266 - Warden (2729Cd): **NMB:** 7709, 7716, 7717, 7718, 7722 - Waterberg, Farm Platbos (2413S 2752E): **TM:** 24748 - West Coast National Park, Geelbek: **TM:** 40847, 40849 - Winterton: **DNSM:** 6921, 6922, 6923, 6924.

Swaziland:

Byrhytes mine: **TM:** 45538 - Forbes Gold Mine [=Forbes Reef Gold Mine] (2609S 3106E): **TM:** 47723 - Nsoko [=Forbes Ranch]: **TM:** 45778.

Unknown Country:

: **BMNH:** CN739; **DNSM:** 3671; **MMK:** 2239, 2240, 2243, 2244, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2259, 2260, 2264, 2324, 2325, 2326, 2329, 2331, 2332, 2333, 2334, 2335, 2338, 2340, 2341, 2344, 2345, 2346, 2351, 2353, 2354, 2356, 2357, 2358, 2359, 2360, 2361, 2363, 2364, 2365, 2366, 6434.

Zimbabwe:

: **MMK:** 2241, 2246 - Chikupo Caves (1723S 3117E): **TM:** 34838 - Salisbury, Borrowdale Road: **TM:** 12587 - Sengwa Wildlife Research Station (1810S 2813E): **TM:** 34891 - Sentinal Ranch (2210S 2930E): **TM:** 41616.

Tadarida fulminans (Thomas, 1903)**Kenya:**

Kara-Suk (0147N 3508E): **ROM:** 40278.

Madagascar:

Fianarantsoa: **BMNH:** 1882.3.1.34 (*Type Nyctinomus fulminans*).

Namibia:

Nama pan [=Nama dam] (1955S 2043E): **TM:** 39797.

Rwanda:

Nyakibanda (0238S 2941E): **RMCA:** 23748 - Nyankokome: **KBIN:** 15494 - Rukira [=Rukara] (0213S 3035E): **RMCA:** 37970, 37971, 37972, 37973, 37974, 37975, 37976, 37977, 37978, 37979, 37980, 37981, 37982, 81-012-M-0047.

South Africa:

Levuvhu bridge (2225S 3111E): **TM:** 37033 - Levuvhu River (2226S 3111E): **TM:** 36474 - Pafuri (222436S 310636E): **TM:** 37083.

Zimbabwe:

Batoka Gorge (1726Cc): **NHMZ:** 29727 - Bindura (1723S 3117E): **TM:** 9978, 9979 - Chikupo cave (1723S 3117E): **TM:** 34819, 34821, 34822, 34823, 34824, 34825, 34826, 34827, 34828, 34829, 34830, 34831, 34832, 34833, 34834, 34835, 34836, 34837 - Chikupo Caves (1723S 3117E): **TM:** 34820, 9976 (*Type Nyctinomus masteursoni*) - Chikupo Caves (1724S 3120E): **NHMZ:** 30100, 30114, 30188, 30189, 30190, 30191, 30193, 30194, 30195, 30196, 30218, 30219, 30497, 30498, 30499, 59927, 59928, 59929, 59930, 82251, 82252, 82253, 82254, 82255, 82259, 82260, 82261, 82262, 82263, 82264 - Chinoyi Caves (1722S 3005E): **HZM:** 4.3898 - Chivi Communal Land (2030Da): **NHMZ:** 30028, 30080 - Harare (1731Cc): **NHMZ:** 30197, 30198, 30199, 30200, 30201, 30202, 30203, 30204, 30212, 30216, 30217, 30470, 30471, 30472, 59916, 62863, 82246, 82249, 82256, 82257, 82258 - Mazoe (1730Db): **NHMZ:** 59923.

Tadarida lobata (Thomas, 1891)**Kenya:**

Maungu Hill (0338Da): **NHMZ:** 65195 - Turkwell Gorge: **BMNH:** 1893.2.3.7 (*Holotype Nyctinomus lobatus*).

Tanzania:

Zanzibar (0610S 3912E): **ZMB:** 4665.

Zimbabwe:

Harare (1731Cc): **HZM:** 1.4244 - Harare, Borrowdale Brook (1731Ca): **NHMZ:** 59926 - Nyashato Dam (1707S 3207E): **NHMZ:** 32587, 32588, 32589.

Tadarida ventralis (Heuglin, 1861)**Congo (Democratic Republic of the):**

Alima (0035N 2918E): **RMCA:** 29241.

Kenya:

Isiolo (0020N 3736E): **LACM:** 32001; **ROM:** 83939 - Kara-Suk (0147N 3508E): **ROM:** 40280 - Makindu, 35 km E (0218S 3700E): **ROM:** 59247 - Mara River (0131N 3356E): **ROM:** 41770 - Masol Location (0122N 3546E): **ROM:** 40166 - Maungu (0334S 3356E): **ROM:** 77530, 77532 - Menengai (0035Aa): **BMNH:** 1975.2657 - Ortum (0121N 3521E): **ROM:** 38266, 38267, 38268, 65832, 65833, 65834, 65835, 65836, 65837, 65838 - Rongai, 5 km S (0011S 3552E): **ROM:** 73130 - Suam River (0128N 3501E): **ROM:** 38302, 38303, 38305 - Tambalal Falls (0128N 3501E): **ROM:** 38243, 38245, 38246, 38247, 38248, 38304 - Turkwell Gorge (0154N 3522E): **ROM:** 40279 - Voi, 30 km SE (0334S 3846E): **ROM:** 77529, 77531 - Wei Wei River (0129N 3526E): **ROM:** 38392.

South Africa:

Transvaal: **BMNH**: 1875.11.19.1 (Type *Nyctinomus africanus*).

Tanzania:

Ndala River (0335Db): **HZM**: 4.6207, 4.6208, 4.6209.

Zimbabwe:

Bumbusie Gorge (1826Ca): **NHMZ**: 59915 - Chivi Communal Land (2030Da): **NHMZ**: 29639 - Harare (1731Cc): **NHMZ**: 59924.

Miniopterus Bonaparte, 1837

"Africa":

S-Africa: **ZMB**: 53853, 53854.

Algeria:

Algiers (3645N 0341E): **ZMB**: 55119 - no specific locality: **ZMB**: 3605, 74743, 74744, 74745.

Comoro Islands:

Anjouan island (1215S 4425E): **ZMB**: 4909 - Bambao (1212S 4431E): **ZMB**: 66972.

Madagascar:

Betsileo: **ZMB**: 6012 - no specific locality: **ZMB**: 3854, 3993, 5621, 85591 - NW Madagascar: **ZMB**: 5925 - Sakana (1718S 4902E): **ZMB**: 54486, 54487, 54488, 54489, 54490, 54491, 54492, 54493, 54969, 54970, 54971, 54972, 54973, 54974, 54975, 54976, 54977, 54978, 54979, 54980, 54981.

Mozambique:

Muchena (1537S 3352E): **TM**: 42736, 42737.

Namibia:

Otjimbingue (2215S 1610E): **ZMB**: 3299 - Rooibank (2310S 1436E): **TM**: 43177.

South Africa:

Doornkraal Camp Site (2731S 3122E): **DNSM**: 5994 - Gerlachshoop: **ZMB**: 3923 - Minaars cave (260022.824S 274411.04E): **TM**: 47763 - Pretoria, city centre (2545S 2814E): **TM**: 46711 - Tierkloof (334430S 215330E): **SAMC**: GB-15/00, GB-23/00 - Wondermine (2731S 3122E): **DNSM**: 5992, 5993.

Tanzania:

Dar-es-Salaam (0648S 3918E): **ZMB**: 53849, 53850.

Tunisia:

Tebourba (3650N 0950E): **ZMB**: 11782, 11783, 55046 - Tebourba, cave near (3650N 0950E): **ZMB**: 74728, 74729, 74730, 74731, 74732, 74733, 74734, 74735, 74736.

Unknown Country:

: **SAMC**: 38559.

Miniopterus africanus Sanborn, 1936

Ethiopia:

Shoa: **FMNH**: 28769.

Miniopterus fraterculus Thomas and Schwann, 1906

South Africa:

Buffalo mine (2546S 3103E): **TM**: 1994 - Cederberg, Pakhuis Pass, Kliphuis camp site (320810.248S 190010.08E): **TM**: 47703 - Cinnabar mine (254836S 310036E): **TM**: 1993 - Dumisa gold mine (3015S 3021E): **TM**: 30138 - Empisini Nature Reserve (3012S 3048E): **DNSM**: 5604 - Farm Goedhoek [=Goudhoek] (2823S 3104E): **TM**: 36410 - Farm Haffenden Heights 35KT (2407S 300030E): **TM**: 46881 - Farm Sterkspruit 412KT (2437S 3037E): **TM**: 46451 - Farm Sterkspruit 412KT, Mogaba (2435S 3037E): **TM**: 46484, 46486 - Farm Sudwalaskraal 271JT (2522S 3037E): **TM**: 46447 - Farm Victoriaspoort 18IT (2607S 3022E): **TM**: 46375 - Hella-Hella Game Valley Estates (2954S 3003E): **DNSM**: 6897 - Hilton, Hilton Railway tunnel (2936S 3023E): **TM**: 36211, 36212, 36213, 36217, 36218, 36221, 36222, 36223, 36224 - Hilton, Town Bush cave (2936S 3022E): **TM**: 30127, 30128, 30130, 33388, 33389, 33390, 33391, 36226, 36229, 36233, 36236, 36237, 36238, 36239, 36241 - Ithala Game Reserve [=Ithala Nature Reserve] (273336S 301236E): **TM**: 31810, 31811, 31812, 31813 - Karkloof Forests (2924S 3017E): **TM**: 25462, 25463 - Knysna: **BMNH**: 1905.5.7.18 (Type *Miniopterus fraterculus*) - Knysna (3402S 2303E): **TM**: 1103, 1104 - Lebanon Sappi plantation (291848S 301231.7E): **TM**: 47112 - Makatini Research Village Pongola River: **DNSM**: 6963 - Malelane Old Mine Shaft: **TM**: 47622, 47624 - Mpumalanga (245317S 304821E): **TM**: 47623 - Ngome Forest Reserve (275000S 312445E): **TM**: 39850, 39851 - Nqubevu mine (2843S 3037E): **TM**: 36126, 36127, 36128, 36129, 36130, 36131, 36132, 36133, 36134 - Shongweni Resources Reserve (295100S 304236E): **DNSM**: 3513 - Soutpansberg [=Zoutpansberg], Entabeni State Forest (225848S 301500E): **TM**: 41637, 41638, 41639 - Vernon Crooks Nature Reserve (303600S 301536E): **TM**: 29788, 29791.

Swaziland:

Byrhytes mine: **DNSM**: 5785 - Forbes Gold Mine [=Forbes Reef Gold Mine] (2609S 3106E): **TM**: 47722.

Miniopterus gleni Peterson, Eger and Mitchell, 1995

Madagascar:

in a marine cave between Sarodrano and Saint-Augustin: **ROM**: 42567.

Miniopterus inflatus Thomas, 1903

Cameroon:

Efulen (0247N 1032E): **BMNH**: 1903.2.4.8.

Congo (Democratic Republic of the):

Katobwe (0851S 2605E): **FMNH**: 29416 (Type *Miniopterus rufus*).

Malawi:

Likabula mission (1557S 3524E): **TM:** 41802.

Zimbabwe:

Umtali: **TM:** 42873 - Umtali mine adit [=Umtali Old mine] (1904S 3241E): **TM:** 34679, 34680, 34681.

Miniopterus majori Thomas, 1906

Madagascar:

Imasindrany [=Sahamananina]: **BMNH:** 1897.9.1.38.

Miniopterus manavi Thomas, 1906

Comoro Islands:

Grand Comoro island (1135S 4320E): **BMNH:** 1967.1231.

Madagascar:

Fandriana region (2017S 4731E): **BMNH:** 1897.9.1.37 (*Holotype Miniopterus manavi*).

Miniopterus minor Peters, 1867

Congo (Democratic Republic of the):

Kikwit (0513S 1849E): **MSB:** ZaAn 1984; **RMCA:** 97-021-M-0810.

Tanzania:

Zanzibar (0610S 3912E): **ZMB:** 3268.

Miniopterus natalensis (A. Smith, 1833)

Botswana:

Drotsky's Cave (2007S 2122E): **TM:** 41011 - Kuke pan (2319S 2427E): **TM:** 6557.

Cameroon:

Jauro Masali (0620N 0325E, 1300 m): **SMNS:** 41341.

Congo (Democratic Republic of the):

Aba (0353N 3017E): **AMNH:** 49019 (*Type Miniopterus breyeri vicinior*).

Crete:

Mount Gova: **TM:** 1128.

Ethiopia:

Sanfords Ranch (0955N 3756E): **TM:** 10015.

Guinea:

Dalaba [Grotte du Marché] (10 42 N 12 15 W): **MHNG:** type1 (*Type Miniopterus inflatus villiersi*).

Kenya:

Nyuki [=Nanyuki] river: **USNM:** 181811 (*Type Miniopterus natalensis arenarius*).

Lesotho:

Thaba-Tseka (2928Da): **NMB:** 8157, 8159.

Malawi:

Likabula mission (1557S 3524E): **TM:** 41788, 41797, 41801.

Mozambique:

Aldeia Muchena [= Tetane Muchena, Muchena] (154056S 334810E): **TM:** 14695, 14696 - Tete district (ca. 1530S 3300E): **TM:** 14694.

Namibia:

Bats Hole (2239S 1531E): **TM:** 28900, 28901, 28902, 28903 - Farm Arnhem [=Arnem] (2241S 1808E): **TM:** 16378, 16379, 16380, 16381 - Farm Otjikoko Sud 61 [Pipistrelle Cave] (2118S 1627E): **TM:** 37637, 37638, 37639, 37640, 37641, 37642, 37643, 37647, 37648, 37649 - Quickborn (2109S 1705E): **TM:** 4666 - Witvlei: **BMNH:** 1926.12.7.15 (*Type Miniopterus smitianus*).

South Africa:

Bangu gorge caves (2405S 3144E): **TM:** 36894, 36895 - Berlin: **TM:** 47106 - Blurweberg cave (254800S 275859E): **TM:** 12564, 12565, 12567, 12568, 12569 - Boksburg [midtown] (2614S 2815E): **TM:** 17035 - bridge at Kruger Gate (2459S 3129E): **TM:** 40050 - Cederberg, Algeria State Forest, campsite (3221S 1903E): **TM:** 35149, 38421 - Cinnabar mine (254836S 310036E): **TM:** 1991, 1992 - De Hoek Forest Station: **TM:** 42120 - Doornkraal campsite (273044S 311241E): **DNSM:** 5898 - Dumisa gold mine (3015S 3021E): **TM:** 30132, 36247, 36268, 36269, 36270, 36271, 36272, 36273, 36274, 36275, 36276, 36277, 36278, 36279, 36280, 36281, 36282, 36283, 36284, 36285, 36286, 36287, 36288, 36289 - Durban: **BMNH:** 1846.6.2.19 (*Cotype Vespertilio scotinus*) - Farm Buffelspoort 149 JQ (2507S 2737E): **TM:** 20016 - Farm Cyprus 68 (2412S 3016E): **TM:** 25292 - Farm Donkerpoort 448 (243448S 273936E): **TM:** 20594, 20595, 20596, 20597, 20598, 20599, 20600, 20601, 20602, 20603, 20604, 20605, 20606, 20607, 20608, 20625 - Farm Donkerpoort 448, Sandspruit Cave No. 1 (243636S 273936E): **TM:** 15574 - Farm Goedhoek [=Goudhoek] (2823S 3104E): **TM:** 30133, 30140, 30142, 30143, 36406, 36407, 36408, 36409 - Farm Hectorspruit (2526S 3141E): **TM:** 1129, 1130, 1131, 1132, 1133, 1134a, 1322, 1323 - Farm Kaalfontein 261, Ubumanzi Game Farm (2412S 2835E): **TM:** 45128 - Farm Kersefontein [=Berg River] (325413S 181951E): **DNSM:** 5508 - Farm Klipfontein 407, Echo caves (243328S 303628E): **TM:** 23424, 40838, 40839, 40840, 40841, 40842, 40843, 40844 - Farm Klipgat 217JT: **TM:** 46450 - Farm Klipgat 217JT (2507S 3037E): **TM:** 46446 - Farm Koegelbeen / Farm Brakfontein, Koegelbeen cave (2840S 2321E): **TM:** 40671, 40672, 40673, 40674, 40675, 40676, 40677, 40678, 40679, 40680, 40681 - Farm Makapansgat 39, Makapan cave (2409S 2911E): **TM:** 4270 - Farm Makapansgat 39KS, Ficus cave (2409S 2911E): **TM:** 12561, 12562, 12563 - Farm Makapansgat, Makapan cave (2409S 2911E): **TM:** 42676, 42677 - Farm Makapansgat, Pepercorn's cave (2408S 2912E): **TM:** 42544, 42545, 42546, 42547, 42548, 42549, 42550, 42551, 42552, 42553, 42554, 42555, 42556, 42557, 42558, 42559, 42560, 42561, 42562, 42563, 42564, 42565, 42567, 42568, 42569, 42570, 42571, 42572, 42573 - Farm Mokeetsi 376 (2339S 3004E): **TM:** 41019 - Farm Olifantspoort 328 [=Retiefkloof] (2549S 2716E): **TM:** 19645 - Farm Olivewood 284 (2710S 2249E): **TM:** 41521, 41522, 41523, 41524,

41528, 41529, 41530, 41531 - Farm Wonderfontein (2548S 2952E): **TM:** 1106, 1107, 1108 - Farm Wonderfontein, River cave (2548S 2952E): **TM:** 1105, 1109, 1110, 1111, 1112, 1113, 1115, 1116, 1117, 1118, 1119, 41021 - Ferncliff (2936S 3023E): **TM:** 41872 - Figaro Mine (2527S 3128E): **TM:** 39785, 39786 - Figtree camp (222550S 311150E): **TM:** 37014, 37015, 37016 - Garsfontein (2448S 2818E): **TM:** 2440, 2441, 2442, 42574, 42575, 42576, 42577, 42578, 42579, 42580, 42581, 42582, 42583, 42584, 42585, 42586, 42587, 42588, 42589, 42590, 42591, 42678, 42679, 42680, 42681, 42682, 42683, 42684, 42857, 42862, 42863, 42864, 42865, 42866, 42867, 42868, 42869, 43182, 43183, 43184, 43185, 43186, 43187, 43189, 43190, 43191, 43192, 43193, 43194, 43195, 43196 - Gat Koppies: **TM:** 41022 - Gatkoppies (2436S 2736E): **TM:** 1120, 1121, 1122, 1123, 1125, 1126 - Groenkloof (2548S 2812E): **TM:** 2944, 2945, 2946 - Harrismith (2828Bb): **NMB:** 7888, 7901 - Harrismith [Warden] (2729Cc): **NMB:** 7707 - Hennops river: **TM:** 14728 - Hilton, Hilton Railway tunnel (2936S 3023E): **TM:** 36214, 36215, 36216, 36219, 36220, 36225, 36251 - Hilton, Town Bush cave (2936S 3022E): **TM:** 33392, 33393, 33394, 33395, 33396, 33397, 33398, 33436, 33437, 33438, 33439, 33440, 33441, 33442, 36227, 36228, 36229, 36230, 36231, 36232, 36234, 36235, 36240, 36242 - Huhea cave: **TM:** 39005, 39006, 39007 - Ingwavumia (2707S 3202E): **TM:** 7129, 7130, 7131, 7132, 7133, 7134, 7135, 7136, 7137, 7138 - Interior of Caffraria: **BMNH:** 1848.6.12.19 (*Cotype Vespertilio natalensis*), 1849.8.16.25 (*Holotype Vespertilio dasythrix*); **RMNH:** 25093 (*Type Vespertilio dasythrix*) - Irene cave (255136S 281348E): **TM:** 40052, 40053, 40054, 40055, 40059 - Jagersfontein Commonage (2925Cb): **NMB:** 7582, 7597, 7598, 7607, 7610, 7612, 7613, 7620, 7622, 7624, 7637, 7672, 7673, 7678 - John Nash Nature Reserve [=Jack Scott Private Nature Reserve], American cave (2555S 2745E): **TM:** 16162, 16163, 16408, 16409, 19211, 19212, 40120, 40121, 40122, 40123, 40124, 40125 - Knysna (3402S 2303E): **TM:** 1100, 1101, 1102 - Koegelbeen Caves (2823Cb): **NMB:** 11068, 11069, 11073, 11074, 11076, 7505, 7506, 7507, 7510, 7511, 7512, 7513, 7514, 7515, 7516, 7520, 7521, 7522, 7523, 7533, 7534, 7536, 7537, 7538, 7539, 7540, 7541, 7542, 7543, 7544, 7545, 7546, 7547, 7548, 7549, 7550, 7552, 7553, 7554, 7555, 7556, 7557, 7558, 7559, 7733, 7734, 7735, 7736, 7737, 7738, 7739, 7740, 7741, 7742, 7743, 7744, 7745, 7746 - Kuruman (2727S 2325E): **TM:** 35703, 35755, 35756, 35757, 35758, 35759, 35760, 35761, 35762, 35763 - Letaba Ranch, Sabi River (2335S 3104E): **TM:** 25595 - Limpopo-Levuvhu Rivers confluence (222436S 311048E): **TM:** 36980, 36981 - Loskopdam Nature Reserve (2523S 2920E): **TM:** 19877 - Louw's [=Lowes] Creek (2539S 3118E): **TM:** 2484 - Louw's [=Lowes] Creek, Imperial mine (2539S 3118E): **TM:** 2483 - Maclear (3028Cc): **NMB:** 5933 - Maclear (3028Cd): **NMB:** 5876, 5877, 5878, 5879 - Malelane: **TM:** 30025 - Mariepskop Research Station (2441S 3054E): **TM:** 42875, 42876, 42877, 42878 - Mmabolela Estates [=Mmqbolela Estates] (2240S 2815E): **TM:** 19721 - Monument Park caves (252736S 281348E): **TM:** 19398, 19399, 19400, 19401, 19402 - Mooiplaas, SAPPI (283347S 310911E): **DNSM:** 5593, 5594, 5595, 5596, 5597, 5598 - Mpumalanga (245317S 304821E): **TM:** 47625 - Nelspruit (2529S 3057E): **TM:** 40329 - New Mucelneuck (254348S 281048E): **TM:** 6324 - Nhlonhela pan (274648S 321200E): **TM:** 35273 - Norlim mine [=Buxton mine] (2737S 2437E): **TM:** 35880, 35881, 35882, 35883, 35885, 35886, 35887, 35888, 35889, 35890, 35891, 35892, 35893, 35894, 35895, 35896, 35897, 35898, 35899 - Nqubevu mine (2843S 3037E): **TM:** 36309, 36310, 36311, 36312, 36313, 36314, 36315, 36316, 36317, 36318, 36319, 36320, 36321, 36322, 36323, 36324, 36325, 36326, 36327, 36329, 36330, 36331, 36332, 36333, 36334, 36335, 36336, 36337, 36338, 36339, 36340, 36341, 36342, 36343, 36344, 36345, 36346, 36347, 36348, 36349, 36350, 36351, 36352, 36353 - Orange River Station (2924Ca): **NMB:** 8585 - Oribi Gorge Ranch: **DNSM:** 5529, 5530 - Pafuri (222436S 310636E): **TM:** 29820 - Pretoria (254348S 281048E): **TM:** 7108, 7109, 7110, 7111 - Punda Milia Camp (2241S 3102E): **TM:** 29949 - Schurweberg: **TM:** 29090 - Shihangwane: **TM:** 25823 - Shongweni Resources Reserve (295100S 304236E): **DNSM:** 3514, 3515 - Skukuza (2459S 3135E): **TM:** 13470, 30072 - Skukuza Koppies (2459S 3135E): **TM:** 13471 - Skukuza, 7 km E, on Sabie river (2459S 3140E): **TM:** 42488 - Skurweberg cave (2548S 2759E): **TM:** 12210, 12211, 12212, 12213, 12214, 12215, 12216, 12217, 12218, 12219, 12220, 12566 - Soutpansberg [= Zoutpansberg], Entabeni State Forest (225848S 301500E): **TM:** 41640, 41641, 41642, 41643, 41644, 41645, 41646 - St. Lucia, Eastern Shores (2814S 3224E): **DNSM:** 4449, 4450, 4460, 4461 - Sterkfontein caves (2600S 2744E): **TM:** 12043, 12044 - Stormsriver State Forest Station (3358S 2353E): **TM:** 25327 - Table Mountain, Wynberg cave (3401S, 1828E): **TM:** 13747, 13748, 13749 - Tzaneen: **TM:** 1127 - Umfolozi Game Reserve (2819S 3150E): **TM:** 3017, 3018 - Underberg, Trout hatchery (2946S 2930E): **TM:** 37157 - Venterskroon (265248S 261612E): **TM:** 2071, 41020 - Vernon Crooks Nature Reserve (303600S 301536E): **TM:** 28832, 28835, 29795, 29803, 29804, 29809, 29810, 29815 - Voelklip, 7th Street (342259S, 191600E): **TM:** 42459 - Waterberg district, Gattis koppies: **BMNH:** 1909.7.2.6 (*Type Miniopterus breyeri*) - Zastron (3026Bb): **NMB:** 5938, 5940, 5942, 5943, 5944, 5945, 5946, 5947, 5948, 5949, 5950, 5951, 5952, 5953, 5954, 5955, 5956, 5957, 5958, 5959, 5960, 5961, 5962, 5963, 5964, 5965, 5966, 5967, 5968, 5969, 5970, 5971, 7358, 7359, 7360, 7361, 7362, 7363, 7364, 7365, 7366, 7367, 7368, 7369, 7370, 7371, 7372, 7373, 7374, 7376, 7377, 7378, 7379, 7380, 7381, 7382, 7383, 7384, 7385, 7560, 7778, 7779, 7780 - Zastron Commons (3027Ac): **NMB:** 7504 - Zwartkop Military Nature Reserve (2550S 2808E): **TM:** 42270, 42271.

Swaziland:

Mlawula Nature Reserve 1 (261048.58S 320257.48E): **TM:** 47746 - Rosecraft (2638S 3117E): **TM:** 47713.

Tanzania:

Li Tunge: **ZMB:** T10425 - Rungwa mountains (0908S 3340E): **UIA:** ABOS-A23 - Ussagara [=Usagara] (0505S 3907E): **ZMB:** T10117, T10118.

Zambia:

Chilanga Caves (1533S 2816E): **TM:** 13529, 13530.

Zimbabwe:

Rhodes Matopos National Park (2023S 2829E): **TM:** 35009 - Umtali mine adit [=Umtali Old mine] (1904S 3241E): **TM:** 16521, 34677, 34678, 34682, 34683, 34684, 34685.

Miniopterus schreibersii (Kuhl, 1817)**Cape Verde:**

Santo Antão island, Ribeira Grande (1710N 2506W): **MZUF:** 12221, 12514.

VESPERTILIONIDAE Gray, 1821

South Africa:

Figtree forest (2225S 3115E): **TM:** 37682 - Fort Hoek Trading store: **SAMC:** 37098A, 37098B - Gamkapoort Nature Reserve (3316S 2145E): **SAMC:** 40796 - Langebaanweg, Chemfos mine: **SAMC:** 39244 - Middelburg: **SAMC:** 37083 -

Point Caravan Park (3104S 3010E): **DNSM**: 1163 - Tierkloof, Bushcamp (334430S 215330E): **SAMC**: GB-17/00.

Kerivoula Gray, 1842

South Africa:

Umfolozi Nature Reserve (2820S 3152E): **TM**: 42698.

Tanzania:

South Province: **CAWM**: "6", "a".

Kerivoula africana Dobson, 1878

Tanzania:

Genda Genda South Forest Reserve (0531S 3838E): **SMF**: 79563 - Morogoro (0648S 3740E, 560 m): **ZMB**: 7639 - Tong'omba Forest Reserve (0825S 3901E): **SMF**: 79564.

Kerivoula argentata Tomes, 1861

"Africa":

Caffraria?: **ZMB**: 3623 - Eastern Africa: **ZMB**: 53856.

Congo (Democratic Republic of the):

Kamatanda (1056S 2650E): **SMF**: 19574, 19575 - Luluaburg [=Kananga] (0553S 2226E, 660 m): **ZMB**: 35910, 35911.

Kenya:

Nairobi (0117S 3652E, 6000ft): **LACM**: 19474.

Malawi:

Ncheu [=Ntcheu] (1448S 3439E): **TM**: 9172, 9173.

Mozambique:

Shupanga (=Chupanga) (1802S 3537E): **BMNH**: 1864.1.9.38 (*Syntype Nycticejus nidicola*) - Shupanga [=Chupanga] (1802S 3537E): **BMNH**: 1864.1.9.37 (*Syntype Nycticejus nidicola*), 1864.1.9.39 (*Syntype Nycticejus nidicola*).

Senegal:

N'Gari: **MHNG**: 1715.47.

South Africa:

Durban, 50 km S (3013S 3048E): **AMNH**: 81889 - Msinyini pan (2822S 3152E): **TM**: 7124, 7125 - Pafuri (2225S 3115E): **TM**: 29839 - Umfolozi River (2821S 3159E): **TM**: 3786 - Uvongo Beach, in Eucalyptus plantation (3050S 3025E): **FMNH**: 152687 - White Umfolosi River (2819S 3150E): **TM**: 3025 (*Type Kerivoula nidicola zuluensis*).

Tanzania:

Ambangulu Estates (0445S 3815E): **ZMB**: 67806 - Bamba-Mlungi Forest Reserve (0458S 3847E): **SMF**: 83514 - Kambai Forest Reserve (0459S 3841E): **SMF**: 85520 - Kilossa, weitere Umgebuhg [=near Kilosa] (ca. 0649S 3700E): **NMW**: 10297 - Litipo Forest Reserve (1002S 3929E): **SMF**: 82538 - Mikindani (1016S 4005E): **ZMB**: 67810, 67811.

Kerivoula cuprosa Thomas, 1912

Cameroon:

Bitye (03 13 N 12 22 E, 2000 ft): **BMNH**: 1912.10.25.1.

Cote D'Ivoire:

IET-Station (0550N 0721W): **SMF**: 91927.

Kerivoula lanosa (A. Smith, 1847)

Botswana:

Sepope: **USNM**: 425368.

Cote D'Ivoire:

"piste de Lamtu": **MNH**: CG1987-91.

Côte d'Ivoire:

Adiopodoumé (0519N 0408W): **MHNG**: 965.38 (*Type Kerivoula harrisoni bellula*).

Ethiopia:

Bellegas-Thal zwischen Simehn und Woggara [=Tal des Belegaz/Belghe] (1256N 3805E): **NMW**: 24573.

Kenya:

Naivasha, lake (ca. 0044S 3626E, 6000 ft): **LACM**: 19475, 19476.

Mozambique:

Norture Boror (1737S 3652E): **TM**: 1099.

NE Africa:

Walamo (6 700 ft): **BMNH**: 1900.11.4.1 (*Type Kerivoula harrisoni*).

South Africa:

Blyderivierspoort Nature Reserve, Bourkes Luck (2435S 3047E): **TM**: 41664 - Cape Town, 200 mi [=322 km] E: **BMNH**: 1907.1.1.538 (*Type Vespertilio lanosus*), 1907.1.1.539 (*Syntype Vespertilio lanosus*) - Ingwavuma (2708S 3202E): **TM**: 7126, 7127, 7128 - Knysna (3402S 2303E): **TM**: 1098 - Kosi Lake, Department of Health camp (2657S 3249E): **TM**: 40465 - Nyala and Main Roads junction (2225S 3118E): **TM**: 36960 - Nyellele River (2255S 3022E): **TM**: 8864 - Pirie, Pirie Mission (3247S 2715E): **SAMC**: 10112A, 10112B, 10112C, 10112D, 10112E - South Africa: **BMNH**: 1852.8.12.9 (*Holotype Kerivoula brunnea*).

Unknown Country:

: **SAMC**: 12949A, 12949B, 12949C; **SMF**: 53520.

Zambia:

Fort Jameson (1338S 3239E): **NHMZ**: 22819.

Zimbabwe:

N'dola: **BMNH**: 1920.11.3.27 (*Type Kerivoula lucia*).

Kerivoula phalaena Thomas, 1912**Cameroon:**

Edéa (0348N 1014E): **ZMB**: 67807, 67808.

Congo (Democratic Republic of the):

Irangi (0154S 2827E): **SMF**: 65005.

Cote D'Ivoire:

: **MNHN**: CG1955-233 - Iringou gallery forest, transect 3 (0850N 0346W): **SMF**: 91929 - Lola camp [gallery forest] (0845N 0349W): **SMF**: 91928, 91930.

Ghana:

Bibianaha [=Bibiani] (720 ft): **BMNH**: 1912.6.20.3 (*Holotype Kerivoula phalaena*).

Uganda:

Ntandi (0048N 3008E, 2300ft): **LACM**: 51973, 51974.

Kerivoula smithii Thomas, 1880**Congo (Democratic Republic of the):**

Ukaika (0045N 2845E, 900m): **NMW**: 10298, 10299, 16728.

Nigeria:

Old Calabar: **BMNH**: 1880.7.21.9 (*Holotype Kerivoula Smithii*).

Tanzania:

Tanga (0504S 3906E): **ZMB**: 10135.

Uganda:

Bugoma Forest (0112N 3058E, 3800ft): **LACM**: 52041, 52042, 52043.

Cistugo lesueuri Roberts, 1919**Lesotho:**

Maseru (2928Ca): **NMB**: 7265, 7268, 7269, 7271, 7319, 7320, 7321, 7323 - Mokhotlong (2929Ac): **NMB**: 6887, 6888, 6898, 6899, 6900, 6901, 6902, 6903, 6908, 6910, 6911, 6912, 6913, 6988, 6989, 6992 - Pelaneng (2928Ab): **NMB**: 7036 - Sehonghong (2928Db): **NMB**: 8483, 8488 - Semonkong (2927Dd): **NMB**: 8289, 8290, 8291, 8292, 8293, 8294, 8295, 8296, 8297, 8298, 8299, 8301, 8302, 8303, 8304, 8305, 8306, 8307, 8308 - Thaba-Tseka (2928Da): **NMB**: 8158.

South Africa:

Cederberg, Algeria State Forest, campsite (3221S 1903E): **SAMC**: 41458; **TM**: 35121, 35152, 35172, 38422, 38423, 38424, 38428 - Ceres, near (2821Ba): **TM**: 2286 (*Type Cistugo lesueuri*) - Golden Gate (2828Bc): **NMB**: 7902 - Harrismith (2728Dd): **NMB**: 7394 - Harrismith (2828Bb): **NMB**: 7847 - Harrismith [Warden] (2729Cc): **NMB**: 7700, 7703, 7705, 7706, 7708, 7710, 7711, 7712, 7713, 7714, 7715, 7731, 7732 - Karoo National Park (3220S 2233E): **TM**: 29511 - Tierkloof, Bushcamp (334430S 215330E): **SAMC**: GB-16/00.

Unknown Country:

: **KM**: 24805; **NMB**: 6685, 6696.

Cistugo seabrae Thomas, 1912**Angola:**

Namibe [=syn Mossamedes, Mocamedes] (1556S 1209E): **BMNH**: 1906.1.3.3.

Namibia:

Berseba (2559S 1747E, 3067 ft): **BMNH**: CN510, CN591 - Farm Klein Aus 8 (2639S 1613E): **TM**: 37541, 37542, 37543, 37544, 37549, 37550, 37561, 37562, 37563, 377549 - Farm Zwartmodder 101 (2454S 1617E): **TM**: 37587, 37610, 37611, 37612, 37613 - Jack Scott Bridge (2054S 1328E): **TM**: 31277.

South Africa:

Farm Northern Kakamas, behind cottages at Khamkirri (2839S 2026E): **TM**: 47581, 47582, 47584 - Goodhouse (2854S 1815E): **KM**: 1882, 1883, 1884, 1885, 1886, 1887, 1888, 1889 - Saasveld Forestry College (3357S 2231E): **TM**: 29310.

Myotis Kaup, 1829**South Africa:**

Mpumalanga (245317S 304821E): **TM**: 47658.

Myotis blythii (Tomes, 1857)**Algeria:**

Ain Mokra (3650N 0727E): **ZMB**: 29700.

'Gaboon':

but more probably from Kashmir: **BMNH**: 1873.4.16.5 (*Type Vespertilio murinus africanus*).

India:

Nasirabad: **BMNH**: 1848.8.18.6 (*Holotype Vespertilio blythii*), 1849.8.16.22 (*Holotype Vespertilio blythii*).

Tunisia:

Glong, Jebel: **ZMB**: T10657 - Tebourba (3650N 0950E): **ZMB**: 53259.

Myotis bocagii (Peters, 1870)**Angola:**

- Duque de Bragança [=Calandula] (ca. 0906S 1557E): **ZMB**: 3973.
- Burundi:**
Resha: **SMF**: 57584.
- Cameroon:**
Ajos Höhe [=Ayois Heights] (0354N 1231E): **ZMB**: 40656 - Fenda: **SMF**: 6394.
- Congo (Democratic Republic of the):**
Irangi (0154S 2827E): **SMF**: 65032, 65033 - Kakonde: **SMF**: 16879, 16880 - Kikwit (0513S 1849E): **MSB**: ZaAn 2064, ZaAn 2066, ZaAn 2070, ZaAn 2206, ZaAn 2210; **RMCA**: 97-021-M-0830, 97-021-M-0831, 97-021-M-0832, 97-021-M-0833, 97-021-M-0834 - Mbalaka (0503S 1850E): **MSB**: ZaAn 1887, ZaAn 1971; **RMCA**: 97-021-M-0826, 97-021-M-0827, 97-021-M-0828 - Sombe (0850S 2602E): **ZMB**: T10164.
- Ethiopia:**
Orsteil Shigella bei Arba Minch: **SMF**: 47869.
- Gabon:**
Ogewa: **ZMB**: T09670.
- Ghana:**
Agumatsa Wildlife Sanctuary, Agumatsa River, Wli Waterfall (0707N 0036E): **SMF**: 89673, 92136.
- Kenya:**
Donya Sabuk [=syn Donjo Sebuk, Ol Dongo Sabuk National Park] (0107S 3715E): **NMK**: 8049 - Karen [=Nairobi Fort]: **SMF**: 57585 - Ruaraka, Safari Park Hotel (5300 ft): **SMF**: 48675 - Yale River (ca. 0012N 3456E): **NMK**: 1468, 1469, 1470, 1471, 1472.
- Rwanda:**
Gisenyi (0142S 2915E): **RMCA**: 80-055-M-0167, 80-055-M-0168 - Kibuye (0203S 2921E): **RMCA**: 80-055-M-0166 - Kisenyi [=Gisenyi] (0142S 2915E): **RMCA**: 9905.
- South Africa:**
De Hoek Forest Station (2349S 3001E, 4500ft): **TM**: 42121 - Levuvhu hippo pool (2226S 3111E): **TM**: 34242 - Malelane (2527S 3130E): **DNSM**: 7348, 7349 - Mkuze River: **DNSM**: 7529 - Mkuzi Game Reserve (2738S 3216E): **DNSM**: 7528 - Mockford's garden (2225S 3118E): **TM**: 29843, 29844, 29855, 29880, 29881, 29888, 29889, 29900, 29901, 30521, 30553, 36595, 36596, 36883, 38283 - Skukuza, dam at golf course (2459S 3135E): **TM**: 30064.
- Tanzania:**
Genda Genda South Forest Reserve (0531S 3838E): **SMF**: 79573 - Kilombero Valley (0840S 3630E): **SMF**: 88513 - Kwamgumi Forest Reserve (045523.5S 384358E): **SMF**: 93355 - Kwamgumi Forest Reserve (0457S 3844E): **SMF**: 82489 - Kwamgumi Forest Reserve (0457S 3844E, 150 m): **SMF**: 86388 - Litipo Forest Reserve (1002S 3929E): **SMF**: 82544 - Manga Forest Reserve (0502S 3847E, 110 m): **SMF**: 87309, 87310 - northern Matema (0928.89S 3401.95E): **SMF**: 85544, 85545 - Semdoe Forest Reserve (04565.6S 384232E): **SMF**: 85528, 93357, 93358, 93359 - Utete (0759S 3847E): **ZMB**: T10165.

Myotis bocagii bocagii (Peters, 1870)

- Kenya:**
Fort Hall (0042S 3470E, 4 000 ft): **BMNH**: 1903.3.2.2.

Myotis bocagii cupreolus Thomas, 1904

- Cameroon:**
Efulen (0247N 1032E): **BMNH**: 1903.2.4.6.

Myotis capaccinii (Bonaparte, 1837)

- Italy:**
Sicily: **BMNH**: 1907.1.1.734.

- Tunisia:**
Tebourba, cave near (3650N 0950E): **ZMB**: 74737, 74738, 74739, 74740, 74741, 74742.

Myotis dieteri M. Happold, 2005

- Congo:**
Grotte du Viaduc (0415S 1300E): **MNHN**: CG 1985-1925.

Myotis goudoti (A. Smith, 1834)

- Madagascar:**
Madagascar: **BMNH**: 1907.1.1.503 - no specific locality: **ZMB**: 5207 - Ramara: **ZMB**: 44566.

Myotis morrisi Hill, 1971

- Ethiopia:**
Didessa River mouth: **BMNH**: 1970.488.

Myotis myotis (Borkhausen, 1797)

- Algeria:**
Ain Mokra (3650N 0727E): **ZMB**: 29566, 29699.

- Egypt:**
no specific locality: **ZMB**: 54107.

- Tunisia:**

Kaphza [=Gafsa], cave near (3426N 0847E): **ZMB**: 64422, 64423 - Mu'tamadiyat (3655N 0945E): **ZMB**: 11781 - Tebourba (3650N 0950E): **ZMB**: 53257, 53258, 53260, 53261, 53262, 53263, 53264, 53265, 53836, 59071, 59072, 59073, 59074, 59075, 59076, 59077, 59078, 59079, 59080, 59081, 59082, 59083, 59084, 59085, 59086, 59087, 59088, 59089, 59090, 59091, 59092, 59093, 59094, 59095, 59096, 64401, 64403, 64404, 64405, 64406, 64407, 64408, 64409, 64410, 64411, 64412, 64413, 64414, 64415, 64416, 64417, 64418, 64419, 64420, 64421 - Tunis (3704N 1004E): **ZMB**: 53218, 53219, 53220, 53221, 53222, 53223, 53224, 53225, 53226, 53227, 53228, 53229, 53230, 53231, 53232, 53233, 53234, 53235, 53236, 54955, 5844.

Myotis nattereri (Kuhl, 1817)

Spain:

Foyos: **MNCN**: 863.

Myotis scotti Thomas, 1927

Ethiopia:

Djem-djem Forest (8 000 ft): **BMNH**: 1927.3.4.1.

Myotis tricolor (Temminck, 1832)

Lesotho:

Maseru (2928Ca): **NMB**: 7266, 7267, 7272, 7273, 7274, 7318, 7351 - Mokhotlong (2929Ac): **NMB**: 6909 - Quthing (3027Bb): **NMB**: 8175 - Thaba-Tseka (2928Da): **NMB**: 8160.

South Africa:

Bishopstowe cave (2936S 3023E): **TM**: 13746 - Blyderivierspoort Nature Reserve, Bourkes Luck (2435S 3047E): **TM**: 40300 - Cave of Death (2552S 2814E): **TM**: 12570 - Cederberg, Algeria State Forest, campsite (3221S 1903E): **SAMC**: 41451 - De Hoek Forest Station (2349S 3001E): **TM**: 42205 - De Hoop Nature Reserve, De Hoop Guano Cave (3426S 2025E): **TM**: 40577, 40578 - Dlinza Forest (2853.99S 3127.7E): **DNSM**: 5339 - Doornkraal campsite (273044S 311241E): **DNSM**: 5895, 5896 - Dumisa Gold Mine (3016S 3021E): **TM**: 30147, 36253, 36254, 36255, 36256, 36257, 36258, 36259 - Farm Elandsfontein 435KT (2437S 3037E): **TM**: 47108 - Farm Goudhoek (2818S 3101E): **TM**: 36360, 36361, 36362, 36363, 36364, 36365, 36366, 36367, 36418, 36419, 36420, 36421, 36422, 36423 - Farm Goudhoek (2823S 3105E): **TM**: 33197, 33198, 33199, 33200, 33201, 33202, 33465 - Farm Klipfontein 407, Echo caves (243328S 303628E): **TM**: 40845 - Farm Makapansgat (2409S 2911E): **TM**: 16407, 4266, 4267 - Farm Makapansgat, Ficus cave (2409S 2911E): **TM**: 12571, 12572, 12573, 12574, 12575 - Farm Makapansgat, Makapan cave (2409S 2911E): **TM**: 4268 - Farm Makapansgat, Pepercorn's cave (2408S 2912E): **TM**: 25418, 25419, 25420 - Farm Uitkomst (2555S 2745E): **TM**: 2883 - Farm Uitkomst (2555S 2747E): **TM**: 43132, 43133 - Farm Uitkyk: **TM**: 9058 - Fernclyff (2837S 3107E): **TM**: 41878 - Fig Tree Camp (2225S 3111E): **TM**: 36784, 36867, 37846 - Golden Gate (2828Bc): **NMB**: 7891, 7896, 7897 - Grootvadersbosch Forest Reserve (3401S 2047E): **TM**: 41690 - Harrismith (2828Bb): **NMB**: 7841, 7848, 7881, 7882, 7883 - Irene (2552S 2814E): **TM**: 6819, 6820, 6821 - Itala Game Reserve, sandstone cave: **TM**: 31814, 31815, 31816, 31817, 31818, 31819, 31820, 31821, 31822, 31823, 31824, 31825 - Ithala Game Reserve [=Itala Nature Reserve] (273336S 301236E): **DNSM**: 5897 - John Nash Nature Reserve [=Jack Scott Private Nature Reserve], American cave (2555S 2745E): **TM**: 19210 - Levuvhu Hippo Pool (2226S 3111E): **TM**: 34241 - Long One Cave (2555S 2749E): **TM**: 25605 - Louw's Creek (2539S 3118E): **TM**: 42696, 43121, 43122, 43123, 43124, 43125, 43210 - Louw's Creek, Imperial Mine (2539S 3118E): **TM**: 2479, 2480, 2481, 2482 - Mockford Garden (2225S 3118E): **TM**: 29856 - Mqanduli: **TM**: 42687 - Oribi Gorge Nature Reserve (3043S 3016E): **TM**: 34344 - Otto's Bluff (2936S 3023E): **TM**: 30689, 30690, 30691, 33203, 33204, 33470, 33471 - Schurweberg caves (2548S 2759E): **TM**: 25415, 25416, 25417 - Sterkfontein caves (2601S 2744E): **TM**: 12422 - Uitkyk (2605S 2746E): **TM**: 7055, 7056, 7058, 7059 - Venterskroon (265248S 261612E): **TM**: 2091, 2092, 2093, 2094, 42685, 43126, 43127, 43128, 43129, 43130, 43131 - Vernon Crookes Nature Reserve (3016S 3036E): **TM**: 28833, 28837, 29325, 29790, 29793, 29796, 29797, 29798, 29799, 29806, 29808, 29811, 29813 - Waterval: **TM**: 47617 - Winburg [Exelsior] (2827Cd): **NMB**: 5529 - Zandspruit Caves (2437S 2740E): **TM**: 25414 - Zastron (3026Bb): **NMB**: 6994.

Swaziland:

Mlawula Nature Reserve 1 (261048.58S 320257.48E): **TM**: 47736.

Zimbabwe:

Chirinda forest (2024S 3242E): **TM**: 34606, 34637 - Rusito Forest (2002S 3259E): **TM**: 34761, 34780, 34781, 34790.

Myotis welwitschii (Gray, 1866)

Angola:

NE Angola: **BMNH**: 1866.4.12.2.

Rwanda:

Butare (0234S 2943E): **RMCA**: 80-055-M-0169.

South Africa:

Bloemfontein (2926Aa): **NMB**: 1263 - Makapansgat, Historic Cave (2408S 2912E): **TM**: 41034 - P.K. Santa (2520S 3010E): **TM**: 963 - Sabie River, Staff Picnic site (2459S 3135E): **TM**: 42489 - Warmbaths (2453S 2818E): **TM**: 42688.

Tanzania:

Kinole (0654S 3746E, 740 m): **ZMB**: 54653 - Rungwa mountains (0908S 3340E): **UIA**: ABOS-133, ABOS-134, ABOS-145, ABOS-148, ABOS-149, ABOS-150 - Ukami Mts: **ZMB**: type3 (*Type Vespertilio venustus*).

Zimbabwe:

Selenda, mount (2024S 3242E): **TM**: 3977.

Vespertilioninae Gray, 1821

Senegal:

Dagana (ca. 1630N 1530E): **ZMB**: 40530.

South Africa:

Albany district (ca. 2715S 2658E): **SAMC**: 390 - Farm Sarum 245LS, Buzzard Mountain Retreat (2301S 2946E): **TM**: 45354 - Farm Tygerkloof 354 (244140S 271233E): **TM**: 45230 - Hanover (3107S 2422E): **SAMC**: 7378 - Mariepskop Research Station (2441S 3054E): **TM**: 42740 - N2 crosses Umhlanga River: **TM**: 43857 - Pirie, Pirie Mission (3247S 2715E): **SAMC**: 10281, 10282 - Rocher Pan Nature Reserve [=Rocher pan, Rocherpan] (3237S 1822E): **SAMC**: 38556, 38557 - Sabie (2510S 3048E): **TM**: 43169 - Steinkopf (2915S 1745E): **SAMC**: 2736.

Barbastella barbastellus (Schreber, 1774)

Canary Islands [Spain]:

La Guancha, "Barranco de La Cantera" (2822N 1639W, 300 m): **MNHN**: 109.

Eptesicus Rafinesque, 1820

Angola:

Angola: **MHNG**: 903.30.

Congo (Democratic Republic of the):

Cellule II (0355N 2920E): **RMCA**: 36864, 36865, 36866 - Garamba Park (0411N 3000E): **KBIN**: 13830, 13831, 13833, 13837, 13839 - Ndelele (0420N 2945E): **KBIN**: 13836 - Zobia (0259N 2555E): **KBIN**: 14508.

Gabon:

Ipassa-Mpassa station (0034N 1252E): **MNHN**: 1985-1567.

Senegal:

Kumbane: **RMCA**: 81-003-M-0001.

Tanzania:

Kafukola (0806S 3156E): **HZM**: 1.2046, 2.2450, 3.2451 - Ulanga (0350N 2000E): **FMNH**: 27291.

The Gambia:

Walli Kunda, near (1334N 1455W): **HZM**: 4.15138, 5.15139.

Eptesicus bottae (Peters, 1869)

Egypt:

Cairo (3003N 3115E): **BMNH**: 1919.7.7.3528; **ZMH**: 22078.

Yemen:

no specific locality: **MNHN**: 1987-297 (*Type Vesperus bottae*).

Eptesicus floweri (de Winton, 1901)

Sudan:

Sennaar, 20 mi [=30 km] above (ca. 15 35 N 33 38 E, 450 m): **BMNH**: 1915.3.6.70 - Wad Marium (ca. 1525N 3225E): **BMNH**: 1903.2.7.14 (*Holotype Glauconycteris floweri*).

Eptesicus hottentotus (A. Smith, 1833)

Angola:

Capolopop (ca. 1552S 1252E): **IICA**: 727, 728, 729.

Kenya:

Endoposei river (0147S 3604E): **ROM**: 71381, 71382 - Hells Gate Canyon (0054S 3619E): **CM**: 89000 (*Type Eptesicus hottentotus portavernus*) - Kilanguni (0255S 3755E): **ROM**: 80823 - Njerowa Gorge (0054S 3619E): **USNM**: 375919 - Rumurati, 64 km NW (0025N 3608E): **ROM**: 48591.

Lesotho:

Botsoela [= Malealea] (2950S 2715E): **NMB**: 8656 - Quacha's Neck [= White Hill] (3007S 2841E): **NMB**: 8342, 8343, 8344 - Quthing (3011S 2752E): **NMB**: 8176.

Malawi:

Chiromo, mount (ca. 1632S 3509E, 200ft): **BMNH**: 1922.12.17.39 - Mulanje Plateau (1552S 3537E, 4000ft): **BMNH**: 1892.8.1.8 - Ncheu [=Ntcheu] (1449S 3438E): **TM**: 9167 (*Type Eptesicus hottentotus bensoni*) - Zomba Plateau (1525S 3519E): **BMNH**: 1892.8.1.9 - Zomba town (1523S 3519E, 800-900m): **BMNH**: 1892.8.1.10.

Mozambique:

Aldeia Chiuta [= Chiuta, Chuta] (153344S 331723E, 700m): **USNM**: 365430, 365431, 365432, 365433, 365434.

Namibia:

E. Kamombonde 86 (2130S 1556E): **AMNH**: 245635; **LACM**: 56269 - Farm Huns 106 (2723S 1723E): **TM**: 32695 - Farm Kanaän (2552S 1607E): **CM**: 46797, 46798, 46799, 46800, 46801, 46802, 46803, 46804, 46805, 46806; **TM**: 27418 - Farm Klein Aus 8 (2639S 1613E): **TM**: 37539, 37540, 37551, 37552, 37553, 37554, 37555, 37560 - Farm Okandukaseibe 27 (2133S 1606E): **LACM**: 41677 - Farm Rheinvels (2657S 1726E): **TM**: 32565, 32566 - Farm Zwartmodder 101 (2454S 1617E): **TM**: 37588, 37624 - Klein Aus Farm 8 (2639S 1613E): **CM**: 93261 - Kobos (2326S 1630E): **USNM**: 379803, 379804 - Namibia Desert Research Station [= DERU] (2333S 1503E): **NHMZ**: 64056, 64057; **USNM**: 342151 - Omaruru, 37 km N, 27 km W and 100 km W Eausiro (2058S 1518E): **LACM**: 52698, 52698 - Ombu (2140S 1544E): **AMNH**: 45635; **SMF**: 19553; **TM**: 9480, 9481, 9482, 9484, 9485, 9486, 9487, 9488, 9489, 9491, 9492, 9493 - unknown locality: **LACM**: 59110.

South Africa:

Anthrax camp (2225S 3112E): **TM**: 36805, 36806 - Cape Division: **SAMC**: 37380 - Cederberg, Algeria State Forest (3221S 1903E): **CM**: 94998, 94999, 95000 - Cederberg, Algeria State Forest, campsite (3221S 1903E): **SAMC**: 41418, 41419; **TM**: 35150, 38411, 38412, 40630, 40631 - Cederberg, Pakhuis Pass, Kliphuis camp site (320810.248S 19000.332E, 693m): **SAMC**: 41416 - Cederberg, Pakhuis Pass, Kliphuis camp site (320810.248S 190010.08E): **TM**: 47702 - Doornkraal campsite (273044S 311241E): **TM**: 31756 - Farm Commissiesdrift 327JQ [=Commissiedrift] (2546S 2713E): **USNM**: 575298, 575299 - Farm Goodhouse 23 (2854S 1814E, 210m): **KM**: 1986, 1987, 1988, 1989 -

Farm Greefswald 37 [=Mapungubwe], Shashi-Limpopo confluence (2213S 2922E): **TM**: 41421 - Farm Leelykstraat 320 (2911S 2218E): **MMK**: 6994, 6995, HW-993, HW-994, HW-995 - Farm Makapansgat 39KS (2408S 2911E): **TM**: 46877, 46878 - Farm Mimosa 454 (2812S 2318E): **MMK**: HW-1315 - Farm Onverwacht 544JT, Sjonajona (2545.628S 3042.076E): **TM**: 46608 - Farm Sarum 245LS, Buzzard Mountain Retreat (2301S 2946E): **TM**: 45355, 45356 - Farm Uitkyk 264JT, Buffelskloof Private Nature Reserve (2518S 3030E): **TM**: 46916 - Figtree camp (222550S 311150E): **CM**: 93182; **TM**: 36111, 36857, 36879, 38167 - Figtree forest (2225S 3115E): **TM**: 37697 - Garden Castle Nature Reserve (2945S 2915E): **DNSM**: 1887, 1888 - Hex River Estates (3330S 1935E): **KM**: 1984 (*Holotype Scotophilus angusticeps*), 1985 (*Cotype Scotophilus angusticeps*) - Kranskloof Nature Reserve (2946S 3049E): **TM**: 40017 - Kuruman (2727S 2325E): **MMK**: 2497 - Levuvhu hippo pool (2226S 3111E): **TM**: 34239 - Norlim mine [=Buxton mine] (2737S 2437E): **KM**: 26030, 26031, 26032, 26033, 26034; **ZMA**: 22.663, 22.664, 22.665 - Rocher Pan Nature Reserve [=Rocher pan, Rocherpan] (3237S 1822E): **KM**: 26035 - Sterkfontein dam (2826S 2901E): **NMB**: 7840 - Table Mountain, Platteklip (3357S 1825E): **SAMC**: 37065 - Tshalungwa Fountain [=Shalungwafontein, Tshalungwafontein] (2233S 3104E): **TM**: 36780 - Wynberg (3401S 1828E): **TM**: 34323 - Wynberg cave (3401S 1828E): **SAMC**: UCT-5/8/1966.

Zambia:

Sunza [=Sunzu] Mountain (0903S 3130E): **KM**: 9661.

Zimbabwe:

Chikupo caves area (1735S 3135E): **ROM**: 64583 - Chizarira-Mcheni Gorge (1736S 2750E): **NHMZ**: 57442 - Falcon College School, Mine shaft (2013S 2858E): **NHMZ**: 58196 - Lunare valley (2036S 2852E): **NHMZ**: 30022 - Nyadiri River, near bridge (1708S 3208E): **NHMZ**: 32580 - Nyashato dam (1708S 3208E): **NHMZ**: 32571, 32572, 32573, 32574, 32575, 32576, 32577, 32578, 32579 - Peterhouse School (1812S 3137E): **HZM**: 1.7130; **NHMZ**: 58958, 58959, 58960 - Retreat Farm (2014S 3102E): **ROM**: 65002 - Shinda Estates (ca. 1918S 3248E): **NHMZ**: 58956.

Eptesicus platyops (Thomas, 1901)**Nigeria:**

Lagos (0627N 0323E): **BMNH**: 1888.5.17.3.

Senegal:

Senegal: **KBIN**: 12426.

Eptesicus serotinus (Schreber, 1774)**Algeria:**

Algiers (3645N 0341E): **ZMB**: 4791, 55185 - Heljani (3542N 0037W): **MNHN**: 1985-659 - Laghouat (3349N 0255E): **MNHN**: 1884-2014 - Misserghin (3538N 0043W): **HZM**: 53.22530.

'Gabon':

but almost certainly from Kashmir or N India: **BMNH**: 1873.4.16.19 (*Type Vesperugo (Vesperus) serotinus var. gabonensis*).

Morocco:

Naffifik forest (3343N 0720E): **MNHN**: 1985-1051.

Tunisia:

Gabès (3353N 1007E): **ZMB**: 54517, 54569 - Sidi Bou Zid valley (3501N 0930E): **MNHN**: 1985-1983.

Glauconycteris alboguttata J.A. Allen, 1917**Congo (Democratic Republic of the):**

Medje (0225N 2718E): **AMNH**: 49317.

Glauconycteris argentata (Dobson, 1875)**Cameroon:**

Ajos Höhe [=Ayos Heights] (0354N 1231E): **ZMB**: 67657 - Mount Cameroon (0413N 0910E): **BMNH**: 1871.7.10.5 (*Holotype Chalinolobus argentatus*) - Ndian [river] (0445N 0844E): **ZMB**: 6946a.

Congo (Democratic Republic of the):

Netonna (0558S 1227E): **SMF**: 2516 (*Holotype Chalinolobus conicus*).

Rwanda:

Butare (0234S 2943E): **RMCA**: 18993 - Kissenzi [=Gisenyi] (0142S 2915E, 1450 m): **ZMB**: 37016.

Glauconycteris beatrix Thomas, 1901**Equatorial Guinea:**

Benito River, 15 mi [= 24 km] from mouth: **BMNH**: 1898.5.4.19.

Glauconycteris curryae Eger and Smith, 2001**Cameroon:**

Bipindi, 10 km W (03 05 N 10 25 E, ca. 300 m): **ROM**: 56243.

Glauconycteris egeria Thomas, 1913**Cameroon:**

Bibundi: **BMNH**: 1912.12.13.3.

Glauconycteris humeralis J.A. Allen, 1917

Congo (Democratic Republic of the):Medje (0225N 2718E): **AMNH**: 49013.*Glauconycteris machadoi* Hayman, 1963**Angola:**Lac Calundo: **BMNH**: 1962.2074.*Glauconycteris poensis* (Gray, 1842)**Nigeria:**Abo: **BMNH**: 1842.11.4.33.*Glauconycteris superba* Hayman, 1939**Congo (Democratic Republic of the):**Pawa (02 32 N 27 40 E): **RMCA**: 14765.**Ghana:**Oda (0555N 0056W): **BMNH**: 1947.10 (Type *Glauconycteris superba sheila*).*Glauconycteris variegata* (Tomes, 1861)**"Africa":**Mfutululu: **DNSM**: 1023.**Congo (Democratic Republic of the):**lake Tanganyika, NW bank: **ZMB**: 72234.**Namibia:**Otjoro [=Otjijohoro] (2215S 1610E): **BMNH**: 1907.1.1.437 (Syntype *Scotophilus variegatus*), 1907.1.1.438 (Syntype *Scotophilus variegatus*); **ZMB**: 3033.**Somalia:**Mogadishu [=Mogadishu =Moqdisho] (0204N 4522E): **ZMB**: 54045.**South Africa:**Dukuduku Forest (2823S 3221E): **TM**: 40416 - Durban North: **DNSM**: 6861 - Figtree camp (22250S 311150E): **TM**: 37845 - Kabbefontein: **TM**: ? - Kosi Bay: **DNSM**: 7037 - Levuvhu hippo pool (2226S 3111E): **TM**: 34261 - Mockford's garden (2225S 3118E): **TM**: 29899, 38519, 38520 - Namaba: **TM**: 6075 - New figtree forest (2225S 3118E): **TM**: 37223 - Old picnic site (2225S 3118E): **TM**: 36538, 36539 - St. Lucia Crocodile centre: **TM**: 40164 - Tanaba: **TM**: 60775.**Sudan:**Fashoda, near: **BMNH**: 1915.3.6.67 (Holotype *Glauconycteris phalaena*).**Tanzania:**Amani (0510S 3847E, 1000 m): **ZMB**: 20574 - Tanganyika, lake: **ZMB**: 67655 - Utete (0759S 3847E): **ZMB**: 67654.**Uganda:**Entebbe (0004N 3228E): **BMNH**: 1899.8.4.14 (Holotype *Glauconycteris papilio*); **ZMB**: 67656.**Zambia:**Fort Jameson (1338S 3239E): **NHMZ**: 20039 - Pwira Pan (1354S 2751E): **NHMZ**: 20322, 22806.**Zimbabwe:**Tetse fly gate: **TM**: 45076.*Hypsugo anchietae* (de Seabra, 1900)**Angola:**Cahata (1220S 1450E): **BMNH**: 1906.1.3.1; **MNH**: 1900-538 (Paratype *Vesperugo anchieta*) - Chitau (1115S 1701E): **AMNH**: 85529, 86640, 88100, 88101, 88102, 88111, 88112 - Dando, 35 km E (1110S 1710E): **AMNH**: 87243 - Gauca river (1105S 1715E): **CM**: 6928, 6939, 6940.**Congo:**Inyanga: **ZMA**: 5.661.**Congo (Democratic Republic of the):**Lubenge Marunga mountains (0730S 2959E): **AMNH**: 55773, 55774.**Ethiopia:**Shibe-Tolley: **NHMZ**: 32685.**South Africa:**Empisini Nature Reserve (3012S 3048E): **DNSM**: 5358, 5377 - False Bay Park (2801S 3221E): **DNSM**: 2269 - Game Valley Estates (2954S 3003E): **DNSM**: 5362 - Harold Johnson Nature Reserve (291200S 312536E): **DNSM**: 5353, 5357, 5364 - Ngome Forest Reserve (2748S 3126E): **TM**: 40205 - Ngome Forest Reserve (275000S 312445E): **TM**: 40206 - Skukuza staff village (2459S 3135E): **TM**: 30061, 39767 - Skukuza, 1.5 km NW, Dense woodland upper reaches of Western Water Reservoir (2459S 3135E): **TM**: 39768 - Sobhengu Lodge (2759S 3224E): **DNSM**: 6885.**Swaziland:**Ebaleni (2616S 3157E): **TM**: 47718.**Zambia:**Balovale (1333S 2307E): **AMNH**: 115861, 115863, 115864, 115865, 115867, 115868, 115869, 115870; **HZM**: 1.11405; **SMF**: 37917 - Kabompo Boma (1336S 2412E): **HZM**: 4.2933 - Mwinilunga district (1144S 2426E): **AMNH**: 89167, 89168 - Mwombenzi river (1213S 2534E): **HZM**: 2.11406 - Nyabikwa Kabompo confluence (1245S 2445E): **HZM**: 3.2556 - Wusikili Bridge (1251S 2813E): **NHMZ**: 20246.**Zimbabwe:**Volunteer farms (1849S 2738E): **NHMZ**: 31965.

Hypsugo ariel (Thomas, 1904)**Sudan:**

Kadugli (1100N 2944E): **BMNH**: 1928.3.11.7 - Wadi Alagi (ca. 22 N 35 E): **BMNH**: 1904.11.4.6 - Wadi Alagi (ca. 22 N 35 E, 2 000 ft): **BMNH**: 1904.11.4.7 (*Type Pipistrellus ariel*).

Hypsugo crassulus (Thomas, 1904)**Angola:**

Canzale (0821S 1511E): **FMNH**: 83599.

Cameroon:

Efulen (0247N 1032E): **BMNH**: 1904.2.8.1 (*Holotype Pipistrellus crassulus*), 1904.2.9.1 (*Type Null*) - Eseka, 3 km S, 3 km W (0337N 1045E): **CM**: 58578.

Congo:

Majumba (0430S 1230E): **MNH**: 1884-753.

Congo (Democratic Republic of the):

Bokuma (0006S 1841E): **RMCA**: 21669 - Irangi (0154S 2827E): **SMF**: 65011, 65012, 79441, 79442, 79443 - Lulola-Kasanga (0306S 2659E): **BMNH**: 1963.1174 - Moera (0039N 2930E): **RMCA**: 16285.

Côte d'Ivoire:

Adiopodoumé (05 20 N 04 07 W, 0-30 m): **RMCA**: 35686 (*Type Pipistrellus eisentrauti bellieri*).

Kenya:

Kakamega forest (0016N 3453E): **ROM**: 50527, 50528, 65975, 65988 - Kakamega forest station (0014N 3452E): **CM**: 98036 - Kakamega forest, 8 mi SE (0016N 3453E): **ROM**: 91220 - Rondo forest (0014N 3554E): **ROM**: 75530, 75541.

Sudan:

Bangangai forest (0451N 2745E): **FMNH**: 108168.

Uganda:

Budongo Forest (0146N 3133E): **ROM**: 40146, 46454.

Hypsugo eisentrauti (Hill, 1968)**Cameroon:**

Camp II (0447N 0943E): **ZFMK**: 68.6 - Camp V (0413N 0932E): **ZFMK**: 68.5 (*Type Pipistrellus eisentrauti*).

Congo (Democratic Republic of the):

Lukolela (0110S 1711E): **AMNH**: 86916.

Cote D'Ivoire:

Banco, forêt de (0525N 0403W): **USNM**: 429941, 468189 - Sibabli, 6 km W (0656N 0710W): **ROM**: 100532, 100533.

Guinea:

Macenta, 25 km NW (0833N 0928W): **MNH**: 1970-477.

Kenya:

Makandara picnic site (0415S 3923E): **AMNH**: 257123; **CM**: 102213, 102214, 98016, 98017, 98018, 98019 - Tiwi, 1 km N (0414S 3934E): **CM**: 98020, 98021.

Liberia:

Kluga mountains (0825N 0945W): **AMNH**: 257054.

Rwanda:

Nyungwe forest reserve (0230S 2850E): **SMF**: 79444.

Hypsugo muscivulus (Thomas, 1913)**Cameroon:**

Bitye (03 13 N 12 22 E, 2000 ft): **BMNH**: 1913.2.8.1 - Bitye (0313N 1222E): **BMNH**: 1918.2.8.1, 1919.11.1.2, 1923.1.22.26, 1923.1.22.27 - Foulassi (0259N 1158E): **MHNG**: 914.42, 914.43, 914.44, 914.45, 914.46, 914.47 - Mawutu Village (0236N 1336E): **ROM**: 69135.

Congo (Democratic Republic of the):

Bata (0600S 1941E): **MNH**: 1892-223 - Bokuma (0006S 1841E): **RMCA**: 22049.

Gabon:

Gabon: **AMNH**: 54441 - Makokou (0038N 1247E): **MNH**: 1985-1929.

Ghana:

Bibianaha (0628N 0220W): **BMNH**: 1912.2.27.15.

Sierra Leone:

Fintonia, 5.7 km NE (0942N 1211W): **USNM**: 547020 - Tasso island (0833N 1304W): **BMNH**: 1934.11.16.1.

Hypsugo savii (Bonaparte, 1837)**Algeria:**

Tamanrasset (2250N 0526E): **CM**: 79138, 79139, 79140, 79141, 79142 - Tikjda (3627N 0400E): **HZM**: 6.21813.

Benin:

Bimbereke (1014N 0240E): **USNM**: 421392.

Canary Islands [Spain]:

La Palma (28 40 N 17 50 W): **BMNH**: 1907.1.1.423 (*Type Scotophilus darwini*).

Cape Verde:

Fogo island (1455N 2425W): **BMNH**: 1805.12.61, 1805.12.62; **MZUF**: 47910a, 47910b; **USNM**: 142555, 142556 - São Vicente island (1650N 2500W): **MZUF**: 12222, 1399.

Italy:

Pisa: **BMNH**: 1907.1.1.732 (*Type Vespertilio Savii*).

Morocco:

Chechaouen (3519N 0516W): **USNM**: 476626.

Laephotis angolensis Monard, 1935

Angola:

Dande [= Dando], 35 km E (1110S 1710E): **AMNH**: 87244 - Tshumbe [=syn Tyhumbwe, Tyhumbwe, Chiumbe] river, tributary of Kasai river (1102S 2004 E): **AMNH**: 7; **MHNC**: type1 (*Holotype Laephotis angolensis*), x1, x2.

Congo (Democratic Republic of the):

Mumene (1107S 2808E): **BMNH**: 1957.437 - Musonge (1107S 2808E): **BMNH**: 1957.435.

Unknown Country:

: **MHNC**: x3.

Laephotis botswanae Setzer, 1971

Angola:

Huila (1504S 1332E): **FMNH**: 83605, 84120.

Botswana:

Kurunaraga [= Xugana Lagoon] (1940S 2250E): **NHMZ**: 59310 - Shakawe, 50 mi W, 12 mi S (1833S 2118E): **USNM**: 425349 (*Holotype Laephotis botswanae*).

Congo (Democratic Republic of the):

Mumene (1107S 2808E): **BMNH**: 1957.436, 1957.438; **RMCA**: 26402, 26403, 26404, 26405, 26406, 26407; **SMF**: 16868, 16869 - Musonge (1107S 2808E): **SMF**: 16869a.

Malawi:

Bone's Garden, 16th Avenue (1523S 3519E, 800-900m): **DCDH**: 2269, 2456, 2682 - Chagwa dam (1521S 3520E): **DCDH**: 3012 - Chipata Camp (1304S 3356E, 1350m): **DCDH**: 2937 - Kapalasa Farm (1531S 3511E, 1000m): **DCDH**: 2972, 2992 - Kapino dam (1531S 3511E, 1000m): **DCDH**: 3040 - Likabula mission (1557S 3524E): **TM**: 44544 - Luwawa dam (1207S 3344E, 1700m): **DCDH**: 2673 - Mpalanganga Dam (1527S 3515E, 1100m): **DCDH**: 2855.

South Africa:

Game Valley Estates (2954S 3003E): **DNSM**: 5351, 6898, 6899 - Maditobe Witsand Dam (2241S 3102E): **TM**: 38123, 38153, 38154, 38155 - Waterberg, Farm Klipfontein 54JS (2408S 2808E): **TM**: 39946, 40107 - Waterberg, Lapalala Wilderness area (2351S 2809E): **TM**: 39796.

Tanzania:

Ugano Plantation (1106S 3455E, 1560m): **NMW**: 19823.

Zambia:

Kabompo [=Kabompo boma] (1338S 2408E): **NHMZ**: 9111 - Livingston [1752S 2551E] and Lochinvar [1551S 2714E], between: **NHMZ**: 2801 - Ndola (1258S 2838E): **HZM**: 1.2533 - Solwezi Boma (1210S 2623E): **BMNH**: 1955.1134, 1955.1135.

Zimbabwe:

Hostes Nicoll Research Institute (1810S 2813E): **NHMZ**: 59330 - Hwange [=Wankie] National Park (1837S 2652E, 3000ft): **FMNH**: 152728 - Lunare valley (2036S 2852E): **NHMZ**: 29992 - Mtshavezi valley (2036S 2852E): **NHMZ**: 29592 - Sebakwe River (ca. 1855S 3050E): **NHMZ**: 58131 - Sengwa Wildlife Research Station (1810S 2813E): **NHMZ**: 30030, 63201, 63202; **TM**: 34964.

Laephotis namibensis Setzer, 1971

Namibia:

Farm Klein Aus 8 (2639S 1613E): **TM**: 37547, 37548 - Farm Zwartmodder 101 (2454S 1617E): **TM**: 37586, 37608, 37609 - Helmeringshausen (2645S 1615E): **TM**: 33472 - Namibia Desert Research Station [= DERU] (2333S 1503E): **USNM**: 342152 (*Holotype Laephotis namibensis*), 342153 - Waterberg district: **SAMC**: 3967.

South Africa:

Cederberg, Algeria State Forest, campsite (3221S 1903E): **SAMC**: 41415, 41417; **TM**: 28316, 38426.

Laephotis wintoni Thomas, 1901

Ethiopia:

Beletta forest (0732N 3633E, 2050 m): **ZMMU**: s-165956, s-165957 - Koka (0827N 3906E, 1700 m): **BMNH**: 1972.4397, 1972.4398, 1972.4399.

German East Africa:

: **ZMB**: 12224.

Kenya:

Kitui (0122S 3801E, 3 500 ft): **BMNH**: 1901.5.6.5 (*Holotype Laephotis Wintoni*) - Namanga (0233S 3648E): **ROM**: 36368 - Nanyuki [=Nanguki] (0001N 3704E): **ROM**: 66245 - Nyeri (0024S 3657E, 6000ft): **HZM**: 2.3020.

Lesotho:

Sehlabathebe National Park, small dam (2951S 2906E): **NMB**: 6686, 6687, 6688, 6697, 6698.

South Africa:

Farm Schaapplaas 1785 (ca. 2837S 2822E): **NMB**: 6378, 6379.

Tanzania:

Kibebe farms (0747S 3545E): **FMNH**: 171300 - Mazumbai Forest Reserve (0425S 3815E): **SMF**: 66961.

Mimetillus moloneyi (Thomas, 1891)

Angola:

Chitau (1117Ac): **AMNH**: 85528, 88093, 88098, 88113, 88599.

Cameroon:

Abidjan, 15 km NW: **AMNH**: 241052, 241053 - Bipindi, Kribi, Bez (0306N 1030E): **ZMB**: 54282 - Eseka, 9 km N: **AMNH**: 241050 - Kumba, 15 km S (0439N 0926E): **ROM**: 55758 - Lomie (0309N 1335E): **ROM**: 57124 - Lomie, 40 km N (0309N 1335E): **ROM**: 57153 - Mawutu Village (0424N 0913E): **ROM**: 69130 - Njombo River (0339N 1158E): **ROM**: 57064, 57065, 57066, 57164, 57165, 57210, 57211 - no specific locality: **ZMB**: 54379 - Obala, 12 km S, 4 km E (0410N 1132E): **ROM**: 55624, 56135 - Obala, 82 km NE: **AMNH**: 241051.

Congo (Democratic Republic of the):

Avakubi (0118N 2735E): **AMNH**: 49305 - Babeke Isai River: **HZM**: 2.7802, 3.7803, 4.7804 - Kisangani: **AMNH**: 48858 - Lubumbashi (ca. 1130S 2720E): **RMCA**: 16496 - Medje (0225N 2718E): **AMNH**: 48859, 49198.

Equatorial Guinea:

Banlesbeni: **BMNH**: 1904.7.1.38, 1904.7.1.39, 1904.7.1.40, 1904.7.1.41.

Kenya:

Endebess: **ROM**: 67962 - Kakamega Forest (0016S 3453E): **AMNH**: 238489, 238490; **HZM**: 5.8497; **ROM**: 81290, 91232 - Kipsain: **HZM**: 6.12752 - Mara River (0131N 3356E): **ROM**: 41773, 41774 - Morok River (0020N 3538E): **ROM**: 75421 - Mukanda Stream: **ROM**: 74492 - Tana River: **LACM**: 28010, 28011 - Wei Wei River (0129N 3526E): **BMNH**: 1975.2608; **LACM**: 36527, 36528, 36529, 36530; **ROM**: 38254, 38255, 38321 - Wei Wei River (0135N 3531E): **ROM**: 65850, 65888.

Mozambique:

Zinave, 2 km S (2121S 3351E): **NHMZ**: 63199.

Nigeria:

Lagos (0627N 0323E): **BMNH**: 1891.5.5.2.

Sierra Leone:

Bo School: **HZM**: 1.495 - Tasso Island: **BMNH**: 1924.2.1.3.

Sudan:

Yambio (0434N 2823E): **ROM**: 72090, 72091.

Tanzania:

Liwale (0946S 3755E): **BMNH**: 1964.1786, 1964.1787, 1964.1788.

Uganda:

Bunyoro (0145N 3135E): **LACM**: 52063; **ROM**: 40143, 46708 - Impenetrable Forest: **LACM**: 52065 - Ntandi (0048N 3008E, 2300ft): **LACM**: 52064.

Zambia:

Luangwa River (1245S 3205E): **LACM**: 69905 - Ndola (1258S 2838E): **BMNH**: 1920.11.3.28 Duplicate - Pwira Pan (1354S 2751E): **NHMZ**: 63522 - Zambezi [= Balovale] (1333S 2307E): **AMNH**: 115851, 115852, 115853, 115854, 115855, 115856, 115857, 115858, 115859.

Mimetillus thomasi Hinton, 1920

Zambia:

Ndola (1258S 2838E): **BMNH**: 1920.11.3.28 - Vic.

Neoromicia Roberts, 1926

Zimbabwe:

Nyanga National Park: **DNSM**: 7021.

Neoromicia brunneus (Thomas, 1880)

Cameroon:

Ambam, 13 km S, 5 km E (0216N 1121E): **CM**: 58498, 58499 - Bake river bridge (0516N 0913E): **CM**: 108028 - Cameroon: **RMCA**: 77-032-M-0198 - Edéa (0348N 1014E): **ZMB**: T10307 - Eseka (0339N 1046E): **AMNH**: 236320; **CM**: 41051 - Eseka, 3 km S, 3 km W (0337N 1045E): **CM**: 58500, 58501 - Yaoundé, 16 km S, 2 km E (0343N 1132E): **CM**: 58513 - Yaoundé, 7 km S, 8 km W (0348N 1127E): **CM**: 58502, 58503, 58504, 58505 - Yaoundé, 9 km S, 10 km W (0347N 1125E): **CM**: 58506, 58507, 58508, 58509, 58510, 58511, 58512.

Congo (Democratic Republic of the):

Lukolela (0110S 1711E): **AMNH**: 86933.

Cote D'Ivoire:

Banco, forêt de (0525N 0403W): **USNM**: 429937, 429938, 429939, 429940, 468174 - Ivory Coast: **RMCA**: coll:B181, coll:B182, coll:B183.

Côte d'Ivoire:

Adiopodoumé (0519N 0408W): **RMCA**: 35681, 35682, 35683, 35684.

Gabon:

Cap Esterias (0037N 0920E): **CM**: 90802.

Ghana:

Nkawkaw, 1 mi N (0633N 0044W): **USNM**: 412123, 412124.

Liberia:

John Town (0825N 0945W): **AMNH**: 257056.

Nigeria:

Calabar (0456N 0822E): **BMNH**: 1880.7.21.7 (*Holotype Vesperugo (Vesperus) brunneus*).

Sierra Leone:

Fintonia, 5.8 km E (0940N 1210W): **USNM**: 547026 - Segbwemba (0759N 1057W): **USNM**: 462849.

Neoromicia capensis (A. Smith, 1829)

"Africa":

Great lakes area, East Africa: **MNH**: 1895-409 - South Africa: **BMNH**: 1848.6.12.18 (*Lectotype Vespertilio capensis*).

Angola:

Chitau (1115S 1701E): **AMNH**: 88094, 88097; **CM**: 7017, 7018 - Huila (1504S 1332E): **FMNH**: 84121 - Humpata (1502S 1324E): **AMNH**: 87633.

Benin:

Soubroukou (0941N 0138E): **USNM**: 438945.

Botswana:

Artesia (2404S 2615E): **ZFMK**: 64.107 - Drodsky cave (2003S 2130E): **SMF**: 54257 - Francistown (2111S 2752E): **HZM**: 32.4380, 33.4383, 34.4384; **ZFMK**: 65.534, 65.535, 65.536 - Mababe Flats (1845S 2415E): **FMNH**: 38473 - Mamono, 150 mi S: **USNM**: 425335, 425336 - Maun (1959S 2325E): **TM**: 6548 - Maun (2000S 2325E): **FMNH**: 38471, 38472 - Nekate [= Nekati] (ca. 2000S 2620E): **TM**: 6549 (*Type Eptesicus capensis nkatiensis*) - N'kata (2015S 2600E): **FMNH**: 38474 - Nokaneng, 15 mi N (1925S 2216E): **USNM**: 425328, 425329 - Nthane (2122S 2622E): **NHMZ**: 64072, 64079, 64080, 64082, 64083, 64098, 64100, 64102, 64105 - Serowe, 40 mi NW (2223S 2643E): **HZM**: 35.4513, 36.4514 - Shakawe, 50 mi W, 12 mi S (1833S 2102E): **USNM**: 425327, 425331, 425332, 425333 - Tamafuhi (2116S 2610E): **HZM**: 29.4041 - Tamafupi (2116S 2610E): **HZM**: 28.4040 - Tsane (2401S 2150E): **HZM**: 14.2612, 23.3458, 24.3471; **USNM**: 322933, 322934, 322935, 322936, 322937, 322938, 322939, 322940, 322941, 322942.

Burundi:

Makamba (0408S 2949E): **MHNG**: 1607.97.

Congo:

Mayumbe (0430S 1230E): **RMCA**: 90-012-M-0001.

Congo (Democratic Republic of the):

Bagbele (0420N 2916E): **KBIN**: 13840A, 13840B, 13840C - Boende (0014N 2050E): **RMCA**: 38718b, 38725b - Buta (0249N 2450E): **RMCA**: 12590 - Cellule II (0355N 2920E): **RMCA**: 36860, 36861 - Garamba Park (0411N 3000E): **AMNH**: 49340 (*Type Eptesicus garambae*); **KBIN**: 13841L, 13841M, 13841N, 13841O, 13841P; **RMCA**: 36852, 36862 - Kisantu (0508S 1509E): **RMCA**: 6560 - Leopoldville [=Kinshasa] (0418S 1518E): **KBIN**: 14507 - Luebo (0520S 2133E): **RMCA**: 7309 - Lusinga (0853S 2715E): **KBIN**: 10707 - Mabanga (0420N 2954E): **KBIN**: 13848A, 13848B; **RMCA**: 36863.

Eritrea:

Adi Ugri (1453N 3849E): **MZUF**: 5365b?.

Ethiopia:

Abaya, W coast lake (0613N 3749E): **MNHN**: 1972-491A, 1972-491B - Bulcha Forest (0611N 3810E): **CM**: 52651 - Ethiopia: **SMF**: 52386 - Garairobi Lake: **ZMB**: 43911 - Ghinir, 7 km from (0710N 4042E): **MNHN**: 1972-492 - Harairobo, lake (0819N 3905E): **ZFMK**: 77.1009, 77.1010.

Kenya:

Barberton Farm (0102N 3500E): **USNM**: 350981, 350983 - Karen (0120S 3644E): **USNM**: 436730 - Lemek hill (0105S 3523E): **USNM**: 350979 - Lukenya, mount (0128S 3703E): **FMNH**: 17210, 18428 - Maji Mota (0013N 3606E): **USNM**: 436735 - Mara river, 15 mi up (0131S 3356E): **USNM**: 350978 - Nairobi (0117S 3652E): **CAS**: 11954 - Ruivi: **SMF**: 35851.

Lesotho:

Botsoela [= Malealea] (2950S 2715E): **NMB**: 8654, 8655, 8657 - Fort Hartley, 10 mi NE [=Quthing, 10 mi NE] (3020S 2745E): **USNM**: 422510, 422511, 422512, 422513, 422514, 422515, 422516, 422517, 422518 - Marakabei (2937S 2807E): **NMB**: 7270, 7354 - Quthing (3011S 2752E): **NMB**: 8223, 8224, 8225, 8226, 8227, 8228, 8229 - Teyateyaneng (2927BA): **TM**: 7381, 7382.

Liberia:

Nimba, mount (0739N 0830W): **KBIN**: 16786.

Madagascar:

Andreaba (2231S 4650E): **MNHN**: 1985-1052 - Ivohiho: **MNHN**: 1947-860 - Madagascar: **MNHN**: 1890-211 - Tananarive (1855S 4731E): **MNHN**: 1957-1447.

Malawi:

Chimpeni Estate (1524S 3526E): **DCDH**: 3031, 3034 - Dzalanyama Forest Reserve (1418S 3329E): **DCDH**: 3128 - Kapalasa Farm (1531S 3511E): **DCDH**: 2995, 3041 - Kasungu national park (1303S 3309E): **BMNH**: 1987.1125; **DCDH**: 2619, 2626 - Likabula mission (1557S 3524E): **TM**: 41796 - Lilongwe (1359S 3346E): **HZM**: 6.2208 - Liwonde National Park (1502S 3515E): **DCDH**: 2984 - Luwawa dam (1207S 3344E, 1700m): **DCDH**: 2664, 2669 - Ncheu [=Ntcheu] (1449S 3438E): **TM**: 41028, 41029, 9168 - Thondwe (1527S 3515E): **DCDH**: 2857 - Zomba town (1523S 3519E): **DCDH**: 2225, 2355, 2430.

Namibia:

Etosha Pan (1832S 1649E, 3373 ft): **BMNH**: CN1083, CN1084, CN1097, CN1098 - Farm 397 (2212S 1858E): **TM**: 6057 - Farm Rheinvels (2657S 1726E): **TM**: 32547, 32548, 32567 - Farm Sandfontein 468 (2223S 1908E): **KM**: 2122, 2123, 2127, 2128, 2130, 2131, 2136, 2138, 2139, 2140, 2143, 2144, 2146 - Karakuwisa (1857S 1843E): **SMF**: 26986 - Karibib or Okahandja: **SMF**: 15446 - Karochos (2022S 1458E): **TM**: 9477 - Koës (2557S 1907E): **ZMB**: T09988 - Kuiseb River (2315Ca): **TM**: 14773, 14774 - Liebig's Ranch (2238S 1653E): **TM**: 8305, 8306, 8307, 8308, 8309 - Namibia: **FMNH**: 89453 - no specific locality: **ZMB**: 55521 - Okahandja (2159S 1658E): **FMNH**: 77500; **SMF**: 18173 - Omaruru (2122S 1524E): **TM**: 9476 - Omatagous (2158S 1655E): **TM**: 6834 - Ombonde Farm 616 (1933S 1432E): **CM**: 93179, 93180, 93181 - Omburo [=Omburu] (2114S 1612E): **ZMB**: 86231 - Ondongwa (3378 ft): **BMNH**: CN1149 - Osjiltambi farm: **FMNH**: 78158 - Quickborn (2109S 1705E): **TM**: 3380, 3381 - Rehderstal ranch: **AMNH**: 233005 - Ssannakanu village (1806S 2023E): **KM**: 2170, 2171, 2173, 2174, 2175, 2177, 2178, 2179 - Ssanukanu (1806S 2023E): **FMNH**: 48731, 48732, 48733, 48734 - Swartkop (2833S 1625E): **TM**: 32682, 32683, 32684, 32687 - Swartkop Diamond Area No.1 (2833S 1625E): **TM**: 32659, 32685 - Welverdien Farm 328 (2542S 1959E): **CM**: 93177.

Nigeria:

Chappal Waddi (0701N 1141E, 1900m): **SMNS**: 41342.

South Africa:

(245317S 304821E): **TM**: 47087 - ??? (2506.642S 3028.683E): **TM**: 47669, 47670, 47671 - 27 Arnold Road (2553S 2814E): **TM**: 47091, 47100 - 40 miles W of War Grave, Molopo River (2526Cc): **TM**: 7011 - Aliwal North (3026Dc): **NMB**: 5710, 5711, 5712 - Aliwal North (3026Dd): **NMB**: 4324 - Alma (ca. 2938S 2508E): **TM**: 11785, 7847 - Anthrax camp (2225S 3112E): **TM**: 36839, 36909, 37811, 37862 - Ashburton farm (2938S 3028E): **TM**: 33399 - Augrabies Falls National Park, causway (283548S 201948E): **MMK**: 7053 - Badplaas (2557S 3033E): **DNSM**: 5354, 5376 - Barberspan Provincial Nature Reserve (2534S 2635E): **TM**: 23465, 23466, 23467, 23468, 23469, 23470, 23481, 23482 - Barberton, 14 km NW (2547S 3054E): **CM**: 41022, 41054 - Barkly East (3027Db): **NMB**: 4989 - Barkly East

(3027Dc): **NMB**: 4560, 4562, 4563 - Bassutoland: **MNHN**: 1889-473 - Belfast Town: **NMB**: 7781 - Berg River (3352S 1907E): **TM**: 2282, 2285 - Bethlehem (2828Cb): **NMB**: 7660 - Bethulie (3025Db): **NMB**: 3747, 3748, 3754, 3755 - Birchleig (2606S 2813E): **TM**: 15181, 15957 - Blaney Nature Reserve (3252S 2723E): **BMNH**: 1925.7.9.4 - Blijdschap PNR (2315S 2946E): **TM**: 24174 - Bloemfontein: **NMB**: 4678 - Bloemfontein (2826Cd): **NMB**: 4103 - Bloemfontein (2926Aa): **NMB**: 1636, 1637, 1638, 1659, 1660, 1673, 2189, 2595, 2939, 3122, 3955, 6295, 6298, 6299, 6302, 6303 - Bobomene Research Camp (222550S 311250E): **TM**: 39496 - Boshof (2825Aa): **NMB**: 7849, 7850, 7851, 7853, 7854, 7855, 7856, 7857, 7858, 7859, 7872, 7873, 7874, 7875, 7876, 7877, 7878 - Boshof (2825Cb): **NMB**: 3187 - Boshof [Hertzogville] (2825Aa): **NMB**: 3777, 3780, 3783 - Boskop Dam Nature Reserve (2627Ca): **TM**: 41849, 41850 - Bothaville (2624S 2637E): **TM**: 2545 - Brandfort (2826Cc): **NMB**: 4292 - Brandfort (2838S 2623E): **TM**: 17041, 17042, 17043, 17044, 17045, 17046 - Bredill (2610S 2818E): **TM**: 39934 - Bronkhorstspuit Dam Nature Reserve (255608.5S 284116.0E): **TM**: 46875 - Brooklyn (2546S 2815E): **CM**: 40687 - Bryanston, 883 Lowdees Road (2604S 2805E): **TM**: 20859 - Bube pan (2747S 3212E): **TM**: 35309, 35310, 35311, 35312, 35313, 35314 - Bultfontein (2825Bd): **NMB**: 3018, 3019, 3020, 3021, 3022 - Burgers Park (2543S 2811E): **TM**: 14067, 14068 - Cape of Good Hope: **ZMB**: 39959 - Cape Town: **MCZ**: 4555 (*Holotype Scabrier notius*) - Cathcart (3218S 2708E): **AMNH**: 244305 - Cato Ridge, 3 km NE (2937S 3037E): **TM**: 25464 - Cederberg, Algeria State Forest (3221S 1903E): **TM**: 40632 - Cederberg, Algeria State Forest (3224S 1908E): **CM**: 94988, 94990 - Cederberg, Algeria State Forest, campsite (3221S 1903E): **SAMC**: 41452; **TM**: 35095, 35105, 38414, 38434, 38435 - Cederberg, Pakhuis Pass, Kliphuis camp site (320810.248S 19000.332E, 693m): **SAMC**: 41457 - Christian Brothers College (2544S 2816E): **TM**: 45986 - Compagnies Drift (3207S 1827E): **HZM**: 40.4741 - Cradock, 25 km SE (ca. 3211S 2537E): **CM**: 41025, 41026, 41027, 41028 - Cradock, 40 km NW (ca. 3211S 2537E): **CM**: 41029, 41031, 41032, 41033, 41034, 41035 - Craigadam (2730S 3121E): **TM**: 31728 - Culling camp (2225S 3115E): **TM**: 37834, 37835, 37836, 37837, 37838, 37839, 37840, 37843, 37935, 37936 - Dewetsdorp (2926Ad): **NMB**: 3584, 3629, 3630 - Diinza Forest (2854S 3127E): **DNSM**: 5355 - D'Nyala Provincial Nature Reserve (2245S 2750E): **TM**: 19950, 40932 - Doorndraai Dam Nature Reserve (2416S 2843E): **TM**: 44062 - Doornkraal Camp Site (2731S 3122E): **DNSM**: 5622, 5623, 5624 - Doornkraal campsite (273044S 311241E): **DNSM**: 5890, 5891; **TM**: 31754, 31755 - Dordrecht (3126Bd): **NMB**: 5127 - Dordrecht (3127Ca): **NMB**: 5814, 5815, 5816 - Dullstroom Town (25.42106S 30.10776E, 2003m): **TM**: 47668 - Dullstroom Town (252515.82S 300627.72E): **TM**: 47667 - Edenburg (2925Db): **NMB**: 3006, 3007 - Elliot (3127Bd): **NMB**: 4674, 4675 - Elliot (3128Ac): **NMB**: 4918 - Epping Crescent (2945S 3049E): **DNSM**: 7017 - Erfplaas windmill (2357S 3107E): **TM**: 36567, 36573, 36575, 36576, 36577, 36578 - Eshowe (2853S 3128E): **TM**: 5993 - Eshowe (2854S 3128E): **BMNH**: 1904.8.31.3 (*Type Vespertilio capensis gracilior*) - Excelcior (2856S 2704E): **HZM**: 1.711, 2.712 - Farm Aasvogelrand-Oost 291 (2652S 2722E): **NMB**: 5885, 5886, 5887, 5888, 5891, 5892, 5894, 5896, 5897 - Farm Al-te-ver 103 (2246S 2828E): **TM**: 26673, 26674 - Farm Badfontein 114JT, Kwena (2517.500S 3023.264E): **TM**: 47086 - Farm Blaauwbank 168JS: **TM**: 46476, 46477 - Farm Buffel Rivier Poort (3322S 2137E): **KM**: 29433, 29437, 29438, 29439, 29448 - Farm Deelfontein (ca. 3052S 2352E): **BMNH**: 1902.9.1.2 - Farm Duiwelskloof 376 [=Mokeetsij] (2340S 3005E): **TM**: 3038 - Farm Evergreen (2229Ca): **TM**: 32294 - Farm Ferndale (2538S 2624E): **TM**: 23287 - Farm Florisbad 686 (2846S 2605E): **NMB**: 7751, 7752, 7762, 7763, 7764, 7765, 7766, 7767, 7768, 7769, 7770, 7771, 7772, 7773, 7774, 7775, 7776, 7777 - Farm Gouna (3122S 2037E): **KM**: 28985, 28986, 28990, 28991, 28994, 28995 - Farm Greefswald 37 [=Mapungubwe], Shashi-Limpopo confluence (2213S 2922E): **TM**: 40103, 40104, 41417 - Farm Greefswald 37MS, Shashi-Limpopo confluence (2213S 2922E): **CM**: 105708, 105709, 105711, 105712 - Farm Groofofontein (2739S 2401E): **TM**: 35818, 35819, 35820, 35821, 35822, 35830, 35831, 35832, 35833, 35834, 35835, 35836, 35837, 35839, 35843, 35844, 35845, 35846, 35851, 35857, 35858, 35859, 35860, 35861, 35862, 35863, 35864, 35865, 35866, 35867, 35868, 35869, 35870, 35871, 35872, 35873 - Farm Groothoek 99 (242100S 290748E): **TM**: 23384, 23410 - Farm Hartebeesthoek (2447S 2745E): **TM**: 39430, 39431, 39432 - Farm Helena 780 (2653S 2723E): **NMB**: 3171 - Farm Kaalfontein 261, Ubumanzi Game Farm (2412S 2835E): **TM**: 45129 - Farm Keikampspoor 71 (2950S 2247E): **TM**: 27230, 27231, 27236, 27237, 27251, 27252, 27253, 27254, 27255, 27256, 27257, 27258, 27259, 27260, 27261, 27262, 27275, 27276, 27277, 27278, 27291 - Farm Kersefontein [=Berg River] (325413S 181951E): **DNSM**: 7192, 7193, 7196, 7199, 7200, 7204, 7205, 7206, 7207, 7208; **TM**: 2280, 2281, 2284 - Farm Klipsteen 67JT (2513.410S 3018.193E): **TM**: 47089 - Farm Leeuwspeer 647, on Pongola river (2725S 3152E): **TM**: 24961 - Farm Marthavale (2721S 2358E): **TM**: 28213, 28262, 28263, 28264, 28265 - Farm Nakaetsi 376 (2340S 3005E): **TM**: 2544, 3037 - Farm Narap (2953S 1745E): **TM**: 27935, 28002 - Farm Northern Kakamas, behind cottages at Khamkirri (2839S 2026E): **TM**: 47583 - Farm Nydas [=Cnydas] (2819S 2034E): **TM**: 32542, 32545 - Farm Okhotso Boekenhoutskloof (2528Cb): **TM**: 37103 - Farm Olivewood 284 (2710S 2249E): **CM**: 105699, 105700, 105701, 105702, 105703, 105704, 105705, 105706, 105707; **TM**: 41517, 41518, 41519, 41520 - Farm Onverwacht 544JT, Sjonajona (2545.628S 3042.076E): **TM**: 46630 - Farm Othawo 242, Sabie Sand Private Nature Reserve (2445S 3126E): **TM**: 24008, 24910, 24941 - Farm Ratsegaaai 204 (2622S 2632E): **TM**: 27752, 27767, 27768, 27769, 27772, 27773, 27774, 27775, 27776, 27777, 27778, 27779, 27780, 27781, 27782, 27783 - Farm Regina 68 [=V.L.N.R.] (222248S 291612E): **TM**: 45381 - Farm Rietfontein 404 (264600S 274330E): **TM**: 45799, 45800, 45801, 45802, 45803 - Farm Rolspruit 127 (2625S 2900E): **TM**: 27079 - Farm Roodepoort 386 (2655S 2923E): **TM**: 25056, 25057, 25058, 25059 - Farm Sterkspruit 33JT, Lydenburg Fisheries (250650S 302850E): **TM**: 47101 - Farm Tangala 87 (2427.5S 3110E): **TM**: 41158 - Farm Uityk 264JT, Buffelskloof Private Nature Reserve (2518S 3030E): **TM**: 46914 - Farm Urk 10, Blouberg Private Nature Reserve (2302S 2907E): **TM**: 24083, 24084, 24085, 24086, 24088, 24089, 24104 - Farm Victoriaspoort 18IT (2607S 3022E): **TM**: 46376 - Farm Vygeboschlaagte 236JQ (2520S 2801E): **TM**: 1070 - Farm Wagondrift 230 (3213S 1821E): **TM**: 39387, 39388, 39389, 39396, 39397, 39398, 39399, 39400, 39401, 39402 - Farm Waterval (2552.506S 3018.164E): **TM**: 47008, 47009, 47010, 47011 - Farm Welgedaan 292 (2741S 2514E): **TM**: 20832, 20833, 20841, 20842, 20843, 20844, 20845, 20846, 20847, 20848 - Farm Welgevonden 449 (2332S 2825E): **TM**: 23327 - Farm Witpoort 419 (2640S 2720E): **TM**: 23519, 23521, 23522 - Farm Woodstock (2734S 2322E): **TM**: 35705, 35728, 35729, 35730, 35731, 35732, 35733, 35734, 35735, 35736 - Farm Zeekoegats Drift (3337S 2137E): **KM**: 29453, 29454, 29455, 29462, 29463 - Farms Grootuikerboschkop & Elandsplaagte (2530Ac): **TM**: 23799, 23800, 23801, 23802, 23803, 23804, 23815 - Fauresmith (2925Cd): **NMB**: 3661, 3662, 3663, 3664 - Ficksburg (2827Dd): **NMB**: 6536, 6537 - Fig Tree Camp (2225S 3111E): **CM**: 98534, 98535, 98536 - Figtree camp (222550S 311150E): **TM**: 36123, 36124, 36125, 36560, 36561, 36618, 36707, 36708, 36710, 36711, 36758, 36796, 36864, 36919, 36920, 36921, 36929, 36930, 37000, 37437, 38164, 38168, 39460 - Figtree camp (2225S 3111E): **TM**: 36760 - Figtree forest (2225S 3115E): **TM**: 37679, 37681, 37692, 37693 - Fouriesburg (2828Cb): **NMB**: 4162, 4163 - Fram Middelwater 750 (2737S 2522E): **NMB**: 7802, 7803, 7804, 7805, 7806, 7807, 7808, 7809, 7810 - Game Valley Estates (2954S 3003E): **DNSM**: 6894 - Ganyesa (2632S 2407E): **MMK**: 7061 - Geelbek (3311S 1807E): **TM**: 41959 - Giants Castle Game Reserve (2921S 2929E): **TM**: 38390 - Goegap Nature Reserve (2940S 1759E): **TM**: 42097 - Goraas, Farm FrQ 2.9 (3110S 2135E): **TM**: 27363, 27364, 27365, 27366,

27367, 27368, 27369, 27370 - Grahamstown (3318S 2632E): **BMNH**: 1849.6.12.21 (**Lectotype** *Vespertilio capensis*) - Grahamstown (3318S 2635E): **TM**: 43148 - Groenkloof (2548S 2812E): **TM**: 46820, 47673 - Hanover (3124Ab): **NMB**: 8623, 8624, 8626 - Hans Merensky Nature Reserve (2340S 3041E): **TM**: 41109, 41110 - Harrismith (2828Bb): **NMB**: 7842, 7843, 7844, 7845, 7846, 7889 - Harrismith (2828Bd): **NMB**: 1533 - Harrismith (2829AC): **TM**: 12858, 12859 - Harrismith [Kestell] (2828Bd): **NMB**: 3367 - Harrismith [Warden] (2729Cc): **NMB**: 7701, 7704, 7730 - Harrismith district (2829AC): **TM**: 12860 - Heilbron (2727Bb): **NMB**: 3813, 3814, 3815, 3816, 3817 - Hennops River (2548S 2759E): **TM**: 3492, 3742 - Hluhluwe Game Reserve, Research camp (2804S 3202E): **TM**: 44392, 44395 - Hoopstad (2725Da): **NMB**: 11940 - Hoopstad (2725Dd): **NMB**: 12211 - Hout Bay (3404S 1822E): **AMNH**: 244306 - Howick, Lions River (2929S 3013E): **TM**: 41177 - Ingwavuma (2708S 3202E): **TM**: 7123 - Irene (2552S 2814E): **TM**: 46886, 47715, 47716 - Irene, Agricultural Research Council [= ARC] grounds: **TM**: 46819 - Itala Game Reserve (2731S 3122E): **DNSM**: 5625, 5626, 5627, 5628, 5892, 5893 - Itala [=Itala] Game Reserve, Main camp (2731S 3122E): **DNSM**: 5368 - Itala [=Itala] Game Reserve (2731S 3121E): **TM**: 31773, 31774, 31805 - Itala Game Reserve [=Itala Nature Reserve] (273336S 301236E): **DNSM**: 5894, 5899, 5902, 5903 - Jagersfontein Commonage (2925Cb): **NMB**: 7581, 7593, 7594, 7599, 7602, 7616, 7621, 7641, 7645, 7679, 7684, 7687, 7690, 7696, 7698 - Jagersfontein Commonage, Disused mine (2939S 2523E): **NMB**: 7578, 7579, 7584, 7585, 7595, 7600, 7601, 7603, 7604, 7605, 7606, 7609, 7611, 7617, 7618, 7619, 7625, 7629, 7633, 7634, 7635, 7636, 7639, 7642, 7643, 7646, 7647, 7675, 7677, 7680, 7681, 7682, 7683, 7685, 7686, 7688, 7689, 7691, 7692, 7693, 7694, 7695, 7697, 7699 - Jamestown (3126Bb): **NMB**: 5002, 5017 - Jamestown (3128Ba): **NMB**: 5634 - Jamestown (ca. 3107S 2652E): **NMB**: 4998, 5009, 5013, 5021, 5025 - Johannesburg: **TM**: 46846 - Johannesburg (2611S 2804E): **TM**: 1069, 43142 - Jonkershoek Nature Conservation Research Station (3400S 1858E): **TM**: 40550, 40557, 40558, 40559 - Jonkershoek research station (3400S 1858E): **CM**: 94991, 94992, 94993, 94994 - Kaggasmoudt (3207S 2637E): **KM**: 2036, 20188, 2022, 2035 - Kalahari Gemsbok National Park, Bayip (2537S 2037E): **TM**: 35680, 35688 - Kalahari Gemsbok National Park, Dankbaar (2537S 2037E): **TM**: 35681, 35689, 35690, 35691, 35692, 35693 - Kalahari Gemsbok National Park, Kameelsleep (2550S 2046E): **TM**: 17507, 38733, 38734 - Kalahari Gemsbok National Park, Leeuwdril (2607S 2051E): **TM**: 35604, 35605, 35606, 35607, 35608, 35609, 35610, 35611 - Kalahari Gemsbok National Park, Marie se Gat (2538S 2038E): **TM**: 35583, 35584, 35585, 35586, 35587, 35588, 35589, 35590, 35591, 35592, 35593, 35594, 35595, 35596, 35597, 35598, 35599, 35600, 35601, 35602, 35623, 35624, 35625, 35626, 35627, 35628, 35629, 35630, 35631, 35632, 35633, 35634, 35635, 35636, 35637, 35638, 35663, 35664, 35665, 35666, 35667, 35668, 35669, 35670, 35671, 35672, 35673, 35674, 35675, 35676, 35677 - Kalahari Gemsbok National Park, Mata Mata camp (2545S 1959E): **MMK**: 7070, 7071 - Kalahari Gemsbok National Park, Rooikop (2537S 2037E): **TM**: 35612, 35613, 35614, 35615, 35616, 35617, 35618, 35619, 35620, 35621, 35639, 35640, 35641, 35642, 35643, 35644, 35645, 35646, 35647, 35648, 35649, 35650, 35651, 35652, 35653, 35654, 35655, 35656, 35657, 35658 - Kamborg Nature Reserve (2923S 2943E): **TM**: 36099 - Karoo National Park (3220S 2233E): **TM**: 29512, 29513, 29531, 29604, 29613, 29614 - Khamkirri Private Game Reserve, site 2 (283859.06S 202639.48E): **TM**: 47580, 47585 - King William's Town (3252S 2723E): **KM**: 13280, 18135, 19297, 19369, 19374, 1998, 1999, 2003, 2004, 2005, 2006, 2007, 24306, 24307, 24308 - King Williamstown (3225S 2724E): **AMNH**: 146790, 168166 - Kleinpoort (3320S 2403E): **TM**: 6652 - Knysna (3402S 3303E): **TM**: 43146 - Koegelbeen Caves (2823Cb): **NMB**: 7508 - Koppies (2727Bc): **NMB**: 3381, 3382, 3383, 3392, 3393, 3394, 3395, 3413 - Krabbefontein (2303S 2954E): **TM**: 43149, 43150, 43151, 43152 - Kuruman (2727S 2325E): **BMNH**: 1904.10.1.10; **TM**: 35772, 35773, 35774, 35775, 35776, 35777, 35778, 35779, 35780, 35781, 35782, 35783, 35784, 35785, 35786, 35787, 35788, 35789, 35790, 35791, 35792, 35794, 35795, 35796, 35797, 35798, 35799, 35800, 35801, 35802, 35803, 35804, 35805, 35806, 35807, 35808, 35809, 35810, 35811, 35812, 35813 - Kyalami Kennels (2528CC): **TM**: 46884 - Lady Grey (3027Ca): **NMB**: 4212 - Ladybrand (2927Ab): **NMB**: 1690, 2631 - Ladybrand (2927Ac): **NMB**: 1697 - Ladybrand (2927Ba): **NMB**: 4060, 4061, 4062, 4063 - Ladyselborne (2542S 2808E): **TM**: 4768, 4769, 4770 - Lamberts Bay, 6 km E (3205S 1820E): **CM**: 41036, 41037, 41038, 41039, 41040, 41042, 41044, 41045 - Lamberts Bay, 8 km E (3205S 1820E): **CM**: 41043 - Lapalala Wilderness area, Farm Dubbelwater (2352S 2809E): **TM**: 39793 - Lapalala Wilderness Area, Weltevreden Research Station, roadside on road to (2352S 2809E): **TM**: 39899 - Letaba highwater bridge (2340S 3040E): **TM**: 39511, 39569 - Letaba restcamp, 1 km SE (2351S 3134E): **AMNH**: 257376 - Levuvhu River (2226S 3111E): **TM**: 36431, 36436, 36437, 36439 - Levuvhu Bridge (2225S 3111E): **TM**: 37032 - Levuvhu Hippo pool (2226S 3111E): **TM**: 30485, 30486, 30489, 30535, 30536, 34225 - Levuvhu Hippopool (2226S 3111E): **CM**: 69703, 69704, 69705 - Lombardy Willows (2546S 2820E): **TM**: 12801, 12802 - Longtoon dam (2251S 3123E): **CM**: 69690, 69691 - Loskop windmill (2458S 3155E): **TM**: 39706 - Loster (2552S 2654E): **TM**: 2951 - Loteni Nature Reserve (292700S 293148E): **DNSM**: 1912, 1947 - Loteni Nature Reserve (2927S 2932E): **DNSM**: 1909, 1910, 1911, 1941, 1942, 1943, 1944, 1945, 1946, 1949 - Luckhoff (2924Cb): **NMB**: 8758, 8759 - Luckhoff (2924Db): **NMB**: 2915, 2916 - Lydenburg (2506S 3027E): **TM**: 43143 - Lydenburg (2510S 3029E): **ZMB**: 54266, 54267, 54271, 54273, 54274, 54279, 54281, 54451, 54581, 55515 - Lydenburg Fisheries: **TM**: 47733 - Lydenburg Krantz (2506S 3027E): **TM**: 43140, 43141 - Maclear (3028Cb): **NMB**: 5834, 5835 - Maclear (3028Cc): **NMB**: 5927 - Maclear (3028Cd): **NMB**: 5883 - Maditobe [= Witsand] Dam (2241S 3102E): **TM**: 39483, 39484 - Maditobepan (2241S 3102E): **CM**: 98537, 98538, 98539, 98540, 98541, 98542, 98543, 98544 - Mafikeng, 5 km outside: **TM**: 46440 - Magamba windmill (2224600S 311130E): **TM**: 37226, 37227 - Mahogany Drive (2241S 3101E): **TM**: 29903 - Makalali (2359S 3150E): **TM**: 38263 - Malalane area (2528S 3130E): **TM**: 30031, 30032 - Malibali pan (2747S 3212E): **TM**: 35246, 35247, 35249 - Manaba (2715S 3226E): **TM**: 6076 - Manditobe dam (2241S 3102E): **TM**: 37291 - Manxeba [=Maxeba] windmill (2224S 3114E): **TM**: 37120, 37231, 37941 - Manyeleti Game Reserve, main camp (2438S 3128E): **TM**: 38883 - Maria van Riebeeck Nature Reserve (255248S 281648E): **TM**: 19593, 19594, 19595 - Mashikiri windmill (2235S 3111E): **TM**: 36801, 36802, 36803, 36804, 36887, 36888 - Masinda Camp (2821S 3159E): **TM**: 38690 - Merrivale (2930S 3015E): **DNSM**: 5387 - Messina (2221S 3003E): **DNSM**: 5398 - Messina Nature Reserve (2223S 3003E): **DNSM**: 5396; **TM**: 44203 - Mkuzi Game Reserve (2738S 3216E): **DNSM**: 5380, 5400 - Mockford's Garden (2225S 3118E): **CM**: 69692; **TM**: 37850, 37851, 39464 - Modderfontein (2606S 2810E): **TM**: 43144 - Mogale City [=Krugersdorp] (2606S 2746E): **BMNH**: 1898.4.4.8, 1898.4.4.9 - Molopo Nature Reserve (2558S 2255E): **TM**: 45475, 45739 - Molopo Nature Reserve, swimming tank (2558S 2255E): **MMK**: 7062, 7063 - Mooi River district (ca. 2913S 2959E): **NM**: 814, 816, 818 - Motale River (2230S 3050E): **TM**: 7468 - Mount Currie Nature Reserve (3025S 2930E): **TM**: 38106, 38108 - Msinga pan (2747S 3212E): **TM**: 35322, 35323, 35324, 35325, 35326 - Mtambanana (3150S 2916E): **TM**: 3023 - Municipal Bird Sanctuary (272641S 232531E, 1314m): **TM**: 44442, 44443, 44444, 44445, 44446, 44447, 44448, 44449, 44450, 44451, 44452, 44453, 44454, 44455, 44456, 44457, 44473, 44474, 44475, 44476, 44477 - Murraysburg, NW of (3152S 2337E): **KM**: 24511, 24512, 24513, 24514, 24515, 24516, 24517, 24518, 24532, 24534, 24535, 24536, 24537, 24538, 24539, 24663 - Natal Midlands, Nottingham Road, Clifton school (2921S 3000E): **DNSM**: 5873 - Natures Valley Village (3358S 2336E): **CM**: 94995, 94996, 94997; **TM**: 40524, 40525, 40526, 40527 - near Muldersdrift (260148.1S

274644.0E): **TM:** 46876 - near Stutterheim (ca. 3234S 2725E): **KM:** 19632 - Nelspruit (2527S 3054E): **TM:** 42747, 42748 - Nelspruit (2528S 3059E): **TM:** 2343, 42721 - New Figtree camp (2225S 3111E): **TM:** 38842 - New figtree forest (2225S 3118E): **TM:** 37859 - New Hanover school (2922S 3037E): **DNSM:** 7020 - New Muckleneuk (2543S 2811E): **TM:** 9988 - Newton Park (3358S 2538E): **TM:** 39298 - Northern Sewage Works (2952S 31E): **TM:** 36192 - Nylsvlei Nature Reserve (2440S 2843E): **TM:** 25619, 38959 - Nylsvlei Provincial Nature Reserve (2429S 2842E): **TM:** 43420 - Old Picnic Site (222530S 3118E): **TM:** 37923 - Old picnic site (2225S 3118E): **TM:** 36536, 36629, 36630, 36632, 37035, 37036, 37037, 37068, 37081, 37819, 37823, 37921, 37922, 37927, 37930, 37931, 37932, 37933, 39507 - Olifants Rest Camp, 7 km W (2401S 3139E): **TM:** 39601, 39602, 39603 - Olifants River (3221S 1857E): **MMK:** 7036, 7037 - Olifants, 7 km W: **AMNH:** 257386 - Olifantsfontein, 42 Oribi Ave (2612S 2805E): **TM:** 45127 - Onderstepoort (2537S 2812E): **TM:** 11783, 11784, 9425 - Orange River confluence (2814S 2818E): **BMMH:** 1902.4.3.1 - Orange River, near south bank (2822S 2107E): **SAMC:** 17074 - Pafuri (2225S 3016E): **TM:** 38285 - Pafuri (2225S 3111E): **AMNH:** 257377 - Pafuri (2225S 3115E): **TM:** 47135 - Pafuri, Figtree Forest, downstream (2225S 3115E): **TM:** 37451, 37452 - Percy Fyfe Nature Reserve (2402S 2908E): **TM:** 44207, 44210 - Philippolis (3024Bb): **NMB:** 1661, 1662, 1663 - Philippolis (3025Cb): **NMB:** 3719, 3720, 3721 - Philippolis (3025Ac): **NMB:** 11280, 11281 - Picnic site (2225S 3115E): **TM:** 41732, 41733, 41734, 41735, 41736 - Pietersburg, farm near: **TM:** 42722 - Potgietersrus (2411S 2900E): **TM:** 43147 - Potgietersrus (2411S 2911E): **TM:** 2437, 2438 - Pretoria (2540S 2820E): **TM:** 43153, 43154, 43155, 43156, 43157, 43158, 43159 - Pretoria (2543S 2811E): **MZUF:** 3596; **TM:** 10030, 10037, 41023, 4924, 4940, 6876, 7383, 7440 - Pretoria Zoo's farm (2607S 2612E): **TM:** 27670 - Pretoria, 38 Andries Street (2443S 2811E): **TM:** 1071 - Punda Maria camp, 2 km N (2241S 3102E): **AMNH:** 257380 - Punda Maria, 15 km E (2241S 3102E): **AMNH:** 257378, 257387 - Punda Milia (2242S 3100E): **TM:** 30654 - Punda Milia Camp (2241S 3102E): **CM:** 69693 - Queenswood: **TM:** 45126 - Qwa-Qwa National Park (2828Da): **NMB:** 9231 - Rhenosterkoppies (2508S 3137E): **TM:** 37296, 37297, 37298, 37299, 37300, 37301, 39726, 39727, 39728, 39729 - Riebeeckstad (2726Dd): **NMB:** 3264, 3265, 3266, 3267, 3268, 3269 - Rietondale, 177 Lys Street (2544S 2814E): **TM:** 47099 - Rissik Private Nature Reserve (2453S 2827E): **TM:** 20656, 20657, 20658, 20689 - Roodeval Camp, 2 km SE (2530S 2634E): **AMNH:** 257381 - Roodewal private camp, 2 km SE (2408S 3136E): **TM:** 39680, 39681, 39691 - Royal Natal National Park (2841S 2856E): **DNSM:** 2389, 2417, 2418 - Rustenburg Nature Reserve (2543.07S 2711.26E): **TM:** 45580 - S A Lombaard Nature reserve (2736S 2529E): **TM:** 44202 - Sabie river bank (2457S 3138E): **TM:** 42084, 42085, 42089, 42092 - Sabie River, north bank (2458S 3140E): **TM:** 39703, 39736, 39737 - Satara, 8 km E, old bridge over Nwanedzi River (2424S 3150E): **TM:** 39620, 39628, 39629, 39630 - SE Elandsbaai, Farm Groote Drift (3238S, 1838E): **KM:** 29004, 29005, 29007, 29009, 29010, 29011 - Senekal (2727Dc): **NMB:** 3291, 3292 - Senekal (2827Bc): **NMB:** 3137, 3138, 3139, 3140 - Shashanga windmill (2240S 3059E): **CM:** 69694, 69697, 69698, 69699, 69700, 69701, 69702; **TM:** 30685, 30686 - Skukuza (2459S 3135E): **TM:** 30055, 30056, 30057, 30058, 30059, 30060, 30068, 30074, 30075 - Skukuza, 1.5 km NW, Dense woodland upper reaches of Western Water Reservoir (2459S 3135E): **TM:** 39762, 39763 - Spioenkop Dam, Mabamnyama Staff House (284040S 293035E): **TM:** 40068 - Spioenkop Nature Reserve (2842S 2915E): **TM:** 40728 - Stilbaai (3422S 2125E): **TM:** 8970, 8971, 8972, 8973, 8974, 8975, 8976 - Suikerbosrand [=Suikerboschrand] Nature Reserve (2630S 2813E): **DNSM:** 6900; **TM:** 41686, 46421 - Sunnyside (2445S 2812E): **TM:** 2439 - Sunnyside (2545S 2815E): **TM:** 42738 - Swartkop (2833S 1625E): **TM:** 32686 - Sycamore Station (2537S 3026E): **TM:** 5254 - Taung (2737S 2437E): **ZMA:** 22.230, 22.231, 22.653, 22.654, 22.655, 22.658, 22.659, 22.660 - Thaba Nchu (2926Bb): **NMB:** 2955, 2956 - Townlands (2543S 2811E): **CM:** 40688 - Townlands of Mathinus Wesselstroom: **TM:** 47105 - Tshalungwa Fountain [=Shalungwafontein, Tshalungwafontein] (2233S 3104E): **TM:** 36772, 36773, 36774, 36779 - Tweespruit: **TM:** 42749, 42750, 42751, 42752, 42753 - Uitenhage district (3345S 2525E): **HZM:** 39.4711 - Umfolozi Game Reserve (2821S 3159E): **TM:** 3022 - Ventersburg (2827Aa): **NMB:** 2934, 2935, 2936, 2937, 2938 - Ventersburg (2827Ab): **NMB:** 1798, 2489, 2490, 2491 - Verwoerdburg (2550S 2812E): **TM:** 34164 - Verwoerdburg, suburban garden (2528Cc): **TM:** 34163 - Vrede (2729Ad): **NMB:** 3556, 3557 - Vrede (2729Ca): **NMB:** 3148, 3149 - Vredefort (2627Cd): **NMB:** 5893, 5895 - Vredefort Road (2655S 2722E): **BMMH:** 1904.3.1.3, 1904.3.1.51 - Vrolijkheid Nature Reserve (3354S 1953E): **DNSM:** 7194, 7195, 7197, 7198, 7202, 7203 - Wakkerstroom (2721S 3009E): **TM:** 39852, 39853, 39866 - Wakkerstroom (2721S 3009E, 6700ft): **TM:** 39865 - Walmer (3359S 2535E): **HZM:** 38.4710 - Wardens house, attic (2747S 3212E): **TM:** 35270 - Waterberg Game Farm, at small man-made ponds within camp (240659S 282317E, 1410m): **TM:** 46399 - Waterberg, Farm Klipfontein 54JS (2408S 2808E): **TM:** 31272, 31273, 39415, 39416, 39523, 39524, 39525, 39526, 39527, 39528, 39563, 39564, 39565, 39566, 39567, 39568, 39816, 39888, 39893, 39900, 39902, 39943, 39944, 39952, 39953, 39974, 39977, 39978, 39984, 39985, 39990, 39997, 40037, 40038, 40039, 40040, 40178, 40180, 40185, 40237, 40238, 40239, 40240, 40241, 40242, 40243, 40244, 40245, 40246, 40247, 41367, 41368, 41369, 41370, 41371, 41372, 41373, 41374, 41375, 41376 - Waterberg, Vaalwater (2418S 2807E): **TM:** 6942 - Weenen Nature Reserve (285120S 295955E): **DNSM:** 2319; **TM:** 38388 - Weenen Nature Reserve (285120S 295955E, 1070m): **TM:** 38491 - Weston Agricultural College (291245S 300215E): **TM:** 38592 - Westriding (2952S 3100E): **DNSM:** 5889 - Westriding, 14 Marion Road (2947S 3046E): **DNSM:** 5881, 5882 - Westriding, 22 Ashley Road (2947S 3046E): **DNSM:** 7018 - Wilro Park: **TM:** 45119 - Winburg (2827Cc): **NMB:** 10563, 10564, 10565 - Winburg [Exelsior] (2827Cd): **NMB:** 5898, 5899, 5901 - Witwatersrand, Langlaagte (2613S 2758E): **TM:** 43145 - Wolvespruit Nature Reserve (272500S 261950E): **TM:** 45045 - Wonderkop Nature Reserve (231250S 283930E): **TM:** 44606 - Wonderwerk Cave (2749S 2335E): **MMK:** 7064, 7065, 7066, 7067 - Zastron (3026Bb): **NMB:** 5972, 5973, 5974, 5975, 5976, 5977, 5978, 5979, 5980 - Zastron (3027Ab): **NMB:** 8128 - Zebedula (2418S 2915E): **TM:** 12588 - Zoetvlei (2657S 2444E): **TM:** 6843.

Sudan:

Torit (0427N 3231E): **FMMH:** 77634, 78226.

Swaziland:

Bethlehem Mission (2651S 3056E): **TM:** 45646, 45647 - Dwalile Primary School (2640S 3048E): **TM:** 45648, 45649 - Ekuphakameni High School (2648S 3109E): **TM:** 45641 - Forbes Gold Mine [=Forbes Reef Gold Mine] (2609S 3106E): **TM:** 47725 - Luyengo (2635S 3112E): **TM:** 45707 - Maguga (2631Aa): **NMB:** 11557, 11558 - Malolotja Game Reserve (2631Aa): **TM:** 39549 - Ngcoseni Primary (2646S 3104E): **TM:** 45642, 45643, 45644, 45645, 45673, 45674, 45675, 45676, 45677 - Rosecraft (2638S 3117E): **TM:** 47711, 47712.

Tanzania:

Banagi (0217S 3450E): **KBIN:** 15623, 15624, 15626K, 15626L, 15626M - Kazimzumbwi forest reserve (0658S 3903E): **SMF:** 79587, 79588 - Nyamuhoro valley: **SMF:** 79586 - Zanzibar (0610S 3912E): **MNH:** 1996-2129 (*Type Vesperugo (Vesperus) grandidieri*) - Zaraninge-Kiano forest reserve: **SMF:** 79585.

Togo:

Atakpamé (0732N 0108E): **ZMB:** 54246.

Unknown Country:

: **BMNH**: 1849.8.16.21 Duplicate (**Lectotype Null**); **SAMC**: 10344, 17076, 3433, 37045, 37046, 376, 7074, 7214, 7482, 7512, 7520, 7522; **TM**: 25606, 25670, 3005 - Malingwe Pan; **HZM**: 37.4523.

WP:

Sandrivierbrug: **NMB**: 12210.

Zambia:

Balovale (1301S 2244E): **KM**: 2192, 2193, 2194, 2195, 2196, 2201, 2202, 2204, 2205, 2206, 2207, 2208, 2209, 2221, 2222 - Balovale (1333S 2307E): **AMNH**: 115860, 115862, 115878, 115898 - Chambezi (1100S 3130E): **CAS**: 6379, 6380 - Chilanga (1528Cb): **NHMZ**: 11190 - Kasombe (1407S 2541E): **HZM**: 18.3172 - Lochinvar ranch (1551S 2714E): **RMCA**: 33298 - Mazabuka Boma (1552S 2745E): **HZM**: 10.2212, 7.2209 - Mount Makulu Research Station (1528Ca): **NHMZ**: 20245 - Mumbwa (1500S 2701E): **ZFMK**: 78.464 - Naleza (1527S 2720E): **CAS**: 15111 - Sihole (1519S 2234E): **FMNH**: 95219 - Sililo (1415S 2230E): **BMNH**: 1966.5459.

Zimbabwe:

Harare [=Salisbury] (1753S 3108E): **TM**: 34844 - Harare [=Salisbury], Thornpark (1738S 3108E): **NHMZ**: 58818, 58819, 58822, 58826, 58827, 58828.

Zimbabwe:

Concession, 10 km NW (1725S 3054E): **CM**: 41015 - Dett (1837S 2652E): **NHMZ**: 58910 - Fern Valley (1903S 3239E): **HZM**: 30.4104 - Hostes Nicoll Research Institute (1810S 2813E): **NHMZ**: 58848, 58873 - Ingwesi Ranch (2100S 2800E): **HZM**: 17.2737 - Inyantue (1833S 2640E): **NHMZ**: 58911 - Lion and Cheetah Park (1723S 3117E): **TM**: 34843, 34845 - Maduni Dumela (1910S 2630E): **NHMZ**: 58907 - Makalowa: **NHMZ**: 58904, 58909 - Ngamo Pans (1908S 2727E): **NHMZ**: 58908 - Ngweshla (1905S 2705E): **NHMZ**: 58906 - Rainham (1746S 3053E): **HZM**: 42.6146 - Sengwa Wildlife Research Station (1810S 2813E): **TM**: 34864, 34865, 34889, 34890, 34950, 34951, 34970, 34971, 34972, 34974, 34975 - The Homestead (2017S 2850E): **TM**: 39424, 39425 - Thornpark Estate (1743S 3101E): **HZM**: 27.3924 - Volunteer farms (1849S 2738E): **NHMZ**: 31973, 31988, 31989, 31991 - Wankie National Park (1845S 2658E): **NHMZ**: 58914 - Zimbabwe: **MNHN**: 1990-151, 1990-152.

Neoromicia cf. melckorum Roberts, 1919

South Africa:

Levuvhu hippo pool (2226S 3111E): **TM**: 34185, 34186, 34240, 34263.

Neoromicia flavescens (de Seabra, 1900)

Angola:

Chitau (1115S 1701E): **AMNH**: 85530, 85535 (**Type** *Eptesicus capensis angolensis*), 86629, 86630, 86631, 86632, 86633, 86634, 86635, 86636, 86637, 86638, 86639, 86641, 86642, 86643, 88096 - Galanga (1204S 1509E): **MNHN**: 1900-536 (Cotype/topotype *Vesperugo (Vesperus) flavescens*), 1900-537 (Cotype/topotype *Vesperugo (Vesperus) flavescens*).

Burundi:

Resha (0351S 2923E): **SMF**: 57586, 57587.

Cameroon:

Bake river bridge (0516N 0913E): **CM**: 108029 - Mangamba (0530N 0900E): **ROM**: 68878.

Malawi:

Kapalasa Farm (1531S 3511E): **DCDH**: 2974 - Likabula mission (1557S 3524E): **TM**: 41795, 41805.

Neoromicia guineensis (Bocage, 1889)

Benin:

Segbana (1056N 0342E): **USNM**: 421384.

Burkina Faso:

Dionga (1404N 0003W): **SMF**: 60995 - Gorgadji, 17 km E (1402N 0022W): **USNM**: 452877 - Nouna (1244N 0302W): **SMF**: 26404, 60996, 60997 - Ougarou (1210N 0056W): **USNM**: 452878.

Cameroon:

Garoua, 24 km S, 13 km E (0905N 1330E): **CM**: 58514 - Poli (0829N 1315E): **RMCA**: coll:2.14 - Waza (1125N 1434E): **RMCA**: coll:1.872 - Yagoua (1020N 1514E): **RMCA**: 73-015-M-0287, coll:2.657.

Central African Republic:

Gounda camp (0919N 2112E): **CM**: 73705, 73706, 73707.

Chad:

Fort Archambault (0909N 1823E): **SMF**: 6391, 6392 - Kyabe (0928N 1854E): **AMNH**: 170176.

Congo (Democratic Republic of the):

Luluabourg [=Kananga] (0553S 2226E): **RMCA**: 7578 - Niangara (0343N 2752E): **AMNH**: 49290 - Paulis [=Isiro] (0245N 2741E): **AMNH**: 49339.

Cote D'Ivoire:

Fetekro (0749N 0441W): **USNM**: 468170, 468171, 468172, 468173.

Egypt:

Sharqiya (3115N 3217E): **ZMB**: 54952.

Ethiopia:

Belès: **MHNG**: 1717.12 - Bokonkorio (0802N 4619E): **SMF**: 52383, 52384, 52385 - Gambela (0815N 3435E): **CM**: 52653; **SMF**: 44832, 44833; **ZFMK**: 73.22, 73.23, 73.29, 73.30, 73.31, 73.65.

Ghana:

Shai Hills Resource Reserve (0557N 0004E): **CM**: 113617 - Subinja (0744N 0204W): **USNM**: 414983.

Guinea:

Ziela (0739N 0830W): **MNHN**: 1985-1149 - Zougouépo: **MNHN**: 1981-1207.

Senegal:

Enganga: **FMNH**: 128219 - N'Goyé (1437N 1620W): **MHNG**: 1718.39 - Saboya (1341N 1611W): **MHNG**: 1718.35.

Sudan:

Gilo (0402N 3251E): **FMNH:** 77639 - Nuba Mountains, N edge: **NMW:** 8411 (*Type Eptesicus rectitragus*) - Torit (0427N 3231E): **FMNH:** 66673, 68110, 78232, 79561, 79563.

Neoromicia helios (Heller, 1912)

Kenya:

Archer's Post (0039N 3741E): **CM:** 114453, 114454; **HZM:** 1.4085, 2.4086, 3.4087, 4.4088; **ROM:** 36338, 48598, 68435, 68436, 68437, 68438, 68439, 68440, 68441, 68442, 68443, 68444, 68445, 78321 - Benane (0032N 3838E): **ROM:** 71092, 71093, 71094, 71095, 71096 - Buffalo Springs natural reserve (0036N 3737E): **CM:** 102207, 102208, 102209, 102210, 102211, 102212, 102220 - Bushwacker's Safari Camp (0219S 3807E): **CM:** 98001, 98002, 98003, 98004, 98005, 98029 - Ferguson's Gulf (0331N 3555E): **CM:** 114455, 114456, 114457, 114458, 114459 - Kapeddo (0110N 3606E): **ROM:** 68609, 68610, 68611, 68612, 68613, 68614, 68615, 68616, 68617, 68618, 68619, 68620 - Kibwezi, 6.5 mi N, 10.5 mi E (0225S 3758E): **NAU:** 4343, 4345, 4346, 4349, 4350, 4351, 4353, 4355, 4356, 4357 - Kinna (0019N 3812E): **ROM:** 71086, 71087, 71088, 71089 - Lukore area (0413S 3925E): **ROM:** 76551 - Merelle Water (0123N 3744E): **USNM:** 181813 (*Type Pipistrellus helios*) - Samburu Game Lodge (0034N 3735E): **ROM:** 38345, 48704 - Voi (0323S 3835E): **ROM:** 85743, 85744, 85762.

Somalia:

Bulo Burti (0351N 4534E): **CM:** 85367 - Eggi, 4 km S (0311N 4532E): **MZUF:** 3045 - Jamaame, 4 km S, 4 km W (ca. 0002N 4243E): **CM:** 85341, 85370, 85371, 85372, 85373, 86021 - Snai Sugar Plantation (0246N 4531E): **CM:** 85368, 85369.

Sudan:

Nimule (0335N 3203E): **AMNH:** 184466, 184467, 184469; **ROM:** 78325.

Tanzania:

Victoria, lake (0100S 3300E): **ZMMU:** S-165861.

Uganda:

Moyo, 10 mi E (0339N 3143E): **ROM:** 59155.

Neoromicia humbloti (A. Milne-Edwards, 1881)

Madagascar:

Foulepoint and lake Alaoutre, between: **MNHN:** 1986-1079, 1986-1080 (*Syntype Vesperus humbloti*), 1986-1081 (*Syntype Vesperus humbloti*), 1986-1082 (*Syntype Vesperus humbloti*) - no specific locality: **MNHN:** 1986-1074 (*Syntype Vesperus humbloti*), 1986-1075 (*Syntype Vesperus humbloti*), 1986-1076 (*Syntype Vesperus humbloti*), 1986-1077 (*Syntype Vesperus humbloti*), 1986-1078 (*Syntype Vesperus humbloti*).

Neoromicia malagasyensis (Peterson, Eger and Mitchell, 1995)

Madagascar:

Ilakaka, E of (2241S 4513E): **ROM:** 42713.

Neoromicia matroka (Thomas and Schwann, 1905)

Madagascar:

Ambodiriana (1901S 4821E): **ROM:** 42073, 42074, 42075, 42076, 42077, 42078, 42079, 42080, 42081, 42082, 42083, 42084, 42085, 42086, 42087, 42091, 42100, 42102, 42108 - Ambositra (2031S 4715E, 1100 m): **BMNH:** 1897.9.1.32 Duplicate (*Holotype Vespertilio matroka*), 1897.9.1.34, 1989.160 - Ampitambé (1851S 4814E): **BMNH:** 1897.9.1.33 - Imerina, forest E of (2032S 4720E): **BMNH:** 1889.8.30.1 - Ivokimanitra: **BMNH:** 1897.9.1.36 - Madagascar: **BMNH:** 1977.2690 - Perinet (1856S 4825E): **ROM:** 41841 - Perinet, 1 mi S (1856S 4825E): **ROM:** 46897 - Southern Tanatarive: **ROM:** 41986 - Tananarive (1855S 4731E): **ROM:** 41943, 41944.

Neoromicia melckorum (Roberts, 1919)

Malawi:

Kasungu national park (1303S 3309E): **BMNH:** 1987.1136 - Liwonde National Park (1502S 3515E): **DCDH:** 3048.

Mozambique:

Mungari, 5 km N (1709S 3334E): **USNM:** 365408, 365409 - Tette (1610S 3335E): **BMNH:** 1908.4.3.24.

Namibia:

Swartkop (2833S 1625E): **TM:** 32657, 32658.

South Africa:

"Cape of Good Hope" [=syn. "Kaap Goede Hoop"]: **MNHN:** 1985-1057 - Anthrax camp (2225S 3112E): **TM:** 37943, 37944, 37945 - Cederberg, Algeria State Forest, campsite (3221S 1903E): **TM:** 38413 - Culling camp (2225S 3115E): **TM:** 37833, 37844, 37937 - Farm Kersefontein [=Berg River] (325413S 181951E): **TM:** 2283 (*Type Eptesicus melckorum*) - Farm Narap (2953S 1745E): **TM:** 28003, 28004 - Fig Tree Camp (2225S 3111E): **CM:** 93186 - Figtree forest (2225S 3118E): **TM:** 38599 - Figtree forest, 4.8 km down stream of bridge (2225S 3115E): **TM:** 37680 - Glen (2856S 2620E): **USNM:** 354441, 354442, 354443, 354444, 354445, 354446, 354447 - Manxeba [=Maxeba] windmill (2224S 3114E): **TM:** 38132 - Mockford's garden (2225S 3118E): **TM:** 37852 - New figtree forest (2225S 3118E): **TM:** 37858, 37906, 38843 - Old picnic site (2225S 3111E): **TM:** 37929 - Old Picnic site (2225S 3118E): **CM:** 98549; **TM:** 37924, 39506 - Springbok, 7 mi W (2940S 1717E): **USNM:** 342631, 342633 - Taung (2737S 2437E): **ZMA:** 22.232, 22.233.

Tanzania:

Banagi (0217S 3450E): **KBIN:** 15627R, 15627S, 15627T, 15627U - Kafukola (0806S 3156E): **HZM:** 2.2047 - Liwale (0947S 3800E): **HZM:** 1.3529.

Zambia:

Fort Jameson district (1345S 3245E): **NHMZ:** 20130 - Kalichero (1330S 3227E): **NHMZ:** 20019 - Matabele plain

(1625S 2308E): **BMNH**: 1966.5460 - Nyimba and Fort Jameson, between (1400S 3200E): **BMNH**: 1966.5461.

Zimbabwe:

Malve: **BMNH**: 1933.3.3.2 - Mana Pools National Park (1543S 2925E): **TM**: 41860, 41861, 41862.

Neoromicia rendalli (Thomas, 1889)

Benin:

Aguagou / Cotonou (0621N 0226E): **MNHN**: 1911-854 - Zizonkame (0755N 0201E): **USNM**: 438948.

Botswana:

Nokaneng, 15 mi N (1925S 2216E): **USNM**: 425343.

Cameroon:

Mokolo (1042N 1343E): **RMCA**: coll:1.750 - Waza (1125N 1434E): **RMCA**: coll:1.779, coll:1.806 - Yagoua (1020N 1514E): **RMCA**: coll:1.2207, coll:2.674.

Central African Republic:

Ouham area (0700N 1800E): **MNHN**: 1985-1048.

Chad:

Djiboulboul: **MHNG**: 1717.62, 1717.64, 1717.65, 1717.66, 1717.76, 1717.81, 1717.89, 1717.90 - Irtou (1319N 1510E): **MHNG**: 1717.73 - Léré (0937N 1410E): **MHNG**: 1717.74, 1717.77 - Maïlao [3 locs]: **MHNG**: 1717.71.

Congo (Democratic Republic of the):

Bagbele (0420N 2916E): **RMCA**: 36848 - Bagbele Moko (0420N 2916E): **RMCA**: 36851 - Bolobo (0209S 1614E): **RMCA**: 17404, 17405, 17406, 17407, 17408 - Faradje (0344N 2943E): **AMNH**: 49045 (*Type Eptesicus faradjius*), 49046, 49047, 49050; **RMCA**: 12387 - Gangala-na-Bodio (0340N 2909E): **RMCA**: 25807 - Garamba Park (0411N 3000E): **KBIN**: 13850 - Kabwe (0758S 2427E): **AMNH**: 212585, 212590; **RMCA**: 33352, 33353, 33354, 33355, 33357, 33358, 33359, 33596, 33597, 33598 - Katana (0213S 2850E): **RMCA**: 12057 - Katobwe (0851S 2605E): **FMNH**: 29417 - Kawa (0134N 3032E): **RMCA**: 23153 - Luluabourg [=Kananga] (0553S 2226E): **AMNH**: 86166; **RMCA**: 31572, 32668, 33542, 33543, 33544, 33545, 33546, 33548, 33549, 33550, 33552, 33605, 7572, 7573, 7574, 7575, 7576, 7577, 7579, 7580, 7582, 7583, 7585, 7586 - Mulongo (0750S 2648E): **HZM**: 1.8024 - Niangara (0343N 2752E): **AMNH**: 49038; **FMNH**: 43869, 43870; **RMCA**: 12388 - Tandala (0302N 1921E): **CM**: 86668, 86669, 86672, 86673, 86674, 86675, 86676, 86677, 86678, 86679, 86782.

Ghana:

Kete Kratchi (0750N 0003E): **ZMB**: 55517 - Shai Hills Resource Reserve (0557N 0004E): **CM**: 113623, 113624, 113625 - Yabraso (0804N 0147W): **USNM**: 424864, 424865.

Kenya:

Buffalo Springs natural reserve (0036N 3737E): **CM**: 102185 - Kiboko (0211S 3743E): **USNM**: 436736 - Meru River: **MCZ**: 8279 (*Holotype Eptesicus phasma*) - Meru river (0003N 3739E): **AMNH**: 54418 - Tiwi Beach (0415S 3934E): **ZMA**: 20.795, 20.796, 20.797, 20.798, 20.799, 20.800 - Tiwi, 1 km N (0414S 3934E): **CM**: 97977.

Malawi:

Bangula swamp (1635S 3507E): **DCDH**: 3121 - Chiromo (1632S 3509E): **DCDH**: 3106, 3119.

Mali:

Samaye (1400N 0444W): **MNHN**: 1996-393.

Niger:

Tapoa, 21 km E (1230N 0233E): **USNM**: 462791.

Nigeria:

Kilboa, 20 mi W (1319N 1116E): **HZM**: 2.10061, 3.10062 - Samaru stream (1110N 0738E): **HZM**: 5.12141 - Tsanchaga (0906N 0609E): **USNM**: 402778.

Sierra Leone:

Fintonia, 5.8 km E (0940N 1210W): **USNM**: 547024 - Yengema (0749N 1201W): **USNM**: 463381.

Somalia:

Jamaame, 4 km S, 4 km W (ca. 0002N 4243E): **CM**: 85312, 85313, 85314, 85315, 85316, 85317, 85318 - no specific locality: **ZMB**: 53857, 53858, 53859, 53860 - Snai Sugar Plantation (0246N 4531E): **CM**: 85306, 85307, 85308, 85309, 85310, 85311.

South Africa:

Bonamanzi Game Reserve (2806S 3218E): **DNSM**: 5361, 5370, 5877, 5878.

Sudan:

Abu Doleb (0920N 3135E): **ZFMK**: 77.1015 - El Garef (1203N 3419E): **FMNH**: 34149 - Nyibor, lake (0655N 3010E): **AMNH**: 184343, 184344, 184345, 184346, 184347.

Tanzania:

Tanga (0504S 3906E): **USNM**: 351194.

The Gambia:

Bathurst [=Banjul] (1328N 1639W): **BMNH**: 1889.12.12.1, 1889.3.2.3 (*Type Vesperugo (Vesperus) Rendalli*).

Togo:

Borgou (1046N 0035E): **RMCA**: 73-013-M-0241 - Ezimé (0729N 0056E): **RMCA**: coll:V1590 - no specific locality: **ZMB**: 54268, 54269, 54272 - Togo: **RMCA**: coll:1314.

Uganda:

Entebbe (0004N 3228E): **RMCA**: 16296; **ZMB**: 67576 - Nimule, near (0335N 3203E): **CAS**: 12198.

Zambia:

Naleza (1527S 2720E): **HZM**: 4.11407.

Zimbabwe:

Mana Pools National Park (1542S 2923E): **TM**: 41859 - Mana Pools National Park (1543S 2925E): **TM**: 41858.

Neoromicia somalicus (Thomas, 1901)

"Africa":

Africa: **MZUF**: 6242 - Unknown locality: **HZM**: 5.18819.

Angola:

- Dundo Lundo (0722S 2050E): **FMNH**: 66515, 66516, 66517, 66518.
- Benin:**
Parakou (0921N 0237E): **USNM**: 421396 - Segbana (1056N 0342E): **USNM**: 421386.
- Botswana:**
Nata (2012S 2611E): **USNM**: 367752, 367753 - Zweizwe Waterhole (1836S 2422E): **FMNH**: 38470.
- Burkina Faso:**
Nobéré, 1 km S (1126N 0110W): **USNM**: 503952.
- Cameroon:**
Djohong (0650N 1442E): **RMCA**: coll:1.2478 - Mokolo (1042N 1343E): **RMCA**: coll:1.671 - Ngaoundere, 13 km S (0712N 1336E): **CM**: 58515 - Tello (0710N 1418E): **RMCA**: 75-003-M-0100 - Touroua (0905N 1258E): **RMCA**: 76-014-M-0097.
- Central African Republic:**
Gounda camp (0919N 2112E): **CM**: 73708, 73709, 73710, 73711, 73712, 73713, 73714, 73715, 73716, 73717, 73718 - Koumbala Camp (0729N 2113E): **CM**: 73719, 73720, 73721, 73722, 73723, 73724, 73725.
- Chad:**
Fort Archambault (0909N 1823E): **MHNG**: 1717.57.
- Congo (Democratic Republic of the):**
Elisabethville [=Lubumbashi] (1140S 2728E): **RMCA**: 8872 - Lukolela (0110S 1711E): **AMNH**: 86927 - Luluabourg [=Kananga] (0553S 2226E): **RMCA**: 33349 - Mbwambala (0503S 1854E): **RMCA**: 97-021-M-0749 - Moba (0704S 2945E): **RMCA**: 22126, 26327 - Wafanya (0121S 2020E): **RMCA**: 88-005-M-0014, 89-020-M-0046.
- Cote D'Ivoire:**
Banama Blanc (0945N 0550W): **FMNH**: 105207.
- Eritrea:**
Adi Ugri (1453N 3849E): **MZUF**: 5365, 5366, 5367, 5368, 5369, 5370, 5371, 5372, 5374.
- Ethiopia:**
Belcha Forest (0611N 3810E): **CM**: 52654, 52655 - Dire Dawa (0932N 4153E): **AMNH**: 48081, 48082 - Dire Dawa (0932N 4153E, 1250 m): **ZMB**: 48187 - Ghimbi (0914N 3549E): **SMF**: 49137, 49138.
- Ghana:**
Pulima (1051N 0203W): **USNM**: 414993 - Sakpa (0852N 0221W): **USNM**: 414984, 414985, 414986, 414988, 414990, 414991, 424863.
- Guinea-Bissau:**
Bissoram (1213N 1527W): **CZL**: 45.20.370 - Mansoa (1204N 1519W): **CZL**: 45.20.380.
- Kenya:**
Bushwacker's Safari Camp (0219S 3807E): **CM**: 97980, 97981, 97982 - Garsen, near (0216S 4007E): **ROM**: 71311 - Makandara picnic site (0415S 3923E): **CM**: 97979 - Moctow, 50 mi S [=Maktau, 50 mi S] (0324S 3808E): **AMNH**: 114487 - Rongai (0011S 3552E): **HZM**: 2.9113 - Shimba Hills (0414S 3925E): **CM**: 97978 - Sigor (0128N 3528E): **CM**: 102187, 102188 - South Nguasso Nyiro river: **USNM**: 166518 - Wei Wei river (0128N 3531E): **ROM**: 38338, 38339.
- Namibia:**
Ombonde Farm 616 (1933S 1432E): **CM**: 93183, 93184, 93185 - Rehderstal ranch: **AMNH**: 233006 - Windhoek (2234S 1706E): **ZFMK**: 71.2.
- Nigeria:**
Pandam, lake (0915N 0750E): **ZMA**: 18.385, 18.387, 18.388 - Zaria, 7 mi NW (ca. 1101N 0744E): **USNM**: 378862.
- Rwanda:**
Karama (0216S 3015E): **RMCA**: 82-006-M-0918, 82-006-M-0919.
- Sierra Leone:**
Fintonia, 5.7 km NE (0942N 1211W): **USNM**: 547023 - Sainya, 5.2 mi W by road (0948N 1227W): **USNM**: 547022 - Segbwemba (0759N 1057W): **USNM**: 463091.
- Somalia:**
Hargeisa (0933N 4404E, 3 500 ft): **BMMH**: 1898.6.9.1 (*Holotype Vespertilio minutus somalicus*) - Jamaame, 5 km S, 7.5 km W (0001N 4241E): **CM**: 85339, 85340 - Snai Sugar Plantation (0246N 4531E): **CM**: 85319, 85320, 85321, 85322, 85323, 85324, 85325, 85326, 85327, 85328, 85998 - Wadajir, 8 km N, 4.5 km E (0040S 4142E): **CM**: 85342, 85343.
- South Africa:**
Pafuri (2225S 3111E): **AMNH**: 257395 - Punda Maria camp, 2 km N (2241S 3102E): **AMNH**: 257396 - Shilouwan (2327S 3131E): **MHNG**: 723.39.
- Sudan:**
Katire (0405N 3246E): **FMNH**: 78488 - Khartoum (1540N 3235E): **MNHN**: 1895-446 - Lawudo (0425N 3234E): **FMNH**: 78754 - Ledgus: **USNM**: 166520 (*Type Eptesicus ugandæ*) - Ngangala, 20 mi N (0440N 3155E): **FMNH**: 78752 - Nzara (0440N 2813E): **SMF**: 33281 - Rheika (1041N 3000E): **SMF**: 33277 - Torit (0427N 3231E): **FMNH**: 77703, 79669 - Yambio (0434N 2821E): **FMNH**: 81565.
- Tanzania:**
Genda Genda South forest reserve (0534S 3839E): **SMF**: 79583a - Kilulu Hill (0446S 3908E): **SMF**: 79582 - Tanangire National Park: **AMNH**: 264462 - Zaraninge-Kiano forest reserve: **SMF**: 79584a.
- Togo:**
no specific locality: **ZMB**: 54356 - Togo: **RMCA**: coll:1255, coll:V231, coll:V483.
- Uganda:**
Amudat (0158N 3457E): **USNM**: 436711, 436712, 436713, 436714, 436715 - Budo (0015N 3229E): **HZM**: 4.18818 - Bukalasa (0041N 3231E): **SMF**: 41819 - Katatemwa (0105N 3109E): **HZM**: 1.4070 - Kigumba: **FMNH**: 86012.
- Zimbabwe:**
Wankie National Park (1845S 2658E): **FMNH**: 152727.

Neoromicia tenuipinnis (Peters, 1872)

"Africa":

Central Africa: **NMBE**: 1014533a, 1014533b, 1014533c, 1014533e, 1014533f, 1014533g, 1014533h.

Angola:

Caconda (1342S 1505E, 1900 m): **BMNH:** 1889.5.1.3 (*Syntype Vesperus bicolor*) - Chinchoxo (ca. 0505S 1202E): **ZMB:** 4804, 4992, 66941, 66942, 66943.

Burundi:

Bujumbura (0324S 2908E): **MHNG:** 1607.96, 1608.11, 1624.03.

Burundi?:

Russissi, bank [=Rusizi delta] (0316S 2314E): **ZMB:** 54067.

Cameroon:

Ambam, 13 km S, 5 km E (0216N 1121E): **CM:** 58516, 58517, 58518, 58519 - Biteye (0313N 1222E): **RMCA:** 2627; **ZFMK:** 79.647 - Isongo [=Izongo] (0405N 0901E, 30 m): **ZMB:** 93806, 93807 - Mamfe, 12 km SE (ca. 0547N 0918E): **AMNH:** 241049 - Obala, 30 km N, 40 km E (0422N 1158E): **CM:** 58520 - Yaoundé, 16 km S, 2 km E (0343N 1132E): **CM:** 58526, 58527, 58528 - Yaoundé, 23 km S, 1 km E (0340N 1132E): **CM:** 58529, 58530, 58531, 58532 - Yaoundé, 25 km S 3 km E (0335N 1133E): **CM:** 58533 - Yaoundé, 7 km S, 8 km W (0348N 1127E): **CM:** 58521 - Yaoundé, 9 km S, 10 km W (0347N 1125E): **CM:** 58522, 58523, 58524, 58525.

Central African Republic:

Bangui (0430N 1819E): **MNHN:** 1977-560 - M'Baikie (0354N 1800E): **CM:** 41046, 41047, 41048, 41049, 41050.

Congo:

Brazzaville (0415S 1516E): **MNHN:** 1984-1390 - Congo [Brazzaville] (0415S 1516E): **MNHN:** 1889-892 - Majumba (0430S 1230E): **RMCA:** 2668.

Congo (Democratic Republic of the):

Alima (0035N 2918E): **RMCA:** 28827 - Bamanya (0001N 1824E): **RMCA:** 21699, 26328 - Bambesa (0323N 2547E): **RMCA:** 14075, 14077, 17753 - Banana creek (0558S 1227E): **KBIN:** 14511 - Beno (0342S 1746E): **RMCA:** 19828, 19829, 19830 - Bitshumbi (0041S 2923E): **RMCA:** 16632 - Boteka (0019S 1907E): **RMCA:** 85-021-M-0001, 85-021-M-0002 - Buta (0249N 2450E): **RMCA:** 14584b, 15397, 16188, 16245, 19460 - Butembo (0009N 2918E): **RMCA:** 27877, 27878, 27881, 27882, 27883, 27884 - Congo: **RMCA:** 11549a, 27370 - Eala (0002N 1822E): **RMCA:** 13096, 13410 - Faradje (0344N 2943E): **AMNH:** 48988 (*Type Eptesicus ater*); **RMCA:** 9043 - Ganda Sundi (0447S 1254E): **RMCA:** 33268 - Irumu (0129N 2951E): **RMCA:** 16256 - Kabale (0038S 2907E): **AMNH:** 82383, 82384 - Kabongo (0720S 2534E): **RMCA:** 21484 - Kamponde (0642S 2256E): **RMCA:** 33389 - Kinzambi mission (0458S 1846E): **MSB:** ZaAn 2467 - Kisantu (0508S 1509E): **RMCA:** 7313 - Koteli (0251N 2434E): **RMCA:** 8922 - Kunungu (0206S 1626E): **RMCA:** 7783 - Leopoldville [=Kinshasa] (0418S 1518E): **RMCA:** 17661, 18809 - Lukolela (0110S 1711E): **RMCA:** 11735 - Luluabourg [=Kananga] (0553S 2226E): **RMCA:** 32773, 32774, 32775, 32776, 33540, 33541, 7569 - Mabali (0055S 1809E): **RMCA:** 28912, 28913 - Makaw (0329S 1819E): **RMCA:** 27501 - Mulungu (0218S 2848E): **RMCA:** 19648 - Ngayu (0145N 2733E): **AMNH:** 48982, 48983, 48985; **RMCA:** 12396 - Paulis [=Isiro] (0245N 2741E): **RMCA:** 17929 - Rutshuru (0111S 2927E): **KBIN:** 4759; **RMCA:** 16633, 37163, 37166 - Stanleyville [=Kisangani] (0033N 2514E): **RMCA:** 82-031-M-0035 - Tandala (0302N 1921E): **CM:** 86667 - Tschakala (0028N 2533E): **RMCA:** 82-019-M-0007 - Tshikapa (0628S 2048E): **RMCA:** 7255 - Tshuapa river, upper (0014S 2042E): **RMCA:** 16267 - Uvira (0322S 2906E): **RMCA:** 22912, 27210, 27211, 27212, 27213, 35688, 90-004-M-0001 - Uvira (0322S 2906E, 780 m): **ZMB:** 67026, 67027, 67028 - Yalosemba (0235N 2451E): **CM:** 86666; **USNM:** 537724, 537725.

Cote D'Ivoire:

Banco, forêt de (0525N 0403W): **USNM:** 429949 - Ehania (0517N 0304W): **USNM:** 429950, 429951, 429952 - Flampeu (0717N 0823W): **RMCA:** 34865 - Ivory Coast: **RMCA:** coll:1321, coll:606, coll:733 - Kahin (0655N 0737W): **USNM:** 465818, 465819 - Toyebli (0637N 0829W): **RMCA:** 34866.

Côte d'Ivoire:

Adiopodoumé (0519N 0408W): **RMCA:** coll:A8316.

Ethiopia:

Abol (0743N 3406E): **USNM:** 521057 - Kulfo river (0520N 3735E): **HZM:** 3.24721.

Gabon:

Fernan Vaz (0134N 0915E): **USNM:** 220899 - Lambaréné (0041S 1013E): **RMCA:** 33538, 33539 - Lastourville (0050S 1203E): **MHNG:** 1711.29 - Mouila (0147S 1153E): **MNHN:** 1947-859.

Ghana:

Nkawkaw, 1 mi N (0633N 0044W): **USNM:** 412125, 412126, 412127, 412128, 412129, 412130, 412131, 412132, 412133, 412134, 412135 - Nkawkaw, 3.25 km N, 1.33 km W (0632N 0044W): **CM:** 62403, 62404 - Saruwi river (0516N 0120W): **USNM:** 412136, 412137, 412138.

Guinea:

no specific locality: **ZMB:** 4096.

Kenya:

Baringo, lake (0038N 3616E): **ROM:** 36355 - Kampi ya Samaki (0038N 3617E): **ROM:** 68533, 68535, 68536, 68537, 68538, 68539, 68540, 68541 - Maji Mota (0013N 3606E): **USNM:** 436741, 436742 - Naivasha, 10 mi W (0043S 3626E): **USNM:** 436738, 436739 - Ngambo (0030N 3605E): **ROM:** 75464 - Ukwala (0011N 3411E): **ROM:** 36354, 36357, 36359, 38286.

Liberia:

Gomutown (0549N 0915W): **RMCA:** 87-050-M-0001 - Liberia: **USNM:** 21662 - Monrovia (0620N 1046W): **AMNH:** 89450; **FMNH:** 34151, 34152 - Tars Town (0613N 0808W): **USNM:** 481733.

Nigeria:

Calabar, 15 mi N (0513N 0812E): **USNM:** 377118.

Rwanda:

Rwankwi (0132S 2932E): **RMCA:** 19070 - Shangi (0224S 2900E): **RMCA:** 85-006-M-0457.

Sierra Leone:

Fintonia, 5.7 km NE (0942N 1211W): **USNM:** 547025 - Segbwemba (0759N 1057W): **USNM:** 462853 - Yengema (0749N 1201W): **USNM:** 463382, 463383, 463384.

Somalia:

Giohar (0157N 4450E): **MZUF:** 13675 - Villabruzzi [=Villa del dottore Abruzzi] (0248N 4330E): **MZUF:** 3070.

Tanzania:

Bukoba (0121S 3148E, 1250 m): **ZMB:** 54277 - no specific locality: **ZMB:** 66931, 66932 - Ujiji (0454S 2941E): **ZMB:** 10096 - Usambara [mountains]: **ZMB:** 54068, 54069, 54070.

Togo:

no specific locality: **ZMB**: 62433.

Uganda:

Entebbe (0004N 3228E): **MHNG**: 740.2; **ZMB**: 66966 - Victoria Nyanza [=Lake Victoria] (0100S 3300E): **AMNH**: 28604 - West Mengo (0004N 3228E): **FMNH**: 67930.

Neoromicia zuluensis (Roberts, 1924)

Angola:

Nova Lisboa (1246S 1544E): **CZL**: 31.57.013.

Botswana:

Zweizwi River Waterhole (1836S 2422E): **TM**: 6533, 6553 (*Type Neoromicia vansoni*).

Ethiopia:

Bulcha Forest (0611N 3810E): **SMF**: 52381 - Chamo, S bank of lake (0550N 3732E): **SMF**: 47868 - Harairobo, lake (0819N 3905E): **ZFMK**: 77.995, 77.996, 77.997.

Kenya:

Barberton farm (0045N 3445E): **ROM**: 91226 - Baringo, lake (0038N 3616E): **ROM**: 36365 - Buffalo Springs (0036N 3737E): **SMF**: 48678 - Cherangani Hills (0115S 3527E): **ROM**: 78204 - Elgon, Mount (0107N 3435E): **ROM**: 65426 - Endoposei river (0145S 3602E): **ROM**: 71407, 71408, 71411, 71412, 71413, 71414, 71415, 71416 - Kakamega forest (0016N 3453E): **ROM**: 50529, 65980, 65981 - Kampi ya Samaki (0038N 3617E): **ROM**: 68568, 68569, 68570, 68571, 68572, 68574, 68604, 68605, 68606, 68607, 68608, 68675 - Korau (0306N 3606E): **ROM**: 36349, 36350, 36351, 36352, 36353 - Magadi (0153S 3618E): **ROM**: 36348 - Rondo forest (0014N 3554E): **ROM**: 75551 - Sigor (0128N 3528E): **CM**: 102186; **ROM**: 40204, 40242 - Suam river (0146N 3507E): **ROM**: 38309, 38311 - Tambalal Falls (0128N 3501E): **ROM**: 38308 - Trans-Nzoia district (0050N 3500E): **ROM**: 40246.

Malawi:

Likwenu river (1501S 3514E): **HZM**: 5.15414 - Liwonde National Park (1502S 3515E): **DCDH**: 2245, 2301, 2462, 2575, 3049, 3145, 3148.

Namibia:

(ca. 1933S 1804E): **KM**: 8083, 8092, 8094 - Namibia Desert Research Station [= DERU] (2333S 1503E): **NHMZ**: 64058, 64060, 64061, 64062, 64063, 64064, 64065, 64067, 64069, 64070, 64071; **TM**: 27592, 27593 - Ombu: **TM**: 9478 - Ombu (2140S 1544E): **TM**: 9479 - Windhoek (2234S 1706E): **ZFMK**: 71.3.

Rwanda:

Mimuli: **ZMZ**: 126640.

South Africa:

Acornhoek (2445S 3125E): **TM**: 17293 - Anthrax camp (2225S 3112E): **TM**: 36846, 37863 - Culling camp (2225S 3115E): **TM**: 37938 - Erfplaas windmill (2357S 3107E): **TM**: 36572, 36574 - Farm Greefswald 37 [=Mapungubwe], Shashi-Limpopo confluence (2213S 2922E): **TM**: 41408 - Farm Greefswald 37MS, Shashi-Limpopo confluence (2213S 2922E): **CM**: 105710 - Farm Hectorspruit (2526S 3141E): **TM**: 1072 - Farm Rykvoorby 96 (2528S 2603E): **TM**: 14732 - Farm Urk 10, Blouberg Private Nature Reserve (2302S 2907E): **TM**: 24087 - Fig Tree Camp (2225S 3111E): **CM**: 98545, 98546, 98547 - Figtree camp (222550S 311150E): **TM**: 36118, 36705, 36706, 36759, 36778, 37001, 37017, 37436, 37678, 38169, 38603 - Lapalala Wilderness Area, confluence of Palala-Koedoesloop Rivers, Farm New Belgium 608 [= RR Ranch] (2348S 2815E): **TM**: 39792, 39794, 39795 - Lebombo Ironwood forest (2359S 3150E): **TM**: 39697 - Leuvuhu River (2226S 3111E): **TM**: 36426 - Leuvuhu Hippo pool (2226S 3111E): **TM**: 30534, 34213 - Levuvhu river (223936S 305248E): **TM**: 37905 - Maditobepan (2241S 3102E): **CM**: 98548 - Malibali pan (2747S 3212E): **TM**: 35248 - Messina (2221S 3003E): **DNSM**: 5375 - Messina Nature Reserve (2223S 3003E): **DNSM**: 5359 - Old picnic site (2225S 3118E): **TM**: 36631 - Pafuri (2225S 3115E): **TM**: 47139, 47142 - Roodewal private camp, 2 km SE (2408S 3136E): **TM**: 39684 - Shashanga windmill (2240S 3059E): **CM**: 69695, 69696; **TM**: 30672, 30673 - Sheila No. 10 (2404S 3109E): **TM**: 6457, 6458 - Skukuza, 1.5 km NW, western water reservoir: **TM**: 39760, 39761 - Tambotieskloof 601: **TM**: 19372 - Umfolozi Game Reserve (2819S 3150E): **TM**: 3024 (*Type Eptesicus zuluensis*) - Waterberg Game Farm (240659.472S 282317.88E): **TM**: 47094 - Waterberg Game Farm, at small man-made ponds within camp (240659S 282317E, 1410m): **TM**: 46396, 46404 - Waterberg, Farm Platbos (2413S 2752E): **TM**: 24752.

Sudan:

Torit (0427N 3231E): **FMNH**: 67488.

Swaziland:

Bhubesi Camp (2611S 3152E): **TM**: 47720 - Ebaleni (2616S 3157E): **TM**: 47719.

Zambia:

Chingi (1302S 2243E): **HZM**: 2.3296 - Chizera (1308S 2500E): **HZM**: 1.2328 - Mweru Wantipa: **HZM**: 3.449 - Nsefu Game Camp (1252S 3152E): **NHMZ**: 20296 - Senanza: **TM**: 11649.

Zimbabwe:

Frog mine (1753S 2952E): **NHMZ**: 58889 - Sohwe River (1637S 3052E): **NHMZ**: 82881.

Nyctalus azureum (Thomas, 1901)

Azores [Portugal]:

St Michael: **BMNH**: 1865.10.2.1.

Nyctalus leisleri (Kuhl, 1817)

Madeira [Portugal]:

Madeira Islands, Madeira Island: **BMNH**: 1907.1.1.392.

Nyctalus noctula (Schreber, 1774)

Egypt:

no specific locality: **ZMB**: 54110.

Mozambique:

Cabaceira: **ZMB**: 3041.

Nycticeinops schlieffenii (Peters, 1859)

Botswana:

Nitani: **TM**: 47494 - Tsotsoroga Pan (18 44 S 24 24 E): **TM**: 6550 (*Type Scoteinus schlieffenii fitzsimonsi*) - Tsotsoroga Pan (1843S 2421E): **TM**: 6551 (*Cotype Scoteinus schlieffenii fitzsimonsi*), 6552.

Egypt:

Cairo (3003N 3115E): **ZMB**: 585, type1 (*Holotype Nycticejus schlieffenii*).

Ethiopia:

Abyssinia: **ZMB**: T09584.

Kenya:

Meru River: **MCZ**: 8272 (*Holotype Nycticeius africanus*).

Mozambique:

Tete (1610S 3335E, 700ft): **TM**: 41045 - Tete (1633Ba, 650ft): **TM**: 1089.

Namibia:

Cunene Falls (3350 ft): **BMNH**: CN1264, CN1276 - Kaoko Otavi (1818S 1346E): **TM**: 11255.

Senegal:

Mbout [=Mbeute] (1447N 1710W): **ZMB**: 41342, 41343, 41344, 41345, 41346, 41347, 41359, 41360.

South Africa:

Anthrax camp (222530S 311230E): **TM**: 36842 - Anthrax camp (2225S 3112E): **TM**: 35842, 36638, 36639, 36640, 36641, 36642, 36819, 36820, 36821, 36840, 36841, 36843, 36844, 36845, 36907, 36908, 37128, 37129, 37130 - Bobomeni research camp [=Bobomene] (2225S 3112E): **TM**: 42000, 42001 - Crocodile River (2429S 3130E): **TM**: 39787, 39788 - Culling camp (2225S 3115E): **TM**: 36694, 36695, 36696, 36697, 36698, 36699, 36700, 36701, 36702, 36703, 37715 - Erfplaas windmill (2357S 3107E): **TM**: 36563, 36565, 36566 - Farm Al-te-ver 103 (2246S 2828E): **TM**: 26672 - Farm Evergreen (2229Ca): **TM**: 32295 - Farm Hilda [=V.L.NR.] (2229S 2913E): **TM**: 45376 - Farm Othawo 242, Sabie Sand Private Nature Reserve (2445S 3126E): **TM**: 24940, 24942 - Farm Regina 68 [=V.L.N.R.] (222248S 291612E): **TM**: 45369 - Figtree camp (222550S 311150E): **TM**: 36112, 36113, 36114, 36116, 36558, 36559, 36607, 36614, 36617, 36737, 36738, 36739, 36740, 36741, 36742, 36743, 36744, 36745, 36746, 36747, 36922, 36923, 36924, 36925, 36933, 36946, 36947, 36948, 37002, 37003, 37004, 37005, 37006, 37007, 37268, 37269, 37270, 37271, 37429, 37430, 37431, 37432, 37433, 37434, 37435, 37657, 37658, 37659, 37660, 38145, 38146, 38147, 38148, 38835, 38836, 38837, 38840, 39461, 39462 - Figtree forest (2225S 3115E): **TM**: 37676, 37694, 37695, 37696 - Figtree forest (2225S 3118E): **TM**: 37121, 37122, 37123, 37125, 37126, 37127 - Gwalali Army camp (2224S 3117E): **TM**: 36973, 36974, 36975, 36976 - Hans Merensky Nature Reserve (2340S 3041E): **TM**: 24598, 41111, 41112 - Klaserie PNR (2412S 3111E): **TM**: 45506 - Langjan Provincial Nature Reserve (224948S 291200E): **TM**: 41300 - Lebombo Ironwood forest (2359S 3150E): **TM**: 39692, 39693, 39694, 39695, 39696 - Letaba highwater bridge (2340S 3040E): **TM**: 39572 - Letaba restcamp, 1 km SE (2351S 3134E): **TM**: 39576, 39577, 39578, 39579 - Letaba, 8 km SE (2354S 3134E): **TM**: 39616, 39617 - Leuvuhu River (2226S 3111E): **TM**: 36115, 36425, 36438, 36442, 36443, 36451, 36452, 36453, 36454, 36455, 36456, 36457 - Levuvhu Hippo pool (2226S 3111E): **TM**: 30476, 30477, 30478, 30479, 30480, 30481, 30482, 30483, 30484, 30500, 30501, 30502, 30503, 30515, 30526, 30537, 30538, 30539, 30541, 34171, 34172, 34173, 34174, 34176, 34177, 34178, 34179, 34180, 34187, 34188, 34189, 34194, 34195, 34196, 34198, 34199, 34211, 34224, 34226, 34227 - Levuvhu River, opposite Shilawee stream (2226S 3111E): **TM**: 38715 - Maditobe [= Witsand] Dam (2241S 3102E): **TM**: 39471, 39472, 39473, 39474, 39475, 39476, 39485, 39486, 39488, 39489, 39490, 39491, 39494, 39495 - Magamba windmill (2224600S 311130E): **TM**: 37224, 37225 - Mahogany Drive (2241S 3101E): **TM**: 29915 - Manditobe dam (2241S 3102E): **TM**: 37292, 37293, 37294 - Manxeba [=Maxeba] windmill (2224S 3114E): **TM**: 37131, 37132, 37232, 37280, 37722, 37723, 37724, 37725, 37726, 37727, 37728, 37729, 37730, 38156, 38157, 38158, 38159, 38160, 38161 - Matukwatadam (2241S 3057E): **TM**: 29924, 29943 - Messina Nature Reserve (2223S 3003E): **TM**: 44206 - Mkuzi Game Reserve (2738S 3216E): **DNSM**: 5401 - Msinga pan (2747S 3212E): **TM**: 35321 - Ndumu Game Reserve (2653S 3215E): **TM**: 35208, 35210, 35231 - Old Culling camp (2225S 3115E): **TM**: 37203 - Old Figtree forest: **TM**: 42005 - Old picnic site (2225S 3118E): **TM**: 36424, 36531, 36532, 36533, 36534, 36535, 36633, 36634, 36635, 37065, 37066, 37067, 37077, 37078, 37079, 37080, 37085, 37086, 37087, 38152 - Olifants Rest Camp, 7 km W (2401S 3139E): **TM**: 39604, 39605 - Pafuri (2225S 3115E): **TM**: 47136, 47138, 47140, 47141, 47145 - Pafuri, Figtree Forest, downstream (2225S 3115E): **TM**: 37450 - Punda Milia (2242S 3100E): **TM**: 30655 - Punda Milia Camp (2241S 3102E): **TM**: 7092 - Rhenosterkoppies (2508S 3137E): **TM**: 39724, 39725 - Roodewal private camp, 2 km SE (2408S 3136E): **TM**: 39686, 39687, 39688, 39689 - Sabie river bank (2457S 3138E): **TM**: 42086 - Sabie River, north bank (2458S 3140E): **TM**: 39700, 39701, 39702 - Shashanga windmill (2240S 3059E): **TM**: 30678, 30679, 30680, 30681, 30682, 30683, 30684 - Sikangwana: **TM**: 7777 - Skukuza (2459S 3135E): **TM**: 30071, 30073 - Skukuza, 1.5 km NW, Dense woodland upper reaches of Western Water Reservoir (2459S 3135E): **TM**: 39764, 39765, 39766 - Stangene Dam (2248S 3117E): **TM**: 30555 - WNLA Dam (2427S 3158E): **TM**: 39656.

Sudan:

Upper White Nile: **ZMB**: 5302.

Swaziland:

Mlawula Nature Reserve (2612S 3201E, 760m): **TM**: 44897 - Mlawula Nature Reserve 2 (261108.038S 320020.52E): **TM**: 47741.

Tanzania:

Langenburg [=!kombe] (0931S 3405E): **ZMB**: 54260, 54261, 54262 - Usandawe [=Sandawe] (0515S 3520E, 1200 m): **ZMB**: 11405.

Togo:

no specific locality: **ZMB**: 54450.

Unknown Country:

: **NHMZ**: 64175; **ZMB**: 6597, 6598.

Zambia:

Jumbe (1317S 3205E): **NHMZ**: 20135 - Mfuwe Game Camp (1305S 3147E): **NHMZ**: 22783, 22783A, 22784, 22784A, 22790.

Zimbabwe:

Sabi-Lundi River, S junction (2118S 3224E): **TM**: 10753 - Sengwa Wildlife Research Station (1810S 2813E): **TM**: 34863, 34888, 34948, 34949, 34968, 34969.

Otonycteris hemprichii Peters, 1859

Algeria:

Algiers (3645N 0341E): **ZMB**: 74754, 74757, 74759, T10436.

Egypt:

Al Bahr Al Ahmar (2606N 3417E): **ZMB**: 5210 - Kings graves near Deir al Bahari: **ZMB**: T09286 - no specific locality: **ZMB**: 441, 442.

Egypt/Sudan:

Aswan [in Egypt and Chondek, Northern Province in Sudan] (2405N 3256E): **ZMB**: type2 (**Type** *Otonycteris hemprichii*).

Pipistrellus Kaup, 1829

Egypt:

Egypt: **ZFMK**: 79.644.

South Africa:

Boshof (2825Aa): **NMB**: 7852 - Natal: **ROM**: 78206.

Pipistrellus aero Heller, 1912

Ethiopia:

Beletta forest (0732N 3633E, 2050 m): **ZMMU**: S-164969.

Kenya:

Gargues, mount [summit] (0057N 3724E): **USNM**: 181812 (**Type** *Pipistrellus aero*), 182674, 182675.

Pipistrellus deserti Thomas, 1902

Algeria:

In Saleh (2711N 0229E): **CM**: 79071 - Pool: **BMNH**: 1979.987, 1979.988 - Tamanrasset (2250N 0526E): **CM**: 79068, 79069, 79070 - Tamanrasset, 110 km NW (2342N 0508E): **USNM**: 482699 - Wadi Sauria (3011N 0214W): **CM**: 79057, 79058, 79059, 79060, 79061, 79065.

Burkina Faso:

Nobéré, 2 km S (1126N 0110W): **ROM**: 79848.

Ghana:

Shai Hills Resource Reserve (0557N 0004E): **CM**: 113631.

Libya:

Murzuk (2556N 1357E): **BMNH**: 1902.11.4.1 (**Holotype** *Pipistrellus deserti*).

Nigeria:

Zaria (1101N 0744E): **ROM**: 77709.

Senegal:

Bandia (1437N 1702W): **MHNG**: 1131.17.

Somalia:

Snai Sugar Plantation (0246N 4531E): **CM**: 94693.

Sudan:

Tonj (0715N 2845E): **ROM**: 72070, 72071, 72073, 72080, 72081 - Wadi Halfa (2155N 3120E): **MHNG**: 1626.4, 1626.5, 1626.6.

Pipistrellus hesperidus (Temminck, 1840)

Burundi:

Nyamugari hill (0318S 2945E): **FMNH**: 148368.

Congo (Democratic Republic of the):

Kibumba [4 locs] (0211S 2848E): **RMCA**: 36209.

Ethiopia:

Shoa province (ca. 09 N 39 E): **SMF**: 12381 (**Lectotype** *Vespertilio hesperida*).

Kenya:

Athi river (0259S 3831E): **FMNH**: 67932 - Elgon, Mount (0107N 3435E): **SMF**: 41814 - Hells Gate Canyon (0054S 3619E): **CM**: 98025, 98026, 98027 - Kapenguria (0115N 3507E): **FMNH**: 152765 - Karen (0120S 3644E): **FMNH**: 152750, 152751 - Lake Naruku national park: **AMNH**: 245387 - Mweiga, 10 mi NW (0014S 3649E): **YPM**: 3446, 3447 - Naivasha, lake (ca. 0044S 3626E, 6000 ft): **BMNH**: 1901.8.9.96 (**Holotype** *Pipistrellus kuhlii fuscatus*) - Nakuru, 12 km S, 4 km E (0024S 3607E): **CM**: 98023, 98024 - Namanga (0233S 3647E): **AMNH**: 184465 - Ngangao forest (0322S 3821E): **CM**: 102223, 102224, 102225, 102226 - Ngong (0119S 3653E): **HZM**: 123.4073 - Ngong Hills (0122S 3640E): **FMNH**: 152752; **USNM**: 350971, 350972, 350973 - Talek Gate (0126S 3513E): **CM**: 102215, 102227.

Madagascar:

Ampara Fara (1841N 4735E): **FMNH**: 108983, 108984, 108985 - Zombitsy forest (2251S 4443E): **FMNH**: 151940.

Malawi:

Chelinda (1035S 3348E): **BMNH**: 1987.1097, 1987.1098; **DCDH**: 2640, 2641, 2646, 2650 - Dzalanyama Forest Reserve (1418S 3329E): **DCDH**: 3125, 3126 - Kapalasa Farm (1531S 3511E): **DCDH**: 2859, 2886, 2893, 2894, 2895, 2996 - Luwawa dam (1207S 3344E, 1700m): **DCDH**: 2662 - Nkhotakota (1256S 3418E): **DCDH**: 2950, 2952, 2953, 2954 - Ntchisi Forest Reserve (1323S 3400E): **DCDH**: 2905, 2913, 2914, 2915, 2916, 2917, 2918 - Ntchisi Forest Reserve (323S 3400E): **DCDH**: 2926 - Nyika National Park (1035S 3348E): **DCDH**: 2643 - Thondwe (1527S 3515E):

BMNH: 1987.1109; **DCDH:** 2858 - Thyolo, mount (1605S 3509E); **DCDH:** 3070, 3071, 3072 - Trout Ponds (1522S 3519E); **BMNH:** 1987.1096 - Zomba Plateau (1522S 3519E); **DCDH:** 2506, 2538, 2539, 3013, 3014, 3015, 3016, 3017, 3019, 3020, 3150, 3151, 3153, 3154 - Zomba town (1523S 3519E); **BMNH:** 1987.1102, 1987.1103, 1987.1104, 1987.1105, 1987.1106, 1987.1107, 1987.1108; **DCDH:** 2291, 2359, 2370, 2371.

Nigeria:

Gangirwal (0701N 1142E, 2300m): **SMNS:** 41343, 41344.

Rwanda:

Kitabi (0233S 2926E): **RMCA:** 82-006-M-0926, 82-006-M-0927 - Mutura (0139S 2923E): **RMCA:** 82-006-M-0925.

South Africa:

Barberton, 14 km NW (2547S 3054E): **CM:** 41053 - Cowies Hill (2950S 3053E): **DNSM:** 7201 - Cowies Hill Park: **DNSM:** 7144 - Dlinza Forest (2854S 3127E): **DNSM:** 5352, 5363, 5372, 5386, 5393, 5406 - Dlinza Forest, servitude into forest (2854S 3127E): **DNSM:** 5356, 5360, 5374, 5397 - Dugundhlovu camp site (2801S 3221E): **TM:** 40717 - Dukuduku Forest (2823S 3221E): **TM:** 40406, 40410, 40417 - Durban, 108 Bowen Avenue (2953S 3053E): **DNSM:** 6893 - Durban, 183 Sarnia Road (2954S 3058E): **DNSM:** 5378 - Farm Hectorspruit (2526S 3141E): **TM:** 1090 - Farm Onverwacht 544JT, Sjonajona (2545.628S 3042.076E): **TM:** 46609 - Farm Sarum 245LS, Buzzard Mountain Retreat (2301S 2946E): **TM:** 45357 - Farm Twin Streams (2858S 3142E): **DNSM:** 5872 - Feather River (2500.232S 3053.672E, 1350m): **TM:** 47666 - Figtree camp (222550S 311150E): **TM:** 36619, 36783 - Fort Beaufort, 14 km W (3247S 2638E): **CM:** 41061 - Harold Johnson Nature Reserve (291200S 312536E): **DNSM:** 5369 - Hathaway (2947S 3046E): **DNSM:** 7016 - Hillary, Hillary School (2953S 3057E): **DNSM:** 6150 - Hillcrest, off Falcon Road: **DNSM:** 6909 - Hluhluwe Game Reserve, Research camp (2804S 3202E): **TM:** 44396, 44398, 44399 - Ipheva camp site (2821S 3225E): **DNSM:** 1063, 1064, 6895, 6896 - Kloof Falls Road/ Bridle Road picnic site (2946S 3049E): **DNSM:** 5876, 6219 - Kosi Lake (2657S 3249E): **TM:** 40456 - Kosi Lake, Department of Health Camp (2657S 3249E): **TM:** 40455, 40457 - Kranskloof Nature Reserve (2946S 3049E): **TM:** 40014, 40015 - Loskopdam Nature Reserve (2523S 2920E): **TM:** 47654 - Maditobe Pan [=Maditobepan] (2241S 3102E): **TM:** 38515, 38516, 38517, 38518 - Malvern (2953S 3056E): **TM:** 1085 - Ndumu Game Reserve (2653S 3215E): **TM:** 35184, 35207, 35209, 35232 - Nelspruit, 32 km NW (2530S 3100E): **CM:** 41052 - Ngome Forest Reserve (275000S 312445E): **TM:** 39134, 39135, 39840, 39854 - Nggeleni (3140S 2902E): **TM:** 1073 - Nkandla Forest Reserve (284325.31S 310739.8E): **DNSM:** 7840 - North Park Nature Reserve (2952S 3052E): **DNSM:** 5382, 5403 - Pennington (3023S 3041E): **CM:** 41057, 41058, 41060 - Picnic site (2225S 3115E): **TM:** 41658 - Pigeon Valley Park (2951S 3059E): **DNSM:** 5384, 5385 - Rockcliff farm (2837S 2901E): **TM:** 38493 - Sugar Research Association Estate (2942S 3102E): **DNSM:** 7143 - Tzaneen Estates (2348S 3009E): **TM:** 41043 - Tzaneen Governmental Estate (2348S 3010E): **TM:** 1086 - Tzaneen Government Estate (2350S 3010E): **TM:** 1087 - Umbogontwini Nature Reserve (3003S 3053E): **DNSM:** 7429 - Umlhumi (2549S 3107E): **TM:** 1990 - Umlalazi Nature Reserve (2858S 3148E): **TM:** 30126 - Yellowwood Park (ca. 2954S 3055E): **DNSM:** 5868 - Yellowwood Park, 18 Dove Crescent (ca. 2954S 3052E): **DNSM:** 5388.

Swaziland:

Mlawula Nature Reserve 1 (261048.58S 320257.48E): **TM:** 47737, 47738, 47739, 47740.

Tanzania:

Amani, 4.5 km WNW (ca. 0506S 3838E): **FMNH:** 150076 - Amani, 8 km NWN (ca. 0506S 3838E): **FMNH:** 150077 - Kisiju island (0725S 3920E): **SMF:** 81203, 81204 - Korogwe, 12.5 km NW: **FMNH:** 147399, 147400, 147401, 150417, 150418, 150419 - Lugoda Tea Estate: **SMF:** 61160, 66952 - Mazumba Estate (0448S 3829E): **ZMUC:** 4087, 4088, 4092, 4093, 4095, 4097, 4098, 4099 - Ngorongoro (0310S 3535E): **TM:** 9998 - Simiyu: **FMNH:** 73075.

Uganda:

Mubuk river, right bank: **FMNH:** 144317.

Unknown Country:

: **DNSM:** 7015.

Zimbabwe:

Chikupo Caves (1723S 3117E): **TM:** 34839 - Chingamwe Estates, ZTA Cottage (1827S 3245E): **DNSM:** 4692 - Chirinda forest (2024S 3242E): **TM:** 34634 - Rhodes Inyanga National Park (1817S 3246E): **TM:** 11403, 34757 - Rusito Forest (2002S 3259E): **TM:** 34767, 34768, 34778 - Shinda Estates (ca. 1918S 3248E): **NHMZ:** 60472.

Pipistrellus inexpectatus Aellen, 1959**Benin:**

Bimbereke (1014N 0240E): **USNM:** 421391 - Segbana (1056N 0342E): **USNM:** 421393.

Cameroon:

Ngaaouyanga (07 59 N 13 36 E): **MHNC:** ? (Type *Pipistrellus inexpectatus*).

Ghana:

Yabraso (0804N 0147W): **USNM:** 424862.

Kenya:

Kenya: **USNM:** 377055.

Malawi:

Likabula mission (1557S 3524E): **TM:** 41800.

Nigeria:

S Birnin Gwari (1048N 0618E): **ROM:** 86291.

Sierra Leone:

Fadugu (0923N 1146W): **USNM:** 462852.

Pipistrellus kuhlii (Kuhl, 1817)**"Africa":**

Africa: **KBIN:** 12306 - Northern Africa: **AMNH:** 409/2694/3030 - Sahara: **MHNG:** 671.30 - Unknown locality: **BMNH:** 72.a; **MHNG:** 1716.90.

Algeria:

Ain Oussera (3527N 0255E): **CM:** 79062, 79073, 79078, 79081, 79082, 79083, 79084, 79085, 79086, 79087, 79088, 79089, 79090, 79091, 79092 - Algiers (3645N 0341E): **ZMB:** 8968 - Beni Cabbes, 15 km N (2905N 0105W): **RMCA:**

- 73-041-M-0007 - Biskra (3451N 0544E): **ZFMK**: 77.1001, 77.1002, 77.1003; **ZMB**: 17547, 17548, 17549 - Djamaa (3332N 0600E): **MNHN**: 1983-664, 1985-1709 - Djelfa (3443N 0314E): **ZFMK**: 54.2 - Hassi Kalifa (3335N 0700E): **KBIN**: 17257 - Heljani (3542N 0037W): **MNHN**: 1985-660 - Laghouat (3349N 0255E): **FMNH**: 92750 - Les Andalouses (3541N 0039W): **HZM**: 235.21856, 236.21857, 237.21858, 239.21875, 246.22534, 247.22535, 248.22536 - Misserghin (3538N 0043W): **HZM**: 238.21874 - Mouzjdjajo (3542N 0433E): **CM**: 79066, 79067 - Oran (3541N 0039W): **MNHN**: 1985-1031; **ZMB**: 14999 - Ouargla (3157N 0520E): **MHNG**: 722.37; **MNHN**: 1884-2012 - Ouarsenis, Djebel (3552N 0138E): **MNHN**: 1985-954 - Oued Rhumel (3632N 0616E): **CM**: 79063, 79097 - Oued Tlélat (3534N 0025W): **HZM**: 245.22533 - road between Sétif and Annaba (3622N 0639E): **ZFMK**: 154, 155 - Sétif (3613N 0525E): **CM**: 79064 - Sidi Okba (3445N 0554E): **USNM**: 175027, 175031, 175041, 175043, 175047 - Umasch [=Oumach] (34 41 N 05 42 E): **ZMB**: T09570.
- Cameroon:**
Camp IV (0610N 1025E): **ZFMK**: 69.488a, 69.488b.
- Cape Verde:**
São Vicente island (1650N 2500W): **MZUF**: 10597.
- Cote D'Ivoire:**
Abidjan, 15 km NW (0521N 0405W): **CM**: 69167 - Ivory Coast: **MNHN**: 1985-585.
- Djibouti:**
Djibouti (1135N 4309E): **FMNH**: 68192 - Obock (1159N 4318E): **MNHN**: 1895-453, 1895-454, 1895-455.
- Egypt:**
Abu Ghaleb, 2 km N (3001N 3056E): **CM**: 79101, 79102, 79103, 79105, 79106, 79107, 79108 - Abu Rawash (3002N 3106E): **CM**: 113807, 113808, 113962, 113963, 113964, 113965, 113966 - Alexandria (3113N 2955E): **FMNH**: 144043; **MNHN**: 1985-1026, 1985-1027, 1985-1028 - Bahig (3056N 2935E): **FMNH**: 123230; **SMF**: 26114 - Burgh-El-Arab (3055N 2932E): **FMNH**: 123231 - Cairo (3003N 3115E): **ZMB**: 3398 - Cairo and Ismaila, between (3000N 3100E): **SMF**: 22014 - Egypt: **MHNG**: 874.44a, 874.44b; **SMF**: 4307 (*Type Vespertilio marginatus*) - El Qasr (2821N 2851E): **FMNH**: 84793, 84794, 84795 - Kom Hamada (3046N 3041E): **FMNH**: 68191 - no specific locality: **ZMB**: 495 - Port Said, 10 mi S (3117N 3218E): **FMNH**: 98171, 98172, 98173 - Saqqara (2951N 3113E): **CM**: 79119 - Sharqiya (3115N 3217E): **ZMB**: 54228 - Sinnuris (2925N 3052E): **FMNH**: 75079, 75080 - Suez area (2958N 3233E): **MNHN**: 1869-1516B - Zawyet Umm El Rakhm (3124N 2703E): **FMNH**: 123234, 123248, 123255, 123258 - Zawyet Umm El Rakhm, 0.5 mi (3124N 2703E): **FMNH**: 93725.
- Ethiopia:**
Abyssinia: **ZMB**: 5695 - Addis Ababa (0902N 3845E): **AMNH**: 48079, 48080, 81089; **FMNH**: 28779; **ZFMK**: 77.1011 - Bulcha Forest (0611N 3810E): **CM**: 52657 - Dangila (1117N 3655E): **BMNH**: 1928.1.11.31, 1928.1.11.34, 1928.1.11.35, 1928.1.11.37, 1928.1.11.38, 1928.1.11.39 - Debre Marcos, near (1021N 3743E): **FMNH**: 28780 - Forty Springs (0602N 3736E): **SMF**: 49097, 49098, 49099, 49106, 49108 - Hirna and Deder, between (ca. 0920N, 4116E): **ZMMU**: S-168942 - Manera forest (0654N 3642E): **MNHN**: 1985-1022 - Shoa province (ca. 09 N 39 E): **SMF**: 12361.
- Libya:**
Al Bayda, 5 km SW (3218N 2025E): **CM**: 79120, 79121 - Benghazi (3207N 2005E): **HZM**: 218.7402 - Sabratah (3248N 1229E): **CM**: 79122 - Tripoli (3258N 1312E): **KBIN**: 274; **MHNG**: 987.14.
- Morocco:**
Berkane (3455N 0220W): **MNHN**: 1985-1578, 1985-1931 - Dcheira (3022N 0932W): **SMF**: 47778, 47779, 47780 - Goulimine (2856N 1004W): **MNHN**: 1950-144A, 1950-144B - Nador, 20 km SE (3507N 0245W): **USNM**: 476625 - Taounate, 15 km WSW (3429N 0448W): **USNM**: 476616, 476617, 476618, 476619, 476620, 476621, 476622, 476623, 476624.
- Sudan:**
Gilo, 5 mi S (0402N 3251E): **FMNH**: 108165, 108166 - Katire (0405N 3246E): **FMNH**: 78478, 78479, 79562 - Nubia (ca. 2000N 3200E): **KBIN**: 12328.
- Tunisia:**
Cartago (3654N 1016E): **SMF**: 19551; **ZFMK**: 59.269, 59.270, 59.271, 59.285, 59.286, 59.287, 59.288, 59.289 - El Hamma de Gabès (3354N 0948E): **MNHN**: 1884-2010, 1884-2011 - Enfidaville (3610N 1023E): **HZM**: 130.4440 - Gabès (3353N 1007E): **FMNH**: 89851, 89852; **MHNG**: 921.16 - Gabès, 100 km S (3300N 1000E): **MHNG**: 1684.56 - Therma: **NRM**: A583296, A593001 - Tunis (3704N 1004E): **SMF**: 11788, 11789; **ZMB**: 54235 - Tunisia: **MNHN**: 1995-1701 - Wadi Zriba (3618N 1013E): **HZM**: 128.4438.
- Pipistrellus maderensis* (Dobson, 1878)
- Madeira [Portugal]:**
Madeira Islands, Madeira Island: **BMNH**: 1855.8.16.34.
- Pipistrellus nanulus* Thomas, 1904
- Benin:**
"Dahomey": **MNHN**: 1912-445 - Bimbereke (1014N 0240E): **USNM**: 421398, 421401.
- Burkina Faso:**
Ouagadougou (1221N 0132W): **USNM**: 454669.
- Cameroon:**
Aboubou (0217N 1203E): **RMCA**: 73-018-M-0233 - Ambam, 10 km S, 5 km E (0217N 1119E): **CM**: 58577 - Ambam, 13 km S, 5 km E (0216N 1121E): **CM**: 58582 - Cameroon: **RMCA**: 77-032-M-0099 - Ebolowa (0254N 1109E): **CM**: 42329 - Efulen (0247N 1032E): **BMNH**: 1904.2.8.8 (*Holotype Pipistrellus nanulus*), 1905.5.23.13 - Eseka, 5 km SW (0337N 1045E): **AMNH**: 236317 - Foulassi (0259N 1158E): **MHNG**: 914.56, 914.57 - Galim (0706N 1229E): **RMCA**: coll:1.2427 - Sangmelima (0256N 1159E): **CM**: 10318 - Tisongo, Lake (0325N 0954E): **USNM**: 511927 - Yaoundé, 7 km S, 8 km W (0348N 1127E): **CM**: 58580 - Yaoundé, 9 km S, 10 km W (0347N 1125E): **CM**: 58581.
- Congo (Democratic Republic of the):**
Avakubi (0118N 2735E): **AMNH**: 49323.
- Côte d'Ivoire:**
Adiopodoumé (0519N 0408W): **RMCA**: coll:775.

Equatorial Guinea:

Banapa: **AMNH**: 185612 - Fernando Po [=Bioko island] (0330N 0842E): **AMNH**: 185329 - San Carlos (0327N 0833E): **ZFMK**: 64.320.

Gabon:

N'Gomo Ogooue: **MNHN**: 1911-798/1 - Ogowé (0100S 1300E): **AMNH**: 37235.

Ghana:

Butre (0449N 0155W): **USNM**: 414241 - Prestea, 32 mi W (0523N 0228W): **USNM**: 414240 - Prince's Town, 7 mi N (0451N 0204W): **USNM**: 412139 - Shai Hills Resource Reserve (0557N 0004E): **CM**: 113632, 113633, 113634, 113635, 113636.

Kenya:

Kakamega forest, 8 mi SE (0016N 3453E): **USNM**: 350976, 350977.

Liberia:

Saniquellie (0724N 0845W): **AMNH**: 257055 - South Nimba (0739N 0830W): **BMNH**: 1979.508 - Tchien: **AMNH**: 239403.

Senegal:

Saboya (1341N 1611W): **MHNG**: 1131.19.

Sierra Leone:

Fintonia, 5.8 km E (0940N 1210W): **USNM**: 547016, 547017, 547018 - Musaia (0945N 1134W): **BMNH**: 1961.17, 1962.446 - Panguma, 10 mi N (0817N 1106W): **USNM**: 463166 - Sainya, 5.2 mi W by road (0948N 1227W): **USNM**: 547019.

Togo:

Togo: **RMCA**: coll:149.

Uganda:

Budo (0015N 3229E): **BMNH**: 1971.938 - Budongo Forest (0146N 3133E): **AMNH**: 219740 - Fort Portal (0040S 3017E): **AMNH**: 219741.

Pipistrellus nanus (Peters, 1852)**"Africa":**

Ruwenzori West: **RMCA**: 16600 - Unknown locality: **RMCA**: 90-010-M-0002, 90-010-M-0003.

Angola:

Capelongo (1455S 1505E): **AMNH**: 85532 - Carumba lake: **YPM**: 285 - Chinchoxo (ca. 0505S 1202E): **ZMB**: 4903 - Huila (1504S 1332E): **FMMH**: 84123, 84124, 84132 - Malange [=Malanje]: **ZMB**: 5992 - Roça Cansele (0900S 1558E): **YPM**: 283, 284.

Benin:

Bimbereke (1014N 0240E): **USNM**: 421390, 421394 - Kpodave (0649N 0146E): **USNM**: 438942 - Parakou (0921N 0237E): **USNM**: 421389 - Soubroukou (0941N 0138E): **USNM**: 438932, 438934, 438935, 438936, 438937, 438940, 438941.

Botswana:

Sepopa (1820S 2000E): **USNM**: 425345, 425346, 425347 - Sepopa (1850S 2215E): **NHMZ**: 64001 - Shakawe (1821S 2152E): **USNM**: 425344 - Shakawe, 50 mi W, 12 mi S (1833S 2102E): **USNM**: 425348.

Burkina Faso:

Nobéré, 1 km S (1126N 0110W): **USNM**: 503951.

Burundi:

Bujumbura (0324S 2908E): **RMCA**: 35155, 82-016-M-0009 - Busiga (0253S 2944E): **MHNG**: 1607.57, 1607.58, 1607.59, 1607.61, 1607.62, 1607.63 - Bweru (0319S 3028E): **KBIN**: 19912 - Kanyinya (0235S 3005E): **MHNG**: 1607.64, 1607.65, 1607.66 - Mpinga (0344S 3010E): **MHNG**: 1607.51, 1607.72 - Nyakanda (0318S 3020E): **MHNG**: 1607.74, 1607.75, 1607.76 - Nyanza, lake (0420S 2935E): **RMCA**: 12044 - Rugari mission (0244S 3024E): **MHNG**: 1607.67, 1607.68, 1607.69, 1607.71 - Rutana (0356N 3000E): **SMF**: 57570 - Tora (0341S 2933E): **RMCA**: coll:B90.

Burundi?:

Russissi, bank [=Rusizi delta] (0316S 2314E): **ZMB**: T09305.

Cameroon:

Bitye (0313N 1222E): **RMCA**: 1474, 2641 - Bosum [syn Bozum], Uam (0618N 1622E): **ZMB**: 31501, 31502 - Buea (0409N 0913E): **ZFMK**: 63.189 - Camp III (0409N 0913E): **ZFMK**: 61.672, 61.673 - Camp V (0413N 0932E): **ZFMK**: 69.490 - Djohong (0650N 1442E): **RMCA**: coll:1.1001, coll:1.1002, coll:1.1003, coll:1.1005, coll:1.1006, coll:1.1007, coll:1.1009, coll:1.1010, coll:1.1011, coll:1.1013, coll:1.1014, coll:1.1015, coll:1.1016, coll:1.2440, coll:1.2441, coll:1.2443, coll:1.2444, coll:1.2446, coll:1.2447, coll:1.2451, coll:1.2452, coll:1.2453, coll:1.2454, coll:1.2455, coll:1.2456, coll:1.2457, coll:1.2458, coll:1.2459, coll:1.2460, coll:1.2461, coll:1.2462, coll:1.2463, coll:1.2464, coll:1.2465, coll:1.2467, coll:1.2468, coll:1.2469, coll:1.2470, coll:1.2471, coll:1.2472, coll:1.2473, coll:1.2474, coll:1.2475, coll:1.2476, coll:1.2477, coll:1.2479, coll:1.2480, coll:1.2482, coll:1.2483, coll:1.2484, coll:1.2485, coll:1.2488, coll:1.2489, coll:1.2490, coll:1.2491, coll:1.2492, coll:1.2493, coll:1.2494, coll:1.2495, coll:1.2496, coll:1.2497, coll:1.2498, coll:1.2499, coll:1.2500 - Eseka, 3 km S, 3 km W (0337N 1045E): **CM**: 58583 - Galim (0706N 1229E): **RMCA**: coll:1.2314, coll:1.2315, coll:1.2428 - Lolodorf (0316N 1050E): **CM**: 16082, 2992 - Mbakaou (0619N 1249E): **RMCA**: 73-018-M-0229, 73-018-M-0411 - Murkoryé: **MHNG**: 921.18 - Muyuna Town (0417N 0925E): **ROM**: 58297 - Poli (0829N 1315E): **RMCA**: coll:2.11, coll:2.26 - Victoria (0401N 0912E): **ZMB**: T09444 - Wakwa (0714N 1335E): **RMCA**: coll:2.748, coll:2.749 - Yagoua (1020N 1514E): **RMCA**: coll:1.432, coll:1.432a, coll:1.432b - Yaoundé, 16 km S, 2 km E (0343N 1132E): **CM**: 58591, 58592, 58593 - Yaoundé, 23 km S, 1 km E (0340N 1132E): **CM**: 58594 - Yaoundé, 7 km S, 8 km W (0348N 1127E): **CM**: 58584, 58586, 58587, 58588 - Yaoundé, 9 km S, 10 km W (0347N 1125E): **CM**: 58589, 58590.

Central African Republic:

Boukoko (0354N 1756E): **MNHN**: 1984-289, 1984-296A, 1984-296B - Koumbala Camp (0729N 2113E): **CM**: 73727 - M'Baikie (0354N 1800E): **CM**: 41014 - Ndele and Vakaga, between (0841N 2130E): **CM**: 73726.

Comoro Islands:

Anjouan island (1215S 4425E): **ZMB**: T10473.

Congo:

Epena (0121N 1727E): **CM**: 113913, 113914, 113915, 113916, 113917, 113918, 113919, 113920, 113921, 113922, 113923, 113924, 113925, 113926, 113927, 113928, 113929, 113930, 113932 - Kunda (0025S 1545E): **HZM**: 310.20467, 312.20469, 313.20470 - Mayumbe (0430S 1230E): **RMCA**: 3433 - Oubangi (0030S 17E): **ZMB**: 41678 - Tondou (0053S 1809E): **RMCA**: 6613, 6614, 6615, 6616, 6617, 6621 - Voka (0441S 1441E): **CM**: 113934.

Congo (Democratic Republic of the):

Aba (0353N 3017E): **AMNH**: 48979 (*Type Pipistrellus abensis*); **KBIN**: 13862A, 13862B, 13866 - Abimva (0309N 2946E): **RMCA**: 9025, 9028, 9030, 9031, 9032, 9033 - Albert Park (0200N 3000E): **RMCA**: PNA 1332 - Albertville [=Kalemie] (0557S 2910E): **RMCA**: 421 - Ambarau (0310N 2943E): **RMCA**: 21839 - Bafwabaka (0210N 2743E): **RMCA**: 12369 - Bagbele (0420N 2916E): **KBIN**: 13802A, 13802B, 13861; **RMCA**: 36870 - Bagbele Moko (0420N 2916E): **KBIN**: 13864A, 13864B, 13864C, 13864D, 13864E, 13864F, 13864G, 13864H, 13864I, 13864J, 13864K, 13864L, 13864M, 13864N, 13864O, 13865A, 13865B, 13865C, 13865D, 13865E, 13865F, 13865G, 13865H, 13865I, 13865J; **RMCA**: 36871, 36872, 36873, 36874, 36875, 36876, 36877, 36878, 36879, 36880, 36881, 36882, 36883, 36884, 36885, 36886, 36887 - Bambesa (0323N 2547E): **RMCA**: 17766 - Banana (0558S 1227E): **RMCA**: 20525, 20526, 20527, 20749, 20764 - Basongo (0423S 2023E): **RMCA**: 6644, 6645 - Batala's Village (0030N 2915E): **ZMUC**: 1541, 1542, 1543 - Bikoro (0045S 1809E): **RMCA**: 6618 - Bitshumbi (0041S 2923E): **RMCA**: 16640, 16641 - Boende (0014N 2050E): **RMCA**: 34076, 34079, 34080, 34081, 34083, 34084, 34085, 34087, 34088, 34089, 34090, 34091, 34092, 34094, 34096, 34098, 34099, 34101, 34102, 34103, 34104, 34105, 34106, 34107, 34108, 34110, 34111, 34112, 34113, 34115, 34116, 34117, 34118, 34119, 34121, 34122, 34123, 34124, 34126, 34127, 34129, 34130, 34131, 34132, 34134, 34135, 34136, 34137, 34138, 34139, 34140, 34141, 34142, 34143, 34144, 34145, 34147, 34148, 34149, 34150, 34152, 34153, 34154, 34155, 35640, 38715, 38719, 38720, 38721, 38722, 38725a, 38726, 38728, 38730, 75-035-M-0027, 75-035-M-0030, 75-035-M-0032, 75-035-M-0033, 75-035-M-0034, 75-035-M-0035 - Bokuma (0006S 1841E): **RMCA**: 21397, 21398, 21399, 21401, 21402, 21405, 21406, 21671, 22039, 22043, 22047, 22154, 22155, 22156, 22157, 22158, 22159, 22161, 22164, 22165, 22166, 22167, 22168, 22169, 22170, 22171, 22173, 22174, 22175, 22176, 22177, 22178, 22179, 22319, 22320a, 22321a, 22321b, 23249, 23250, 23251, 23252, 23253, 23254, 23255, 23258, 23260, 23263, 23264, 23265, 23266, 23269, 81408 - Boma (0550S 1303E, 30 m): **SMF**: 2523 (*Type Vesperus pusillus*) - Bosodula (0432N 2016E): **RMCA**: 17755 - Boteka (0019S 1907E): **RMCA**: 85-021-M-0005, 85-021-M-0007, 85-021-M-0008, 85-021-M-0009, 85-021-M-0010, 85-021-M-0011, 85-052-M-0004 - Bugara (0110S 2928E): **RMCA**: 37201, 37202, 37203, 37204, 37205, 37207, 37208, 37210, 37211 - Bukavu (0228S 2853E): **RMCA**: 38583 - Bumba (0210N 2232E): **RMCA**: 18114, 88-011-M-0018 - Bunyangura (0109S 2926E): **RMCA**: 37213, 37214, 37215, 37217, 37357, 37358, 37359, 37360, 37363 - Bunyenzi (0110S 2927E): **RMCA**: 37189, 37190, 37193, 37248, 37249, 37250, 37251, 37252, 37253, 37254, 37255, 37256, 37257, 37258, 37260 - Busholinka river (0111S 2929E): **RMCA**: 37223, 37224 - Buta (0249N 2450E): **RMCA**: 14563b, 14563c, 14581, 14586, 15732, 15733, 15735, 15911, 16572 - Butembo (0009N 2918E): **RMCA**: 27397 - Congo: **RMCA**: 16639, 88-011-M-0019 - Congo da Lemba (0542S 1340E): **RMCA**: 1544a, 1544b, 1544c, 1544d, 1544e, 1544f, 1544g, 1544h - Congo river, 75 mi up: **USNM**: 102499 - Costermansville (0228S 2853E): **RMCA**: 20656 - Dika (0416N 2742E): **RMCA**: 16260a - Dilolo (1029S 2230E): **RMCA**: 19077 - Dramba (0340N 3025E): **RMCA**: 8991 - Duma (0354N 1841E): **ZMH**: 41082?, 41083? - Dungu (0337N 2833E): **KBIN**: 13803; **RMCA**: 1105a, 1105b, 1105c, 1105d, 1105e, 1105f, 1105g, 1105h, 1105i, 16192 - Elila (0243S 2553E): **RMCA**: 18044 - Elisabethville [=Lubumbashi] (1140S 2728E): **RMCA**: 22718, 26220, 26332, 26345, 26365 - Faradje (0344N 2943E): **RMCA**: 9045, 9059, 9897, 9900, 9901 - Flandria (0023S 1905E): **RMCA**: 90-007-M-0001 - Fuko river (0115S 2928E): **RMCA**: 37282, 37283, 37284 - Ganda Sundi (0447S 1254E): **RMCA**: 33276 - Gangala-na-Bodio (0340N 2909E): **KBIN**: 12947, 13860, 8191, 8192, 8193, 8194 - Geramihasha river, affluent of Rodahira river (0113S 1946E): **RMCA**: 37292, 37326, 37327 - Ibambi (0223N 2736E): **RMCA**: 15393, 15394 - Idjwi island (0200S 2910E): **RMCA**: 28919, 28920 - Jadotville (1058S 2647E): **RMCA**: 27581, 27583, 27584 - Jalusaka (0105S 2258E): **RMCA**: 27165 - Kabengere (0908S 2616E): **FMNH**: 30686 - Kabira (204S 2853E): **RMCA**: 28914, 28915 - Kabongo (0720S 2534E): **RMCA**: 21483 - Kadehe river (0109S 2929E): **RMCA**: 37195, 37196, 37197 - Kadjuju (0209S 2854E): **RMCA**: 12847b, 12847c, 12848a, 12848b, 12848c, 12848f - Kahama (0113S 2927E): **RMCA**: 37367, 37370, 37371, 37372 - Kakanda cave (1047S 2636E): **KBIN**: 14529, 14530; **RMCA**: 22379, 22888, 33068 - Kakoi (0505S 1857E): **MSB**: ZaAn 3025 - Kakonde (0752S 2943E): **RMCA**: 26239, 26240, 26244 - Kalulako (1142S 2734E): **RMCA**: 26221, 26384, 26388, 26389, 26390, 26391, 26392, 26393 - Kamituga (0301S 2806E): **RMCA**: 32585, 32596, 32857, 32858, 32859, 32860, 32862 - Kanzarue river (0109S 2924E): **RMCA**: 37198 - Kapaso (1140S 2729E): **RMCA**: 26381 - Kaponda (1146S 2720E): **RMCA**: 26337 - Karavia (1141S 2729E): **RMCA**: 26346, 26347, 26360, 26374, 26375, 26376 - Kasai province (ca. 0521S 2125E): **RMCA**: 739, 90-005-M-0001 - Kasebeya river (0110S 2928E): **RMCA**: 37270 - Kasenga (1137S 2740E): **RMCA**: 22440 - Kasongo (0630S 1651E): **RMCA**: 26335 - Kataye Sukunga: **RMCA**: 11548 - Katundwe river (0110S 2928E): **RMCA**: 37173, 37194, 37285, 37286, 37287, 37288, 37289, 37290, 37291, 37295, 37296, 37297, 37336, 37339, 37340, 37341, 37342, 37343, 37344, 37345, 37346, 37347, 37348, 37349, 37350, 37351, 37352, 37353, 37354 - Kiamokoto (0910S 2704E): **KBIN**: 10710 - Kikanda (1133S 2737E): **RMCA**: 26224, 26336, 26338, 26339, 26340, 26341, 26342, 26343, 26379, 26380 - Kikumba [3 locs] (0211S 2848E): **RMCA**: 28916, 28917 - Kilinga (0110S 2929E): **RMCA**: 37278, 37279 - Kilobilobe (1142S 2734E): **RMCA**: 26385, 26386 - Kilwa (0815S 2821E): **RMCA**: 14589 - Kiswishi (1251S 2912E): **RMCA**: 26348, 26349, 26350, 26366, 26377 - Koteli (0251N 2434E): **RMCA**: 16273, 16274, 8877 - Kunungu (0206S 1626E): **RMCA**: 10616, 14159, 14160, 14161, 14162, 14163, 14164, 14165, 14166, 15515, 7752, 7753, 7755 - Loondo Mugunga (0042S 2241E): **KBIN**: 7468B - Lovoi (0838S 2448E): **RMCA**: 11737 - Lubumbashi (1140S 2728E): **RMCA**: 22452, 22453, 22454, 22455, 22456, 22457 - Lubwa (1138S 2728E): **RMCA**: 26331 - Luebo (0520S 2133E): **RMCA**: 6609, 6610, 6636, 6637, 6638, 6639, 6641, 6641A, 6641B, 6643 - Lukafu (1028S 2732E): **RMCA**: 11130 - Lukolela (0110S 1711E): **RMCA**: 7039 - Lula (0725S 2233E): **RMCA**: 25629, 25630, 25631, 25632, 25633, 25634, 25635, 25636 - Luluabourg [=Kananga] (0553S 2226E): **RMCA**: 15373, 15379, 1954, 1954d, 1954e, 31567, 31568, 31569, 31571, 31574, 31575, 32657, 32666, 7169, 7182, 7552, 7553, 7555, 7557, 7558, 7559, 7563, 7564, 7565 - Lusambo (0459S 2326E): **RMCA**: 7334, 7335, 7336, 7337, 7338, 7339, 7340, 7631 - Lusinga (0853S 2715E): **KBIN**: 10805 - Lwiro (0212S 2848E): **ZMZ**: 126637, 126638 - Mabali (0055S 1809E): **RMCA**: 28918 - Mabwe river (0842S 2629E): **KBIN**: 10806A, 10806C, 10806D, 10806G, 10806H, 10806I - Madimao (1140S 2729E): **RMCA**: 26351, 26354, 26355 - Makisabo (0024N 2936E): **RMCA**: 37174 - Matadi (0550S 1332E): **RMCA**: 13966 - Mauda (0405N 2741E): **RMCA**: 8955, 8958, 8971, 8989, 8990 - May ya Moto (0014N 2943E): **RMCA**: 37281 - Mayembe (0620S 1915E): **RMCA**: 90-012-M-0002 - Mbalaka (0503S 1850E): **RMCA**: 97-021-M-0838 - Mimbulu (1143S 2719E): **RMCA**: 26382 - Mosenge (0439S 1838E): **RMCA**: 88-011-M-0021 - M'Pala, Kazenze (1029S 2513E): **KBIN**: 14524, 14525, 14526, 14527, 14528 - Mugunga, Lake (0137S 2908E): **KBIN**: 4761, 4762; **RMCA**: 16636, 16637 - Mukuta (1141S 2729E): **RMCA**: 26394, 26395, 26396, 26397, 26398 - Mulungu (0218S 2848E): **RMCA**: 15873, 15874 - Murambi (0108S 2927E):

RMCA: 28029, 37175, 37176, 37177, 37178, 37179, 37180, 37181, 37182, 37199, 37200 - Mwenda-Katuka piste:
KBIN: 15452A, 15452B, 15452C, 15452D, 15452H, 15452J, 15452K, 15452L, 15452M, 15452O, 15452P, 15452Q,
 15452R, 15452S, 15452T, 15452U - Nakiluba (1134S 2719E): **RMCA:** 26329, 26368, 26369 - Netonna (0558S
 1227E): **SMF:** 2524 (*Lectotype Vesperugo pagenstecheri*), 2525 - Ngayu (0145N 2733E): **RMCA:** 12368 - Ngombe
 (0640S 2057E): **RMCA:** 6611, 6628, 6629, 6630, 6631, 6633 - Nyabikere (0110S 2927E): **RMCA:** 37187, 37188,
 37226, 37227, 37228, 37229, 37230, 37233, 37234, 37312, 37313, 37314, 37315, 37316, 37317, 37320, 37321,
 37322, 37324, 37361 - Nyakariba river, affluent of Fuko river (0113S 2924E): **RMCA:** 37235, 37236, 37364 - Nzulu
 (0036S 2905E): **KBIN:** 4763, 4764; **RMCA:** 16638 - Omaniundu (0321S 2315E): **RMCA:** 29537 - Pilipili (0033N
 2744E): **RMCA:** 1610 - Rodahira river (0131N 2926E): **RMCA:** 37185, 37330, 37331, 37332, 37333, 37334, 37335,
 37365 - Rumanura river (0110S 2928E): **RMCA:** 37307, 37309 - Rusenyi river (0112S 2936E): **RMCA:** 37184, 37186,
 37271, 37272, 37273, 37274, 37275, 37276 - Rutshuru (0111S 2927E): **RMCA:** 17090, 37191, 37192, 37239, 37240,
 37241, 37242, 37243, 37264, 37265, 37266, 37267, 37268, 37269, 37303, 37304, 37305, 37306, 37374 - Ruwenzori
 (0023N 2954E): **ZMB:** T09311 - Sakania (1244S 2834E): **RMCA:** 2821 - Shindaika (1139S 2741E): **RMCA:** 26356,
 26357, 26358, 26359 - Stanleyville [=Kisangani] (0033N 2514E): **RMCA:** 11707, 282a, 282b, 282c, 282d, 282f, 82-
 031-M-0033, 82-031-M-0036, 82-031-M-0038, 82-031-M-0040, 82-031-M-0041, 82-031-M-0042, 82-031-M-0043, 82-
 031-M-0044, 82-031-M-0046, 82-031-M-0048, 82-031-M-0049, 82-031-M-0050, 82-031-M-0052, 82-031-M-0053, 82-
 031-M-0054, 82-031-M-0055, 82-031-M-0056, 82-031-M-0058, 82-031-M-0060, 82-031-M-0062, 82-031-M-0063, 82-
 031-M-0064, 82-031-M-0065, 82-031-M-0066 - Tandala (0302N 1921E): **CM:** 86794, 86796, 86797, 86798, 86799,
 86800, 86802, 86803, 86804; **USNM:** 537722, 537723 - Teturi (0105N 2910E): **KBIN:** 7050, 7051 - Tschakala (0028N
 2533E): **RMCA:** 82-019-M-0005, 82-019-M-0006 - Tshibaka (0738S 2303E): **RMCA:** 25628 - Tshikapa (0628S
 2048E): **RMCA:** 6634, 7310 - Tshisangwe (1128S 2739E): **RMCA:** 26371, 26372 - Uvira (0322S 2906E, 780 m): **ZMB:**
 T09307 - Vitshumbi (0041S 2923E): **KBIN:** 4766 - Wafanya (0121S 2020E): **RMCA:** 88-005-M-0004, 88-005-M-0005,
 88-005-M-0006, 88-005-M-0013, 88-005-M-0015, 89-020-M-0047 - Wago, mount (0144N 3039E): **RMCA:** 20791,
 20792, 20793, 20794, 20795, 20796, 20797, 20798, 20800, 20801, 21472, 21473, 21474, 23301 - Wilibadi river
 (0350N 2910E): **KBIN:** 8195A, 8195B, 8195C, 8195D - Yalosemba (0235N 2451E): **CM:** 86790, 86791, 86792 -
 Yangambi (0047N 2424E): **KBIN:** 6989, 6990; **RMCA:** 37900.

Cote D'Ivoire:

Asakra (0624N 0454W): **MHNG:** 925.11, 925.22, 925.23 - Cosrou (0519N 0439W): **MHNG:** 925.05 - Doropo (0949N
 0320W): **RMCA:** 34864 - Flampieu (0717N 0823W): **RMCA:** 34858 - Gueboua (0559N 0541W): **AMNH:** 239404,
 239405; **RMCA:** coll:A9057 - Ivory Coast: **RMCA:** coll:209, coll:27467, coll:27468, coll:A9059, coll:A9060, coll:A9061,
 coll:A9382, coll:A9384, coll:A9385, coll:A9386, coll:A9388, coll:A9390, coll:A9391, coll:A9392, coll:AX625, coll:AX627,
 coll:AX630, coll:AX632, coll:AX636, coll:B0002 - Jacqueville (0512N 0424W): **USNM:** 429942, 429945 - Lamto
 Ecology Station (0613N 0502W): **RMCA:** coll:1402, coll:1403 - Oumé (0623N 0525W): **RMCA:** coll:A9381 - Saibly:
RMCA: 34859 - Tiegba [5 locs]: **MHNG:** 925.32 - Toyebli (0637N 0829W): **RMCA:** 34860, 34861.

Côte d'Ivoire:

Adiopodoumé (0519N 0408W): **MHNG:** 924.98, 925.12, 925.29, 925.3, 925.31; **RMCA:** 34857, 34863, coll:1032,
 coll:1034, coll:1036, coll:1038, coll:1039, coll:1040, coll:1041, coll:1042, coll:1043, coll:1069, coll:1070, coll:1071,
 coll:1183, coll:1184, coll:1185, coll:1187, coll:628, coll:892, coll:893, coll:894, coll:914, coll:915, coll:916, coll:917,
 coll:918, coll:919, coll:A8096, coll:A8342, coll:A8364.

Djibouti:

no specific locality: **ZMB:** T09724.

Ethiopia:

Abyssinia: **MNHN:** 1905-452, 1985-983 - Arba Minch (0602N 3736E): **SMF:** 45736 - Bahar Dar (1135N 3725E): **SMF:**
 40645, 40646 - Didessa settlement (0902N 3609E): **CM:** 52656 - Jimma, 5 km E (0740N 3650E): **SMF:** 49590, 49591,
 49592 - Shoa province (ca. 09 N 39 E): **SMF:** 4306 (*Lectotype Vespertilio Pipistrellus varietas africana*) - Woliso
 (0833N 3700E): **HZM:** 63.3134, 64.3135.

Gabon:

Bélinga (0113N 1310E): **ZMA:** 8.283, 8.285 - Limbareni [=Lambarene] (0041S 1013E): **ZMB:** 4978 - Makokou (0038N
 1247E): **ZMA:** 8.287, 8.289.

Ghana:

Accra, 9 mi NE (0533N 0015W): **CM:** 69165 - Ankasi: **ROM:** 49077, 49078, 49079, 49080, 49081, 49082, 49084,
 49085, 49086, 49088 - Bekwai Ash (0627N 0135W): **ROM:** 49115, 49117, 49118 - Bimbilla, 15 mi S (0852N 0004E):
AMNH: 239407, 239408, 239409, 239410 - Jukwa (0515N 0121W): **USNM:** 412121 - Kumari, 17 mi from (0645N
 0135W): **ROM:** 51628, 51629 - Legon [Botanical Garden] (0539N 0011W): **USNM:** 412117 - MomPort (0704N 0124E):
ROM: 51631 - Nkawkaw, 1 mi N (0633N 0044W): **USNM:** 412118 - Nkawkaw, 3.25 km N, 1.33 km W (0632N 0044W):
CM: 62409, 62410 - Saruwi river (0516N 0120W): **USNM:** 412119, 412120.

Guinea:

no specific locality: **ZMB:** 3835.

Guinea-Bissau:

Catió (1113N 1501W): **CZL:** 46.20.220 - Pitche (1220N 1357W): **CZL:** 46.20.314 - Ponta de Marques Mano (1152N
 1546W): **CZL:** 45.20.002.

Kenya:

Barberton Farm (0102N 3500E): **USNM:** 350980 - Ikuywa river bridge (0013N 3455E): **CM:** 102221, 102222, 98033,
 98034 - Kakamega (0017N 3447E): **CM:** 10705 - Kakamega forest station (0014N 3452E): **CM:** 98030, 98031, 98032 -
 Kakamega forest, 8 mi SE (0016N 3453E): **USNM:** 350975 - Kamuani Area: **HZM:** 263.12451, 264.12452 - Kamuani:
HZM: 307.17391, 308.17392 - Kibomoto: **MNHN:** 1913-23 - Kibwezi (0225S 3758E): **USNM:** 436700 - Kilifi (0338S
 3951E): **USNM:** 350984 - Kinu (0003N 3447E): **RMCA:** 35583, 35584, 35585, 35586, 38554, 38555, 38556, 38557,
 38558, 38559 - Kiriri (0112S 3634E): **RMCA:** 35582 - Kitale (0101N 3501E): **HZM:** 6.2014 - Kitale, 12 mi W (0102N
 3450E): **USNM:** 436701, 436703 - Mbololo, mount (0317S 3828E): **CM:** 10706 - Muumandu (0135S 3721E): **HZM:**
 262.12450, 265.12453, 305.17389 - Ndi (0314S 3830E, 2000 m): **ZMB:** 5261, 5270 - Ngangao forest (0322S 3821E):
CM: 102219 - Ruwenzori East: **RMCA:** 937, 938 - Shimba Hills (0414S 3925E): **ZMA:** 20.782, 20.783, 20.784, 20.785
 - Sokoke forest (0318S 4001E): **ZMA:** 20.778, 20.779, 20.780, 20.781 - Taveta, 3 km E (0323S 3742E): **CM:** 102216,
 102217, 102218 - Ukamba [=Kitui] (0122S 3801E, 1160 m): **ZMB:** T10105 - Yala river (0006N 3432E): **NRM:**
 A612759, A612763, A612764, A612772, A612886, A622694, A622707, A622709, A622718, A622744, A622760,
 A622823, A622824, A642711; **RMCA:** 8059, 8060.

Liberia:

Coffee, mount (0634N 1033W): **USNM**: 84499, 84500 (*Type Pipistrellus minusculus*) - Farmington river (0608N 1022W): **RMNH**: 17836 (*Type Vesperugo stampflii*) - Kpeaple (0640N 0830W): **SMF**: 20080, 20081, 20082 - Liberia: **USNM**: 122165 - LTC Camp (0616N 0840W): **RMCA**: 80-036-M-0033 - Monrovia (0620N 1046W): **HZM**: 1.4024, 2.4025, 3.4026, 4.4027 - Paynesville (0617N 1043W): **USNM**: 481731.

Madagascar:

Kinakina: **MNHN**: 1983-754 - Madagascar: **MNHN**: 1918-39.

Malawi:

Kapalasa Farm (1531S 3511E): **DCDH**: 2843, 2844, 2873, 2874, 2999, 3036 - Lengwe National Park (1613S 3446E): **DCDH**: 2347 - Likabula mission (1557S 3524E): **TM**: 41786, 41806, 41807, 41808, 41809, 41810, 41812, 41813 - Luwawa dam (1207S 3344E, 1700m): **DCDH**: 2659 - Nkhota-kota [= Nkhota-Kota, Kota Kota, Kota-Korta] (1256S 3418E): **KM**: 11732, 11737, 11738, 11739, 11741, 11742, 11743, 11744, 11745 - Ntchisi Forest Reserve (1323S 3400E): **DCDH**: 2902, 2907 - Thyolo, mount (1605S 3509E): **DCDH**: 3073, 3074, 3075 - Zomba Plateau (1522S 3519E): **DCDH**: 2864, 2865, 3152 - Zomba Plateau (1525S 3519E): **KM**: 11708, 11709, 11711, 11714, 11717, 11720 - Zomba town (1523S 3519E): **DCDH**: 2137, 2160, 2161, 2162, 2164, 2165, 2166, 2167, 2170, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2213, 2250, 2251, 2483, 2484, 2545, 2679, 2687, 2688, 2866, 2867, 2868, 2869, 2870, 2871, 2872.

Mali:

Timbuktu (1649N 0259W): **ZMUC**: 1477, 1478, 1479, 1480, 1481, 1482, 1483, 1485.

Mozambique:

Changalane [= Estatuane] (2618S 3212E): **NHMZ**: 64007 - Chimonzo (2458S 3317E): **USNM**: 352049, 352050, 352051, 352052, 352053, 352054, 352055 - Furancungo, 30 mi NNW (1433Cb): **TM**: 14699, 14701 - Gorongosa Mountain [= Gorongosa Mountain] (1825S 3400E): **NHMZ**: 64012, 64013, 64016 - Inhambane (2400S 3528E): **BMNH**: 1907.1.1.421 (*Syntype Vespertilio nanus*), 1907.1.4.421 (*Syntype Vespertilio nanus*), 1907.1.4.422 - Vic (*Syntype Vespertilio nanus*), 1907.1.4.422 Duplicate; **NMW**: 19644 (*Syntype Vespertilio nanus*); **ZMB**: 501, 588 - Jongamo (2406S 3519E): **USNM**: 352095 - Manhica (2524S 3248E): **CZL**: 48.01.705, 48.01.712 - Massinga, 2 km N (2320S 3522E): **USNM**: 352090, 352091, 352092, 352094 - Nabaunama River (1537S 3852E): **NHMZ**: 64000 - Tete district (1433Cb): **TM**: 14700, 14702 - Vila de Manica, 10 km N (1850S 3257E): **USNM**: 365392, 365393, 365394, 365395, 365396.

Namibia:

Mbambi (1728S 1828E): **BMNH**: 1935.9.1.111 - Ukualukasi (1732S 1437E, 3400 ft): **BMNH**: 1925.12.4.20 (*Holotype Pipistrellus fouriei*).

Nigeria:

Ibadan (0723N 0356E): **ZMUC**: 2392, 2393 - Ilashe, 4 mi S (0730N 0630E): **USNM**: 402773, 402774 - Kabir (0924N 0934E, 2 500 ft): **BMNH**: 1911.3.24.4 (*Holotype Pipistrellus culex*) - Kano (1200N 0831E): **BMNH**: 1921.2.11.8 - Pategi (0844N 0545E): **AMNH**: 209097 - Sokoto (1302N 0515E): **HZM**: 1.2771, 2.2772, 3.2778 - Tsanchaga (0906N 0609E): **USNM**: 402776 - Zaria (1101N 0744E): **HZM**: 259.12145.

Rwanda:

Butare (0234S 2943E): **KBIN**: 16001, 16003; **RMCA**: 82-006-M-0201 - Gafumba (0230S 2946E): **KBIN**: 15996, 15997, 15998, 15999, 16002; **RMCA**: 87-047-M-0129 - Gisovu (0215S 2920E): **RMCA**: 80-055-M-0001 - Kibuye (0203S 2921E): **RMCA**: 80-055-M-0002, 80-055-M-0003, 80-055-M-0004, 80-055-M-0005, 80-055-M-0007 - Kitabi (0233S 2926E): **RMCA**: 82-006-M-0202 - Mabanza (0203S 2925E): **RMCA**: 80-055-M-0008 - Mugogwe (0230S 2949E): **KBIN**: 16000 - Nyamata (0210S 3006E): **RMCA**: 82-006-M-0203, 82-006-M-0204, 82-006-M-0208, 82-006-M-0209, 82-006-M-0210, 82-006-M-0211, 82-006-M-0212, 82-006-M-0213, 82-006-M-0214, 82-006-M-0215, 82-006-M-0216, 82-006-M-0217, 82-006-M-0218, 82-006-M-0219, 82-006-M-0220, 82-006-M-0221, 82-006-M-0222, 82-006-M-0223, 82-006-M-0224, 82-006-M-0225, 82-006-M-0226, 82-006-M-0227, 82-006-M-0228, 82-006-M-0229, 82-006-M-0230, 82-006-M-0231, 82-006-M-0232, 82-006-M-0233, 82-006-M-0234, 82-006-M-0235, 82-006-M-0243, 82-006-M-0244, 82-006-M-0245, 82-006-M-0246, 82-006-M-0247, 82-006-M-0248, 82-006-M-0249, 82-006-M-0252, 82-006-M-0253, 82-006-M-0254, 82-006-M-0255, 82-006-M-0256, 82-006-M-0257, 82-006-M-0258, 82-006-M-0259, 82-006-M-0260, 82-006-M-0261, 82-006-M-0262, 82-006-M-0263, 82-006-M-0264, 82-006-M-0265, 82-006-M-0266, 82-006-M-0267, 82-006-M-0268, 82-006-M-0269, 82-006-M-0270, 82-006-M-0271, 82-006-M-0272, 82-006-M-0274, 82-006-M-0275, 82-006-M-0277, 82-006-M-0278, 82-006-M-0279, 82-006-M-0280, 82-006-M-0281, 82-006-M-0282, 82-006-M-0283, 82-006-M-0285 - Nyamjumba (0142S 2917E): **RMCA**: 85-006-M-0096 - Nyundo (0141S 2919E): **RMCA**: 80-055-M-0009 - Rubona (0222S 2944E): **KBIN**: 15934A, 15934B, 15934C - Shangi (0224S 2900E): **RMCA**: 85-006-M-0095.

Senegal:

Bafoulabé (1302N 1300W): **MNHN**: 1995-1840, 1995-1841, 1995-1842, 1995-1845 - Ba-Foula-Bé (1302N 1300W): **RMCA**: 78-014-M-0002, 78-014-M-0003 - Bandia (1437N 1702W): **MNHN**: 1995-1839, 1995-1843 - Gamon (1325N 1300W): **USNM**: 379267 - Missirah Saloum (1340N 1632W): **KBIN**: 19913A, 19913B, 19913C, 19913D, 19913E, 19913F, 19922A, 19922B, 19922C - Saboya (1341N 1611W): **MNHN**: 1995-1844.

Sierra Leone:

Bonthe (0732N 1230W): **NMBE**: 1014526a, 1014526b, 1014526c, 1014526d - Yengema (0749N 1201W): **USNM**: 463368, 463369, 463370, 463371, 463372 - Yengewa, 0.5 mi E (0749N 1201W): **USNM**: 463165.

Somalia:

Mogadishu [=Mogadishu =Moqdisho] (0204N 4522E): **ZMB**: T10215.

South Africa:

"Cape of Good Hope" [=syn. "Kaap Goede Hoop"]: **MNHN**: 1985-979, 1985-980, 1985-981 - Anthrax camp (2225S 3112E): **TM**: 36647, 37812, 37866 - Balule Private Nature Reserve, Oliphants River (2403S 3145E): **TM**: 47133, 47134 - Barberton, 14 km NW (2547S 3054E): **CM**: 41056 - Barberton, Municipal Camping Site (254700S 310292E, 762m): **TM**: 44307 - Bobomeni research camp [=Bobomene] (2225S 3112E): **TM**: 41999 - Botha's Hill, Rob Roy Hotel (2945S 3045E): **TM**: 43266, 43267, 43268, 43269 - Burman Bush, North Ridge Road: **DNSM**: 6916 - Chambera Nursery (254211S 305839E, 675m): **TM**: 44308, 44309 - Craigadam (2730S 3121E): **TM**: 31665, 31666, 31667, 31668, 31669, 31670, 31671, 31672, 31673, 31674, 31675, 31676, 31677, 31678, 31679, 31680, 31681, 31682, 31683, 31684, 31685, 31717, 31718, 31719, 31720, 31721, 31722, 31723, 31724, 31725, 31726, 31727 - Culling camp (2225S 3115E): **TM**: 37841, 37842 - De Hoop Private Nature Reserve (2457S 2957E): **TM**: 25342, 25343, 25344, 25345, 25346, 25347, 25348, 25349, 25350, 25351, 25352 - Durban, 21 King George Avenue: **DNSM**: 6883 - Elim hospital (2309S 3003E): **TM**: 39004 - Empisini Nature Reserve (3012S 3048E): **DNSM**: 5373 - Figtree camp (222550S 311150E): **TM**: 36117, 36120, 36709, 38605, 39463 - Figtree forest (2225S 3118E): **TM**: 38604 - Greytown

(290636S 303636E): **DNSM**: 7568 - Hazelmere Dam Nature Reserve (293563S 310189E): **TM**: 44409 - Hluhluwe Game Reserve (2805S 3202E): **NM**: 1408 - Ingwavuma (2708S 3202E): **TM**: 25917 - Ithala [=Itala] Game Reserve (2731S 3121E): **TM**: 31775, 31776, 31777, 31778, 31779 - Ithala Game Reserve [=Itala Nature Reserve] (273336S 301236E): **DNSM**: 5900, 5901 - Jozini Dam, Dam wall (2725S 3204E): **DNSM**: 5367 - Kosi Lake, Department of Health Camp (2657S 3249E): **TM**: 40466 - Lalapanzi Pan (2806S 3218E): **DNSM**: 5405 - Letaba highwater bridge (2340S 3040E): **TM**: 39510 - Letaba Ranch (2335S 3104E): **SMF**: 12010 - Letaba restcamp, 1 km SE (2351S 3134E): **TM**: 39584, 39585 - Levuvhu hippo pool (2226S 3111E): **TM**: 34212, 34219, 34220, 34221, 34222, 34223, 34237, 34238 - Logogotu [=Legogot] (2513S 3115E): **BMNH**: 1906.8.2.36 - Malvern (2930Dd): **TM**: 1084 - Malvern (2953S 3056E): **TM**: 43263, 43264, 43265 - Malvern (2953S 3056E, 800ft): **TM**: 1080, 1081, 1082, 1083 - Malvern, 1 Rindle Road (2953S 3053E): **DNSM**: 7019 - Manguzi village (2700S 3245E): **USNM**: 351378 - Manyeleti Game Reserve, main camp (2438S 3128E): **TM**: 39229, 39230 - Mariepskop (2441S 3054E): **TM**: 12757, 12758, 12759, 12760, 12761, 12762, 12764, 12765, 12766, 12767, 12768, 12769, 12770 - Mid-Illovo (2930Dc): **TM**: 25466 - Mkuzi Game Reserve (2738S 3216E): **DNSM**: 5371 - Mkuzi River (2747S 3212E): **TM**: 35279, 35280, 35281, 35282, 35283, 35284, 35285, 35286, 35287, 35288, 35289, 35290, 35291, 35292, 35293, 35294 - Mockford's Garden (2225S 3118E): **CM**: 93266; **TM**: 30522, 37849, 38523, 38607, 38608, 38609, 38610, 38611, 38612, 39465, 39466, 39467 - Msikaba river mouth (3129Da): **TM**: 10023 - Nelspruit, 4 mi E, 2 mi S (2529S 3059E): **USNM**: 381649, 381650 - Nelspruit, near (2528S 3059E): **TM**: 14040 - New figtree forest (2225S 3118E): **TM**: 37856, 37857, 37907 - Ngome Forest Reserve (275000S 312445E): **TM**: 39136, 39137, 39138, 39199, 39817, 39818, 39819, 39820, 39825, 39826, 39827, 39828 - Ngqeleni district (3140S 2902E): **TM**: 1079 - Nongoma (2731Dc): **TM**: 10000, 10001 - Old picnic site (2225S 3118E): **TM**: 37816, 37817, 37818, 37820, 37822, 37919, 43862, 43863 - Pafuri (2225S 3016E): **TM**: 29854 - Pafuri (2225S 3115E): **TM**: 47143 - Pennington (3023S 3041E): **CM**: 41016, 41017, 41018, 41020, 41021 - Picnic site (2225S 3115E): **TM**: 41731 - Pietermaritzburg (2937S 3023E): **HZM**: 1.1119 - Port St. Johns (3138S 2933E): **TM**: 1074, 1075, 1076 (**Type** *Pipistrellus nanus australis*), 1077, 1078, 12361, 12362, 12363, 12364, 12365, 12366, 12367, 12368, 12369, 12370, 4636 - Renishaw (3016S 3044E): **DNSM**: 7012 - Renishaw (3016S 3045E): **DNSM**: 5365, 5402 - Roodewal private camp, 2 km SE (2408S 3136E): **TM**: 39685 - Satara rest camp (2424S 3146E): **TM**: 30443, 39642, 39643 - Satara, 8 km E, old bridge over Nwanedzi River (2424S 3150E): **TM**: 39621 - Scottburgh (3017S 3045E): **DNSM**: 5404 - Shingwedzi camp (2306S 3127E): **TM**: 38317, 38318, 38319, 38320, 38321, 38322 - Shore Nature Reserve (2732Bc): **TM**: 33370 - Sibaya (2721S 3243E): **TM**: 25979, 25988 - Skukuza (2459S 3135E): **TM**: 13472 - Skukuza staff village (2459S 3135E): **TM**: 42126, 42127, 42129 - St. Lucia Estuary (282207S 322410E): **TM**: 40160 - Staff village (2459S 3135E): **TM**: 42128 - Stainbank Nature Reserve (2955S 3056E): **DNSM**: 5869, 5870, 5871 - TSD Sugar Estate No.3 Section (2526S 3156E): **TM**: 17227, 17228, 17229, 17230, 17231, 17232, 17233, 17234, 17235, 17236, 17237, 17238, 17239, 17240, 17241, 17242, 17243, 17244, 17245, 17246, 17247, 17248, 17249, 17250 - Umbumbulu (2959S 3043E): **TM**: 25465 - Umdoni Park (3024S 3041E): **TM**: 30124, 30134, 30135, 30137, 30141 - Umhlanga Reserve (2943S 3106E): **TM**: 40019 - Umkomaas (ca. 3012S 3048E): **BMNH**: 1917.10.3.10, 1917.10.3.5, 1917.10.3.6 - Umlalazi Nature Reserve (2856S 3146E): **DNSM**: 6378 - Umzigaba River mouth (3129DA): **TM**: 9993 - Vernon Crookes Nature Reserve (3016S 3036E): **DNSM**: 6908 - Vuma farm (2853S 3123E): **DNSM**: 4551, 4552, 4553, 4554, 4555 - Westbrook, 81 Acacia: **DNSM**: 6873.

Sudan:

Amadi (0530N 3020E): **ZMUC**: 2754, 2755, 2756 - Kadugli (1100N 2944E): **SMF**: 33280 - Rheika (1041N 3000E): **SMF**: 33278, 33279 - Torit (0427N 3231E): **FMNH**: 68112, 68113.

Swaziland:

(2607S 3157E): **DNSM**: 5879, 5880 - Luyengo (2635S 3112E): **TM**: 44896 - Maguga (2631Aa): **NMB**: 11560, 11561, 11562, 11563, 11564, 11565, 11569.

Tanzania:

Amani (0510S 3847E, 1000 m): **ZMB**: 20575, 20576, 20577 - Amani (0538Ba): **TM**: 14011 - Amani, 8 km NWN (ca. 0506S 3838E): **FMNH**: 150078 - Bagamoyo (0626S 3855E, 0 m): **ZMB**: 5591 - Bukoba (0121S 3148E): **MHNG**: 740.3a, 740.3c, 740.3d, 740.3e, 740.3f, 740.3g - Chita, 3 km N (0831S 3556E): **FMNH**: 153856, 153857, 153858 - Genda Genda South forest reserve (0534S 3839E): **SMF**: 79574 - Kafukola (0806S 3156E): **HZM**: 3.1888 - Kazimzumbwi forest reserve (0658S 3903E): **SMF**: 79575 - Kisikka: **MHNG**: 740.4a, 740.4b, 740.4c, 740.4d, 740.4e, 740.4f, 740.4g, 740.4h - Korogwe, 12.5 km NW: **FMNH**: 147228, 147230 - Lembeni (0347S 3737E): **ZFMK**: 59.159, 59.160, 59.359 - Magrotto mountains (ca. 0507S 3845E): **ZMB**: 9133, 9134, 9135, 9136, 9137 - Manyara, Lake (0335S 3556E): **SMF**: 70465 - Marienhof (0506S 3829E): **MHNG**: 921.17 - Mazumba Estate (0448S 3829E): **ZMUC**: 4089, 4090, 4091 - Mikumi National Park H.Q. (0722S 3700E): **SMF**: 66953, 70466 - Mnara: **RMCA**: coll:?, coll:10, coll:11, coll:12, coll:13, coll:14, coll:15, coll:18, coll:2, coll:20, coll:21, coll:22, coll:23, coll:24, coll:25, coll:26, coll:27, coll:28, coll:3, coll:30, coll:31, coll:32, coll:35, coll:37, coll:4, coll:41, coll:42, coll:43, coll:44, coll:45, coll:46, coll:47, coll:5, coll:6, coll:7, coll:8, coll:9 - Mojoni [=Muyuni] (0620S 3925E): **ZMB**: 11406, 11407 - Morogoro: **ZMB**: T10408 - Morogoro (0648S 3740E): **USNM**: 219331, 219332 - Moshi (0321S 3720E, 820 m): **ZMB**: 11408 - Musosa (0900S 2900E): **KBIN**: 14532, 14533 - Rondo Flat [forest] (1007S 3914E): **HZM**: 33.2592 - Soga (0652S 3857E): **ZFMK**: 61.108, 61.109, 61.110, 61.111, 61.112, 61.113, 61.114, 61.115, 61.116 - Tatanda (0831S 3130E): **SMF**: 62868, 62869, 62870 - Tong'amba forest reserve (0832S 3900E): **SMF**: 79580 - Zanzibar (0610S 3912E): **MNH**: 1890-212, 1890-213.

The Gambia:

Walikunda (1315N 1639W): **HZM**: 255.8986.

Togo:

Borgou (1046N 0035E): **RMCA**: 73-013-M-0242 - Ezimé (0729N 0056E): **USNM**: 437761, 437762, 437764, 437766, 437767 - Misahöhe [=Missahohé] (0657N 0006E): **ZMB**: 7554, 7555 - Togo: **RMCA**: coll:2985.

Uganda:

Entebbe (0004N 3228E): **ZMB**: T09309, T10377 - Kisoro (0117S 2942E): **SMF**: 49489 - Ruwenzori East: **USNM**: 172925 - Uganda: **SMF**: 41815.

Unknown Country:

: **BMNH**: 1907.1.1.422 (**Syn**type *Vespertilio nanus*) - Kubondo: **ZMB**: T10661 - Ukuguru: **ZMB**: T09303.

Zambia:

Abercorn (0850S 3124E): **HZM**: 44.2632 - Balovale (1333S 2307E): **AMNH**: 115887, 115888 - Choma district (1639S 2701E): **NHMZ**: 11810, 11811 - Choma district (1639S 2710E): **AMNH**: 218968 - Fort Jameson (1338S 3239E): **NHMZ**: 11537 - Kabompo [=Kabompo boma] (1338S 2408E): **NHMZ**: 10000, 10006, 10011, 10012, 10020, 10058, 10105, 10106 - Lusiwashi valley (1302S 3043E): **YPM**: 3680 - Makeni Farm (1528Ac): **NHMZ**: 11698 - Mbesuma

(1001S 3111E): **HZM**: 45.2536, 49.2652 - Mpemba village (1024S 3319E): **AMNH**: 218898, 218899 - Naleza (1527S 2720E): **CAS**: 15109 - Nsombo (1049S 2951E): **SMF**: 12143, 12144.

Zimbabwe:

Chingamwe Estates (1827S 3245E): **DNSM**: 5366 - Chirinda Forest (1914S 3214E): **NHMZ**: 58744, 58745, 58747; **USNM**: 425308, 425309, 425310, 425311, 425312 - Chirinda Forest (2024S 3242E): **TM**: 34607, 34608, 34609, 34629 - Chirinda Pools (2131Bd): **NHMZ**: 58735 - Frogmore (1706S 3059E): **NHMZ**: 58717, 58718, 58719 - Haroni-Lusitu confluence (ca. 20 S 23 E): **NHMZ**: 58726 - Humane Ranch (2031S 3216E): **ROM**: 65108, 65109 - Kudzwe dam (1647S 3231E): **MNHN**: 1990-154, 1990-155, 1990-156 - Kutanga Hippo V. Estates (2131Ba): **NHMZ**: 58729, 58730, 58733, 58755 - Mabalanta Camp (2140S 3145E): **NHMZ**: 55653, 58731 - Melseetter district (1932Dd): **TM**: 7711, 7712 - Pungwe-Ruva confluence (1825S 3247E): **NHMZ**: 58739, 58740, 58741, 58742 - Rusito Forest (2002S 3259E): **TM**: 34769, 34782, 34783, 34788 - Selinda (2032Dd): **TM**: 7714 - Selinda, mount (1848S 3250E): **CM**: 6277 - Selinda, mount (2024S 3243E): **CM**: 6279, 6281, 6287, 6288, 6289, 6290, 6293, 6299 - Selukwe (1940S 3000E): **MNHN**: 1985-1062 - Sengwa Wildlife Research Station (1810S 2813E): **TM**: 34973 - Sentinal Ranch (2210S 2930E): **NHMZ**: 29585, 29588, 29600, 29601, 29602, 29607, 29608, 29609; **TM**: 41618, 41619, 41620, 41622 - Sentinel Ranch (2210S 2930E): **TM**: 41621 - Silinda, mount (2024S 3242E): **TM**: 41044, 7710, 7713, 8589 - Triangle (2105S 3128E): **NHMZ**: 58734 - Vumba (1932Bb): **TM**: 8583, 8585, 8586, 8587.

Pipistrellus permixtus Aellen, 1957

Tanzania:

Dar-es-Salaam (0648S 3918E): **MZStrasbourg**: 12c.

Pipistrellus pipistrellus (Schreber, 1774)

"Africa":

Unknown locality: **BMNH**: 52.a.

Algeria:

Sebdou (3441N 0120W): **HZM**: 132.21854 - Sétif (3613N 0525E): **HZM**: 133.21855 - Ténès (3632N 0118E): **MHNG**: 976.40.

Libya:

Al Bayda, 5 km SW (3218N 2025E): **CM**: 79126, 79127, 79128, 79129, 79130, 79132, 79133, 79135, 79136, 79137 - Baida, 4 km S (3244N 2143E): **CM**: 79123, 79124 - Haniya, 8 km SSE (3246N 2127E): **CM**: 79125 - Kouf Park lodge, 3 km S (3241N 2134E): **CM**: 89633 - Labraq, 5 km SW (3245N 2158E): **USNM**: 325013.

Pipistrellus rueppellii (Fischer, 1829)

Angola:

Kuvangu Mission (1428S 1618E): **MHNG**: 1714.89.

Botswana:

Maun (1959S 2325E): **TM**: 6546 (*Type Pipistrellus vernayi*), 6547 - Maun (2000S 2325E): **AMNH**: 83630; **FMNH**: 38475, 38476, 38477, 38478, 38479, 38480, 38481.

Cameroon:

Waza (1125N 1434E): **RMCA**: coll:1.771, coll:1.782, coll:1.783, coll:1.784, coll:1.785, coll:1.827, coll:1.828, coll:1.829, coll:1.830, coll:1.831, coll:1.832, coll:1.833, coll:1.876, coll:1.877, coll:1.878, coll:1.879, coll:1.880, coll:1.881, coll:1.882, coll:1.883, coll:1.884, coll:1.885.

Congo (Democratic Republic of the):

Jadotville (1058S 2647E): **RMCA**: 27586 - Kawa (0134N 3032E): **RMCA**: 23152 - Moba (0701S 2928E): **RMCA**: 22125 - Mongbwalu (0156N 3003E): **RMCA**: 12247 - Mweka (0445S 2132E): **RMCA**: 11549b - Nepoko river (0140N 2700E): **RMCA**: 18138 - Poko (0308N 2658E): **AMNH**: 49326.

Egypt:

Abu Rawash (3002N 3106E): **FMNH**: 123272, 86885, 89385, 91484 - Ataka Mountains (2955N 3220E): **HZM**: 12.12114 - Cairo (3003N 3115E): **CAS**: 6462 - Egypt: **MNHN**: 1985-1032 - Manzala East (3110N 3156E): **ZMA**: 24.244 - Port Said, 10 mi S (3117N 3218E): **ZMA**: 24.235, 24.236 - Ras Abu el Darag (2933N 3233E): **ZFMK**: 81.254.

Malawi:

Liwonde National Park (1502S 3515E): **BMNH**: 1987.1116; **DCDH**: 2235 - Luwawa dam (1207S 3344E, 1700m): **DCDH**: 2660, 2668, 2674 - Thyolo, mount (1605S 3509E): **DCDH**: 3087 - Trout Ponds (1522S 3519E): **BMNH**: 1987.1119, 1987.1120 - Zomba Plateau (1522S 3519E): **DCDH**: 2512, 2513, 2514, 2519, 2520, 3003, 3004, 3005, 3006 - Zomba town (1523S 3519E): **BMNH**: 1987.1117, 1987.1118; **DCDH**: 2296.

Mauritania:

Garak (1633N 1546W): **USNM**: 401420.

Morocco:

Aoufouss (3140N 0410W): **MHNG**: 1706.28 - Fom Zguid (3004N 0652W): **USNM**: 470693.

Nigeria:

Baga-Kawa (1304N 1348E): **MHNG**: 1717.61 - Malamfatori (1325N 1320E): **USNM**: 580601.

Senegal:

Djoudj national park (1624N 1615W): **MNHN**: 1995-2677 - Richard Toll (1625N 1542W): **MNHN**: 1960-81 (*Type Pipistrellus rüppellii senegalensis*), 1982-1033.

South Africa:

Anthrax camp (2225S 3112E): **TM**: 36609, 37908, 38279 - Augrabies Falls National Park (2835S 2020E): **MMK**: 7047 - Figtree camp (222550S 311150E): **TM**: 36934 - Figtree forest, 4.8 km down stream of bridge (2225S 3115E): **TM**: 36791 - Letaba-Olifants confluence, 2 km E (2359S 3150E): **AMNH**: 257365 - Levuvhu bridge (2225S 3111E): **CM**: 93189; **TM**: 37034 - Levuvhu hippo pool (2226S 3111E): **TM**: 36122 - Natal: **AMNH**: 119498 - Old picnic site (2225S 3118E): **TM**: 37074.

Sudan:

Jebel Aulia (1519N 3231E): **ZFMK**: 156, 157 - Kerma (1933N 3021E): **MHNG**: 1626.22 - Khartoum (1540N 3235E):

SMF: 78115; **USNM:** 164964, 164965, 164966; **ZMA:** 22.194, 22.195, 22.196, 22.197, 22.198, 22.199, 22.200, 22.201, 22.202, 22.203 - Loa (0348N 3158E); **FMNH:** 68114 - Mongalla (0510N 3150E); **HZM:** 4.3699 - Nyibor, lake (0655N 3010E); **AMNH:** 184459, 184464 - Shendi (1641N 3322E); **SMF:** 12385, 4308 (*Lectotype Vespertilio temminckii*) - Torit (0427N 3231E); **AMNH:** 184463 - Wau, 100 mi N; **FMNH:** 81595.

Tanzania:

Bagamoyo (0626S 3855E); **ZMH:** 269? - Capri Point (0231S 3254E); **ZMA:** 22.346, 22.347, 22.348 - Nyamirembe (0232S 3142E); **AMNH:** 179300 - Zanzibar (0610S 3912E); **BMNH:** 1868.12.22.3 (*Type Vesperugo pulcher*).

Tunisia:

Matmata, near (3337N 0954E); **ZFMK:** 91.63.

Uganda:

Bugala island (ca. 00 N 32 E); **SMF:** 16898 - Entebbe (0004N 3228E); **AMNH:** 28603; **RMCA:** 12693, 16293, 16294 - Entebbe, 60 mi [=90 km] W (0004N 3220E, 3 700 ft); **BMNH:** 1906.7.1.5 (*Holotype Pipistrellus fuscipes*) - Mweya (0011S 2954E); **HZM:** 1.3050, 2.3051 - Rhino Camp (0345N 3100E); **FMNH:** 29432 - Victoria Nyanza [=Lake Victoria] (0100S 3300E); **SMF:** 16899.

Zambia:

Balovale (1333S 2307E); **AMNH:** 115831 - Kafue River (1405S 2723E); **NHMZ:** 22679, 22680 - Kapombo Boma (1245S 2416E); **HZM:** 3.3170 - Lochinvar Ranch (1527C); **NHMZ:** 22757 - Lochinvar ranch (1551S 2714E); **CAS:** 15110.

Zimbabwe:

Mashunga Hande Dam (1619S 3026E); **HZM:** 5.6297 - Volunteer farms (1849S 2738E); **NHMZ:** 31995.

Pipistrellus rueppellii rueppellii (Fischer, 1829)

Sudan:

Sennaar; **NMW:** 24574.

Pipistrellus rusticus (Tomes, 1861)

Botswana:

4 rivers camp; **HZM:** 7.8331 - Four Rivers Camp (1903S 2310E); **NHMZ:** 54104, 54106, 54107, 54108, 54109, 54218, 63997, 63998, 63999 - Nokaneng, 15 mi N (1925S 2216E); **USNM:** 425330 - Tamafupi (2116S 2610E); **HZM:** 6.4042.

Burkina Faso:

Ouagadougou (1221N 0132W); **SMF:** 60993, 60994.

Cameroon:

Yagoua (1020N 1514E); **RMCA:** coll:1.417, coll:1.451, coll:1.452.

Central African Republic:

Gounda camp (0919N 2112E); **CM:** 73728, 73729, 73730, 73731, 73732, 73733.

Congo (Democratic Republic of the):

Congo; **RMCA:** 27368 - Mertens farm (1030S 2537E); **RMCA:** 90-006-M-0001.

Ethiopia:

Aware Melca (0908N 3958E); **MZUF:** 6563 - Gambela (0815N 3435E); **SMF:** 44830, 44831; **ZFMK:** 73.24, 73.27, 79.233 - Godare forest (0721N 3513E); **ZMMU:** S-168929, S-168931 - Godjeb valley, middle (0715N 3647E); **ZMMU:** S-166080 - Hirna and Deder, between (ca. 0920N, 4116E); **ZMMU:** S-168936 - Koi area (0639N 3514E); **ZMMU:** S-167224 - Sheko area (0706N 3526E); **ZMMU:** S-167221 - Wahina (1230N 3630E); **FMNH:** 28778.

Madagascar:

Morondava (2019S 4417E); **MNHN:** 1891-704.

Namibia:

Olifants Vlei (1800S 1730E); **BMNH:** 1907.1.1.419 (*Lectotype Scotophilus rusticus*), 1907.1.1.420 (*Paralectotype Scotophilus rusticus*) - Otjozondjupa (1922S, 1907E); **KM:** 1891, 1894.

Senegal:

Bandia (1437N 1702W); **MHNG:** 1131.20 - Richard Toll (1625N 1542W); **MNHN:** 1984-1251 - Saboya (1341N 1611W); **MHNG:** 1131.18.

Somalia:

Giohar (0157N 4450E); **MZUF:** 6328.

South Africa:

Anthrax camp (2225S 3112E); **TM:** 36813, 36814, 36815, 36816, 36817, 36818, 36838, 37809, 37810 - Blyde River Canyon [=Blyderivier, Blyderivierspoort] Nature Reserve, Farm Bourkes Luck 454 [=Bourkes Luck Potholes] (2441S 3050E); **TM:** 39971, 46480 - D'Nyala Provincial Nature Reserve (2245S 2750E); **TM:** 19970 - Farm Ferndale (2538S 2624E); **TM:** 23961 - Farm Greefswald 37 [=Mapungubwe], Shashi-Limpopo confluence (2213S 2922E); **TM:** 40105, 40106, 41407, 41409, 41410 - Farm Greefswald 37MS, Shashi-Limpopo confluence (2213S 2922E); **CM:** 105716, 105717, 105718, 105719, 105720, 105721, 105722, 105723, 105727, 105728, 105729, 105732, 105733, 105734, 105735, 105741, 105742 - Farm Hartebeesthoek (2447S 2745E); **TM:** 39427, 39428, 39429 - Farm Hilda [=V.L.NR.] (2229S 2913E); **TM:** 45374, 45375 - Farm Kaalfontein 261, Ubumanzi Game Farm (2412S 2835E); **TM:** 45050, 45051 - Farm Mooigenoeg 83 (2442S 2620E); **TM:** 23549 - Farm Mooiplaas 94 (2445S 2624E); **TM:** 20455, 20468 - Farm Ohkotso [=Voigt's] (2537S 2837E); **TM:** 34362 - Farm Rhoda 9 (2403S 3106E); **TM:** 24275 - Farm Welgevonden 449 (2332S 2825E); **TM:** 23328 - Figtree camp (222550S 311150E); **TM:** 36119, 36121, 36711, 36712, 36714, 36775, 36776, 36777, 36782, 36790, 36792, 36793, 36794, 36795, 37661, 37847, 38606 - Fountains Valley (2557S 2812E); **TM:** 45134 - Langjan Provincial Nature Reserve (224948S 291200E); **TM:** 41299 - Letaba highwater bridge (2340S 3040E); **TM:** 39509, 39570 - Letaba restcamp, 1 km SE (2351S 3134E); **AMNH:** 257366, 257367, 257368, 257369; **TM:** 39582, 39586 - Levuvhu River (2226S 3111E); **TM:** 36427, 36429, 36441 - Levuvhu Hippo pool (2226S 3111E); **TM:** 30490, 30491, 30492, 30493, 30494, 30495, 30496, 30497, 30498, 30512, 30513, 30514, 30527, 34175, 34190, 34197, 34200, 34218, 34264, 36440 - Levuvhu River (2226S 3111E); **TM:** 36428 - Levuvhu River, opposite Shilawee stream (2226S 3111E); **TM:** 38716 - Limpopo-Levuvhu river confluence (2225S 3111E); **TM:** 36982, 36983 - Logogotu [=Legogot] (2513S 3115E); **BMNH:** 1906.8.2.34, 1906.8.2.37 - Maditobe Witsand Dam (2241S 3102E); **TM:** 39477, 39478, 39479, 39480, 39487 - Maditobepan (2241S 3102E); **CM:** 98557, 98558 - Mahembane (2239S 3101E); **TM:**

30574 - Mahogany Drive (2241S 3101E): **TM**: 29902, 29904, 29905 - Makalali (ca. 2352S 3022E): **TM**: 38262 - Messina Nature Reserve (2223S 3003E): **DNSM**: 5318, 5379, 5389, 5390, 5391, 5394, 5395, 5399, 5407, 5865, 5866, 5867 - Mockford's garden (2225S 3118E): **TM**: 30545, 38613, 38614 - Mosdene Private Nature Reserve (2428Da): **TM**: 19905 - New figtree forest (2225S 3118E): **TM**: 37909, 37910, 37911, 37912 - Nwanetzi, 1 km N (2427S 3158E): **AMNH**: 257370, 257372 - Nylsvlei Nature Reserve (2440S 2843E): **TM**: 25686 - Old picnic site (2225S 3118E): **TM**: 37075, 37076, 37821, 37920, 37925, 37926, 37928, 39501, 39502, 39911, 39912, 39913 - Olifants Rest Camp, 7 km W (2401S 3139E): **TM**: 39594, 39600 - Olifants River (2528Ca): **TM**: 1091 - Pafuri (2225S 3111E): **AMNH**: 257373, 257393 - Pafuri (2225S 3115E): **TM**: 47137, 47144 - Pafuri, Bridge (2225S 3111E): **TM**: 37860, 37861 - Pretoria Zoological Gardens, near (2542S 2810E): **TM**: 46887, 46917 - Punda Milia (2242S 3100E): **TM**: 30584, 30613, 30649, 30650, 30651, 30652, 30653 - Punda Milia Camp (2241S 3102E): **CM**: 69681, 69682, 69683, 69684 - Rissik Private Nature Reserve (2453S 2827E): **TM**: 20648, 20649, 20650, 20651, 20652, 20653, 20654, 20655, 20659 - Roodewal private camp, 2 km SE (2408S 3136E): **TM**: 39682, 39683, 39690 - Satara, 8 km E, old bridge over Nwanedzi River (2424S 3150E): **TM**: 39622 - Shashanga windmill (2240S 3059E): **CM**: 69685, 69686, 69687, 69688, 69689; **TM**: 30674, 30675, 30677, 30687, 30688 - Shoshanguve (2440S 2808E): **TM**: 46650 - Twaing Crater (2440S 2808E): **TM**: 46907 - Twaing Crater, reception area (2440S 2808E): **TM**: 47098 - Waterberg Game Farm, at small man-made ponds within camp (240659S 282317E, 1410m): **TM**: 46398, 46400, 46401, 47093 - Waterberg, Farm Klipfontein 54JS (2408S 2808E): **TM**: 31271, 31274, 39407, 39408, 39409, 39410, 39411, 39412, 39413, 39414, 39512, 39513, 39514, 39515, 39516, 39517, 39518, 39519, 39520, 39521, 39545, 39546, 39547, 39548, 39554, 39555, 39556, 39557, 39558, 39559, 39560, 39561, 39562, 39813, 39814, 39815, 39879, 39880, 39881, 39882, 39883, 39884, 39885, 39886, 39887, 39889, 39890, 39891, 39892, 39894, 39895, 39901, 39903, 39904, 39905, 39906, 39907, 39908, 39935, 39936, 39938, 39939, 39940, 39941, 39942, 39945, 39950, 39951, 39954, 39975, 39976, 39979, 39980, 39981, 39982, 39983, 39986, 39987, 39988, 39989, 39991, 39992, 39993, 39994, 39995, 39996, 40031, 40032, 40033, 40034, 40035, 40036, 40174, 40175, 40176, 40177, 40179, 40181, 40182, 40183, 40184, 40186, 40187, 40188, 40189, 40190, 40191, 40192, 40193, 40194, 40195, 40196, 40229, 40230, 40231, 40232, 40233, 40234, 40235, 40236, 40285, 40286, 40287, 40288, 40289, 40290, 40291, 40292, 40293, 40315, 40316, 40317, 40318, 40319, 40320, 40321, 40322, 40323, 40324, 40325, 40326, 40327, 40328, 40887, 40888, 40889, 40890, 40891, 41330, 41331, 41332, 41333, 41334, 41335, 41336, 41337, 41338, 41339, 41340, 41341, 41342, 41343, 41344, 41345, 41346, 41347, 41348, 41349, 41350, 41351, 41352, 41353, 41354, 41355, 41356, 41357, 41358, 41359, 41360, 41361, 41362, 41363, 41364, 41365, 41366 - Waterberg, Lapalala Wilderness area (2351S 2809E): **TM**: 39791 - WNLA Dam (2427S 3158E): **TM**: 39645, 39646, 39647, 39648, 39649, 39650, 39651, 39652, 39653, 39654, 39655, 39670.

Sudan:

Fula Rapids (1144N 2820E): **FMNH**: 78751 - Jebel Marra, S foothills (1254N 2421E): **BMNH**: 1922.1.1.15 - Kadugli (1100N 2944E): **SMF**: 33282 - S Jebel Marra, foothills (1254N 2421E, 4 000 ft): **BMNH**: 1923.1.1.15 (Type *Pipistrellus marrensis*) - Tadoro (1042N 3001E): **SMF**: 33283 - Torit (0427N 3231E): **FMNH**: 77701, 78484, 78485.

Zambia:

Balovale (1301S 2244E): **KM**: 1900, 1901, 1991 - Balovale (1333S 2307E): **AMNH**: 115905 - Lonchinvar (1515S 2715E): **HZM**: 8.11411 - Lunyuwi river (1319S 2313E): **HZM**: 1.3090 - Manyinga River (3227S 2433E): **HZM**: 2.3283.

Zimbabwe:

Angwa bridge, 7 km SW (1715S 3000E): **MNH**: 1990-931 - Francis Town, 20 km N (2107S 2737E): **NHMZ**: 63995 - Rhodes Matopos national park (2033S 2829E): **NHMZ**: 59652 - Sengwa Wildlife area (1810S 2813E): **NHMZ**: 59651 - Sengwa Wildlife Research Station (1810S 2813E): **TM**: 34887 - Sentinel Ranch (2210S 2930E): **NHMZ**: 9891, 9892, 9893, 9896, 9901 - Sentinel Ranch (2210S 2930E): **HZM**: 3.3284, 5.3286 - Volunteer farms (1849S 2738E): **NHMZ**: 31992.

Plecotus E. Geoffroy St.-Hilaire, 1818

Cape Verde:

Maio island, Vila do Maio (1508N 2313W): **MNH**: 1983-1467.

Plecotus balensis Kruskop & Lavrenchenko, 2000

Ethiopia:

Hareenna Forest (06 45 N 39 44 E, 2760 m): **ZMMU**: S-164904.

Plecotus christii Gray, 1838

Egypt:

El Tur (2814N 3337E): **ZMB**: 75679 - Originally North Africa, but restricted to southern Egypt: **BMNH**: GMCM66a (Type *Plecotus christii*).

Plecotus teneriffae Barrett-Hamilton, 1907

Algeria:

Annaba (3655N 0745E): **UANK**: 12334/33, 12335/5 - Oumash (3441N 0541E): **BMNH**: 1912.11.14.3.

Canary Islands [Spain]:

Orotava (2846N 1745W): **BMNH**: 1887.4.18.1 (Type *Plecotus teneriffae*).

Libya:

Beida (3241N 2133E): **NMW**: 30132, 30133, 30134, 30135, 30136, 30137, 30138, 30143, 30144, 30145, 30146, 30147, 30148 - Quasr Shadane (3236N 2134E): **NMW**: 30139, 30140, 30141, 30142 - Wadi al Kuf [= Jabal Akhdar Mts] (3242N 2135E, 330m): **NMP**: 49905 (Paratype *Plecotus teneriffae gaisleri*), 49906 (Paratype *Plecotus teneriffae gaisleri*), 49907 (Paratype *Plecotus teneriffae gaisleri*), 49908 (Paratype *Plecotus teneriffae gaisleri*), 49909 (Paratype *Plecotus teneriffae gaisleri*), 49910 (Paratype *Plecotus teneriffae gaisleri*), 49911 (Holotype *Plecotus teneriffae gaisleri*).

Malta:

Malta: **BMNH**: 1854.7.13.1.

Morocco:

Figuig (3207N 0113W): **BMNH**: 1963.1591 - Kef-el-Rhar, cave [=Grotte de Kef-el-Rhar] (3530N 0415W): **NMW**: 27934 - Ksar-es-Souk (3201N 0346W): **NMW**: 27935, 27936, 27937, 27938, 27939, 27940, 27941, 27942, 27943, 27944 - Lead mine [=Mine de Plomb] (3405N 0407W): **NMW**: 27933.

Tunisia:

Douirat (3257N 1015E): **BMNH**: 1891.10.15.2, 1891.10.15.3, 1891.10.15.4, 1891.10.15.5, un.reg.

Scotoecus albigula Thomas, 1909

Angola:

Lac Calundo: **BMNH**: 1963.1042.

Scotoecus albofuscus (Thomas, 1890)

Malawi:

Chiromo (1632S 3509E, 200 ft): **BMNH**: 1917.2.1.1.

South Africa:

St. Lucia (2816S 3229E): **DNSM**: 4885 - Yellowwood Park (ca. 2954S 3055E): **DNSM**: 6931.

The Gambia:

Bathurst [=Banjul] (1328N 1639W): **BMNH**: 1889.12.12.2 (*Holotype Scotoophilus albofuscus*).

Scotoecus hindei Thomas, 1901

Kenya:

Kitui (0122S 3801E, 3 500 ft): **BMNH**: 1901.2.5.1.

Malawi:

Likabula mission (1557S 3524E): **TM**: 41785, 41803, 41804, 41811.

Nigeria:

Kabwir: **BMNH**: 1915.10.8.1 (*Holotype Scotoecus falabæ*).

Scotoecus hirundo (de Winton, 1899)

Ghana:

Gambaga (1032N 0026W): **BMNH**: 1899.6.15.8.

Scotoophilus Leach, 1821

Botswana:

Kwai Mababe Flats (1922S 2407E): **TM**: 6544.

Kenya:

Mombas [=Mombassa] (0403S 3940E): **ZMB**: 5075.

Mozambique:

Beira (1933S 3442E): **TM**: 1092 - Mague (1552S 3137E): **TM**: 14704.

Namibia:

Ondongwa (3378 ft): **BMNH**: CN1143, CN1148.

South Africa:

5 km N Potgietersrus (2408S 2900E): **TM**: 43224, 43225 - Albany district (ca. 2715S 2658E): **SAMC**: 388, 389 - Anthrax camp (222530S 311230E): **TM**: 36643, 36644, 36645, 36646, 36809, 36810, 36835, 36836, 36847, 36848, 36850, 36851, 36910, 36911, 36912, 36913, 36915, 36916, 36917, 36918, 36958, 36959 - Brooklyn (2545S 2814E): **TM**: 43199 - Culling Camp (2225S 3111E): **TM**: 37824, 37825, 37826, 37827, 37828, 37934 - Dankbaar (2525S 2036E): **MMK**: HW-137 - Erfplaas Windmill (2357S 3107E): **TM**: 36569 - Fig Tree Camp (222530S 311130E): **TM**: 38144 - Fig Tree Camp (2225S 3111E): **TM**: 36552, 36553, 36554, 36555, 36556, 36606, 36715, 36717, 36718, 36722, 36726, 36748, 36749, 36750, 36751, 36752, 36753, 36754, 36755, 36756, 36757, 36865, 36939, 36940, 36941, 36942, 36945, 37008, 37009, 37010, 37011, 37012, 37673 - Fig Tree camp (2226S 3111E): **TM**: 36108, 36109, 36110 - Fig Tree Camp, left hand bank (2225S 3115E): **TM**: 37670, 37671, 37672, 37674, 37675 - Fig Tree Forest (222530S 311130E): **TM**: 38141, 38142, 38143 - Figtree camp (222530S 311130E): **TM**: 38165, 38166 - Figtree Forest (2225S 3112E): **TM**: 37689, 37690, 38140 - Figtree Forest, downstream (2225S 3115E): **TM**: 37453, 37454 - Hathaway (2947S 3046E): **DNSM**: 2464 - Jane Furse Hospital (2552S 2923E): **TM**: 13206 - Levuvhu bridge (2225S 3111E): **TM**: 37030 - Levuvhu Hippo Pool (2226S 3111E): **TM**: 34167, 34170 - Levuvhu River (2226S 3111E): **TM**: 36432, 36460, 36461, 36464, 36467, 36468, 36472 - Louw's Creek (2539S 3118E): **TM**: 43198 - Manxeba windmill [=waterhole] (2224S 3114E): **TM**: 37135, 37136, 37137, 37138, 37139, 37140, 37141, 37142, 37143, 37144, 37145, 37146, 37213, 37214, 37215, 37216, 37217, 37218, 37219, 37220, 37221, 37222, 37455, 37456, 37457, 37458, 37459, 37460, 37461, 37462, 37700, 37701, 37731, 37732, 37733, 37734, 37735, 37736, 37737, 37738, 37739, 38124, 38125, 38126, 38127, 38128, 38129, 38130, 38162 - New Figtree camp (2225S 3111E): **TM**: 37853, 37899, 37900, 37903 - Old Culling camp (2225S 3115E): **TM**: 37714 - Old Picnic Site (222530S 3118E): **TM**: 36628, 37038, 37915, 38149 - Onderstepoort (2537S 2812E): **TM**: 11782 - Pafuri (2225S 3115E): **TM**: 29970 - Pretoria (2543S 2809E): **TM**: 12223 - Roodevaal Private Camp, 2 km SE (2408S 3136E): **TM**: 39678 - Skukuza, 1.5 km NW, Dense woodland upper reaches of Western Water Reservoir (2459S 3135E): **TM**: 39757 - St. Lucia Village (2822S 3225E): **TM**: 40083.

Tanzania:

Zanzibar (0610S 3912E): **ZMB**: 3266, T10637.

Unknown Country:

: **NHMZ**: 20218, 20220, 22628, 22854, 22855, 22857, 54149, 54150, 54153, 54154, 54156, 54157, 54158, 54159, 54160, 59119, 59259, 59260, 59261, 59262, 59264, 59265, 59266, 59267, 59268, 59273, 61976, 63217, 64172,

64177, 64178, 64180, 64181, 64182, 64183, 64184, 64185, 64191, 64192, 64193, 64200.

Zimbabwe:

: **NHMZ:** 54148 - Rusito Forest (2002S 3259E); **NHMZ:** 30057 - Sengwa Wildlife Research Station (1810S 2813E);
TM: 34895, 34900, 34901.

Scotophilus borbonicus (E. Geoffroy St.-Hilaire, 1803)

Madagascar:

Madagascar: **MNHN:** 1912-48, 1976-420 - Mahabo [62 locs]; **MNHN:** 1984-433.

Reunion:

Réunion: **RMNH:** 28508.

Unknown Country:

: **MNHN:** 1976.420.

Scotophilus dinganii (A. Smith, 1833)

Angola:

Alto Chicapa (1053S 1914E): **BMNH:** 1963.1037 - Dundo Lundo (0722S 2050E): **BMNH:** 1963.1036, 1967.1248;
FMNH: 66525 - Huila (1504S 1332E); **FMNH:** 83606 - Otjipomenima (1641S 1455E); **RMNH:** 28012.

Botswana:

Francistown (2111S 2752E): **ZFMK:** 65537, 65539, 65638 - Lethlakeng (2405S 2503E): **USNM:** 382674, 382675,
 382676, 382677 - Lethlakeng, 11 mi SE (2413S 2510E): **USNM:** 382658, 382659, 382660, 382661, 382662, 382663,
 382664, 382665, 382666, 382667, 382668, 382669, 382670, 382671, 382672, 382673.

Burundi:

Bujumbura (0324S 2908E): **KBIN:** 19915a, 19915b; **RMCA:** 35156 - Nyanza, territory (0420S 2935E): **RMCA:** (V3)
 443.

Congo:

Brazzaville (0415S 1516E): **MNHN:** 140, 151, 158, 177; **ZMA:** 15.689, 15.690, 15.691, 15.692, 15.693, 15.694,
 15.695, 15.696, 15.697, 15.698, 15.699, 15.700 - Pointe Noire (0423S 1155E): **ZMA:** 15.658, 15.659, 15.660, 15.661,
 15.662, 15.663, 15.664, 15.665, 15.676, 15.677, 15.678, 15.679, 15.680, 15.681, 15.682, 15.683, 15.684, 15.685,
 15.686, 15.687.

Congo (Democratic Republic of the):

Albert Park (0200N 3000E): **KBIN:** PNA 1362, PNA 1623, PNA 1807, PNA 1957, PNA 415 - Albert, lake (0130N
 3100E): **BMNH:** 1907.6.14.11, 1907.6.14.12 - Banana (0558S 1227E): **RMCA:** 21374; **SMF:** 2515; **ZMA:** 9.008 - Beno
 (0342S 1746E): **RMCA:** 19832 - Boma (0550S 1303E): **RMCA:** 26321, 26322 - Elisabethville [=Lubumbashi] (1140S
 2728E): **KBIN:** 14454; **RMCA:** 12149, 12150, 16233, 23819, 23898, 35302, 9179 - Funda Biabo (0950S 2532E):
RMCA: 16232 - Gangala-na-Bodio (0340N 2909E): **KBIN:** 8126 - Haute Congo: **RMNH:** 28010 - Kabalo (0602S
 2655E): **RMCA:** 16249 - Kakontwe, cave (1059S 2638E): **RMCA:** 31217 - Kalenda Kasai (0703S 2330E): **KBIN:** 7792
 - Kamponde (0642S 2256E): **RMCA:** 33383, 33384, 33385, 33386, 33387, 33388 - Kikwit (0513S 1849E): **MSB:** ZaAn
 1158, ZaAn 2697, ZaAn 2699, ZaAn 2701; **RMCA:** 97-021-M-0840, 97-021-M-0847, 97-021-M-0848 - Kinzambi
 mission (0458S 1846E): **MSB:** ZaAn 2123, ZaAn 2176, ZaAn 2392, ZaAn 2520; **RMCA:** 97-021-M-0843, 97-021-M-
 0844, 97-021-M-0845, 97-021-M-0846 - Kipopo (1134S 2721E): **RMCA:** 26323, 26324, 26326 - Kipushi (1146S
 2715E): **RMCA:** 22458 - Kisantu (0508S 1509E): **RMCA:** 6564 - Loshu (0008S 2935E): **RMCA:** 37380 - Lovanium
 university (0418S 1518E): **RMCA:** 32625, 32626, 32628, 32629 - Lubumbashi (1140S 2728E): **KBIN:** 18512a,
 18512b, 18512c, 18512d - Luluabourg [=Kananga] (0553S 2226E): **RMCA:** 32669, 32670, 32671, 32769, 32770,
 32771, 32772, 33310, 33311, 33312, 33313, 33314, 33315, 33316, 33317, 33318, 33319, 33595, 35287, 7110, 7111,
 7112 - Mbalaka (0503S 1850E): **MSB:** ZaAn 1994, ZaAn 2058; **RMCA:** 97-021-M-0841, 97-021-M-0842 - Mbwambala
 (0503S 1854E): **RMCA:** 97-021-M-0839 - Paulis [=Isiro] (0245N 2741E): **RMCA:** 17931 - Rutshuru (0111S 2927E):
RMCA: 14065 - Uvira (0322S 2906E): **RMCA:** 22757, 27220 - Vitshumbi (0041S 2923E): **KBIN:** 4772.

Djibouti:

Obock (1159N 4318E): **MNHN:** 1895-457.

Eritrea:

Bogos (1546N 3830E): **RMNH:** 28008.

Ethiopia:

Abyssinia: **BMNH:** 1873.4.16.23 - Arba Minch (0602N 3736E): **SMF:** 45007 - Bilo (0853N 3700E): **BMNH:** 1900.3.3.3 -
 Dangila (1117N 3655E): **BMNH:** 1928.1.11.26, 1928.1.11.27, 1928.1.11.28, 1937.2.24.14, 1937.2.24.15, 1937.2.24.16
 - Dire Daoua [=Dire Dawa] (0932N 4153E): **RMCA:** 13740, 13741 - Dobleh (0700N 4500E): **BMNH:** 1899.2.11.2 -
 Gambela (0815N 3435E): **ZFMK:** 73157, 73158 - Gondar (1237N 3727E): **BMNH:** 1960.142 - Harar (0918N 4208E):
BMNH: 1902.9.9.8 - Harrar [=Harar] (0918N 4208E): **BMNH:** 1902.9.9.9 - Haza Boran: **BMNH:** 1909.6.1.10 - Wadere
 (0659N 4520E): **BMNH:** 1954.1017 - Yavello, 25 km N (0503N 3812E): **BMNH:** 1971.2456.

Ghana:

Accra (0533N 0013W): **ZMB:** 3593, 3653 - Achimota (0537N 0014W): **ROM:** 55097, 55114, 55126, 55187, 55188,
 55189, 55190 - Côte d'Or: **RMNH:** 28009a, 28009b - Legon [Botanical Garden] (0539N 0011W): **USNM:** 412145,
 412146, 412147, 412150, 412151, 412152, 412153, 412155, 412156, 412157, 412158, 429522, 429523, 429525,
 429526, 429527, 429528 - Teshi (0535N 0006W): **USNM:** 412143.

Kenya:

Baringo, 30 mi NW (0030N 3550E): **BMNH:** 1913.10.18.14 - Ewaso Ng'iro (0035N 3732E): **BMNH:** 1912.7.1.12,
 1912.7.1.13, 1912.7.1.14 - Fort Hall (0042S 3470E, 4 000 ft): **BMNH:** 1902.7.6.11 (*Holotype Scotophilus nigrita colias*)
 - Fort Hall (0042S 3740E): **ROM:** 66030 - Fort Hall (0042S 3740E, 4000 ft): **BMNH:** 1902.7.6.12 - Garsen, 8.5 km N
 (0216S 4007E): **ROM:** 71293, 71298 - Gilgil river (0029S 3619E): **BMNH:** 1900.6.21.2 - Kabete (0117S 3650E): **SMF:**
 25842, 25843, 25844, 25845, 25846, 25847, 25848, 25849, 25850, 25851 - Kampi ya Samaki (0038N 3617E): **ROM:**
 68592, 68601, 68602, 68603 - Karen (0120S 3644E): **BMNH:** 1975.2612, 1975.2613, 1975.2614 - Kiambu, 4 mi NW
 (0110S 3650E): **ROM:** 68173 - Kilifi (0338S 3951E): **BMNH:** 1975.2609, 1975.2610 - Kitui (0122S 3801E, 3 500 ft):
ZMB: 5263 - Kongelai (0128N 3502E): **ROM:** 38282 - Konza (0145S 3707E): **RMNH:** 28667 - Kwale (0410S 3927E):
RMNH: 27160, 27161, 27162, 27163, 27164, 27165, 27166, 27168, 27171, 27175, 27176, 27178; **ZMA:** 20.805,

20.806 - Makindu (0217S 3749E): **ROM**: 65881, 65882 - Malindi, 30 mi N (0246S 4008E): **BMNH**: 1975.2615, 1975.2617, 1975.2618, 1975.2619 - Maungu (0334S 3846E): **ROM**: 68510 - Mtito Andei (0240S 3810E): **ROM**: 48601 - Nairobi (0117S 3652E): **ROM**: 28168, 38281, 68467, 68482, 68483, 68564; **SMF**: 19410, 19411, 19861 - Nyangala hill (0337S 3844E): **ROM**: 71229, 71230 - Ortum (0126N 3521E): **ROM**: 65856 - Saiwa river (0116N 3507E): **ROM**: 65857, 65858, 65936 - Sarmai (0146N 3528E): **ROM**: 40287 - Shimba Hills (0414S 3925E): **RMNH**: 28645, 28660, 28661, 28662, 28663; **ROM**: 59198, 59199, 59201 - Sigor (0128N 3528E): **ROM**: 38381 - Sokoke forest (0318S 4001E): **ZMA**: 20.802 - Swan river (0146N 3507E): **ROM**: 38307 - Tiwi Beach (0415S 3934E): **ZMA**: 20.803, 20.804 - Turkwell river (0240N 3521E): **ROM**: 40288 - Wei Wei river (0128N 3531E): **BMNH**: 1975.2616.

Malawi:

Chiromo (1632S 3509E): **BMNH**: 1922.12.17.62, 1922.12.17.63, 1922.12.17.65, 1922.12.17.66 - Ncheu [=Ntcheu] (1448S 3439E): **TM**: 9169, 9171.

Mozambique:

Beira (1933S 3437E): **TM**: 41051, 41052, 41053, 41054 - Coguno (2423S 3432E): **BMNH**: 1906.11.8.14, 1906.11.8.16 - Maputo (2549S 3244E): **TM**: 1095 - Tambarara (1838S 3400E): **BMNH**: 1908.1.1.27, 1908.1.1.28, 1908.1.1.29, 1908.1.1.30, 1908.1.1.31, 1908.1.1.32 - Tete (1610S 3335E): **BMNH**: 1908.4.3.25; **BZM**: 527 - Tette [=Tete] (1610S 3335E, 230 m): **ZMB**: 527.

Namibia:

Great Ombathu (1746S 1343E): **BMNH**: 1928.9.11.38 - Kano valley (1914S 1920E): **BMNH**: 1935.9.1.69 - Karakuwisa (1857S 1843E): **BMNH**: 1935.9.1.64 - Karibib (2156S 1550E): **ZFMK**: 67137, 67138, 67140, 67141 - New Dam (2234S 1706E): **TM**: 38455 - Nuitsas (1915S 1835E): **BMNH**: 1935.9.1.65, 1935.9.1.67 - Okahandja (2159S 1658E): **SMF**: 23773; **ZFMK**: 59409 - Okavango-Omataka junction (1756S 2029E): **BMNH**: 1935.9.1.60 - Olifant's Vlei [=Elephant Vlei / Vley] (1730S 1800E): **BMNH**: 1907.1.1.449 (*Holotype Scotophilus nigrata herero*) - Ssanukanu (1806S 2023E): **BMNH**: 1935.9.1.61, 1935.9.1.62 - Windhoek (2234S 1706E): **SMF**: 26192; **ZFMK**: 61412, 61413, 71.1.

Nigeria:

Agege (0638N 0319E): **ZMA**: 18.371, 19.026, 19.027, 19.028, 19.029 - Darazo (1100N 1025E): **ZMA**: 14.343 - Ibadan (0723N 0356E): **BMNH**: 1962.249, 1962.250; **ZMA**: 18.461, 18.462, 18.463, 18.464, 18.465 - Jos (0955N 0852E): **ZMA**: 18.369 - Pandam (0915N 0750E): **ZMA**: 18.370.

Sierra Leone:

Bonthe (0732N 1230W): **BMNH**: 1950.1907; **ROM**: 50.1907 - Sierra Leone: **ZFMK**: 79625.

Somalia:

Burao (0931N 4533E): **BMNH**: 1934.9.14.4 - Mogadishu [=Mogadishu =Moqdisho] (0204N 4522E): **ZMB**: T10216.

South Africa:

: **SAMC**: 34214 - (2445S 3125E): **TM**: 17294 - Anthrax camp (222530S 311230E): **TM**: 36811, 36833, 36834, 36837, 36904, 36905, 36906, 36914, 37267, 38289 - Baviaanspoort Sewage Works (254125S 282147E): **TM**: 43645, 43646 - Brooklyn (2543S 2811E): **TM**: 2952 - Brooklyn (2545S 2814E): **TM**: 15180, 16405, 2886 - Bube pan (2747S 3212E): **TM**: 35315, 35316, 35317 - Buffelsdraai (2507S 2740E): **TM**: 1929 - Burgers Park (2543S 2811E): **TM**: 13305 - Charter's Creek (2812S 3225E): **TM**: 40434 - Chase Valley (2936S 3023E): **TM**: 25461 - Cullinan (2540S 2831E): **TM**: 25410 - Culling camp (222540S 311515E): **TM**: 36704 - Daspoort (2543S 2810E): **TM**: 8724 - Dlinza Forest (2853.99S 3127.7E): **DNSM**: 5338 - Doornkraai Dam Nature Reserve (2416S 2843E): **TM**: 44064 - Doornkraal Camp Site (2731S 3122E): **DNSM**: 6000, 6001 - Durban North, 8 Portland Crescent: **DNSM**: 3971 - Empisini Nature Reserve (3012S 3048E): **DNSM**: 5081, 5082 - Entabeni State Forest (2300S 3016E): **TM**: 41665 - Erplaas windmill (2352S 3107E): **TM**: 36562, 36564, 36570, 36571 - Escombe (2952S 3054E): **DNSM**: 3675 - Eshowe (2853S 3128E): **TM**: 7379 - Eshowe, 4 Leigh Road: **DNSM**: 5075 - Farm Ferndale (2538S 2624E): **TM**: 23283, 23286, 23413, 23414, 23415 - Farm Hartebeesthoek (2447S 2745E): **TM**: 39433 - Farm Lilliput 246 (2227S 2954E): **DNSM**: 5874 - Farm Mokeetsi 376 (2340S 3005E): **TM**: 2870, 2873, 2929, 3034 - Farm Mooigenoeg 83 (2442S 2620E): **TM**: 23546, 23547 - Farm Mooiplaas 94 (2445S 2624E): **TM**: 20467 - Farm Nicorel 343 (2316S 2837E): **TM**: 23339 - Farm Rietfontein, pt 16: **TM**: 45117 - Farm Rietgat, plot 102 (2543S 2811E): **TM**: 25408 - Farm Welgevonden 449 (2332S 2825E): **TM**: 23326 - Fig Tree Camp (2225S 3111E): **TM**: 36549, 36550, 36551, 36602, 36603, 36604, 36605, 36616, 36716, 36719, 36721, 36723, 36724, 36870, 36871, 36927, 36928, 36943, 36944, 36999, 37013, 37272, 37273, 37274, 37275, 37276, 37655, 37656, 37747, 37748 - Fig Tree camp (2226S 3111E): **TM**: 36107 - Figtree camp (2225S 3111E): **TM**: 37750 - Figtree Forest (2225S 3112E): **TM**: 37668, 37669, 37691, 37855 - Figtree Forest, downstream (2225S 3115E): **TM**: 37440, 37441, 37442, 37443, 37444, 37445, 37446, 37447, 37448, 37449 - Gezantombi waterhole (2520S 3152E): **TM**: 34540, 34541, 34542, 34543, 34544 - Godeni, E (2805S 3204E): **TM**: 40340 - Griffin mine (2359S 3031E): **TM**: 1485 - Gwalali Army Camp (2225S 3117E): **TM**: 36977 - Hans Merensky Nature Reserve (2340S 3041E): **TM**: 24554 - Hatfield (2545S 2815E): **TM**: 13118, 13120, 13121 - Inanda Dam (2941S 3056E): **DNSM**: 5776, 5777, 5778 - Irene (2552S 2814E): **TM**: 12799 - Jan Smit Steel Works, near: **NMB**: 5244 - King Williamstown (3225S 2724E): **BMNH**: 1925.7.9.1 - Klein Letaba (2321S 3040E): **BMNH**: 1905.12.9.5, 1905.12.9.6, 1905.12.9.7, 1905.12.9.8 - Kranskloof Nature Reserve (2947S 3048E): **TM**: 40018 - Kranskloof Nature Reserve, Picnic site: **DNSM**: 5875 - Krokodil river (2430S 2715E): **RMNH**: 27434 - La Montagne, 280 Rotsvygie Street: **TM**: 45121 - Ladyselborne (2542S 2808E): **TM**: 4767 - Letaba Camp, 1 km SE (2351S 3134E): **TM**: 39581 - Letaba Rest Camp, 8 km SE (2354S 3134E): **TM**: 39613 - Levuhu hippo pool (2226S 3111E): **TM**: 30548 - Levuhu bridge (2225S 3111E): **TM**: 37027, 37028, 37029, 37031 - Levuhu Hippo Pool (2226S 3111E): **TM**: 34232, 34233, 34244, 34245, 34246, 34247, 34248, 34249, 34250 - Levuhu Hippopool (2226S 3111E): **TM**: 30448, 30487, 30507, 30508, 30509, 30547, 30549, 30550 - Levuhu River (2226S 3111E): **TM**: 36433, 36434, 36435, 36462, 36463, 36465, 36466, 36469, 36470, 36471 - Lister Point (2801S 3221E): **DNSM**: 2266 - Loskop Dam Nature Reserve (2525S 2920E): **TM**: 40926 - Loskop Windmill, 17 km N (2458S 3155E): **TM**: 39704, 39705 - Louw's Creek (2539S 3118E): **TM**: 2477, 2478 - Lynnwood Glen, Delaware Street (2544S 2811E): **TM**: 45124 - Mahembane (2239S 3102E): **TM**: 30572, 30573 - Malelane (2527S 3130E): **TM**: 30017 - Malvern (2953S 3056E): **TM**: 1094 - Manditobe Dam (2241S 3102E): **TM**: 37285, 37286, 37287, 37288, 37289, 37290 - Manxeba windmill [=waterhole] (2224S 3114E): **TM**: 37133, 37134, 37147, 37212, 37233, 37704, 37740, 37741, 37742, 37743 - Manyeleti Game Reserve, Main Camp (2438S 3128E): **TM**: 40284 - Mashikiri windmill (2235S 3111E): **TM**: 36797, 36798, 36799, 36800, 36889, 36890, 36891, 36892, 36984, 36985 - Messina Nature Reserve (2224S 3005E): **TM**: 44205 - Mission Rocks Outpost (2816S 3229E): **TM**: 41049 - Mkuzi Game Reserve (2738S 3216E): **TM**: 35327 - Mkuzi River (2737S 3207E): **TM**: 5567, 5568, 5569, 5570 - Mkuzi River (2747S 3212E): **TM**: 35352 - Mmabolela Estates (2241S 2815E): **TM**: 19720 - Mockford Garden (2225S 3118E): **TM**: 36557, 38280, 38281 - Mooivlei (2349S 2658E): **TM**: 2055, 2056 - Mosdene Nature Reserve (2436S 2846E): **TM**: 19906 - Mosely: **DNSM**: 38 - Mountain View (2542S 2809E): **TM**: 45133 - Msinga pan (2747S 3212E): **TM**: 35328 - Navors Suburb, Residence

(2544S 2816E): **TM**: 19583 - New Figtree camp (2225S 3111E): **TM**: 37854, 37898, 37901, 37902 - New Muckleneuk (2543S 2811E): **TM**: 25691, 38988 - Ngoye hills (2849S 3139E): **BMNH**: 1905.3.7.3 - Nhlonhela pan (274648S 321200E): **TM**: 35275 - Nwanedzi Camp, dam 1 km NWN (2427S 3158E): **TM**: 39640, 39641, 39669 - Nylsvlei Provincial Nature Reserve (2429S 2842E): **TM**: 41424 - old bridge over Nwanedzi River (2424S 3150E): **TM**: 39624, 39625, 39626, 39627 - Old Culling camp (2225S 3115E): **TM**: 37204, 37651, 37713 - Old Picnic Site (222530S 3118E): **TM**: 36487, 36488, 36537, 36625, 36626, 36627, 37069, 37082, 37148, 37813, 37814, 37815, 37914, 37916, 37917, 37918, 38150, 38151, 39503, 39504, 39505 - Olifants Camp, 7 km W (2401S 3139E): **TM**: 39598, 39599 - Onderstepoort (2537S 2812E): **TM**: 13726 - Oribi Gorge Nature Reserve (3043S 3016E): **TM**: 41050 - Oribi Gorge Nature Reserve, Huttled camp (3043S 3016E): **TM**: 34345 - Pafuri (2225S 3016E): **TM**: 37749, 37751, 37752, 37753, 37754, 37755, 37756, 37757, 37758, 37759, 37760, 37761, 37762, 37763, 37764, 37765, 37766 - Pafuri (2225S 3115E): **TM**: 38287, 38288, 46427, 46428, 46429, 46431, 46432 - Park Rynie: **DNSM**: 2001 - Percy Fyfe Nature Reserve (2402S 2909E): **TM**: 44211 - Pietermaritzburg (2936S 3023E): **TM**: 40111 - Pietermaritzburg (2937S 3022E): **TM**: 42505 - Pietermaritzburg (2937S 3023E): **SMF**: 55036 - Pietersburg (2354S 2928E): **TM**: 2871, 2872 - Port St. Johns (3138S 2933E): **SAMC**: 6858 - Pretoria (2537S 2807E): **TM**: 6875, 7784 - Pretoria (2543S 2811E): **TM**: 1494, 1520, 6256, 6835, 7380 - Pretoria hospital (2544S 2811E): **TM**: 3949 - Pretoria North (2540S 2810E): **TM**: 2885 - Pretoria Zoo (2544S 2811E): **TM**: 1096, 25411 - Punda Milia Camp (2241S 3102E): **TM**: 30588, 30589, 30590, 30591, 30592, 30593, 30594, 30595, 30596, 30597, 30633, 30634, 30635, 30644, 30645, 30646, 30647, 30657, 30658, 30659, 30660, 30661, 30662, 30663 - Queen Elizabeth Park (2933S 3019E): **TM**: 40276 - Remnant of portion of 34, portion of 25 Hartebeesfontein 473 JQ [=Fourwinds farm] (254948S 274012E): **TM**: 46908 - Renosterkoppies, 15 km S (2508S 3137E): **TM**: 39720, 39721, 39722, 39723 - Republic of South Africa: **BMNH**: 1849.8.16.26 - Rissik Private Nature Reserve (2453S 2827E): **TM**: 20690 - Roodevaal Private Camp, 2 km SE (2408S 3136E): **TM**: 39675, 39676 - Sabie River, north bank (2458S 3140E): **TM**: 39698, 39699, 39738, 39739, 39740 - Sanbonani: **DNSM**: 5336 - Sanbonani, confluence of Sabie & White Sands rivers (250154S 310931E): **DNSM**: 5528 - Satara Rest Camp (2424S 3146E): **TM**: 39631, 39632 - Shashanga windmill (2240S 3059E): **TM**: 30668, 30669, 30670, 30671 - Sinoville (2543S 2811E): **TM**: 41431 - Skukuza (2459S 3135E): **TM**: 30069 - Skukuza, 1.5 km NW, Dense woodland upper reaches of Western Water Reservoir (2459S 3135E): **TM**: 39758, 39759 - Soutpansberg (2303S 2954E): **TM**: 2928 - Stainbank Nature Reserve (2954S 3056E): **DNSM**: 3680 - Stangene Dam (2248S 3117E): **TM**: 30562 - Sunnyside (2544S 2811E): **TM**: 12800, 15510 - Sunnyside, 34 Palmcourt South (2544S 2811E): **TM**: 45120 - Sunnyside, DeKock Street (2544S 2811E): **TM**: 45122 - Ten Bosch Estates (2520S 3150E): **TM**: 24872 - Tshalungwa Fountain (2233S 3104E): **TM**: 36766, 36767, 36768, 36769, 36770, 36771 - Tswaing Crater (252449.21S 280441.628E): **TM**: 46905, 46906 - Tzaneen (2350S 3010E): **TM**: 7086, 7087 - Umhlanga Rocks, 2 Tibia Crescent (2944S 3105E): **DNSM**: 445, 4451, 4452, 4453 - Umhlatusi River (2951S 3100E): **TM**: 7783 - Valhalla (2549S 2809E): **TM**: 19166 - Vernon Crookes Nature Reserve (3016S 3036E): **TM**: 34150 - Verwoerburg (2537S 2807E): **TM**: 34162 - Village Kosmos (2544S 2751E): **TM**: 19682 - Warmbad, 2 mi E (2453S 2818E): **ROM**: 45698, 45699, 45700, 45701, 45702 - Waterberg Game Farm (240659.472S 282317.88E): **TM**: 47096, 47097 - Waterberg, Farm Klipfontein 54JS (2408S 2808E): **TM**: 39417, 39418, 39419, 39420, 39522, 41377, 41378, 44197 - Waterkloof (2543S 2811E): **TM**: 28445 - Witsand Dam (2241S 3102E): **TM**: 38087, 38088, 38089, 38090, 38119, 38120, 38121, 38122.

Sudan:

Jebel Marra, S foothills (1254N 2421E): **BMNH**: 1923.1.1.19.

Swaziland:

Allen's Farm (2633S 3116E): **TM**: 45706 - Maguga (2631Aa): **NMB**: 11554, 11555, 11556, 11559 - Mlawula Nature Reserve (2614S 3159E): **TM**: 47709, 47710 - Mlawula Nature Reserve 1 (261048.58S 320257.48E): **TM**: 47743.

Tanzania:

Bagamoyo (0626S 3855E): **RMNH**: 15932 - Dali (0700S 3625E): **ZFMK**: 59169, 59170 - Mnara: **UIA**: ABOS-87 - Tabora (0143S 3446E): **ZMB**: T09842.

Togo:

Atakpamé (0732N 0108E): **RMCA**: 73-009-M-0016, 73-009-M-0017, 73-009-M-0018, 73-009-M-0019, 73-009-M-0020, 73-009-M-0021, 73-009-M-0022.

Uganda:

Gulu (0245N 3218E): **ROM**: 59148, 59150 - Moyo, 10 mi E (0339N 3143E): **ROM**: 59149, 59267 - Soroti (0140N 3330E): **ROM**: 38355, 38356, 38357, 38358, 38359, 38360, 38361.

Unknown Country:

: **TM**: 31772.

Zambia:

Abercorn (0850S 3124E): **KBIN**: 14455 - Mazabuka (1552S 2745E): **BMNH**: 1968.140 - Mazabuka Boma (1552S 2745E): **BMNH**: 1955.1126, 1955.1127.

Zimbabwe:

Chikupo cave (1723S 3117E): **TM**: 34840 - Chirinda forest (2024S 3242E): **TM**: 34635, 34636 - Lion and Cheetah Park (1723S 3117E): **TM**: 34841, 34842 - Rhodes Inyanga National Park (1817S 3246E): **TM**: 43839, 43840 - Rhodes Matopos National Park (2023S 2829E): **TM**: 35010, 35011, 35012, 35013, 35014, 35033, 35034, 35035, 35036 - Rusito Forest (2002S 3259E): **TM**: 34791.

Scotophilus leucogaster (Cretzschmar, 1826)**Botswana:**

Kwaai river (1910S 2330E): **ZMA**: 6.810.

Cameroon:

Koza (1052N 1353E): **RMCA**: 75-003-M-0090, 75-003-M-0091, 75-003-M-0092, 75-003-M-0093, 75-003-M-0094, 75-003-M-0095, 75-003-M-0096, 75-003-M-0097 - Poli (0829N 1315E): **RMCA**: 73-017-M-0032, 73-017-M-0033 - Waza (1125N 1434E): **RMCA**: 73-015-M-0042, 73-015-M-0043, 73-015-M-0044, 73-015-M-0045, 73-015-M-0046, 73-015-M-0047, 73-015-M-0048, 73-015-M-0049, 73-015-M-0050, 73-015-M-0051, 73-015-M-0052, 73-015-M-0053, 73-015-M-0054, 73-015-M-0065, 73-015-M-0066, 73-015-M-0068, 73-016-M-0128, 73-016-M-0129, 73-017-M-0021, 73-017-M-0022, 73-017-M-0023, 73-017-M-0024, 73-017-M-0025, 73-017-M-0026, 73-017-M-0027, 73-017-M-0029, 73-017-M-0030, 73-017-M-0031, 73-017-M-0034, 73-017-M-0044 - Yagoua (1020N 1514E): **RMCA**: 73-015-M-0017, 73-015-M-0018, 73-015-M-0019, 73-015-M-0020, 73-015-M-0021, 73-015-M-0022, 73-015-M-0023, 73-015-M-0024, 73-015-M-

- 0025, 73-015-M-0026, 73-015-M-0055, 73-015-M-0056, 73-015-M-0057, 73-015-M-0058, 73-015-M-0059, 73-015-M-0060, 73-015-M-0061, 73-015-M-0062, 73-015-M-0063, 73-015-M-0064, 73-016-M-0021, 73-016-M-0022, 73-016-M-0024, 73-016-M-0025, 73-016-M-0026, 73-016-M-0028, 73-016-M-0130, 73-016-M-0131, 73-016-M-0132, 73-016-M-0133, 73-016-M-0134, 73-016-M-0135, 73-016-M-0136, 73-016-M-0137, 73-016-M-0138, 73-016-M-0139, 73-017-M-0018, 73-017-M-0019, 73-017-M-0020, 73-017-M-0035, 73-017-M-0036, 73-017-M-0037, 73-017-M-0038, 73-017-M-0039, 73-017-M-0040, 73-017-M-0041, 73-017-M-0042, 73-017-M-0043, coll:2.607, coll:2.608, coll:2.621, coll:2.678, coll:2.695.
- Central African Republic:**
Bangui (0430N 1819E): **MNH:** 1976-422, 1976-423, 1976-424, 1976-426, 1976-427, 1976-428, 1976-429, 1976-430, 1976-431, 1976-432, 1976-435, 1976-436.
- Chad:**
Bebedjia (0841N 1643E): **ZMA:** 13.388, 13.389, 13.390, 13.391, 13.392, 13.393, 13.394, 13.397, 13.398, 13.399, 13.400, 13.401, 13.402, 13.441, 13.442, 13.443, 13.444, 13.445, 13.446, 13.447, 13.448, 13.449, 13.450, 13.451, 13.452.
- Ethiopia:**
Tana, lake (1200N 3720E): **FMNH:** 28781.
- Ghana:**
Pong Tamale (0941N 0049W): **BMNH:** 1965.566.
- Guinea-Bissau:**
Gunnal (1218N 1545W): **BMNH:** 1910.4.9.1.
- Kenya:**
Garsen, 8.5 km N (0216S 4007E): **ROM:** 71301 - Sokoke forest (0318S 4001E): **ROM:** 48688, 48689, 48690, 48691 - Tororo (0037N 3410E): **ROM:** 36379, 36380, 36381.
- Malawi:**
Chiromo (1632S 3509E): **BMNH:** 1922.12.17.56, 1922.12.17.57, 1922.12.17.60, 1922.12.17.61 - Port Herald (1655S 3516E): **BMNH:** 1910.3.26.1.
- Mozambique:**
Coguno (2423S 3432E): **BMNH:** 1906.11.8.11, 1906.11.8.12, 1906.11.8.18 - Inhambane (2400S 3528E): **BMNH:** 1906.11.8.15.
- Namibia:**
Olifant's Vlei [= Elephant Vlei / Vley] (1730S 1800E): **BMNH:** 1907.1.1.463 Duplicate (**Holotype** *Scotophilus damarensis*) - Ssanukanu (1806S 2023E): **BMNH:** 1935.9.1.49, 1935.9.1.50, 1935.9.1.51, 1935.9.1.52, 1935.9.1.53, 1935.9.1.55, 1935.9.1.58.
- Nigeria:**
Kaduna (1031N 0726E): **BMNH:** 1975.2620 - Pandam (0915N 0750E): **RMNH:** 25933; **ZMA:** 18.373, 18.374.
- Senegal:**
Dakar (1438N 1727W): **USNM:** 380279, 380280, 380281, 380282, 380283, 380284, 380285, 380286, 380287, 380288, 380289, 380290, 380291, 380292, 380293, 380294, 380295 - Linguere (1522N 1507W): **MNH:** 1976-421 - Missirah Saloum (1340N 1632W): **KBIN:** 19901a, 19901b, 19901c, 19901d, 19901e, 19901f, 19901g, 19901h, 19927a.
- Sierra Leone:**
Makeni (0857N 1202W): **BMNH:** 1939.481 - Musaia (0945N 1134W): **BMNH:** 1962.1802.
- South Africa:**
Punda Maria Camp (2241S 3102E): **TM:** 30601, 30604 - Tshalungwa Fountain [=Shalungwafontein, Tshalungwafontein] (2233S 3104E): **TM:** 30603 - Westville (2950S 3055E): **DNSM:** 5036.
- Sudan:**
Aradeiba: **MCZ:** 14463 (**Holotype** *Scotophilus altilis*), 14610 (**Paratype** *Scotophilus altilis*), 14611 (**Paratype** *Scotophilus altilis*) - Dilling (1203N 2939E): **SMF:** 33162, 33163, 33165, 33167, 33169, 33170, 33171, 33172, 33181, 33182 - El Obeid (1311N 3013E): **SMF:** 33240, 33241, 33242, 33243, 33244, 33245, 33246, 33247, 33248, 33249 - Ikoto (0406N 3306E): **FMNH:** 78495 - Kadugli (1100N 2944E): **SMF:** 33080, 33081, 33082, 33091, 33178, 33179, 33186, 33187, 33188, 33189, 33190, 33191, 33239, 33250, 33251, 33252, 33253, 33254, 33255, 33256, 33257, 33258, 33259 - Khartoum (1540N 3235E): **SMF:** 33059, 33060, 33061, 33062, 33063, 33064, 33065, 33066, 33067, 33068, 33069, 33070, 33071, 33072, 33073, 33074, 33075, 33076, 33077, 33078, 33079 - Khor Umm Adara (1115N 3111E): **SMF:** 33174 - Kologi (1052N 3059E): **SMF:** 33183, 33184, 33185 - Kordofan (ca. 1300N 3000E): **RMNH:** 27432; **SMF:** 47650 - Nubia (ca. 2000N 3200E): **RMNH:** 27433 - Rheika (1041N 3000E): **SMF:** 33173 - Semeih (1243N 3050E): **SMF:** 33175, 33176, 33177 - Torit (0427N 3231E): **FMNH:** 78494 - Zalingei (1252N 2329E): **BMNH:** 1923.1.1.22, 1923.1.1.23, 1923.1.1.25, 1923.1.1.27, 1923.1.1.28.
- Tanzania:**
Northeastern Tanzania: **ROM:** 38280.
- Togo:**
Borgou (1046N 0035E): **RMCA:** 73-011-M-0084, 73-011-M-0085 - Namoundjoga (1054N 0024E): **RMCA:** 73-013-M-0081, 73-013-M-0082 - Nanergou (1055N 0009E): **RMCA:** 73-009-M-0008, 73-009-M-0009, 73-009-M-0010, 73-009-M-0011, 73-009-M-0012, 73-009-M-0013, 73-009-M-0014, 73-009-M-0015, 73-009-M-0023 - Niamtougou (0946N 0106E): **RMCA:** 73-013-M-0079.
- Uganda:**
Budongo Forest (0146N 3133E): **ROM:** 46608, 46609 - Moyo, 10 mi E (0339N 3143E): **ROM:** 59161 - Sonsor river (0146N 3133E): **ROM:** 46606, 46607, 46610, 46611, 46612 - Waisoke river (0146N 3133E): **ROM:** 46572, 46573.
- Zambia:**
Naleza (1527S 2720E): **BMNH:** 1968.142 - Pwira Pan (1354S 2751E): **BMNH:** 1966.5472.
- Zimbabwe:**
Mana Pools National Park (1543S 2925E): **TM:** 45057, 45059.

Scotophilus nigrita (Schreber, 1774)

Benin:

- no specific locality: **MNHN**: 1912-441.
- Congo (Democratic Republic of the):**
Albertville [=Kalemie] (0557S 2910E): **AMNH**: 206844, 212591, 212592, 212593, 212594; **RMCA**: 14598, 22948, 29294, 29297 - Kalemie (0557S 2910E): **RMCA**: 31718.
- Ethiopia:**
Dire Dawa (0932N 4153E, 1250 m): **ZMB**: 48184, 48185, 48186.
- Ghana:**
Kete Krachi (0748N 0001W): **ZMB**: 54357 - Pulima (1051N 0203W): **USNM**: 420075.
- Kenya:**
Kwale (0410S 3927E): **RMNH**: 27155, 27156.
- Malawi:**
Chiromo (1632S 3509E): **BMNH**: 1922.12.17.53, 1922.12.17.54.
- Nigeria:**
Agege (0638N 0319E): **ZMA**: 18.366 - Lagos (0627N 0323E): **BMNH**: 1872.10.24.5 (Type *Scotophilus gigas*).
- Senegal:**
Mbout [=Mbeute] (1447N 1710W): **ZMB**: 41348, 41349, 41350, 41351, 41352, 41356, 41357, 41361, 41362, 54444, 54445, 54446 - No specific locality: **ZMB**: 54333, 54334, 54335, 54514, 54564, 54565, 54566, 54567, 54866, 54902, 54942, 54943 - Richard Toll (1625N 1542W): **MNHN**: 1960-80.
- Somalia:**
Mogadishu [=Mogadishu =Moqdisho] (0204N 4522E): **ZMB**: T10217.
- Sudan:**
Kadugli (1100N 2944E): **SMF**: 32785, 32786, 32787.
- Tanzania:**
Dar-es-Salaam (0648S 3918E): **ZMB**: 54552 - Kondoia (0454S 3547E): **ZMB**: 49709 - no specific locality: **ZMB**: 54296.
- Togo:**
Borgou (1046N 0035E): **RMCA**: 35027 - no specific locality: **ZMB**: 55560.
- Zimbabwe:**
Odzi district (1859S 3229E): **BMNH**: 1947.7.

Scotophilus nucella Robbins, 1984

- Ghana:**
Nkawkaw, 1 mi N (0633N 0044W): **USNM**: 412141.

Scotophilus nux Thomas, 1904

- "Congo":**
: **MNHN**: 1899.890, 1899.891.
- Cameroon:**
(0426N 1422E): **BMNH**: 1945.365, 1945.367, 1945.368, 1945.370, 1945.371 - Efulen (0247N 1032E): **BMNH**: 1903.2.4.5 (Holotype *Scotophilus nigrita nux*) - Kumba (0438N 0923E): **ROM**: 55646 - Kumba, 15 km S (0439N 0926E): **ROM**: 55760.
- Congo (Democratic Republic of the):**
Ibembo (0236N 2340E): **RMCA**: 20661 - Medje (0225N 2718E): **BMNH**: 1919.5.8.13; **RMCA**: 4344 - Panga (0152N 2643E): **RMCA**: 9125, 9126 - Teturi (0105N 2910E): **KBIN**: 7041, 7042, 7043.
- Côte d'Ivoire:**
Adiopodoumé (0519N 0408W): **RMCA**: 78-048-M-0001, 78-048-M-0002, 78-048-M-0003, 78-048-M-0004, 78-048-M-0005, 78-048-M-0006, 78-048-M-0007, 78-048-M-0008, 78-048-M-0009, 78-048-M-0010, 78-048-M-0011, 78-048-M-0012, 78-048-M-0013, 78-048-M-0014, 78-048-M-0015, 78-048-M-0016, 78-048-M-0017, 78-048-M-0018, 78-048-M-0019, 78-048-M-0020, 78-048-M-0021, 78-048-M-0022, 78-048-M-0023, 78-049-M-0001, 78-049-M-0002, 78-049-M-0004, 78-049-M-0005, 78-049-M-0007, 78-049-M-0008, 78-049-M-0009, 78-049-M-0010, 78-049-M-0011, 78-049-M-0012, 78-049-M-0013, 78-049-M-0014, 78-049-M-0015.
- Kenya:**
Kakamega forest (0016N 3453E): **ROM**: 65958, 65959, 65960, 65990, 66026.

Scotophilus robustus A. Milne-Edwards, 1881

- Madagascar:**
Madagascar: **MNHN**: ?, 1947-293 - no specific locality: **MNHN**: 218 (Type *Scotophilus robustus*).
- Unknown Country:**
: **FMNH**: 166186.

Scotophilus tandrefana Goodman, Jenkins and Rattrimomanarivo, 2005

- Madagascar:**
Antafinimihakatra (1616S 4648E): **UADBA**: 46965 - Bekopake, 1.8 km SE and 0.6 km NE Andadoany (1908S 4449E, 50 m): **UADBA**: 46923 (Type *Scotophilus tandrefana*) - Mahabo (2023S 4438E): **MNHN**: 1984.433 - Marovaza (145648S 471628.6E, 5m): **FMNH**: 184051, 184052, 184085, 184086 - Marovaza (1457S 4716E): **FMNH**: 184050.
- Unknown Country:**
: **UADBA**: 51344.

Scotophilus viridis (Peters, 1852)

- Cameroon:**
Mokolo (1042N 1343E): **RMCA**: 73-015-M-0027, 73-015-M-0028, 73-015-M-0029, 73-015-M-0030, 73-015-M-0031,

73-015-M-0032, 73-015-M-0033, 73-015-M-0034, 73-015-M-0035, 73-015-M-0036, 73-015-M-0037, 73-015-M-0038, 73-015-M-0039, 73-015-M-0040, 73-015-M-0041, 73-015-M-0070.

Central African Republic:

Bamingui (0832N 2055E): **BMNH**: 1979.2031, 1979.2032.

Cote D'Ivoire:

Bouake (0745N 0458W): **MNHN**: 1911-817.

Ethiopia:

Gambela (0815N 3435E): **SMF**: 41.837, 41.838; **ZFMK**: 73100, 73147, 73148, 73149, 73150, 73154, 73155, 7388, 7389, 7390, 7392, 7394, 7395, 7396, 7397, 7398 - Mabil, 10 km W (ca. 1019N 3645E): **BMNH**: 1970.490, 1970.491.

Ghana:

Gambaga (1032N 0026W): **BMNH**: 1899.6.15.9 (*Holotype Scotophilus nigritellus*) - Pong Tamale (0941N 0049W): **BMNH**: 1965.565 - Sakpa (0852N 0221W): **USNM**: 420016, 420017, 420018, 420019, 420020, 420021, 420022, 420023, 420024, 420025, 420026, 420027, 420028, 420029, 420030, 420031, 420032, 420033, 420034, 420035, 420036, 420037, 420038, 420039, 420040, 420041, 420042, 420043, 420044, 420045, 420046, 420047, 420048, 420049.

Kenya:

Diani Forest (0420S 3932E): **RMNH**: 28656, 28657, 28658; **ZMA**: 20.810, 20.811, 20.812, 20.813 - Garsen, 8.5 km N (0216S 4007E): **ROM**: 71315 - Kwale (0410S 3927E): **RMNH**: 27157, 27158, 27159, 27167, 27169, 27170, 27172, 27173, 27174, 27177, 28646, 28650, 28651; **ZMA**: 20.814 - Mara River (0131N 3356E): **SMF**: 48669 - Shimba Hills (0414S 3925E): **RMNH**: 28647, 28648, 28649, 28659, 28664, 28665, 28666 - Sokoke forest (0318S 4001E): **RMNH**: 28653, 28654, 28655; **ZMA**: 20.807, 20.808, 20.809 - Watamu (0323S 4000E): **RMNH**: 28652.

Mali:

Bamako (1240N 0759W): **FMNH**: 42132.

Mozambique:

Inhambane (2400S 3528E): **BMNH**: 1906.11.8.13 - Mozambique Island (ca. 1500S 4042E): **ZMB**: 73610 - Tete (1610S 3335E): **BMNH**: 1908.4.3.26, 1908.4.3.27, 1908.4.3.28, 1908.4.3.29 - Tete district (1709S 3338E): **TM**: 1093, 14703.

Nigeria:

Aguleri (0622N 0653E): **BMNH**: 1905.12.1.1 - Arusu (0842N 0809E): **ZMA**: 18.375 - Pandam (0915N 0750E): **ZMA**: 18.372.

Senegal:

Badi (1312N 1312W): **BMNH**: 1911.6.10.11 - Missirah Saloum (1340N 1632W): **KBIN**: 19927b.

South Africa:

: **NHMZ**: 59263, 64176, 64201 - Bube pan (2747S 3212E): **TM**: 35318, 35319, 35320 - Dukuduku Forest (2823S 3221E): **TM**: 40354, 40385, 40387, 40388 - Hans Merensky Nature Reserve (2340S 3041E): **TM**: 24555 - Hilton (2936S 3023E): **DNSM**: 5088 - Letaba Camp (2359S 3150E): **TM**: 39571, 39575 - Levuvhu hippo pool (2226S 3111E): **TM**: 30488, 30510, 30511, 30524, 30528, 30529, 30530, 30551, 30552, 34166, 34168, 34169, 34193, 34228, 34229, 34230, 34231, 34251, 34252, 34253, 34254, 34255, 34256, 34257, 34258, 34259, 34260, 39482 - Malibali pan (2747S 3212E): **TM**: 35250, 35251, 35252, 35253, 35254, 35255, 35256, 35257, 35258, 35259, 35260 - Mantuma Camp, camp pool (3237S 3212E): **DNSM**: 7513 - Msinga pan (2747S 3212E): **TM**: 35329, 35331 - Ndumu Game Reserve (2653S 3215E): **TM**: 35218, 35219, 35233, 35234, 35235, 35236, 35237, 35238 - Nhlonhela pan (274648S 321200E): **TM**: 35274, 35276, 35277 - Pafuri (2225S 3115E): **TM**: 46430 - Punda Maria Camp (2241S 3102E): **TM**: 30608, 30621, 30622, 30623, 30624, 30631, 30632, 39481 - Punda Milia Camp (2241S 3102E): **TM**: 30602, 30656 - Roodeval Private Camp, 2 km SE (2408S 3136E): **TM**: 39677, 39679 - Sabie River (2457S 3138E): **TM**: 42087, 42090 - Sabie river bank (2457S 3138E): **TM**: 42088, 42091 - Shashanga windmill (2240S 3059E): **TM**: 30664, 30665, 30666, 30667 - Tembe: **TM**: TEMBE 2a - Tembe Elephant Park (270236S 322523E): **TM**: 45323 - Tshalungwa Fountain [=Shalungwafontein, Tshalungwafontein] (2233S 3104E): **TM**: 29934, 30599, 30600, 30605, 30606, 30607, 30617, 30618, 30619, 30620 - Wardens house, attic (2747S 3212E): **TM**: 35330, 35332.

Sudan:

Bados (1210N 3420E): **FMNH**: 34161.

Swaziland:

Mlawula Nature Reserve 1 (261048.58S 320257.48E): **TM**: 47745.

Tanzania:

Bagamoyo (0626S 3855E, 0 m): **ZMB**: 62427 - Kisarawe (0653S 3903E): **ZFMK**: 61106 - Liwale (0947S 3800E): **BMNH**: 1964.1771 - Morogoro (0648S 3740E): **BMNH**: 1922.7.17.75 - Zanzibar (0610S 3912E): **ZMB**: 3087.

The Gambia:

Kontaur (1337N 1454W): **BMNH**: 1949.483.

Togo:

no specific locality: **ZMB**: 54515, 62434, 85544, 85545, 85546, 85547, 85548, 85549, 85550.

Uganda:

Waisoke river (0146N 3133E): **ROM**: 46574.

Zambia:

Loangwa valley (1310S 3130E): **BMNH**: 1909.12.4.3 - Luangwa (1307S 3145E): **BMNH**: 1966.5465, 1966.5467, 1966.5469, 1966.5470 - Mfuwe (1305S 3147E): **BMNH**: 1966.5462.

Zimbabwe:

Mana Pools National Park (1543S 2925E): **TM**: 45055, 45056, 45060 - Sengwa Wildlife Research Station (1810S 2813E): **TM**: 34893, 34894, 34896, 34897, 34898, 34899, 34902, 34903, 34904, 34952, 34953, 34954, 34955, 34956, 34957, 34976, 34977.

Appendix 2c: Voucher Specimens per Museum

An overview of voucher specimens arranged by museum, taxon, and country of origin, as well as the number of specimens per country, taxon, and museum, and the total number of specimens currently in the African Chiroptera Database.

AMNH: American Museum of Natural History, New York

- Chaerephon chapini* J.A. Allen, 1917
Congo (Democratic Republic of the): 1 [1].
- Chaerephon leucogaster* (A. Grandidier, 1869)
Congo (Democratic Republic of the): 2 [2].
- Chaerephon major* (Trouessart, 1897)
Congo (Democratic Republic of the): 1 [1].
- Chaerephon russatus* J.A. Allen, 1917
Congo (Democratic Republic of the): 1 [1].
- Epomophorus gambianus* (Ogilby, 1835)
Cameroon: 1, Chad: 3, Ghana: 1, Namibia: 1 [6].
- Epomophorus labiatus* (Temminck, 1837)
Malawi: 1, Sudan: 1, Uganda: 1 [3].
- Epomophorus minimus* Claessen & De Vree, 1991
Kenya: 1 [1].
- Eptesicus hottentotus* (A. Smith, 1833)
Namibia: 2 [2].
- Glauconycteris alboguttata* J.A. Allen, 1917
Congo (Democratic Republic of the): 1 [1].
- Glauconycteris humeralis* J.A. Allen, 1917
Congo (Democratic Republic of the): 1 [1].
- Hipposideros abae* J.A. Allen, 1917
Congo (Democratic Republic of the): 1 [1].
- Hipposideros caffer* (Sundevall, 1846)
Congo (Democratic Republic of the): 1 [1].
- Hipposideros commersoni* (E. Geoffroy St.-Hilaire, 1813)
Congo (Democratic Republic of the): 1 [1].
- Hipposideros cyclops* (Temminck, 1853)
Congo (Democratic Republic of the): 1 [1].
- Hipposideros ruber* (Noack, 1893)
Congo (Democratic Republic of the): 1 [1].
- Hypsugo anchietae* (de Seabra, 1900)
Angola: 8, Congo (Democratic Republic of the): 2, Zambia: 10 [20].
- Hypsugo eisentrauti* (Hill, 1968)
Congo (Democratic Republic of the): 1, Kenya: 1, Liberia: 1 [3].
- Hypsugo musciculus* (Thomas, 1913)
Gabon: 1 [1].
- Kerivoula argentata* Tomes, 1861
South Africa: 1 [1].
- Laephotis angolensis* Monard, 1935
Angola: 2 [2].
- Mimetillus moloneyi* (Thomas, 1891)
Angola: 5, Cameroon: 4, Congo (Democratic Republic of the): 4, Kenya: 2, Zambia: 9 [24].
- Miniopterus natalensis* (A. Smith, 1833)
Congo (Democratic Republic of the): 1 [1].
- Mops (Mops) condylurus* (A. Smith, 1833)
Congo (Democratic Republic of the): 1 [1].
- Mops (Mops) congicus* J.A. Allen, 1917
Congo (Democratic Republic of the): 1 [1].
- Mops (Mops) demonstrator* (Thomas, 1903)
Congo (Democratic Republic of the): 1 [1].
- Mops (Mops) niangarae* J.A. Allen, 1917
Congo (Democratic Republic of the): 1 [1].
- Mops (Mops) niveiventer* Cabrera and Ruxton, 1926
Zambia: 2 [2].
- Mops (Mops) trevori* J.A. Allen, 1917
Congo (Democratic Republic of the): 1 [1].
- Mops (Xiphonycteris) brachypterus* (Peters, 1852)
Congo (Democratic Republic of the): 1 [1].
- Mops (Xiphonycteris) nanulus* J.A. Allen, 1917
Congo (Democratic Republic of the): 1 [1].
- Mops (Xiphonycteris) thersites* (Thomas, 1903)
Congo (Democratic Republic of the): 1 [1].
- Neoromicia brunneus* (Thomas, 1880)

- Cameroon: 1, Congo (Democratic Republic of the): 1, Liberia: 1 [3].
Neoromicia capensis (A. Smith, 1829)
 Angola: 3, Congo (Democratic Republic of the): 1, Namibia: 1, South Africa: 11, Zambia: 4 [20].
Neoromicia flavescens (de Seabra, 1900)
 Angola: 17 [17].
Neoromicia guineensis (Bocage, 1889)
 Chad: 1, Congo (Democratic Republic of the): 2 [3].
Neoromicia helios (Heller, 1912)
 Sudan: 3 [3].
Neoromicia rendalli (Thomas, 1889)
 Congo (Democratic Republic of the): 8, Kenya: 1, Sudan: 5 [14].
Neoromicia somalicus (Thomas, 1901)
 Congo (Democratic Republic of the): 1, Ethiopia: 2, Kenya: 1, Namibia: 1, South Africa: 2, Tanzania: 1 [8].
Neoromicia tenuipinnis (Peters, 1872)
 Cameroon: 1, Congo (Democratic Republic of the): 6, Liberia: 1, Uganda: 1 [9].
Nycteris hispida (Schreber, 1774)
 Congo (Democratic Republic of the): 1 [1].
Nycteris major (K. Andersen, 1912)
 Congo (Democratic Republic of the): 1 [1].
Pipistrellus hesperidus (Temminck, 1840)
 Kenya: 2 [2].
Pipistrellus kuhlii (Kuhl, 1817)
 "Africa": 1, Ethiopia: 3 [4].
Pipistrellus nanulus Thomas, 1904
 Cameroon: 1, Congo (Democratic Republic of the): 1, Equatorial Guinea: 2, Gabon: 1, Liberia: 2, Uganda: 2 [9].
Pipistrellus nanus (Peters, 1852)
 Angola: 1, Congo (Democratic Republic of the): 1, Cote D'Ivoire: 2, Ghana: 4, Nigeria: 1, Zambia: 5 [14].
Pipistrellus rueppellii (Fischer, 1829)
 Botswana: 1, Congo (Democratic Republic of the): 1, South Africa: 2, Sudan: 3, Tanzania: 1, Uganda: 1, Zambia: 1 [10].
Pipistrellus rusticus (Tomes, 1861)
 South Africa: 8, Zambia: 1 [9].
Rhinolophus fumigatus Rüppell, 1842
 Congo (Democratic Republic of the): 1 [1].
Rhinolophus hillorum Koopman, 1989
 Liberia: 1 [1].
Rhinolophus landeri Martin, 1838
 Congo (Democratic Republic of the): 1 [1].
Rhinolophus ruwenzorii J. Eric Hill, 1942
 Congo (Democratic Republic of the): 1 [1].
Rhinopoma hardwickii Gray, 1831
 Egypt: 2 [2].
Rhinopoma macinnesi Hayman, 1937
 Kenya: 3 [3].
Scotophilus nigrita (Schreber, 1774)
 Congo (Democratic Republic of the): 5 [5].

Total Specimens for AMNH: 227

BMNH: The Natural History Museum (formerly The British Museum of Nat. Hist.)

- Asellia tridens* (E. Geoffroy St.-Hilaire, 1813)
 Algeria: 2, Egypt: 1 [3].
Casinycteris argynnis Thomas, 1910
 Cameroon: 1 [1].
Chaerephon ansorgei (Thomas, 1913)
 Angola: 1 [1].
Chaerephon bemmellini (Jentink, 1879)
 Sudan: 1 [1].
Chaerephon chapini J.A. Allen, 1917
 Namibia: 1, Zimbabwe: 1 [2].
Chaerephon gallagheri (Harrison, 1975)
 Congo (Democratic Republic of the): 3 [3].
Chaerephon leucogaster (A. Grandidier, 1869)
 Nigeria: 1 [1].
Chaerephon major (Trouessart, 1897)
 Tanzania: 1, Unknown Country: 1 [2].
Chaerephon nigeriae Thomas, 1913
 Nigeria: 1 [1].
Chaerephon pumilus (Cretzschmar, 1826)
 Kenya: 1, Mozambique: 1, The Gambia: 1 [3].
 CHIROPTERA Blumenbach, 1779
 Kenya: 5, Malawi: 4, Unknown Country: 11 [20].
Cistugo seabrae Thomas, 1912
 Angola: 1, Namibia: 2 [3].

- Cloeotis percivali* Thomas, 1901
Kenya: 2, Zambia: 7 [9].
- Coleura afra* (Peters, 1852)
Angola: 1, Congo (Democratic Republic of the): 2, Mozambique: 1, Somalia: 1, Sudan: 1 [6].
- Coleura seychellensis* Peters, 1868
Seychelle Islands: 2 [2].
- Epomophorus angolensis* Gray, 1870
Angola: 1, Namibia: 19 [20].
- Epomophorus gambianus* (Ogilby, 1835)
"Africa": 1, Burkina Faso: 2, Central African Republic: 1, Congo (Democratic Republic of the): 2, Ethiopia: 3, Ghana: 2, Malawi: 1, Mozambique: 4, Nigeria: 2, Senegal: 1, Sierra Leone: 2, South Africa: 1, Tanzania: 1, The Gambia: 4, Unknown Country: 1, Zambia: 16, Zimbabwe: 1 [45].
- Epomophorus labiatus* (Temminck, 1837)
Congo (Democratic Republic of the): 6, Ethiopia: 6, Kenya: 3, Malawi: 3, Sudan: 2, Tanzania: 21, Uganda: 20, Zambia: 5 [66].
- Epomophorus minimus* Claessen & De Vree, 1991
Ethiopia: 5, Kenya: 11, Somalia: 1, Tanzania: 2 [19].
- Epomophorus wahlbergi* (Sundevall, 1846)
"Africa": 1, Angola: 10, Ethiopia: 1, Gabon: 1, Kenya: 8, Malawi: 2, Mozambique: 3, Somalia: 1, South Africa: 6, Tanzania: 18, Uganda: 2, Unknown Country: 1, Zambia: 4 [58].
- Epomops franqueti* (Tomes, 1860)
Nigeria: 1 [1].
- Eptesicus bottae* (Peters, 1869)
Egypt: 1 [1].
- Eptesicus floweri* (de Winton, 1901)
Sudan: 2 [2].
- Eptesicus hottentotus* (A. Smith, 1833)
Malawi: 4 [4].
- Eptesicus platyops* (Thomas, 1901)
Nigeria: 1 [1].
- Eptesicus serotinus* (Schreber, 1774)
'Gabon': 1 [1].
- Glauconycteris argentata* (Dobson, 1875)
Cameroon: 1 [1].
- Glauconycteris beatrix* Thomas, 1901
Equatorial Guinea: 1 [1].
- Glauconycteris egeria* Thomas, 1913
Cameroon: 1 [1].
- Glauconycteris machadoi* Hayman, 1963
Angola: 1 [1].
- Glauconycteris poensis* (Gray, 1842)
Nigeria: 1 [1].
- Glauconycteris superba* Hayman, 1939
Ghana: 1 [1].
- Glauconycteris variegata* (Tomes, 1861)
Namibia: 2, Sudan: 1, Uganda: 1 [4].
- Hipposideros caffer* (Sundevall, 1846)
Angola: 1, South Africa: 2 [3].
- Hipposideros commersoni* (E. Geoffroy St.-Hilaire, 1813)
Kenya: 1, The Gambia: 1, Zambia: 1 [3].
- Hipposideros cyclops* (Temminck, 1853)
Gabon: 1 [1].
- Hipposideros jonesi* Hayman, 1947
Sierra Leone: 1 [1].
- Hipposideros ruber* (Noack, 1893)
Gabon: 1, Uganda: 1 [2].
- Hypsignathus monstrosus* H. Allen, 1862
Nigeria: 1 [1].
- Hypsugo anchietae* (de Seabra, 1900)
Angola: 1 [1].
- Hypsugo ariel* (Thomas, 1904)
Sudan: 3 [3].
- Hypsugo crassulus* (Thomas, 1904)
Cameroon: 2, Congo (Democratic Republic of the): 1 [3].
- Hypsugo musciculus* (Thomas, 1913)
Cameroon: 5, Ghana: 1, Sierra Leone: 1 [7].
- Hypsugo savii* (Bonaparte, 1837)
Canary Islands [Spain]: 1, Cape Verde: 2, Italy: 1 [4].
- Kerivoula argentata* Tomes, 1861
Mozambique: 3 [3].
- Kerivoula cuprosa* Thomas, 1912
Cameroon: 1 [1].
- Kerivoula lanosa* (A. Smith, 1847)
NE Africa: 1, South Africa: 3, Zimbabwe: 1 [5].
- Kerivoula phalaena* Thomas, 1912
Ghana: 1 [1].

- Kerivoula smithii* Thomas, 1880
Nigeria: 1 [1].
- Laephotis angolensis* Monard, 1935
Congo (Democratic Republic of the): 2 [2].
- Laephotis botswanae* Setzer, 1971
Congo (Democratic Republic of the): 2, Zambia: 2 [4].
- Laephotis wintoni* Thomas, 1901
Ethiopia: 3, Kenya: 1 [4].
- Lavia frons* (E. Geoffroy St.-Hilaire, 1810)
Zambia: 1 [1].
- Lissonycteris angolensis* (Bocage, 1898)
Angola: 1 [1].
- Lissonycteris smithii* (Thomas, 1908)
Sierra Leone: 1 [1].
- Micropteropus intermedius* Hayman, 1963
Angola: 1 [1].
- Mimetillus moloneyi* (Thomas, 1891)
Equatorial Guinea: 4, Kenya: 1, Nigeria: 1, Sierra Leone: 1, Tanzania: 3, Zambia: 1 [11].
- Mimetillus thomasi* Hinton, 1920
Zambia: 1 [1].
- Miniopterus fraterculus* Thomas and Schwann, 1906
South Africa: 1 [1].
- Miniopterus inflatus* Thomas, 1903
Cameroon: 1 [1].
- Miniopterus majori* Thomas, 1906
Madagascar: 1 [1].
- Miniopterus manavi* Thomas, 1906
Comoro Islands: 1, Madagascar: 1 [2].
- Miniopterus natalensis* (A. Smith, 1833)
Namibia: 1, South Africa: 4 [5].
- MOLOSSIDAE Gervais, 1856
Ethiopia: 2, Namibia: 1, Unknown Country: 1 [4].
- Mops (Mops) condylurus* (A. Smith, 1833)
Congo (Democratic Republic of the): 1 [1].
- Mops (Mops) demonstrator* (Thomas, 1903)
Sudan: 1 [1].
- Mops (Mops) midas* (Sundevall, 1843)
"Africa": 8, Malawi: 4, Sudan: 2, Unknown Country: 2 [16].
- Mops (Mops) niveiventer* Cabrera and Ruxton, 1926
Congo (Democratic Republic of the): 3 [3].
- Mops (Xiphonycteris) brachypterus* (Peters, 1852)
Sierra Leone: 1 [1].
- Mops (Xiphonycteris) nanulus* J.A. Allen, 1917
Cameroon: 2, Congo (Democratic Republic of the): 8, Ghana: 1, Kenya: 1, Nigeria: 3 [15].
- Mops (Xiphonycteris) spurrelli* (Dollman, 1911)
Ghana: 3 [3].
- Mops (Xiphonycteris) thersites* (Thomas, 1903)
Cameroon: 1 [1].
- Myonycteris (Myonycteris) torquata* (Dobson, 1878)
Angola: 1, Angola (?): 1, Congo (Democratic Republic of the): 1, Sierra Leone: 1, Zambia: 2 [6].
- Myopterus daubentonii* Desmarest, 1820
Congo (Democratic Republic of the): 1 [1].
- Myotis blythii* (Tomes, 1857)
'Gaboon': 1, India: 2 [3].
- Myotis bocagii bocagii* (Peters, 1870)
Kenya: 1 [1].
- Myotis bocagii cupreolus* Thomas, 1904
Cameroon: 1 [1].
- Myotis capaccinii* (Bonaparte, 1837)
Italy: 1 [1].
- Myotis goudoti* (A. Smith, 1834)
Madagascar: 1 [1].
- Myotis morrisi* Hill, 1971
Ethiopia: 1 [1].
- Myotis scotti* Thomas, 1927
Ethiopia: 1 [1].
- Myotis welwitschii* (Gray, 1866)
Angola: 1 [1].
- Neoromicia brunneus* (Thomas, 1880)
Nigeria: 1 [1].
- Neoromicia capensis* (A. Smith, 1829)
"Africa": 1, Malawi: 1, Namibia: 5, South Africa: 10, Unknown Country: 1, Zambia: 1 [19].
- Neoromicia matroka* (Thomas and Schwann, 1905)
Madagascar: 7 [7].
- Neoromicia melckorum* (Roberts, 1919)
Malawi: 1, Mozambique: 1, Zambia: 2, Zimbabwe: 1 [5].

- Neoromicia rendalli* (Thomas, 1889)
The Gambia: 2 [2].
- Neoromicia somalicus* (Thomas, 1901)
Somalia: 1 [1].
- Neoromicia tenuipinnis* (Peters, 1872)
Angola: 1 [1].
- Nyctalus azoreum* (Thomas, 1901)
Azores [Portugal]: 1 [1].
- Nyctalus leisleri* (Kuhl, 1817)
Madeira [Portugal]: 1 [1].
- Nycteris arge* Thomas, 1903
Cameroon: 20, Congo (Democratic Republic of the): 17, Equatorial Guinea: 2, Ghana: 3, Kenya: 2, Liberia: 5, Nigeria: 1, Sierra Leone: 2, Togo: 1 [53].
- Nycteris aurita* (K. Andersen, 1912)
Kenya: 6, Somalia: 1, Tanzania: 2 [9].
- Nycteris gambiensis* (K. Andersen, 1912)
Ghana: 3, Nigeria: 2, Senegal: 3, The Gambia: 3 [11].
- Nycteris grandis* Peters, 1865
Benin: 1, Cameroon: 5, Congo (Democratic Republic of the): 4, Equatorial Guinea: 1, Gabon: 2, Ghana: 5, Liberia: 3, Nigeria: 2, Tanzania: 7, Zambia: 1 [31].
- Nycteris hispida* (Schreber, 1774)
Angola: 3, Cameroon: 9, Congo (Democratic Republic of the): 12, Equatorial Guinea: 6, Ethiopia: 3, Ghana: 24, Kenya: 15, Liberia: 1, Malawi: 3, Nigeria: 18, Senegal: 4, Sierra Leone: 9, South Africa: 1, Sudan: 20, Tanzania: 6, Uganda: 5 [139].
- Nycteris intermedia* Aellen, 1959
Angola: 1, Congo (Democratic Republic of the): 2, Ghana: 3, Tanzania: 1 [7].
- Nycteris macrotis* Dobson, 1876
"Africa": 2, Angola: 2, Congo (Democratic Republic of the): 1, Ethiopia: 3, Ghana: 11, Kenya: 17, Liberia: 1, Malawi: 3, Nigeria: 4, Rwanda: 6, Sierra Leone: 13, Somalia: 3, Sudan: 4, Tanzania: 43, The Gambia: 6, Uganda: 3, Unknown Country: 3, Zambia: 1 [126].
- Nycteris major* (K. Andersen, 1912)
Cameroon: 1 [1].
- Nycteris nana* (K. Andersen, 1912)
Cameroon: 3, Congo (Democratic Republic of the): 1, Equatorial Guinea: 1, Ghana: 2, Kenya: 3 [10].
- Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
"Africa": 1, Angola: 6, Botswana: 3, Congo (Democratic Republic of the): 3, Egypt: 21, Ethiopia: 17, Kenya: 23, Malawi: 8, Morocco: 1, Mozambique: 9, Namibia: 74, Niger: 3, Nigeria: 1, Senegal: 1, Sierra Leone: 2, Somalia: 11, South Africa: 23, Sudan: 12, Swaziland: 1, Tanzania: 73, Uganda: 13, Zambia: 30, Zimbabwe: 14 [350].
- Nycteris woodi* K. Andersen, 1914
Ethiopia: 2, Malawi: 2, Tanzania: 1, Zambia: 13, Zimbabwe: 1 [19].
- Nycticeinops schlieffenii* (Peters, 1859)
Namibia: 2 [2].
- Pipistrellus deserti* Thomas, 1902
Algeria: 2, Libya: 1 [3].
- Pipistrellus hesperidus* (Temminck, 1840)
Kenya: 1, Malawi: 11 [12].
- Pipistrellus kuhlii* (Kuhl, 1817)
"Africa": 1, Ethiopia: 6 [7].
- Pipistrellus maderensis* (Dobson, 1878)
Madeira [Portugal]: 1 [1].
- Pipistrellus nanulus* Thomas, 1904
Cameroon: 2, Liberia: 1, Sierra Leone: 2, Uganda: 1 [6].
- Pipistrellus nanus* (Peters, 1852)
Mozambique: 4, Namibia: 2, Nigeria: 2, South Africa: 4, Unknown Country: 1 [13].
- Pipistrellus pipistrellus* (Schreber, 1774)
"Africa": 1 [1].
- Pipistrellus rueppellii* (Fischer, 1829)
Malawi: 5, Tanzania: 1, Uganda: 1 [7].
- Pipistrellus rusticus* (Tomes, 1861)
Namibia: 2, South Africa: 2, Sudan: 2 [6].
- Platymops setiger* (Peters, 1878)
Ethiopia: 2, Kenya: 4, Sudan: 2 [8].
- Plecotus christii* Gray, 1838
Egypt: 1 [1].
- Plecotus teneriffae* Barrett-Hamilton, 1907
Algeria: 1, Canary Islands [Spain]: 1, Malta: 1, Morocco: 1, Tunisia: 5 [9].
- Pteropus livingstonii* Gray, 1866
Comoro Islands: 1 [1].
- Pteropus rodricensis* Dobson, 1878
Mascarene Islands: 1, Mauritius: 1 [2].
- Pteropus rufus* E. Geoffroy St.-Hilaire, 1803
Madagascar: 1 [1].
- Pteropus seychellensis* A. Milne-Edwards, 1877
Comoro Islands: 3 [3].
- Rhinolophus blasii* Peters, 1867
Malawi: 1, Somalia: 1 [2].

- Rhinolophus clivosus* Cretzschmar, 1828
Egypt: 3, Malawi: 1, South Africa: 2, Zambia: 1 [7].
- Rhinolophus darlingi* K. Andersen, 1905
Zimbabwe: 1 [1].
- Rhinolophus denti* Thomas, 1904
South Africa: 1 [1].
- Rhinolophus eloquens* K. Andersen, 1905
Uganda: 1 [1].
- Rhinolophus fumigatus* Rüppell, 1842
Kenya: 1, Nigeria: 1, Senegal: 1 [3].
- Rhinolophus hildebrandtii* Peters, 1878
Kenya: 1 [1].
- Rhinolophus hipposideros* (Bechstein, 1800)
Morocco: 1 [1].
- Rhinolophus landeri* Martin, 1838
Equatorial Guinea: 1, Sudan: 1 [2].
- Rhinolophus simulator* K. Andersen, 1904
Zambia: 1, Zimbabwe: 1 [2].
- Rhinopoma hardwickii* Gray, 1831
Egypt: 12, Ethiopia: 7, India: 1, Niger: 1, Sudan: 3 [24].
- Rhinopoma macinnesi* Hayman, 1937
Kenya: 10 [10].
- Rhinopoma microphyllum* (Brünnich, 1782)
"Africa": 1, Egypt: 5, Nigeria: 1, Sudan: 2 [9].
- Rousettus aegyptiacus* (E. Geoffroy St.-Hilaire, 1810)
Angola: 1 [1].
- Rousettus lanosus* Thomas, 1906
Egypt: 8, Kenya: 1, Sudan: 1, Uganda: 1 [11].
- Sauromys petrophilus* (Roberts, 1917)
Namibia: 2, Zimbabwe: 1 [3].
- Scotoecus albigula* Thomas, 1909
Angola: 1 [1].
- Scotoecus albofuscus* (Thomas, 1890)
Malawi: 1, The Gambia: 1 [2].
- Scotoecus hindei* Thomas, 1901
Kenya: 1, Nigeria: 1 [2].
- Scotoecus hirundo* (de Winton, 1899)
Ghana: 1 [1].
- Scotonycteris ophiodon* Pohle, 1943
Ghana: 1 [1].
- Scotonycteris zenkeri* Matschie, 1894
Equatorial Guinea: 1, Ghana: 1 [2].
- Scotophilus* Leach, 1821
Namibia: 2 [2].
- Scotophilus dinganii* (A. Smith, 1833)
Angola: 3, Congo (Democratic Republic of the): 2, Ethiopia: 15, Kenya: 17, Malawi: 4, Mozambique: 9, Namibia: 9, Nigeria: 2, Sierra Leone: 1, Somalia: 1, South Africa: 7, Sudan: 1, Zambia: 3 [74].
- Scotophilus leucogaster* (Cretzschmar, 1826)
Ghana: 1, Guinea-Bissau: 1, Malawi: 5, Mozambique: 4, Namibia: 8, Nigeria: 1, Sierra Leone: 2, Sudan: 5, Zambia: 2 [29].
- Scotophilus nigrata* (Schreber, 1774)
Malawi: 2, Nigeria: 1, Zimbabwe: 1 [4].
- Scotophilus nux* Thomas, 1904
Cameroon: 6, Congo (Democratic Republic of the): 1 [7].
- Scotophilus viridis* (Peters, 1852)
Central African Republic: 2, Ethiopia: 2, Ghana: 2, Mozambique: 5, Nigeria: 1, Senegal: 1, Tanzania: 2, The Gambia: 1, Zambia: 6 [22].
- Tadarida aegyptiaca* (E. Geoffroy St.-Hilaire, 1818)
Unknown Country: 1 [1].
- Tadarida fulminans* (Thomas, 1903)
Madagascar: 1 [1].
- Tadarida lobata* (Thomas, 1891)
Kenya: 1 [1].
- Tadarida ventralis* (Heuglin, 1861)
Kenya: 1, South Africa: 1 [2].
- Taphozous hamiltoni* Thomas, 1920
Sudan: 1 [1].
- Taphozous hildegardae* Thomas, 1909
Kenya: 1 [1].
- Taphozous mauritanus* E. Geoffroy St.-Hilaire, 1818
Namibia: 1 [1].
- Taphozous perforatus* E. Geoffroy St.-Hilaire, 1818
Kenya: 1, Nigeria: 1, Sudan: 1 [3].
- Triaenops persicus* Dobson, 1871
Iran: 1 [1].

Total Specimens for BMNH: 1539

BZM: ?

Scotophilus dinganii (A. Smith, 1833)
Mozambique: 1 [1].

Total Specimens for BZM: 1

CAS: California Academy of Sciences, San Francisco

Neoromicia capensis (A. Smith, 1829)
Kenya: 1, Zambia: 3 [4].
Neoromicia rendalli (Thomas, 1889)
Uganda: 1 [1].
Nycteris arge Thomas, 1903
Congo (Democratic Republic of the): 1 [1].
Nycteris hispida (Schreber, 1774)
Congo (Democratic Republic of the): 1, Kenya: 1, Uganda: 2 [4].
Pipistrellus nanus (Peters, 1852)
Zambia: 1 [1].
Pipistrellus rueppellii (Fischer, 1829)
Egypt: 1, Zambia: 1 [2].

Total Specimens for CAS: 13

CAWM: College of African Wildlife Management, Mweka

Kerivoula Gray, 1842
Tanzania: 2 [2].
Taphozous mauritianus E. Geoffroy St.-Hilaire, 1818
Tanzania: 1 [1].

Total Specimens for CAWM: 3

CM: Carnegie Museum, Pittsburg

Epomophorus gambianus (Ogilby, 1835)
Cameroon: 1, Central African Republic: 1, Cote D'Ivoire: 1, Ghana: 12, South Africa: 1, Zimbabwe: 3 [19].
Epomophorus labiatus (Temminck, 1837)
Malawi: 5, Tanzania: 1, Uganda: 2 [8].
Epomophorus minimus Claessen & De Vree, 1991
Ethiopia: 7, Kenya: 10, Somalia: 93 [110].
Epomophorus wahlbergi (Sundevall, 1846)
Kenya: 28, Malawi: 1, Somalia: 55, South Africa: 8 [92].
Eptesicus hottentotus (A. Smith, 1833)
Kenya: 1, Namibia: 11, South Africa: 4 [16].
Hypsugo anchietae (de Seabra, 1900)
Angola: 3 [3].
Hypsugo crassulus (Thomas, 1904)
Cameroon: 1, Kenya: 1 [2].
Hypsugo eisentrauti (Hill, 1968)
Kenya: 8 [8].
Hypsugo savii (Bonaparte, 1837)
Algeria: 5 [5].
Neoromicia brunneus (Thomas, 1880)
Cameroon: 18, Gabon: 1 [19].
Neoromicia capensis (A. Smith, 1829)
Angola: 2, Ethiopia: 1, Namibia: 4, South Africa: 70, Zimbabwe: 1 [78].
Neoromicia flavescens (de Seabra, 1900)
Cameroon: 1 [1].
Neoromicia guineensis (Bocage, 1889)
Cameroon: 1, Central African Republic: 3, Ethiopia: 1, Ghana: 1 [6].
Neoromicia helios (Heller, 1912)
Kenya: 20, Somalia: 9 [29].
Neoromicia melckorum (Roberts, 1919)
South Africa: 2 [2].
Neoromicia rendalli (Thomas, 1889)
Congo (Democratic Republic of the): 11, Ghana: 3, Kenya: 2, Somalia: 13 [29].
Neoromicia somalicus (Thomas, 1901)
Cameroon: 1, Central African Republic: 18, Ethiopia: 2, Kenya: 7, Namibia: 3, Somalia: 15 [46].
Neoromicia tenuipinnis (Peters, 1872)
Cameroon: 18, Central African Republic: 5, Congo (Democratic Republic of the): 2, Ghana: 2 [27].
Neoromicia zuluensis (Roberts, 1924)
Kenya: 1, South Africa: 7 [8].

- Nycteris hispida* (Schreber, 1774)
Central African Republic: 2, Ethiopia: 1 [3].
- Nycteris intermedia* Aellen, 1959
Cote D'Ivoire: 1 [1].
- Nycteris macrotis* Dobson, 1876
Ethiopia: 1, Kenya: 2 [3].
- Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
Ethiopia: 1, Kenya: 4, South Africa: 1 [6].
- Pipistrellus deserti* Thomas, 1902
Algeria: 10, Ghana: 1, Somalia: 1 [12].
- Pipistrellus hesperidus* (Temminck, 1840)
Kenya: 11, South Africa: 6 [17].
- Pipistrellus kuhlii* (Kuhl, 1817)
Algeria: 20, Cote D'Ivoire: 1, Egypt: 15, Ethiopia: 1, Libya: 3 [40].
- Pipistrellus nanulus* Thomas, 1904
Cameroon: 6, Ghana: 5 [11].
- Pipistrellus nanus* (Peters, 1852)
Cameroon: 13, Central African Republic: 3, Congo: 20, Congo (Democratic Republic of the): 12, Ethiopia: 1, Ghana: 3, Kenya: 13, South Africa: 7, Zimbabwe: 9 [81].
- Pipistrellus pipistrellus* (Schreber, 1774)
Libya: 14 [14].
- Pipistrellus rueppellii* (Fischer, 1829)
South Africa: 1 [1].
- Pipistrellus rusticus* (Tomes, 1861)
Central African Republic: 6, South Africa: 28 [34].
- Rhinopoma hardwickii* Gray, 1831
Egypt: 29 [29].

Total Specimens for CM: 760

CNHM: Chicago Natural History Museum

- Micropteropus intermedius* Hayman, 1963
Angola: 1 [1].

Total Specimens for CNHM: 1

CZL: Centro de Zoologia, Lisboa

- Neoromicia somalicus* (Thomas, 1901)
Guinea-Bissau: 2 [2].
- Neoromicia zuluensis* (Roberts, 1924)
Angola: 1 [1].
- Pipistrellus nanus* (Peters, 1852)
Guinea-Bissau: 3, Mozambique: 2 [5].

Total Specimens for CZL: 8

DCDH: David C.D. Happold Collection

- Laephotis botswanae* Setzer, 1971
Malawi: 10 [10].
- Neoromicia capensis* (A. Smith, 1829)
Malawi: 14 [14].
- Neoromicia flavescens* (de Seabra, 1900)
Malawi: 1 [1].
- Neoromicia melckorum* (Roberts, 1919)
Malawi: 1 [1].
- Neoromicia rendalli* (Thomas, 1889)
Malawi: 3 [3].
- Neoromicia zuluensis* (Roberts, 1924)
Malawi: 7 [7].
- Pipistrellus hesperidus* (Temminck, 1840)
Malawi: 48 [48].
- Pipistrellus nanus* (Peters, 1852)
Malawi: 49 [49].
- Pipistrellus rueppellii* (Fischer, 1829)
Malawi: 15 [15].

Total Specimens for DCDH: 148

DNSM: Durban Natural Science Museum, Durban

- Chaerephon nigeriae* Thomas, 1913
South Africa: 2 [2].

- Chaerephon pumilus* (Cretzschmar, 1826)
"Africa": 1, South Africa: 50 [51].
- CHIROPTERA* Blumenbach, 1779
South Africa: 1, Unknown Country: 1 [2].
- Cloeotis percivali* Thomas, 1901
South Africa: 23, Swaziland: 2, Zimbabwe: 2 [27].
- Epomophorus wahlbergi* (Sundevall, 1846)
South Africa: 6 [6].
- Eptesicus hottentotus* (A. Smith, 1833)
South Africa: 2 [2].
- Glauconycteris variegata* (Tomes, 1861)
"Africa": 1, South Africa: 2 [3].
- Hipposideros caffer* (Sundevall, 1846)
South Africa: 36 [36].
- Hypsugo anchietae* (de Seabra, 1900)
South Africa: 8 [8].
- Laephotis botswanae* Setzer, 1971
South Africa: 3 [3].
- Miniopterus Bonaparte*, 1837
South Africa: 3 [3].
- Miniopterus fraterculus* Thomas and Schwann, 1906
South Africa: 4, Swaziland: 1 [5].
- Miniopterus natalensis* (A. Smith, 1833)
South Africa: 16 [16].
- Mops* Lesson, 1842
South Africa: 1 [1].
- Mops (Mops) condylurus* (A. Smith, 1833)
Mozambique: 2, South Africa: 19 [21].
- Myotis bocagii* (Peters, 1870)
South Africa: 4 [4].
- Myotis tricolor* (Temminck, 1832)
South Africa: 4 [4].
- Neoromicia* Roberts, 1926
Zimbabwe: 1 [1].
- Neoromicia capensis* (A. Smith, 1829)
South Africa: 65 [65].
- Neoromicia rendalli* (Thomas, 1889)
South Africa: 4 [4].
- Neoromicia zuluensis* (Roberts, 1924)
South Africa: 2 [2].
- Nycteris* G. Cuvier and E. Geoffroy, 1795
South Africa: 1 [1].
- Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
South Africa: 30 [30].
- Nycticeinops schlieffenii* (Peters, 1859)
South Africa: 1 [1].
- Otomops martiensseni* (Matschie, 1897)
South Africa: 2 [2].
- Pipistrellus hesperidus* (Temminck, 1840)
South Africa: 34, Unknown Country: 1, Zimbabwe: 1 [36].
- Pipistrellus nanus* (Peters, 1852)
South Africa: 25, Swaziland: 2, Zimbabwe: 1 [28].
- Pipistrellus rusticus* (Tomes, 1861)
South Africa: 12 [12].
- Rhinolophus clivosus* Cretzschmar, 1828
South Africa: 5 [5].
- Rhinolophus darlingi* K. Andersen, 1905
South Africa: 2 [2].
- Rhinolophus simulator* K. Andersen, 1904
South Africa: 5 [5].
- Rhinolophus swinnyi* Gough, 1908
"Africa": 1, South Africa: 2 [3].
- Rousettus aegyptiacus* (E. Geoffroy St.-Hilaire, 1810)
South Africa: 9 [9].
- Sauromys petrophilus* (Roberts, 1917)
South Africa: 2, Zimbabwe: 1 [3].
- Scotoecus albofuscus* (Thomas, 1890)
South Africa: 2 [2].
- Scotophilus* Leach, 1821
South Africa: 1 [1].
- Scotophilus dinganii* (A. Smith, 1833)
South Africa: 23 [23].
- Scotophilus leucogaster* (Cretzschmar, 1826)
South Africa: 1 [1].
- Scotophilus viridis* (Peters, 1852)
South Africa: 2 [2].

Tadarida aegyptiaca (E. Geoffroy St.-Hilaire, 1818)
 South Africa: 22, Unknown Country: 1 [23].
VESPERTILIONIDAE Gray, 1821
 South Africa: 1 [1].

Total Specimens for DNSM: 456

EBD: Estacion Biologia la Doñana, Seville

Chaerephon tomensis (Juste and Ibáñez, 1993)
 São Tomé and Príncipe: 1 [1].

Total Specimens for EBD: 1

FMNH: Field Museum of Natural History, Chicago

Emballonura atrata Peters, 1874
 Madagascar: 12 [12].
Emballonura tiavato Goodman, Cardiff, Ranivo, Russell, and Yoder, 2006
 Madagascar: 39 [39].
Epomophorus gambianus (Ogilby, 1835)
 Botswana: 1, Mali: 3, Nigeria: 2, Senegal: 1, Zambia: 2 [9].
Epomophorus labiatus (Temminck, 1837)
 Sudan: 5, Tanzania: 6, Uganda: 3 [14].
Epomophorus wahlbergi (Sundevall, 1846)
 Angola: 1, Kenya: 1, Tanzania: 2 [4].
Epomops dobsonii (Bocage, 1889)
 Zambia: 2 [2].
Eptesicus Rafinesque, 1820
 Tanzania: 1 [1].
Hypsugo crassulus (Thomas, 1904)
 Angola: 1, Sudan: 1 [2].
Kerivoula argentata Tomes, 1861
 South Africa: 1 [1].
Laephotis botswanae Setzer, 1971
 Angola: 2, Zimbabwe: 1 [3].
Laephotis wintoni Thomas, 1901
 Tanzania: 1 [1].
Miniopterus africanus Sanborn, 1936
 Ethiopia: 1 [1].
Miniopterus inflatus Thomas, 1903
 Congo (Democratic Republic of the): 1 [1].
Neoromicia capensis (A. Smith, 1829)
 Angola: 1, Botswana: 4, Kenya: 2, Namibia: 7, Sudan: 2, Zambia: 1 [17].
Neoromicia guineensis (Bocage, 1889)
 Senegal: 1, Sudan: 6 [7].
Neoromicia rendalli (Thomas, 1889)
 Congo (Democratic Republic of the): 3, Sudan: 1 [4].
Neoromicia somalicus (Thomas, 1901)
 Angola: 4, Botswana: 1, Cote D'Ivoire: 1, Sudan: 6, Uganda: 1, Zimbabwe: 1 [14].
Neoromicia tenuipinnis (Peters, 1872)
 Liberia: 2, Uganda: 1 [3].
Neoromicia zuluensis (Roberts, 1924)
 Sudan: 1 [1].
Pipistrellus hesperidus (Temminck, 1840)
 Burundi: 1, Kenya: 5, Madagascar: 4, Tanzania: 9, Uganda: 1 [20].
Pipistrellus kuhlii (Kuhl, 1817)
 Algeria: 1, Djibouti: 1, Egypt: 17, Ethiopia: 2, Sudan: 5, Tunisia: 2 [28].
Pipistrellus nanus (Peters, 1852)
 Angola: 3, Congo (Democratic Republic of the): 1, Sudan: 2, Tanzania: 6 [12].
Pipistrellus rueppellii (Fischer, 1829)
 Botswana: 7, Egypt: 4, Sudan: 2, Uganda: 1 [14].
Pipistrellus rusticus (Tomes, 1861)
 Ethiopia: 1, Sudan: 4 [5].
Rhinopoma hardwickii Gray, 1831
 Djibouti: 3, Egypt: 24, Niger: 3, Sudan: 3 [33].
Scotophilus dinganii (A. Smith, 1833)
 Angola: 2 [2].
Scotophilus leucogaster (Cretzschmar, 1826)
 Ethiopia: 1, Sudan: 2 [3].
Scotophilus robustus A. Milne-Edwards, 1881
 Unknown Country: 1 [1].
Scotophilus tandrefana Goodman, Jankins and Ratrimomanarivo, 2005
 Madagascar: 5 [5].
Scotophilus viridis (Peters, 1852)

Mali: 1, Sudan: 1 [2].
Taphozous mauritanus E. Geoffroy St.-Hilaire, 1818
 Zambia: 4 [4].

Total Specimens for FMNH: 265

HNHM: Hungarian Natural History Museum, Budapest

Rhinopoma hardwickii Gray, 1831
 Ethiopia: 1 [1].
Rhinopoma macinnesi Hayman, 1937
 Eritrea: 4, Ethiopia: 1 [5].

Total Specimens for HNHM: 6

HZM: Harrison Institute (formerly Harrison Zoological Museum)

CHIROPTERA Blumenbach, 1779
 Unknown Country: 26 [26].
Cloeotis percivali Thomas, 1901
 Zimbabwe: 2 [2].
Epomophorus gambianus (Ogilby, 1835)
 Botswana: 1, Cote D'Ivoire: 2, Nigeria: 8, Tanzania: 4, The Gambia: 8, Zambia: 18, Zimbabwe: 8 [49].
Epomophorus labiatus (Temminck, 1837)
 Congo (Democratic Republic of the): 1, Malawi: 6, Tanzania: 20, Zambia: 4 [31].
Epomophorus wahlbergi (Sundevall, 1846)
 Angola: 1, Kenya: 6, Malawi: 1, Mozambique: 2, South Africa: 3, Tanzania: 5, Zambia: 3, Zimbabwe: 3 [24].
Eptesicus Rafinesque, 1820
 Tanzania: 3, The Gambia: 2 [5].
Eptesicus hottentotus (A. Smith, 1833)
 Zimbabwe: 1 [1].
Eptesicus serotinus (Schreber, 1774)
 Algeria: 1 [1].
Hypsugo anchietae (de Seabra, 1900)
 Zambia: 4 [4].
Hypsugo savii (Bonaparte, 1837)
 Algeria: 1 [1].
Laephotis botswanae Setzer, 1971
 Zambia: 1 [1].
Laephotis wintoni Thomas, 1901
 Kenya: 1 [1].
Mimetillus moloneyi (Thomas, 1891)
 Congo (Democratic Republic of the): 3, Kenya: 2, Sierra Leone: 1 [6].
Mops (Mops) niveiventris Cabrera and Ruxton, 1926
 Zambia: 7 [7].
Neoromicia capensis (A. Smith, 1829)
 Botswana: 10, Malawi: 1, South Africa: 5, Unknown Country: 1, Zambia: 3, Zimbabwe: 4 [24].
Neoromicia helios (Heller, 1912)
 Kenya: 4 [4].
Neoromicia melckorum (Roberts, 1919)
 Tanzania: 2 [2].
Neoromicia rendalli (Thomas, 1889)
 Congo (Democratic Republic of the): 1, Nigeria: 3, Zambia: 1 [5].
Neoromicia somalicus (Thomas, 1901)
 "Africa": 1, Kenya: 1, Uganda: 2 [4].
Neoromicia tenuipinnis (Peters, 1872)
 Ethiopia: 1 [1].
Neoromicia zuluensis (Roberts, 1924)
 Malawi: 1, Zambia: 3 [4].
Pipistrellus hesperidus (Temminck, 1840)
 Kenya: 1 [1].
Pipistrellus kuhlii (Kuhl, 1817)
 Algeria: 9, Libya: 1, Tunisia: 2 [12].
Pipistrellus nanus (Peters, 1852)
 Congo: 3, Ethiopia: 2, Kenya: 8, Liberia: 4, Nigeria: 4, South Africa: 1, Tanzania: 2, The Gambia: 1, Zambia: 3 [28].
Pipistrellus pipistrellus (Schreber, 1774)
 Algeria: 2 [2].
Pipistrellus rueppellii (Fischer, 1829)
 Egypt: 1, Sudan: 1, Uganda: 2, Zambia: 1, Zimbabwe: 1 [6].
Pipistrellus rusticus (Tomes, 1861)
 Botswana: 2, Zambia: 3, Zimbabwe: 2 [7].
Rhinolophus sakejiensis Cotterill, 2002
 Zambia: 1 [1].
Rhinopoma hardwickii Gray, 1831
 Egypt: 1, Sudan: 8 [9].

- Rhinopoma macinnesi* Hayman, 1937
Kenya: 2 [2].
- Rhinopoma microphyllum* (Brünnich, 1782)
Sudan: 2 [2].
- Tadarida fulminans* (Thomas, 1903)
Zimbabwe: 1 [1].
- Tadarida lobata* (Thomas, 1891)
Zimbabwe: 1 [1].
- Tadarida ventralis* (Heuglin, 1861)
Tanzania: 3 [3].

Total Specimens for HZM: 278

IICA: Instituto de Investigação Científica de Angola

- Eptesicus hottentotus* (A. Smith, 1833)
Angola: 3 [3].

Total Specimens for IICA: 3

KBIN: Koninklijk Belgisch Instituut voor Natuurwetenschappen, Brussels

- Chaerephon ansorgei* (Thomas, 1913)
Rwanda: 1 [1].
- Cloeotis percivali* Thomas, 1901
Congo (Democratic Republic of the): 7 [7].
- Eidolon helvum* (Kerr, 1792)
Rwanda: 6 [6].
- Epomophorus gambianus* (Ogilby, 1835)
Congo (Democratic Republic of the): 1 [1].
- Epomophorus labiatus* (Temminck, 1837)
Burundi: 4, Congo (Democratic Republic of the): 2, Rwanda: 3, Tanzania: 1 [10].
- Epomophorus wahlbergi* (Sundevall, 1846)
"Congo": 1 [1].
- Epomops dobsonii* (Bocage, 1889)
Rwanda: 1 [1].
- Eptesicus Rafinesque*, 1820
Congo (Democratic Republic of the): 7 [7].
- Eptesicus platyops* (Thomas, 1901)
Senegal: 1 [1].
- Hipposideros ruber* (Noack, 1893)
Rwanda: 1 [1].
- Hypsignathus monstrosus* H. Allen, 1862
Congo (Democratic Republic of the): 7 [7].
- Nanonycteris veldkampii* (Jentink, 1888)
Liberia: 1 [1].
- Neoromicia capensis* (A. Smith, 1829)
Congo (Democratic Republic of the): 12, Liberia: 1, Tanzania: 5 [18].
- Neoromicia melckorum* (Roberts, 1919)
Tanzania: 4 [4].
- Neoromicia rendalli* (Thomas, 1889)
Congo (Democratic Republic of the): 1 [1].
- Neoromicia tenuipinnis* (Peters, 1872)
Congo (Democratic Republic of the): 2 [2].
- Nycteris arge* Thomas, 1903
Congo (Democratic Republic of the): 22, Tanzania: 1 [23].
- Nycteris grandis* Peters, 1865
Congo (Democratic Republic of the): 3, Liberia: 1, Tanzania: 1 [5].
- Nycteris hispida* (Schreber, 1774)
Congo (Democratic Republic of the): 74, Tanzania: 4 [78].
- Nycteris intermedia* Aellen, 1959
Congo (Democratic Republic of the): 7 [7].
- Nycteris macrotis* Dobson, 1876
Congo (Democratic Republic of the): 38, Rwanda: 16, Senegal: 3, Tanzania: 2 [59].
- Nycteris major* (K. Andersen, 1912)
Zambia: 1 [1].
- Nycteris nana* (K. Andersen, 1912)
Congo (Democratic Republic of the): 22 [22].
- Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
"Africa": 1, Congo (Democratic Republic of the): 8, Rwanda: 12, South Africa: 1, Tanzania: 6 [28].
- Otomops martiensseni* (Matschie, 1897)
Congo (Democratic Republic of the): 2 [2].
- Pipistrellus kuhlii* (Kuhl, 1817)
"Africa": 1, Algeria: 1, Libya: 1, Sudan: 1 [4].
- Pipistrellus nanus* (Peters, 1852)

Burundi: 1, Congo (Democratic Republic of the): 83, Rwanda: 11, Senegal: 9, Tanzania: 2 [106].
Rhinolophus clivosus Cretzschmar, 1828
 Rwanda: 9 [9].
Rhinopoma hardwickii Gray, 1831
 Egypt: 1 [1].
Rhinopoma microphyllum (Brünnich, 1782)
 Egypt: 1 [1].
Rousettus aegyptiacus (E. Geoffroy St.-Hilaire, 1810)
 Rwanda: 1 [1].
Saccolaimus peli (Temminck, 1853)
 Congo (Democratic Republic of the): 1 [1].
Scotophilus dinganii (A. Smith, 1833)
 Burundi: 2, Congo (Democratic Republic of the): 13, Zambia: 1 [16].
Scotophilus leucogaster (Cretzschmar, 1826)
 Senegal: 9 [9].
Scotophilus nux Thomas, 1904
 Congo (Democratic Republic of the): 3 [3].
Scotophilus viridis (Peters, 1852)
 Senegal: 1 [1].
Tadarida fulminans (Thomas, 1903)
 Rwanda: 1 [1].

Total Specimens for KBIN: 447

KM: Amathola Museum (formerly Kaffarian Museum), King Williams Town

Cistugo lesueuri Roberts, 1919
 Unknown Country: 1 [1].
Cistugo seabrae Thomas, 1912
 South Africa: 8 [8].
Epomophorus angolensis Gray, 1870
 Namibia: 5 [5].
Epomophorus gambianus (Ogilby, 1835)
 Namibia: 1, Zambia: 2, Zimbabwe: 1 [4].
Epomophorus labiatus (Temminck, 1837)
 Malawi: 6, Zambia: 5 [11].
Epomophorus wahlbergi (Sundevall, 1846)
 South Africa: 19 [19].
Eptesicus hottentotus (A. Smith, 1833)
 South Africa: 12, Zambia: 1 [13].
Neoromicia capensis (A. Smith, 1829)
 Namibia: 21, South Africa: 58, Zambia: 15 [94].
Neoromicia zuluensis (Roberts, 1924)
 Namibia: 3 [3].
Nycteris hispida (Schreber, 1774)
 Namibia: 1, Sudan: 2, Zambia: 2 [5].
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818
 Malawi: 3, Namibia: 39, South Africa: 7, Tanzania: 2, Zambia: 14 [65].
Nycteris woodi K. Andersen, 1914
 Malawi: 1, Zambia: 2 [3].
Pipistrellus nanus (Peters, 1852)
 Malawi: 15 [15].
Pipistrellus rusticus (Tomes, 1861)
 Namibia: 2, Zambia: 3 [5].
Rhinolophus blasii Peters, 1867
 Zambia: 2 [2].

Total Specimens for KM: 253

KU: University of Kansas Museum of Natural History

Nycteris hispida (Schreber, 1774)
 Tanzania: 2 [2].
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818
 Botswana: 4, Malawi: 2, Tanzania: 1 [7].
Nycteris woodi K. Andersen, 1914
 Malawi: 1 [1].

Total Specimens for KU: 10

LACM: Natural History Museum of Los Angeles County

Eptesicus hottentotus (A. Smith, 1833)
 Namibia: 5 [5].
Kerivoula argentata Tomes, 1861

Kenya: 1 [1].
Kerivoula lanosa (A. Smith, 1847)
 Kenya: 2 [2].
Kerivoula phalaena Thomas, 1912
 Uganda: 2 [2].
Kerivoula smithii Thomas, 1880
 Uganda: 3 [3].
Mimetillus moloneyi (Thomas, 1891)
 Kenya: 6, Uganda: 3, Zambia: 1 [10].
Tadarida ventralis (Heuglin, 1861)
 Kenya: 1 [1].

Total Specimens for LACM: 24

LNK: Landessammlung für Naturkunde, Karlsruhe

Epomophorus labiatus (Temminck, 1837)
 Tanzania: 12 [12].

Total Specimens for LNK: 12

MCZ: Museum of Comparative Zoology, Harvard University, Cambridge Mass.

Emballonura atrata Peters, 1874
 Madagascar: 13 [13]. [13].
Emballonura tiavato Goodman, Cardiff, Ranivo, Russell, and Yoder, 2006
 Madagascar: 2 [2]. [2].
Epomophorus labiatus (Temminck, 1837)
 Kenya: 1, Sudan: 2, Tanzania: 10 [13]. [13].
Hipposideros curtus G.M. Allen, 1921
 Cameroon: 1 [1]. [1].
Mops (Mops) condylurus (A. Smith, 1833)
 Tanzania: 10 [10]. [10].
Mops (Mops) leucostigma (G.M. Allen, 1918)
 Madagascar: 2 [2]. [2].
Neoromicia capensis (A. Smith, 1829)
 South Africa: 1 [1]. [1].
Neoromicia rendalli (Thomas, 1889)
 Kenya: 1 [1]. [1].
Nycteris arge Thomas, 1903
 Cameroon: 4, Congo (Democratic Republic of the): 2 [6]. [6].
Nycteris madagascariensis G. Grandidier, 1937
 Madagascar: 2 [2]. [2].
Nycteris nana (K. Andersen, 1912)
 Cameroon: 2, Kenya: 1 [3]. [3].
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818
 Tanzania: 4 [4]. [4].
Nycticeinops schlieffenii (Peters, 1859)
 Kenya: 1 [1]. [1].
Rhinopoma hardwickii Gray, 1831
 Egypt: 4 [4]. [4].
Rousettus madagascariensis G. Grandidier, 1929
 Madagascar: 1 [1]. [1].
Scotophilus leucogaster (Cretzschmar, 1826)
 Sudan: 3 [3]. [3].
Triaenops auritus G. Grandidier, 1912
 Madagascar: 1 [1]. [1].

Total Specimens for MCZ: 68

Total Specimens for MCZ: 68

MHNC: Muséum d'Histoire Naturelle de La Chaux-de-Fonds

Laephotis angolensis Monard, 1935
 Angola: 3, Unknown Country: 1 [4].
Pipistrellus inexpectatus Aellen, 1959
 Cameroon: 1 [1].

Total Specimens for MHNC: 5

MHNG: Muséum d'Histoire Naturelle, Genève

Eptesicus Rafinesque, 1820
 Angola: 1 [1].

- Hypsugo musciculus* (Thomas, 1913)
Cameroon: 6 [6].
- Kerivoula argentata* Tomes, 1861
Senegal: 1 [1].
- Kerivoula lanosa* (A. Smith, 1847)
Côte d'Ivoire: 1 [1].
- Miniopterus natalensis* (A. Smith, 1833)
Guinea: 1 [1].
- Neoromicia capensis* (A. Smith, 1829)
Burundi: 1 [1].
- Neoromicia guineensis* (Bocage, 1889)
Ethiopia: 1, Senegal: 2 [3].
- Neoromicia rendalli* (Thomas, 1889)
Chad: 12 [12].
- Neoromicia somalicus* (Thomas, 1901)
Chad: 1, South Africa: 1 [2].
- Neoromicia tenuipinnis* (Peters, 1872)
Burundi: 3, Gabon: 1, Uganda: 1 [5].
- Nycteris arge* Thomas, 1903
Cameroon: 1, Cote D'Ivoire: 1, Côte d'Ivoire: 4 [6].
- Nycteris gambiensis* (K. Andersen, 1912)
Guinea-Bissau: 3, Senegal: 1 [4].
- Nycteris intermedia* Aellen, 1959
Cote D'Ivoire: 3, Côte d'Ivoire: 1, Gabon: 2 [6].
- Nycteris macrotis* Dobson, 1876
Cameroon: 1, Congo: 3, Guinea-Bissau: 1, Rwanda: 1, Senegal: 1 [7].
- Nycteris major* (K. Andersen, 1912)
Cameroon: 2 [2].
- Nycteris nana* (K. Andersen, 1912)
Cote D'Ivoire: 1 [1].
- Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
Angola: 2, Congo (Democratic Republic of the): 2, Senegal: 1 [5].
- Nycteris woodi* K. Andersen, 1914
Cameroon: 1 [1].
- Pipistrellus deserti* Thomas, 1902
Senegal: 1, Sudan: 3 [4].
- Pipistrellus kuhlii* (Kuhl, 1817)
"Africa": 2, Algeria: 1, Egypt: 2, Libya: 1, Tunisia: 2 [8].
- Pipistrellus nanulus* Thomas, 1904
Cameroon: 2, Senegal: 1 [3].
- Pipistrellus nanus* (Peters, 1852)
Burundi: 18, Cameroon: 1, Cote D'Ivoire: 5, Côte d'Ivoire: 5, Tanzania: 15 [44].
- Pipistrellus pipistrellus* (Schreber, 1774)
Algeria: 1 [1].
- Pipistrellus rueppellii* (Fischer, 1829)
Angola: 1, Morocco: 1, Nigeria: 1, Sudan: 1 [4].
- Pipistrellus rusticus* (Tomes, 1861)
Senegal: 2 [2].
- Rhinopoma microphyllum* (Brünnich, 1782)
Egypt: 1 [1].

Total Specimens for MHNG: 132

MIZT: Museo ed Instituto Zoologia, Torino

- Epomophorus labiatus* (Temminck, 1837)
Uganda: 1 [1].
- Nycteris macrotis* Dobson, 1876
"Congo": 1 [1].

Total Specimens for MIZT: 2

MLZA: ?

- Myonycteris (Phygetis) brachycephala* (Bocage, 1889)
São Tomé and Príncipe: 1 [1].

Total Specimens for MLZA: 1

MMK: Macgregor Museum, Kimberly

- CHIROPTERA* Blumenbach, 1779
Unknown Country: 5 [5].
- Eptesicus hottentotus* (A. Smith, 1833)
South Africa: 7 [7].

- MOLOSSIDAE* Gervais, 1856
Unknown Country: 2 [2].
Neoromicia capensis (A. Smith, 1829)
South Africa: 12 [12].
Pipistrellus rueppellii (Fischer, 1829)
South Africa: 1 [1].
Sauromys petrophilus (Roberts, 1917)
South Africa: 14 [14].
Scotophilus Leach, 1821
South Africa: 1 [1].
Tadarida aegyptiaca (E. Geoffroy St.-Hilaire, 1818)
Namibia: 5, South Africa: 3, Unknown Country: 47, Zimbabwe: 2 [57].

Total Specimens for MMK: 99

MNCN: Madrid?

- Hipposideros caffer* (Sundevall, 1846)
Morocco: 1 [1].
Lissonycteris angolensis (Bocage, 1898)
Equatorial Guinea: 2 [2].
Myotis nattereri (Kuhl, 1817)
Spain: 1 [1].

Total Specimens for MNCN: 4

MNHN: Museum National d'Histoire Naturelle, Paris

- Asellia tridens* (E. Geoffroy St.-Hilaire, 1813)
Egypt: 2 [2].
Barbastella barbastellus (Schreber, 1774)
Canary Islands [Spain]: 1 [1].
Emballonura atrata Peters, 1874
Madagascar: 11 [11].
Emballonura tiavato Goodman, Cardiff, Ranivo, Russell, and Yoder, 2006
Madagascar: 1 [1].
Epomophorus gambianus (Ogilby, 1835)
Central African Republic: 4, Ethiopia: 1, Guinea: 1, Mali: 5, Zimbabwe: 2 [13].
Epomophorus minimus Claessen & De Vree, 1991
Ethiopia: 1 [1].
Epomophorus wahlbergi (Sundevall, 1846)
Congo (Democratic Republic of the): 2 [2].
Eptesicus Rafinesque, 1820
Gabon: 1 [1].
Eptesicus bottae (Peters, 1869)
Yemen: 1 [1].
Eptesicus serotinus (Schreber, 1774)
Algeria: 2, Morocco: 1, Tunisia: 1 [4].
Hipposideros lamottei Brosset, 1985
Guinea: 3 [3].
Hypsugo anchietae (de Seabra, 1900)
Angola: 1 [1].
Hypsugo crassulus (Thomas, 1904)
Congo: 1 [1].
Hypsugo eisentrauti (Hill, 1968)
Guinea: 1 [1].
Hypsugo musciculus (Thomas, 1913)
Congo (Democratic Republic of the): 1, Gabon: 1 [2].
Kerivoula lanosa (A. Smith, 1847)
Cote D'Ivoire: 1 [1].
Kerivoula phalaena Thomas, 1912
Cote D'Ivoire: 1 [1].
Lissonycteris petraea Bergmans, 1997
Ethiopia: 1 [1].
Mops (Mops) midas (Sundevall, 1843)
Madagascar: 1 [1].
Myotis dieteri M. Happold, 2005
Congo: 1 [1].
Myzopoda aurita Milne-Edwards and A. Grandidier, 1878
Madagascar: 1 [1].
Neoromicia capensis (A. Smith, 1829)
"Africa": 1, Ethiopia: 3, Madagascar: 4, South Africa: 1, Tanzania: 1, Zimbabwe: 2 [12].
Neoromicia flavescens (de Seabra, 1900)
Angola: 2 [2].
Neoromicia guineensis (Bocage, 1889)

- Guinea: 2 [2].
Neoromicia humbloti (A. Milne-Edwards, 1881)
 Madagascar: 9 [9].
Neoromicia melckorum (Roberts, 1919)
 South Africa: 1 [1].
Neoromicia rendalli (Thomas, 1889)
 Benin: 1, Central African Republic: 1, Mali: 1 [3].
Neoromicia somalicus (Thomas, 1901)
 Sudan: 1 [1].
Neoromicia tenuipinnis (Peters, 1872)
 Central African Republic: 1, Congo: 2, Gabon: 1 [4].
Nycteris gambiensis (K. Andersen, 1912)
 Senegal: 15 [15].
Nycteris grandis Peters, 1865
 Gabon: 2 [2].
Nycteris hispida (Schreber, 1774)
 Gabon: 1 [1].
Nycteris macrotis Dobson, 1876
 Senegal: 23 [23].
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818
 Egypt: 2, Senegal: 9, Somalia: 4 [15].
Otomops madagascariensis Dorst, 1953
 Madagascar: 1 [1].
Pipistrellus kuhlii (Kuhl, 1817)
 Algeria: 6, Cote D'Ivoire: 1, Djibouti: 3, Egypt: 4, Ethiopia: 1, Morocco: 4, Tunisia: 3 [22].
Pipistrellus nanulus Thomas, 1904
 Benin: 1, Gabon: 1 [2].
Pipistrellus nanus (Peters, 1852)
 Central African Republic: 3, Ethiopia: 2, Kenya: 1, Madagascar: 2, Senegal: 7, South Africa: 3, Tanzania: 2, Zimbabwe: 4 [24].
Pipistrellus rueppellii (Fischer, 1829)
 Egypt: 1, Senegal: 3 [4].
Pipistrellus rusticus (Tomes, 1861)
 Madagascar: 1, Senegal: 1, Zimbabwe: 1 [3].
Plecotus E. Geoffroy St.-Hilaire, 1818
 Cape Verde: 1 [1].
Rhinolophus adami Aellen and Brosset, 1968
 Congo: 1 [1].
Rhinolophus maclaudi Pousargues, 1897
 Guinea: 1 [1].
Rhinopoma hardwickii Gray, 1831
 "Africa": 3, Egypt: 4, Morocco: 8, Niger: 1, Senegal: 5, Tunisia: 2 [23].
Rhinopoma microphyllum (Brünnich, 1782)
 "Senegal or Mauritania": 15, Egypt: 2 [17].
Rousettus aegyptiacus (E. Geoffroy St.-Hilaire, 1810)
 Egypt: 1 [1].
Scotophilus borbonicus (E. Geoffroy St.-Hilaire, 1803)
 Madagascar: 3, Unknown Country: 1 [4].
Scotophilus dinganii (A. Smith, 1833)
 Congo: 4, Djibouti: 1 [5].
Scotophilus leucogaster (Cretzschmar, 1826)
 Central African Republic: 12, Senegal: 1 [13].
Scotophilus nigrita (Schreber, 1774)
 Benin: 1, Senegal: 1 [2].
Scotophilus nux Thomas, 1904
 "Congo": 2 [2].
Scotophilus robustus A. Milne-Edwards, 1881
 Madagascar: 3 [3].
Scotophilus tandrefana Goodman, Jenkins and Ratrimomanarivo, 2005
 Madagascar: 1 [1].
Scotophilus viridis (Peters, 1852)
 Cote D'Ivoire: 1 [1].
Tadarida aegyptiaca (E. Geoffroy St.-Hilaire, 1818)
 Egypt: 1 [1].
Taphozous nudiventris Cretzschmar, 1830
 Cape Verde: 6 [6].
Taphozous perforatus E. Geoffroy St.-Hilaire, 1818
 Egypt: 1 [1].
Triaenops furculus Trouessart, 1906
 Madagascar: 1 [1].
Triaenops persicus Dobson, 1871
 Congo: 1 [1].
Triaenops rufus Milne-Edwards, 1881
 Madagascar: 4 [4].

Total Specimens for MNHN: 286

MSB: Museum of Southwestern Biology, Albuquerque

- Casinycteris argynnis* Thomas, 1910
Congo (Democratic Republic of the): 1 [1].
- Chaerephon ansorgei* (Thomas, 1913)
Congo (Democratic Republic of the): 58 [58].
- Chaerephon pumilus* (Cretzschmar, 1826)
Congo (Democratic Republic of the): 103 [103].
- Epomops franqueti* (Tomes, 1860)
Congo (Democratic Republic of the): 1 [1].
- Megaloglossus woermanni* Pagenstecher, 1885
Congo (Democratic Republic of the): 15 [15].
- Micropteropus pusillus* (Peters, 1868)
Congo (Democratic Republic of the): 37 [37].
- Miniopterus minor* Peters, 1867
Congo (Democratic Republic of the): 1 [1].
- Mops (Mops) condylurus* (A. Smith, 1833)
Congo (Democratic Republic of the): 5 [5].
- Mops (Mops) niveiventer* Cabrera and Ruxton, 1926
Congo (Democratic Republic of the): 2 [2].
- Mops (Xiphonycteris) nanulus* J.A. Allen, 1917
Congo (Democratic Republic of the): 6 [6].
- Myopterus whitleyi* (Scharff, 1900)
Congo (Democratic Republic of the): 1 [1].
- Myotis bocagii* (Peters, 1870)
Congo (Democratic Republic of the): 7 [7].
- Neoromicia tenuipinnis* (Peters, 1872)
Congo (Democratic Republic of the): 1 [1].
- Nycteris hispida* (Schreber, 1774)
Congo (Democratic Republic of the): 1 [1].
- Pipistrellus nanus* (Peters, 1852)
Congo (Democratic Republic of the): 1 [1].
- Scotophilus dinganii* (A. Smith, 1833)
Congo (Democratic Republic of the): 10 [10].

Total Specimens for MSB: 250

MSNG: Museo Civico di Storia Naturale "Giacomo Doria"

- Nycteris hispida* (Schreber, 1774)
South Africa: 1 [1].
- Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
Angola: 1, Ethiopia: 1 [2].

Total Specimens for MSNG: 3

MSNM: Museo Civico di Storia Naturale di Milano

- Nycteris macrotis* Dobson, 1876
Somalia: 1 [1].
- Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
Ethiopia: 3, Somalia: 7 [10].

Total Specimens for MSNM: 11

MSU: Michigan State University, Mammal Collection, The Museum

- Epomophorus labiatus* (Temminck, 1837)
Sudan: 7 [7].

Total Specimens for MSU: 7

MTB: Null

- Rousettus aegyptiacus* (E. Geoffroy St.-Hilaire, 1810)
São Tomé and Príncipe: 1 [1].

Total Specimens for MTB: 1

MWSU: Midwestern State University, Dept. Biology, Wichita Falls

- Epomophorus wahlbergi* (Sundevall, 1846)
Kenya: 1, Mozambique: 6 [7].

Total Specimens for MWSU: 7

MZStrassbourg: Museum Stassbourg

Pipistrellus permixtus Aellen, 1957
Tanzania: 1 [1].

Total Specimens for MZStrassbourg: 1

MZUF: Museo Zoologico de "la Specola", Firenze

Epomophorus angolensis Gray, 1870
Angola: 1 [1].
Epomophorus labiatus (Temminck, 1837)
Eritrea: 1 [1].
Epomophorus minimus Claessen & De Vree, 1991
Somalia: 13 [13].
Epomophorus wahlbergi (Sundevall, 1846)
Somalia: 5 [5].
Hypsugo savii (Bonaparte, 1837)
Cape Verde: 4 [4].
Miniopterus schreibersii (Kuhl, 1817)
Cape Verde: 2 [2].
Neoromicia capensis (A. Smith, 1829)
Eritrea: 1, South Africa: 1 [2].
Neoromicia helios (Heller, 1912)
Somalia: 1 [1].
Neoromicia somalicus (Thomas, 1901)
"Africa": 1, Eritrea: 9 [10].
Neoromicia tenuipinnis (Peters, 1872)
Somalia: 2 [2].
Nycteris aurita (K. Andersen, 1912)
Somalia: 6 [6].
Nycteris hispida (Schreber, 1774)
Somalia: 2 [2].
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818
Ethiopia: 15, Somalia: 6 [21].
Pipistrellus kuhlii (Kuhl, 1817)
Cape Verde: 1 [1].
Pipistrellus rusticus (Tomes, 1861)
Ethiopia: 1, Somalia: 1 [2].
Rhinopoma hardwickii Gray, 1831
Somalia: 10 [10].
Rhinopoma macinnesi Hayman, 1937
Somalia: 15 [15].

Total Specimens for MZUF: 98

NAU: Northern Arizona University, Museum of Verteb.

Neoromicia helios (Heller, 1912)
Kenya: 10 [10].

Total Specimens for NAU: 10

NHMZ: Natural History Museum of Zimbabwe, Bulawayo

Chaerephon nigeriae Thomas, 1913
Zambia: 2 [2].
CHIROPTERA Blumenbach, 1779
Mozambique: 1, Zimbabwe: 6 [7].
Cloeotis percivali Thomas, 1901
Zambia: 11, Zimbabwe: 60 [71].
Eidolon helvum (Kerr, 1792)
Zambia: 1 [1].
Epomophorus gambianus (Ogilby, 1835)
Zambia: 1, Zimbabwe: 1 [2].
Epomophorus labiatus (Temminck, 1837)
Tanzania: 1, Zambia: 11 [12].
Epomophorus wahlbergi (Sundevall, 1846)
Zambia: 3 [3].
Epomops dobsonii (Bocage, 1889)
Zambia: 12 [12].
Eptesicus hottentotus (A. Smith, 1833)
Namibia: 2, Zimbabwe: 17 [19].

- Glauconycteris variegata* (Tomes, 1861)
Zambia: 3 [3].
- Hipposideros caffer* (Sundevall, 1846)
Zimbabwe: 456 [456].
- Hipposideros commersoni* (E. Geoffroy St.-Hilaire, 1813)
Botswana: 17, Mozambique: 6, Zambia: 30, Zimbabwe: 126 [179].
- Hypsugo anchietae* (de Seabra, 1900)
Ethiopia: 1, Zambia: 1, Zimbabwe: 1 [3].
- Kerivoula lanosa* (A. Smith, 1847)
Zambia: 1 [1].
- Laephotis botswanae* Setzer, 1971
Botswana: 1, Zambia: 2, Zimbabwe: 7 [10].
- Lavia frons* (E. Geoffroy St.-Hilaire, 1810)
Zambia: 1 [1].
- Lissonycteris angolensis* (Bocage, 1898)
Zambia: 1 [1].
- Lissonycteris goliath* Bergmans, 1997
Zimbabwe: 1 [1].
- Mimetillus moloneyi* (Thomas, 1891)
Mozambique: 1, Zambia: 1 [2].
- Mops (Mops) condylurus* (A. Smith, 1833)
Malawi: 7, Zambia: 1, Zimbabwe: 32 [40].
- Mops (Mops) midas* (Sundevall, 1843)
Zimbabwe: 33 [33].
- Mops (Mops) niveiventer* Cabrera and Ruxton, 1926
Zambia: 12 [12].
- Myonycteris (Myonycteris) torquata* (Dobson, 1878)
Zambia: 1 [1].
- Neoromicia capensis* (A. Smith, 1829)
Botswana: 9, Zambia: 2, Zimbabwe: 14 [31].
- Neoromicia melckorum* (Roberts, 1919)
Zambia: 2 [2].
- Neoromicia zuluensis* (Roberts, 1924)
Namibia: 11, Zambia: 1, Zimbabwe: 2 [14].
- Nycteris grandis* Peters, 1865
Zambia: 1 [1].
- Nycteris hispida* (Schreber, 1774)
Zambia: 3 [3].
- Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
Zambia: 33 [33].
- Nycteris woodi* K. Andersen, 1914
Zambia: 8 [8].
- Nycticeinops schlieffenii* (Peters, 1859)
Unknown Country: 1, Zambia: 6 [7].
- Pipistrellus hesperidus* (Temminck, 1840)
Zimbabwe: 1 [1].
- Pipistrellus nanus* (Peters, 1852)
Botswana: 1, Mozambique: 5, Zambia: 12, Zimbabwe: 27 [45].
- Pipistrellus rueppellii* (Fischer, 1829)
Zambia: 3, Zimbabwe: 1 [4].
- Pipistrellus rusticus* (Tomes, 1861)
Botswana: 9, Zimbabwe: 9 [18].
- Rhinolophus blasii* Peters, 1867
Zambia: 1 [1].
- Rhinolophus sakejiensis* Cotterill, 2002
Zambia: 2 [2].
- Rhinolophus swinnyi* Gough, 1908
Zambia: 9 [9].
- Rousettus aegyptiacus* (E. Geoffroy St.-Hilaire, 1810)
Zambia: 4 [4].
- Sauromys petrophilus* (Roberts, 1917)
South Africa: 2 [2].
- Scotophilus* Leach, 1821
Unknown Country: 41, Zimbabwe: 2 [43].
- Scotophilus viridis* (Peters, 1852)
South Africa: 3 [3].
- Tadarida fulminans* (Thomas, 1903)
Zimbabwe: 55 [55].
- Tadarida lobata* (Thomas, 1891)
Kenya: 1, Zimbabwe: 4 [5].
- Tadarida ventralis* (Heuglin, 1861)
Zimbabwe: 3 [3].
- Taphozous mauritanus* E. Geoffroy St.-Hilaire, 1818
Zambia: 1 [1].
- Triaenops persicus* Dobson, 1871
Mozambique: 7, Zambia: 1, Zimbabwe: 1 [9].

Total Specimens for NHMZ: 1176

NM: Durban Natural Science Museum, Durban (Pringle Collection)

- Chaerephon nigeriae* Thomas, 1913
South Africa: 1 [1].
- Neoromicia capensis* (A. Smith, 1829)
South Africa: 3 [3].
- Pipistrellus nanus* (Peters, 1852)
South Africa: 1 [1].
- Tadarida aegyptiaca* (E. Geoffroy St.-Hilaire, 1818)
South Africa: 6 [6].

Total Specimens for NM: 11

NMB: National Museum of Bloemfontein, Bloemfontein

- Cistugo lesueuri* Roberts, 1919
Lesotho: 47, South Africa: 16, Unknown Country: 2 [65].
- Eidolon helvum* (Kerr, 1792)
South Africa: 7, Unknown Country: 1 [8].
- Epomophorus wahlbergi* (Sundevall, 1846)
South Africa: 1 [1].
- Eptesicus hottentotus* (A. Smith, 1833)
Lesotho: 5, South Africa: 1 [6].
- Hipposideros* Gray, 1831
Swaziland: 1 [1].
- Hipposideros caffer* (Sundevall, 1846)
Swaziland: 4 [4].
- Laephotis wintoni* Thomas, 1901
Lesotho: 5, South Africa: 2 [7].
- Miniopterus natalensis* (A. Smith, 1833)
Lesotho: 2, South Africa: 145 [147].
- Myotis tricolor* (Temminck, 1832)
Lesotho: 10, South Africa: 10 [20].
- Myotis welwitschii* (Gray, 1866)
South Africa: 1 [1].
- Neoromicia capensis* (A. Smith, 1829)
Lesotho: 12, South Africa: 283, Swaziland: 2, WP: 1 [298].
- Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
South Africa: 5, Unknown Country: 1 [6].
- Pipistrellus* Kaup, 1829
South Africa: 1 [1].
- Pipistrellus nanus* (Peters, 1852)
Swaziland: 7 [7].
- Rhinolophus clivosus* Cretzschmar, 1828
Lesotho: 21, South Africa: 118 [139].
- Rhinolophus darlingi* K. Andersen, 1905
Lesotho: 2, South Africa: 1 [3].
- Rhinolophus denti* Thomas, 1904
South Africa: 18 [18].
- Scotophilus dinganii* (A. Smith, 1833)
South Africa: 1, Swaziland: 4 [5].
- Tadarida aegyptiaca* (E. Geoffroy St.-Hilaire, 1818)
South Africa: 95 [95].

Total Specimens for NMB: 832

NMBE: Naturhistorisches Museum, Bern

- Coleura afra* (Peters, 1852)
Guinea-Bissau: 2 [2].
- Epomophorus labiatus* (Temminck, 1837)
Tanzania: 2 [2].
- Mops (Mops) condylurus* (A. Smith, 1833)
Guinea-Bissau: 3 [3].
- Neoromicia tenuipinnis* (Peters, 1872)
"Africa": 7 [7].
- Nycteris hispida* (Schreber, 1774)
Sierra Leone: 2 [2].
- Nycteris macrotis* Dobson, 1876
Guinea-Bissau: 1 [1].
- Pipistrellus nanus* (Peters, 1852)
Sierra Leone: 4 [4].

Total Specimens for NMBE: 21

NMK: National Museum of Kenya, Nairobi

Myotis bocagii (Peters, 1870)
Kenya: 6 [6].

Total Specimens for NMK: 6

NMP: National Museum (Natural History), Prague

Plecotus teneriffae Barrett-Hamilton, 1907
Libya: 7 [7].

Total Specimens for NMP: 7

NMW: Naturhistorisches Museum, Wien

Epomophorus gambianus (Ogilby, 1835)
Tanzania: 1 [1].

Epomophorus labiatus (Temminck, 1837)
Congo (Democratic Republic of the): 1, Ethiopia: 1, Tanzania: 1, Uganda: 1 [4].

Epomophorus minimus Claessen & De Vree, 1991
Ethiopia: 1 [1].

Kerivoula argentata Tomes, 1861
Tanzania: 1 [1].

Kerivoula lanosa (A. Smith, 1847)
Ethiopia: 1 [1].

Kerivoula smithii Thomas, 1880
Congo (Democratic Republic of the): 3 [3].

Laephotis botswanae Setzer, 1971
Tanzania: 1 [1].

Neoromicia guineensis (Bocage, 1889)
Sudan: 1 [1].

Nycteris arge Thomas, 1903
Congo (Democratic Republic of the): 1 [1].

Nycteris grandis Peters, 1865
Congo (Democratic Republic of the): 1 [1].

Nycteris hispida (Schreber, 1774)
Congo (Democratic Republic of the): 3, Guinea: 1, Sudan: 29, Tanzania: 1 [34].

Nycteris macrotis Dobson, 1876
Senegal: 6, Sudan: 6 [12].

Nycteris thebaica E. Geoffroy St.-Hilaire, 1818
"Africa": 1, Egypt: 1, Kenya: 1, Namibia: 3, South Africa: 3, Sudan: 3 [12].

Pipistrellus nanus (Peters, 1852)
Mozambique: 1 [1].

Pipistrellus rueppellii rueppellii (Fischer, 1829)
Sudan: 1 [1].

Plecotus teneriffae Barrett-Hamilton, 1907
Libya: 17, Morocco: 12 [29].

Total Specimens for NMW: 104

NMZL: National Museum of Zambia, Livingstone

Rousettus aegyptiacus (E. Geoffroy St.-Hilaire, 1810)
Zambia: 2 [2].

Total Specimens for NMZL: 2

NRM: Naturhistoriska Riksmuseet Stockholm

Epomophorus wahlbergi (Sundevall, 1846)
Kenya: 2, South Africa: 2 [4].

Pipistrellus kuhlii (Kuhl, 1817)
Tunisia: 2 [2].

Pipistrellus nanus (Peters, 1852)
Kenya: 14 [14].

Rhinolophus capensis Lichtenstein, 1823
South Africa: 1 [1].

Total Specimens for NRM: 21

NZM: Null

Mops (Mops) niveiventer Cabrera and Ruxton, 1926
Zambia: 1 [1].

Total Specimens for NZM: 1

OSU: Oklahoma State University, Stillwater

Epomophorus gambianus (Ogilby, 1835)
Congo (Democratic Republic of the): 1 [1].
Epomophorus minimus Claessen & De Vree, 1991
Ethiopia: 4 [4].
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818
Ethiopia: 3, South Africa: 1 [4].

Total Specimens for OSU: 9

Rennes: University of Rennes

Myopterus whitleyi (Scharff, 1900)
Central African Republic: 1 [1].

Total Specimens for Rennes: 1

RMCA: Royal Museum of Central Africa, Tervuren

Casinycteris argynnis Thomas, 1910
Congo (Democratic Republic of the): 1 [1].
Chaerephon ansorgei (Thomas, 1913)
Cameroon: 31, Congo (Democratic Republic of the): 61, Rwanda: 11 [103].
Chaerephon pumilus (Cretzschmar, 1826)
Congo (Democratic Republic of the): 102 [102].
CHIROPTERA Blumenbach, 1779
Rwanda: 2, Unknown Country: 25 [27].
Cloeotis percivali Thomas, 1901
Zambia: 2 [2].
Eidolon helvum (Kerr, 1792)
Rwanda: 4 [4].
Epomophorus gambianus (Ogilby, 1835)
Cameroon: 69, Congo (Democratic Republic of the): 10, Zambia: 1 [80].
Epomophorus labiatus (Temminck, 1837)
Burundi: 1, Congo (Democratic Republic of the): 35, Rwanda: 101 [137].
Epomophorus minimus Claessen & De Vree, 1991
Kenya: 2 [2].
Epomophorus wahlbergi (Sundevall, 1846)
Congo (Democratic Republic of the): 12, Kenya: 5 [17].
Epomops franqueti (Tomes, 1860)
Congo (Democratic Republic of the): 1 [1].
Eptesicus Rafinesque, 1820
Congo (Democratic Republic of the): 3, Senegal: 1 [4].
Glauconycteris argentata (Dobson, 1875)
Rwanda: 1 [1].
Glauconycteris superba Hayman, 1939
Congo (Democratic Republic of the): 1 [1].
Hipposideros camerunensis Eisentraut, 1956
Cameroon: 5 [5].
Hipposideros commersoni (E. Geoffroy St.-Hilaire, 1813)
Cameroon: 5, Guinea-Bissau: 2, Rwanda: 1 [8].
Hipposideros cyclops (Temminck, 1853)
Cameroon: 9 [9].
Hipposideros jonesi Hayman, 1947
Cameroon: 1 [1].
Hipposideros ruber (Noack, 1893)
Cameroon: 21, Rwanda: 15 [36].
Hypsugo crassulus (Thomas, 1904)
Congo (Democratic Republic of the): 2, Côte d'Ivoire: 1 [3].
Hypsugo musciculus (Thomas, 1913)
Congo (Democratic Republic of the): 1 [1].
Laephotis botswanae Setzer, 1971
Congo (Democratic Republic of the): 6 [6].
Lavia frons (E. Geoffroy St.-Hilaire, 1810)
Rwanda: 6 [6].
Megaloglossus woermanni Pagenstecher, 1885
Cameroon: 44, Congo (Democratic Republic of the): 16 [60].
Micropteropus pusillus (Peters, 1868)

- Congo (Democratic Republic of the): 38 [38].
Mimetillus moloneyi (Thomas, 1891)
 Congo (Democratic Republic of the): 1 [1].
Miniopterus minor Peters, 1867
 Congo (Democratic Republic of the): 1 [1].
Mops (Mops) condylurus (A. Smith, 1833)
 Cameroon: 2, Congo (Democratic Republic of the): 4, Guinea-Bissau: 3 [9].
Mops (Mops) niveiventer Cabrera and Ruxton, 1926
 Congo (Democratic Republic of the): 1, Rwanda: 9 [10].
Mops (Xiphonycteris) nanulus J.A. Allen, 1917
 Congo (Democratic Republic of the): 17 [17].
Mops (Xiphonycteris) spurrelli (Dollman, 1911)
 Congo (Democratic Republic of the): 12, Togo: 4 [16].
Mops (Xiphonycteris) thersites (Thomas, 1903)
 Cameroon: 1, Congo (Democratic Republic of the): 1 [2].
Myopterus whiteleyi (Scharff, 1900)
 Congo (Democratic Republic of the): 1 [1].
Myotis bocagii (Peters, 1870)
 Congo (Democratic Republic of the): 8, Rwanda: 4 [12].
Myotis welwitschii (Gray, 1866)
 Rwanda: 1 [1].
Neoromicia brunneus (Thomas, 1880)
 Cameroon: 1, Cote D'Ivoire: 3, Côte d'Ivoire: 4 [8].
Neoromicia capensis (A. Smith, 1829)
 Congo: 1, Congo (Democratic Republic of the): 10, Zambia: 1 [12].
Neoromicia guineensis (Bocage, 1889)
 Cameroon: 4, Congo (Democratic Republic of the): 1 [5].
Neoromicia rendalli (Thomas, 1889)
 Cameroon: 5, Congo (Democratic Republic of the): 46, Togo: 3, Uganda: 1 [55].
Neoromicia somalicus (Thomas, 1901)
 Cameroon: 4, Congo (Democratic Republic of the): 7, Rwanda: 2, Togo: 3 [16].
Neoromicia tenuipinnis (Peters, 1872)
 Cameroon: 1, Congo: 1, Congo (Democratic Republic of the): 65, Cote D'Ivoire: 5, Côte d'Ivoire: 1, Gabon: 2, Liberia: 1, Rwanda: 2 [78].
Nycteris arge Thomas, 1903
 "Africa": 1, Cameroon: 5, Congo (Democratic Republic of the): 42, Liberia: 1 [49].
Nycteris gambiensis (K. Andersen, 1912)
 Guinea-Bissau: 2, Togo: 6 [8].
Nycteris grandis Peters, 1865
 Cameroon: 2, Congo (Democratic Republic of the): 11, Cote D'Ivoire: 4, Liberia: 1, Togo: 1 [19].
Nycteris hispida (Schreber, 1774)
 "Africa": 3, Cameroon: 176, Congo (Democratic Republic of the): 109, Côte d'Ivoire: 5, Equatorial Guinea: 1, Rwanda: 7, Senegal: 1, Togo: 46 [348].
Nycteris intermedia Aellen, 1959
 Cameroon: 2, Congo (Democratic Republic of the): 3 [5].
Nycteris macrotis Dobson, 1876
 "Africa": 5, Cameroon: 12, Congo (Democratic Republic of the): 27, Cote D'Ivoire: 1, Côte d'Ivoire: 1, Guinea-Bissau: 1, Rwanda: 19, Togo: 16, Unknown Country: 3 [85].
Nycteris nana (K. Andersen, 1912)
 Cameroon: 1, Congo (Democratic Republic of the): 8 [9].
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818
 Cameroon: 12, Congo (Democratic Republic of the): 7, Kenya: 3, Niger: 1, Rwanda: 2, Tanzania: 2 [27].
Otomops martiensseni (Matschie, 1897)
 Rwanda: 1 [1].
Pipistrellus hesperidus (Temminck, 1840)
 Congo (Democratic Republic of the): 1, Rwanda: 3 [4].
Pipistrellus kuhlii (Kuhl, 1817)
 Algeria: 1 [1].
Pipistrellus nanulus Thomas, 1904
 Cameroon: 3, Côte d'Ivoire: 1, Togo: 1 [5].
Pipistrellus nanus (Peters, 1852)
 "Africa": 3, Burundi: 4, Cameroon: 78, Congo: 7, Congo (Democratic Republic of the): 629, Cote D'Ivoire: 29, Côte d'Ivoire: 31, Kenya: 15, Liberia: 1, Rwanda: 81, Senegal: 2, Tanzania: 37, Togo: 2 [919].
Pipistrellus rueppellii (Fischer, 1829)
 Cameroon: 22, Congo (Democratic Republic of the): 6, Uganda: 3 [31].
Pipistrellus rusticus (Tomes, 1861)
 Cameroon: 3, Congo (Democratic Republic of the): 2 [5].
Rhinolophus clivosus Cretzschmar, 1828
 Rwanda: 4 [4].
Rhinopoma hardwickii Gray, 1831
 Chad: 2, Niger: 25 [27].
Rhinopoma microphyllum (Brünnich, 1782)
 Cameroon: 3 [3].
Rousettus lanosus Thomas, 1906
 Rwanda: 7 [7].
Saccolaimus peli (Temminck, 1853)

- Cameroon: 1 [1].
Scotonycteris zenkeri Matschie, 1894
 Cameroon: 8 [8].
Scotophilus dinganii (A. Smith, 1833)
 Burundi: 2, Congo (Democratic Republic of the): 66, Ethiopia: 2, Togo: 7 [77].
Scotophilus leucogaster (Cretzschmar, 1826)
 Cameroon: 93, Togo: 14 [107].
Scotophilus nigrita (Schreber, 1774)
 Congo (Democratic Republic of the): 5, Togo: 1 [6].
Scotophilus nux Thomas, 1904
 Congo (Democratic Republic of the): 4, Côte d'Ivoire: 36 [40].
Scotophilus viridis (Peters, 1852)
 Cameroon: 16 [16].
Tadarida fulminans (Thomas, 1903)
 Rwanda: 15 [15].
Tadarida ventralis (Heuglin, 1861)
 Congo (Democratic Republic of the): 1 [1].
Taphozous mauritanicus E. Geoffroy St.-Hilaire, 1818
 Rwanda: 3 [3].

Total Specimens for RMCA: 2730

RMNH: National Natuurhistorisch Museum, Leiden

- Epomophorus angolensis* Gray, 1870
 Angola: 1 [1].
Epomophorus gambianus (Ogilby, 1835)
 Nigeria: 8 [8].
Epomophorus labiatus (Temminck, 1837)
 Congo (Democratic Republic of the): 1, Ethiopia: 1, Kenya: 1, Sudan: 1, Tanzania: 39 [43].
Epomophorus wahlbergi (Sundevall, 1846)
 Kenya: 24, Tanzania: 2 [26].
Miniopterus natalensis (A. Smith, 1833)
 South Africa: 1 [1].
Myonycteris (Myonycteris) relicta Bergmans, 1980
 Kenya: 1 [1].
Nycteris arge Thomas, 1903
 Liberia: 1 [1].
Nycteris grandis Peters, 1865
 Ghana: 1, Liberia: 1, Tanzania: 1 [3].
Nycteris hispida (Schreber, 1774)
 Congo (Democratic Republic of the): 2, Kenya: 1, Liberia: 1 [4].
Nycteris intermedia Aellen, 1959
 Congo (Democratic Republic of the): 1 [1].
Nycteris macrotis Dobson, 1876
 Congo (Democratic Republic of the): 2, Ghana: 3, Kenya: 1, Tanzania: 1 [7].
Nycteris nana (K. Andersen, 1912)
 Congo (Democratic Republic of the): 1 [1].
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818
 "Africa": 2, Egypt: 1, Ethiopia: 1, Kenya: 3, Mozambique: 1, Tanzania: 19, Unknown Country: 2 [29].
Pipistrellus nanus (Peters, 1852)
 Liberia: 1 [1].
Rhinolophus alcyone Temminck, 1853
 Ghana: 1 [1].
Rhinopoma hardwickii Gray, 1831
 Egypt: 1 [1].
Rhinopoma microphyllum (Brünnich, 1782)
 Egypt: 3 [3].
Scotophilus borbonicus (E. Geoffroy St.-Hilaire, 1803)
 Reunion: 1 [1].
Scotophilus dinganii (A. Smith, 1833)
 Angola: 1, Congo (Democratic Republic of the): 1, Eritrea: 1, Ghana: 2, Kenya: 18, South Africa: 1, Tanzania: 1 [25].
Scotophilus leucogaster (Cretzschmar, 1826)
 Nigeria: 1, Sudan: 2 [3].
Scotophilus nigrita (Schreber, 1774)
 Kenya: 2 [2].
Scotophilus viridis (Peters, 1852)
 Kenya: 27 [27].

Total Specimens for RMNH: 190

ROM: Royal Ontario Museum, Toronto

- CHIROPTERA* Blumenbach, 1779
 Kenya: 3, Zimbabwe: 7 [10].

- Cloeotis percivali* Thomas, 1901
South Africa: 2, Zambia: 1, Zimbabwe: 22 [25].
- Emballonura atrata* Peters, 1874
Madagascar: 1 [1].
- Epomophorus gambianus* (Ogilby, 1835)
Sierra Leone: 1 [1].
- Epomophorus labiatus* (Temminck, 1837)
Kenya: 9, Sudan: 1, Tanzania: 8, Uganda: 1 [19].
- Epomophorus minimus* Claessen & De Vree, 1991
Ethiopia: 35, Kenya: 15 [50].
- Epomophorus wahlbergi* (Sundevall, 1846)
Kenya: 8, Tanzania: 1 [9].
- Eptesicus hottentotus* (A. Smith, 1833)
Kenya: 4, Zimbabwe: 2 [6].
- Glauconycteris curryae* Eger and Smith, 2001
Cameroon: 1 [1].
- Hipposideros caffer* (Sundevall, 1846)
Zimbabwe: 79 [79].
- Hipposideros curtus* G.M. Allen, 1921
Cameroon: 9 [9].
- Hypsugo crassulus* (Thomas, 1904)
Kenya: 7, Uganda: 2 [9].
- Hypsugo eisentrauti* (Hill, 1968)
Cote D'Ivoire: 2 [2].
- Hypsugo musciculus* (Thomas, 1913)
Cameroon: 1 [1].
- Laephotis wintoni* Thomas, 1901
Kenya: 2 [2].
- Mimetillus moloneyi* (Thomas, 1891)
Cameroon: 13, Kenya: 12, Sudan: 2, Uganda: 2 [29].
- Miniopterus gleni* Peterson, Eger and Mitchell, 1995
Madagascar: 1 [1].
- Neoromicia flavescens* (de Seabra, 1900)
Cameroon: 1 [1].
- Neoromicia helios* (Heller, 1912)
Kenya: 41, Sudan: 1, Uganda: 1 [43].
- Neoromicia malagasyensis* (Peterson, Eger and Mitchell, 1995)
Madagascar: 1 [1].
- Neoromicia matroka* (Thomas and Schwann, 1905)
Madagascar: 24 [24].
- Neoromicia somalicus* (Thomas, 1901)
Kenya: 3 [3].
- Neoromicia tenuipinnis* (Peters, 1872)
Kenya: 14 [14].
- Neoromicia zuluensis* (Roberts, 1924)
Kenya: 40 [40].
- Nycteris arge* Thomas, 1903
Cameroon: 9, Cote D'Ivoire: 1, Ghana: 2, Uganda: 1 [13].
- Nycteris aurita* (K. Andersen, 1912)
Kenya: 3 [3].
- Nycteris gambiensis* (K. Andersen, 1912)
Ghana: 1 [1].
- Nycteris grandis* Peters, 1865
Cameroon: 11 [11].
- Nycteris hispida* (Schreber, 1774)
"Africa": 1, Ethiopia: 1, Kenya: 4, Sudan: 3, Uganda: 3 [12].
- Nycteris macrotis* Dobson, 1876
Ghana: 1, Kenya: 5 [6].
- Nycteris nana* (K. Andersen, 1912)
Cameroon: 4, Uganda: 1 [5].
- Pipistrellus* Kaup, 1829
South Africa: 1 [1].
- Pipistrellus deserti* Thomas, 1902
Burkina Faso: 1, Nigeria: 1, Sudan: 5 [7].
- Pipistrellus inexpectatus* Aellen, 1959
Nigeria: 1 [1].
- Pipistrellus nanus* (Peters, 1852)
Cameroon: 1, Ghana: 16, Zimbabwe: 2 [19].
- Rhinopoma macinnesi* Hayman, 1937
Kenya: 34 [34].
- Rhinopoma microphyllum* (Brünnich, 1782)
Sudan: 13 [13].
- Scotophilus dinganii* (A. Smith, 1833)
Ghana: 7, Kenya: 32, Sierra Leone: 1, South Africa: 5, Uganda: 11 [56].
- Scotophilus leucogaster* (Cretzschmar, 1826)
Kenya: 8, Tanzania: 1, Uganda: 10 [19].

Scotophilus nux Thomas, 1904
 Cameroon: 2, Kenya: 5 [7].
Scotophilus viridis (Peters, 1852)
 Kenya: 1, Uganda: 1 [2].
Tadarida fulminans (Thomas, 1903)
 Kenya: 1 [1].
Tadarida ventralis (Heuglin, 1861)
 Kenya: 31 [31].
Triaenops persicus Dobson, 1871
 Mozambique: 8 [8].

Total Specimens for ROM: 630

SAMC: Transvaal Museum, Pretoria

CHIROPTERA Blumenbach, 1779
 "Africa": 1, South Africa: 3, Unknown Country: 7 [11]. [11].
Cistugo lesueuri Roberts, 1919
 South Africa: 2 [2]. [2].
Eptesicus hottentotus (A. Smith, 1833)
 South Africa: 6 [6]. [6].
Kerivoula lanosa (A. Smith, 1847)
 South Africa: 5, Unknown Country: 3 [8]. [8].
Laephotis namibensis Setzer, 1971
 Namibia: 1, South Africa: 2 [3]. [3].
Miniopterus Bonaparte, 1837
 South Africa: 2, Unknown Country: 1 [3]. [3].
Myotis tricolor (Temminck, 1832)
 South Africa: 1 [1]. [1].
Neoromicia capensis (A. Smith, 1829)
 South Africa: 3, Unknown Country: 12 [15]. [15].
Nycteris hispida (Schreber, 1774)
 South Africa: 1 [1]. [1].
Sauromys petrophilus (Roberts, 1917)
 Namibia: 1, South Africa: 1, Zimbabwe: 1 [3]. [3].
Scotophilus Leach, 1821
 South Africa: 2 [2]. [2].
Scotophilus dinganii (A. Smith, 1833)
 South Africa: 2 [2]. [2].
VESPERTILIONIDAE Gray, 1821
 South Africa: 6 [6]. [6].
Vespertilioninae Gray, 1821
 South Africa: 7 [7]. [7].

Total Specimens for SAMC: 70

Total Specimens for SAMC: 70

SMF: Senckenberg Museum, Frankfurt

Chaerephon pumilus (Cretzschmar, 1826)
 Eritrea: 1 [1].
CHIROPTERA Blumenbach, 1779
 Burundi: 1, Tanzania [=former Tanganyika]: 1, Unknown Country: 34 [36].
Cloeotis percivali Thomas, 1901
 Congo (Democratic Republic of the): 5, Zambia: 2 [7].
Epomophorus gambianus (Ogilby, 1835)
 Burkina Faso: 2, Cameroon: 1, Central African Republic: 2, Ethiopia: 13, Niger: 3, Sudan: 1 [22].
Epomophorus labiatus (Temminck, 1837)
 Burundi: 3, Chad: 1, Congo (Democratic Republic of the): 8, Ethiopia: 5, Kenya: 1, Sudan: 7, Tanzania: 10 [35].
Epomophorus minimus Claessen & De Vree, 1991
 Ethiopia: 19 [19].
Epomophorus wahlbergi (Sundevall, 1846)
 Congo (Democratic Republic of the): 1, Kenya: 8, Tanzania: 7, Tanzania [=former Tanganyika]: 7 [23].
Eptesicus hottentotus (A. Smith, 1833)
 Namibia: 1 [1].
Glauconycteris argentata (Dobson, 1875)
 Congo (Democratic Republic of the): 1 [1].
Hypsugo anchietae (de Seabra, 1900)
 Zambia: 1 [1].
Hypsugo crassulus (Thomas, 1904)
 Congo (Democratic Republic of the): 5 [5].
Hypsugo eisentrauti (Hill, 1968)
 Rwanda: 1 [1].
Kerivoula africana Dobson, 1878

- Tanzania: 2 [2].
- Kerivoula argentata* Tomes, 1861
Congo (Democratic Republic of the): 2, Tanzania: 3 [5].
- Kerivoula cuprosa* Thomas, 1912
Cote D'Ivoire: 1 [1].
- Kerivoula lanosa* (A. Smith, 1847)
Unknown Country: 1 [1].
- Kerivoula phalaena* Thomas, 1912
Congo (Democratic Republic of the): 1, Cote D'Ivoire: 3 [4].
- Laephotis botswanae* Setzer, 1971
Congo (Democratic Republic of the): 3 [3].
- Laephotis wintoni* Thomas, 1901
Tanzania: 1 [1].
- Mops (Mops) midas* (Sundevall, 1843)
Botswana: 1, Sudan: 1 [2].
- Myotis bocagii* (Peters, 1870)
Burundi: 1, Cameroon: 1, Congo (Democratic Republic of the): 4, Ethiopia: 1, Ghana: 2, Kenya: 2, Tanzania: 14 [25].
- Neoromicia capensis* (A. Smith, 1829)
Botswana: 1, Ethiopia: 1, Kenya: 1, Namibia: 3, Tanzania: 4 [10].
- Neoromicia flavescens* (de Seabra, 1900)
Burundi: 2 [2].
- Neoromicia guineensis* (Bocage, 1889)
Burkina Faso: 4, Chad: 2, Ethiopia: 5 [11].
- Neoromicia somalicus* (Thomas, 1901)
Ethiopia: 2, Sudan: 2, Tanzania: 3, Uganda: 1 [8].
- Neoromicia zuluensis* (Roberts, 1924)
Ethiopia: 2, Kenya: 1 [3].
- Nycteris arge* Thomas, 1903
Congo (Democratic Republic of the): 1 [1].
- Nycteris aurita* (K. Andersen, 1912)
Ethiopia: 1 [1].
- Nycteris gambiensis* (K. Andersen, 1912)
Guinea: 3 [3].
- Nycteris grandis* Peters, 1865
Congo (Democratic Republic of the): 1, Kenya: 1, Tanzania: 1, Tanzania [=former Tanganyika]: 1, Zambia: 1 [5].
- Nycteris hispida* (Schreber, 1774)
Burkina Faso: 1, Burundi: 1, Chad: 5, Congo (Democratic Republic of the): 2, Ethiopia: 3, Kenya: 3, Sudan: 30 [45].
- Nycteris intermedia* Aellen, 1959
Congo (Democratic Republic of the): 1 [1].
- Nycteris macrotis* Dobson, 1876
Burundi: 2, Congo (Democratic Republic of the): 3, Ethiopia: 2, Kenya: 1, Sudan: 1, Tanzania: 2, Tanzania [=former Tanganyika]: 1 [12].
- Nycteris nana* (K. Andersen, 1912)
Kenya: 4 [4].
- Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
Botswana: 2, Congo (Democratic Republic of the): 3, Egypt: 14, Ethiopia: 6, Kenya: 4, Namibia: 3, South Africa: 3, Sudan: 3, Tanzania: 36, Tanzania [=former Tanganyika]: 17, Zambia: 3 [94].
- Pipistrellus hesperidus* (Temminck, 1840)
Ethiopia: 1, Kenya: 1, Tanzania: 4 [6].
- Pipistrellus kuhlii* (Kuhl, 1817)
Egypt: 3, Ethiopia: 6, Morocco: 3, Tunisia: 3 [15].
- Pipistrellus nanus* (Peters, 1852)
Burundi: 1, Congo (Democratic Republic of the): 3, Ethiopia: 7, Liberia: 3, South Africa: 1, Sudan: 3, Tanzania: 9, Uganda: 2, Zambia: 2 [31].
- Pipistrellus rueppellii* (Fischer, 1829)
Sudan: 3, Uganda: 2 [5].
- Pipistrellus rusticus* (Tomes, 1861)
Burkina Faso: 2, Ethiopia: 2, Sudan: 2 [6].
- Platymops setiger* (Peters, 1878)
Kenya: 3 [3].
- Rhinolophus capensis* Lichtenstein, 1823
South Africa: 8 [8].
- Rhinolophus clivosus* Cretzschmar, 1828
Saudi-Arabia: 1 [1].
- Rhinolophus fumigatus* Rüppell, 1842
Ethiopia: 2, Kenya: 2 [4].
- Rhinolophus hildebrandtii* Peters, 1878
Congo (Democratic Republic of the): 13, Mozambique: 1, Tanzania: 13, Tanzania [=former Tanganyika]: 2, Tanzania [=former Tanganyika]: 1 [30].
- Rhinolophus maendeleo* Kock, Csorba and Howell, 2000
Tanzania: 1 [1].
- Rhinolophus simulator* K. Andersen, 1904
Congo (Democratic Republic of the): 30, Ethiopia: 2, Malawi: 1, South Africa: 10, Tanzania: 2, Zambia: 1 [46].
- Rhinopoma hardwickii* Gray, 1831
Algeria: 1, Burkina Faso: 4, Egypt: 43, Ethiopia: 20, Sudan: 26 [94].
- Rhinopoma macinnesi* Hayman, 1937

- Kenya: 2 [2].
Rhinopoma microphyllum (Brünnich, 1782)
 Burkina Faso: 2, Egypt: 8, Sudan: 1 [11].
Sauromys petrophilus (Roberts, 1917)
 Namibia: 1 [1].
Scotophilus dinganii (A. Smith, 1833)
 Congo (Democratic Republic of the): 1, Ethiopia: 1, Kenya: 13, Namibia: 2, South Africa: 1 [18].
Scotophilus leucogaster (Cretzschmar, 1826)
 Sudan: 73 [73].
Scotophilus nigrita (Schreber, 1774)
 Sudan: 3 [3].
Scotophilus viridis (Peters, 1852)
 Ethiopia: 2, Kenya: 1 [3].
Taphozous mauritanus E. Geoffroy St.-Hilaire, 1818
 Burundi: 1, Cote D'Ivoire: 3, Kenya: 4, Madagascar: 1, Nigeria: 1, Sudan: 5, Tanzania: 10, Tanzania [=former
 Tanganyika]: 27 [52].
Taphozous nudiventris Cretzschmar, 1830
 Egypt: 1 [1].

Total Specimens for SMF: 810

SMG: Steve Goodman collectors number

- CHIROPTERA* Blumenbach, 1779
 Unknown Country: 24 [24].

Total Specimens for SMG: 24

SMNS: Staatliches Museum für Naturkunde, Stuttgart

- Chaerephon ansorgei* (Thomas, 1913)
 Cameroon: 1, Nigeria: 1 [2].
Chaerephon major (Trouessart, 1897)
 Nigeria: 4 [4].
Epomophorus gambianus (Ogilby, 1835)
 Ethiopia: 2, The Gambia: 1 [3].
Epomophorus labiatus (Temminck, 1837)
 Congo (Democratic Republic of the): 2, Ethiopia: 4, Sudan: 23, Tanzania: 6 [35].
Epomophorus minimus Claessen & De Vree, 1991
 Ethiopia: 12 [12].
Epomophorus wahlbergi (Sundevall, 1846)
 Kenya: 1, South Africa: 3, Sudan: 2, Tanzania: 8 [14].
Epomops franqueti (Tomes, 1860)
 Nigeria: 1 [1].
Hipposideros ruber (Noack, 1893)
 Nigeria: 2 [2].
Micropteropus intermedius Hayman, 1963
 Cameroon: 1 [1].
Miniopterus natalensis (A. Smith, 1833)
 Cameroon: 1 [1].
Neoromicia capensis (A. Smith, 1829)
 Nigeria: 1 [1].
Nycteris arge Thomas, 1903
 Cameroon: 4, Sudan: 2 [6].
Nycteris gambiensis (K. Andersen, 1912)
 Guinea: 7 [7].
Nycteris macrotis Dobson, 1876
 Sudan: 7 [7].
Nycteris major (K. Andersen, 1912)
 Cameroon: 2 [2].
Nycteris nana (K. Andersen, 1912)
 Sudan: 2 [2].
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818
 "Africa": 1, Botswana: 2, Egypt: 2, Guinea: 4, Kenya: 1, Namibia: 5, Sudan: 3, Tanzania: 1, Zimbabwe: 1 [20].
Pipistrellus hesperidus (Temminck, 1840)
 Nigeria: 2 [2].
Rhinolophus clivosus Cretzschmar, 1828
 Eritrea: 1 [1].
Rhinolophus fumigatus Rüppell, 1842
 Ethiopia: 3 [3].
Rhinolophus hipposideros (Bechstein, 1800)
 Eritrea: 1 [1].
Rhinopoma hardwickii Gray, 1831
 Egypt: 5 [5].
Tadarida aegyptiaca (E. Geoffroy St.-Hilaire, 1818)

Cameroon: 2 [2].

Total Specimens for SMNS: 134

SMTD: Staatliches Museum für Tierkunde, Dresden

Nycteris hispida (Schreber, 1774)

Malawi: 1 [1].

Nycteris thebaica E. Geoffroy St.-Hilaire, 1818

Egypt: 1, Tanzania: 1 [2].

Total Specimens for SMTD: 3

SMW: ?

Epomophorus angolensis Gray, 1870

Namibia: 5 [5].

Epomophorus gambianus (Ogilby, 1835)

Namibia: 1 [1].

Total Specimens for SMW: 6

SNP: Null

CHIROPTERA Blumenbach, 1779

Unknown Country: 1 [1].

Total Specimens for SNP: 1

SRSITE: Null

CHIROPTERA Blumenbach, 1779

South Africa: 1 [1].

Total Specimens for SRSITE: 1

TM: Transvaal Museum, Pretoria

Cardioderma cor (Peters, 1872)

Tanzania: 4 [4].

Chaerephon ansorgei (Thomas, 1913)

South Africa: 14, Zimbabwe: 6 [20].

Chaerephon chapini J.A. Allen, 1917

Zimbabwe: 4 [4].

Chaerephon nigeriae Thomas, 1913

Namibia: 3, South Africa: 3, Zimbabwe: 2 [8].

Chaerephon pumilus (Cretzschmar, 1826)

"Africa": 1, Botswana: 1, Malawi: 1, Mozambique: 19, South Africa: 443, Swaziland: 18, Zimbabwe: 1 [484].

CHIROPTERA Blumenbach, 1779

Botswana: 2, Malawi: 1, South Africa: 3, Swaziland: 3, Tanzania: 1, Unknown Country: 6, Zimbabwe: 1 [17].

Cistugo lesueuri Roberts, 1919

South Africa: 9 [9].

Cistugo seabrae Thomas, 1912

Namibia: 16, South Africa: 4 [20].

Cloeotis percivali Thomas, 1901

South Africa: 19, Swaziland: 3, Unknown Country: 2, Zimbabwe: 22 [46].

Coleura afra (Peters, 1852)

Tanzania: 3 [3].

Eidolon helvum (Kerr, 1792)

Congo (Democratic Republic of the): 18, South Africa: 6, Zambia: 1 [25].

Epomophorus Bennett, 1836

Namibia: 3 [3].

Epomophorus angolensis Gray, 1870

Namibia: 1 [1].

Epomophorus gambianus (Ogilby, 1835)

Botswana: 1, Malawi: 3, Mozambique: 5, Namibia: 8, South Africa: 68, Swaziland: 1, Zambia: 1, Zimbabwe: 2 [89].

Epomophorus labiatus (Temminck, 1837)

Malawi: 4 [4].

Epomophorus wahlbergi (Sundevall, 1846)

Malawi: 1, Mozambique: 2, Namibia: 3, South Africa: 84, Swaziland: 12, Tanzania: 2, Unknown Country: 1, Zimbabwe: 4 [109].

Eptesicus hottentotus (A. Smith, 1833)

Malawi: 1, Namibia: 26, South Africa: 25 [52].

Glauconycteris variegata (Tomes, 1861)

South Africa: 13, Zimbabwe: 1 [14].

- Hipposideros* Gray, 1831
Namibia: 1 [1].
- Hipposideros abae* J.A. Allen, 1917
Congo (Democratic Republic of the): 1 [1].
- Hipposideros caffer* (Sundevall, 1846)
Botswana: 1, Mozambique: 19, Namibia: 9, South Africa: 183, Swaziland: 4, Tanzania: 7, Unknown Country: 9, Zambia: 1, Zimbabwe: 44 [277].
- Hipposideros commersoni* (E. Geoffroy St.-Hilaire, 1813)
Botswana: 6, Mozambique: 1, Namibia: 5, South Africa: 5, Tanzania: 1, Zambia: 2, Zimbabwe: 1 [21].
- Hipposideros ruber* (Noack, 1893)
Malawi: 1, Tanzania: 4 [5].
- Hypsignathus monstrosus* H. Allen, 1862
"Africa": 2, Congo (Democratic Republic of the): 6 [8].
- Hypsugo anchietae* (de Seabra, 1900)
South Africa: 5, Swaziland: 1 [6].
- Kerivoula* Gray, 1842
South Africa: 1 [1].
- Kerivoula argentata* Tomes, 1861
Malawi: 2, South Africa: 5 [7].
- Kerivoula lanosa* (A. Smith, 1847)
Mozambique: 1, South Africa: 8 [9].
- Laephotis botswanae* Setzer, 1971
Malawi: 1, South Africa: 7, Zimbabwe: 1 [9].
- Laephotis namibensis* Setzer, 1971
Namibia: 6, South Africa: 2 [8].
- Lavia frons* (E. Geoffroy St.-Hilaire, 1810)
Kenya: 1, Somalia: 6, Tanzania: 1 [8].
- Lissonycteris angolensis* (Bocage, 1898)
Tanzania: 1 [1].
- Miniopterus* Bonaparte, 1837
Mozambique: 2, Namibia: 1, South Africa: 2 [5].
- Miniopterus fraterculus* Thomas and Schwann, 1906
South Africa: 63, Swaziland: 1 [64].
- Miniopterus inflatus* Thomas, 1903
Malawi: 1, Zimbabwe: 4 [5].
- Miniopterus natalensis* (A. Smith, 1833)
Botswana: 2, Crete: 1, Ethiopia: 1, Malawi: 3, Mozambique: 3, Namibia: 19, South Africa: 435, Swaziland: 2, Zambia: 2, Zimbabwe: 8 [476].
- MOLOSSIDAE** Gervais, 1856
Mozambique: 3, Namibia: 3, South Africa: 21, Unknown Country: 6, Zimbabwe: 1 [34].
- Molossinae* Gervais, 1856
South Africa: 1 [1].
- Mops* Lesson, 1842
South Africa: 3 [3].
- Mops (Mops) condylurus* (A. Smith, 1833)
Malawi: 6, Mozambique: 35, South Africa: 307, Swaziland: 15, Zimbabwe: 1 [364].
- Mops (Mops) midas* (Sundevall, 1843)
Namibia: 6, South Africa: 47 [53].
- Myopterus whitleyi* (Scharff, 1900)
Congo (Democratic Republic of the): 1 [1].
- Myotis* Kaup, 1829
South Africa: 1 [1].
- Myotis bocagii* (Peters, 1870)
South Africa: 18 [18].
- Myotis tricolor* (Temminck, 1832)
South Africa: 131, Swaziland: 1, Zimbabwe: 6 [138].
- Myotis welwitschii* (Gray, 1866)
South Africa: 4, Zimbabwe: 1 [5].
- Neoromicia capensis* (A. Smith, 1829)
Botswana: 2, Lesotho: 2, Malawi: 4, Namibia: 22, South Africa: 806, Swaziland: 19, Unknown Country: 3, Zimbabwe: 1, Zimbabwe: 15 [874].
- Neoromicia cf. melckorum* Roberts, 1919
South Africa: 4 [4].
- Neoromicia flavescens* (de Seabra, 1900)
Malawi: 2 [2].
- Neoromicia melckorum* (Roberts, 1919)
Namibia: 2, South Africa: 20, Zimbabwe: 3 [25].
- Neoromicia rendalli* (Thomas, 1889)
Zimbabwe: 2 [2].
- Neoromicia zuluensis* (Roberts, 1924)
Botswana: 2, Namibia: 4, South Africa: 46, Swaziland: 2, Zambia: 1 [55].
- Nycteris* G. Cuvier and E. Geoffroy, 1795
Namibia: 5, South Africa: 3, Unknown Country: 38, Zimbabwe: 1 [47].
- Nycteris grandis* Peters, 1865
Congo (Democratic Republic of the): 2, Zimbabwe: 1 [3].
- Nycteris hispida* (Schreber, 1774)

- Namibia: 1, Tanzania: 1 [2].
Nycteris macrotis Dobson, 1876
 Congo (Democratic Republic of the): 4, Malawi: 1 [5].
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818
 Botswana: 1, Mozambique: 13, Namibia: 43, South Africa: 237, Swaziland: 5, Tanzania: 1, Unknown Country: 11,
 Zimbabwe: 35 [346].
Nycteris woodi K. Andersen, 1914
 South Africa: 9, Zambia: 2, Zimbabwe: 5 [16].
Nycticeinops schlieffenii (Peters, 1859)
 Botswana: 4, Mozambique: 2, Namibia: 1, South Africa: 290, Swaziland: 2, Zimbabwe: 7 [306].
Otomops martiensseni (Matschie, 1897)
 South Africa: 24 [24].
Pipistrellus hesperidus (Temminck, 1840)
 South Africa: 40, Swaziland: 4, Tanzania: 1, Zimbabwe: 7 [52].
Pipistrellus inexpectatus Aellen, 1959
 Malawi: 1 [1].
Pipistrellus nanus (Peters, 1852)
 Malawi: 8, Mozambique: 4, South Africa: 235, Swaziland: 1, Tanzania: 1, Zimbabwe: 25 [274].
Pipistrellus rueppellii (Fischer, 1829)
 Botswana: 2, South Africa: 8 [10].
Pipistrellus rusticus (Tomes, 1861)
 South Africa: 351, Zimbabwe: 1 [352].
Pteropus rufus E. Geoffroy St.-Hilaire, 1803
 Madagascar: 2 [2].
Rhinolophus Lacépède, 1799
 South Africa: 65, Unknown Country: 92, Zambia: 2 [159].
Rhinolophus blasii Peters, 1867
 Botswana: 1, Malawi: 2, South Africa: 58, Zimbabwe: 1 [62].
Rhinolophus capensis Lichtenstein, 1823
 South Africa: 37 [37].
Rhinolophus clivosus Cretzschmar, 1828
 "Africa": 2, Ethiopia: 1, Malawi: 3, Mozambique: 7, Namibia: 1, South Africa: 307, Swaziland: 6, Unknown Country: 18,
 Zimbabwe: 7 [352].
Rhinolophus darlingi K. Andersen, 1905
 Malawi: 1, Namibia: 14, South Africa: 111, Swaziland: 3, Zimbabwe: 5 [134].
Rhinolophus denti Thomas, 1904
 South Africa: 121 [121].
Rhinolophus fumigatus Rüppell, 1842
 Namibia: 5, South Africa: 17, Zimbabwe: 1 [23].
Rhinolophus hildebrandtii Peters, 1878
 Malawi: 2, South Africa: 56, Unknown Country: 3, Zambia: 1, Zimbabwe: 28 [90].
Rhinolophus landeri Martin, 1838
 Malawi: 1, South Africa: 4, Zimbabwe: 19 [24].
Rhinolophus simulator K. Andersen, 1904
 South Africa: 184, Swaziland: 4, Unknown Country: 1, Zimbabwe: 8 [197].
Rhinolophus swinnyi Gough, 1908
 South Africa: 30, Zimbabwe: 1 [31].
Rousettus aegyptiacus (E. Geoffroy St.-Hilaire, 1810)
 Mozambique: 2, South Africa: 268, Zimbabwe: 25 [295].
Sauromys petrophilus (Roberts, 1917)
 Botswana: 5, Mozambique: 4, Namibia: 94, South Africa: 100, Zimbabwe: 5 [208].
Scotoecus hindei Thomas, 1901
 Malawi: 4 [4].
Scotophilus Leach, 1821
 Botswana: 1, Mozambique: 2, South Africa: 160, Zimbabwe: 3 [166].
Scotophilus dinganii (A. Smith, 1833)
 Malawi: 2, Mozambique: 5, Namibia: 1, South Africa: 375, Swaziland: 4, Unknown Country: 1, Zimbabwe: 17 [405].
Scotophilus leucogaster (Cretzschmar, 1826)
 South Africa: 3, Zimbabwe: 2 [5].
Scotophilus viridis (Peters, 1852)
 Mozambique: 2, South Africa: 97, Swaziland: 1, Zimbabwe: 20 [120].
Tadarida aegyptiaca (E. Geoffroy St.-Hilaire, 1818)
 "Africa": 1, Botswana: 2, Mozambique: 6, Namibia: 55, South Africa: 246, Swaziland: 3, Zimbabwe: 4 [317].
Tadarida fulminans (Thomas, 1903)
 Namibia: 1, South Africa: 3, Zimbabwe: 22 [26].
Taphozous mauritanus E. Geoffroy St.-Hilaire, 1818
 South Africa: 44 [44].
Triaenops persicus Dobson, 1871
 Mozambique: 18, Unknown Country: 15, Zimbabwe: 1 [34].
 VESPERTILIONIDAE Gray, 1821
 South Africa: 1 [1].
Vespertilioninae Gray, 1821
 South Africa: 5 [5].

Total Specimens for TM: 7704

UADBA: Université d'Antananarivo, Département de Biologie Animale, Antananarivo

- Emballonura tiavato* Goodman, Cardiff, Ranivo, Russell, and Yoder, 2006
Madagascar: 3 [3].
Scotophilus tandrefana Goodman, Jankins and Ratrimomanarivo, 2005
Madagascar: 2, Unknown Country: 1 [3].

Total Specimens for UADBA: 6

UANK: Ukrainian Academy of Science, Kiev

- Plecotus teneriffae* Barrett-Hamilton, 1907
Algeria: 2 [2].

Total Specimens for UANK: 2

UCT: South African Museum, Cape Town (University of Cape Town Collection Number)

- CHIROPTERA* Blumenbach, 1779
Unknown Country: 1 [1].

Total Specimens for UCT: 1

UIA: University of Antwerp

- Chaerephon pumilus* (Cretzschmar, 1826)
Tanzania: 3 [3].
Epomophorus wahlbergi (Sundevall, 1846)
Tanzania: 3 [3].
Miniopterus natalensis (A. Smith, 1833)
Tanzania: 1 [1].
Myotis welwitschii (Gray, 1866)
Tanzania: 6 [6].
Nycteris macrotis Dobson, 1876
Congo (Democratic Republic of the): 1 [1].
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818
Tanzania: 3 [3].
Rhinolophus clivosus Cretzschmar, 1828
Tanzania: 1 [1].
Rhinolophus hildebrandtii Peters, 1878
Tanzania: 1 [1].
Rousettus aegyptiacus (E. Geoffroy St.-Hilaire, 1810)
Tanzania: 5 [5].
Rousettus lanosus Thomas, 1906
Tanzania: 1 [1].
Scotophilus dinganii (A. Smith, 1833)
Tanzania: 1 [1].

Total Specimens for UIA: 26

USNM: United States National Museum, Washington

- Emballonura atrata* Peters, 1874
Madagascar: 2 [2].
Epomophorus gambianus (Ogilby, 1835)
Benin: 47, Botswana: 15, Burkina Faso: 35, Chad: 2, Cote D'Ivoire: 5, Ethiopia: 10, Ghana: 72, Mozambique: 4, Niger: 1, Nigeria: 48, Senegal: 7, The Gambia: 6, Togo: 5, Zimbabwe: 3 [260].
Epomophorus labiatus (Temminck, 1837)
Congo (Democratic Republic of the): 2, Ethiopia: 3, Kenya: 33, Sudan: 6, Tanzania: 3, Uganda: 7 [54].
Epomophorus minimus Claessen & De Vree, 1991
Ethiopia: 46, Kenya: 1, Uganda: 2 [49].
Epomophorus wahlbergi (Sundevall, 1846)
Angola: 1, Gabon: 16, Kenya: 25, Mozambique: 20, Somalia: 1, South Africa: 7, Tanzania: 1, Zimbabwe: 1 [72].
Eptesicus hottentotus (A. Smith, 1833)
Kenya: 1, Mozambique: 5, Namibia: 3, South Africa: 2 [11].
Hypsugo eisentrauti (Hill, 1968)
Cote D'Ivoire: 2 [2].
Hypsugo musciculus (Thomas, 1913)
Sierra Leone: 1 [1].
Hypsugo savii (Bonaparte, 1837)
Benin: 1, Cape Verde: 2, Morocco: 1 [4].
Kerivoula lanosa (A. Smith, 1847)
Botswana: 1 [1].
Laephotis botswanae Setzer, 1971
Botswana: 1 [1].

- Laephotis namibensis* Setzer, 1971
Namibia: 2 [2].
- Miniopterus natalensis* (A. Smith, 1833)
Kenya: 1 [1].
- Neoromicia brunneus* (Thomas, 1880)
Cote D'Ivoire: 5, Ghana: 2, Sierra Leone: 2 [9].
- Neoromicia capensis* (A. Smith, 1829)
Benin: 1, Botswana: 18, Kenya: 6, Lesotho: 9 [34].
- Neoromicia guineensis* (Bocage, 1889)
Benin: 1, Burkina Faso: 2, Cote D'Ivoire: 4, Ghana: 1 [8].
- Neoromicia helios* (Heller, 1912)
Kenya: 1 [1].
- Neoromicia melckorum* (Roberts, 1919)
Mozambique: 2, South Africa: 9 [11].
- Neoromicia rendalli* (Thomas, 1889)
Benin: 1, Botswana: 1, Ghana: 2, Kenya: 1, Niger: 1, Nigeria: 1, Sierra Leone: 2, Tanzania: 1 [10].
- Neoromicia somalicus* (Thomas, 1901)
Benin: 2, Botswana: 2, Burkina Faso: 1, Ghana: 8, Kenya: 1, Nigeria: 1, Sierra Leone: 3, Sudan: 1, Uganda: 5 [24].
- Neoromicia tenuipinnis* (Peters, 1872)
Congo (Democratic Republic of the): 2, Cote D'Ivoire: 6, Ethiopia: 1, Gabon: 1, Ghana: 14, Kenya: 4, Liberia: 2, Nigeria: 1, Sierra Leone: 5 [36].
- Nycteris arge* Thomas, 1903
Cameroon: 3, Cote D'Ivoire: 6, Côte d'Ivoire: 3, Ghana: 8, Kenya: 1 [21].
- Nycteris aurita* (K. Andersen, 1912)
Kenya: 6, Sudan: 1 [7].
- Nycteris gambiensis* (K. Andersen, 1912)
Benin: 63, Burkina Faso: 138, Cote D'Ivoire: 19, Ghana: 132, Nigeria: 34, Senegal: 54, The Gambia: 19, Togo: 5 [464].
- Nycteris grandis* Peters, 1865
Cameroon: 1, Congo (Democratic Republic of the): 1, Cote D'Ivoire: 2, Ghana: 12, Togo: 4, Zimbabwe: 1 [21].
- Nycteris hispida* (Schreber, 1774)
Benin: 38, Botswana: 4, Burkina Faso: 141, Cameroon: 1, Chad: 2, Congo (Democratic Republic of the): 2, Cote D'Ivoire: 13, Côte d'Ivoire: 1, Ethiopia: 8, Gabon: 3, Ghana: 90, Kenya: 4, Mauritania: 52, Nigeria: 22, Senegal: 21, Somalia: 1, Sudan: 9, Togo: 3 [415].
- Nycteris intermedia* Aellen, 1959
Cameroon: 1, Ghana: 1 [2].
- Nycteris macrotis* Dobson, 1876
Angola: 1, Benin: 7, Botswana: 1, Burkina Faso: 87, Cameroon: 15, Chad: 2, Cote D'Ivoire: 9, Ghana: 229, Kenya: 10, Niger: 1, Nigeria: 18, Senegal: 75, Sierra Leone: 2, Sudan: 2, Tanzania: 2, The Gambia: 23, Togo: 7 [491].
- Nycteris major* (K. Andersen, 1912)
Cote D'Ivoire: 1 [1].
- Nycteris nana* (K. Andersen, 1912)
Ghana: 1, Kenya: 2 [3].
- Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
"Africa": 1, Benin: 2, Botswana: 68, Burkina Faso: 131, Egypt: 39, Ghana: 1, Kenya: 20, Morocco: 19, Mozambique: 63, Namibia: 13, Niger: 1, Nigeria: 30, South Africa: 13, Tanzania: 4, Zimbabwe: 15 [420].
- Nycteris woodi* K. Andersen, 1914
Mozambique: 1 [1].
- Pipistrellus aero* Heller, 1912
Kenya: 3 [3].
- Pipistrellus deserti* Thomas, 1902
Algeria: 1 [1].
- Pipistrellus hesperidus* (Temminck, 1840)
Kenya: 3 [3].
- Pipistrellus inexpectatus* Aellen, 1959
Benin: 2, Ghana: 1, Kenya: 1, Sierra Leone: 1 [5].
- Pipistrellus kuhlii* (Kuhl, 1817)
Algeria: 5, Morocco: 10 [15].
- Pipistrellus nanulus* Thomas, 1904
Benin: 2, Burkina Faso: 1, Cameroon: 1, Ghana: 3, Kenya: 2, Sierra Leone: 5 [14].
- Pipistrellus nanus* (Peters, 1852)
Benin: 11, Botswana: 5, Burkina Faso: 1, Congo (Democratic Republic of the): 3, Cote D'Ivoire: 2, Ghana: 5, Kenya: 6, Liberia: 4, Mozambique: 17, Nigeria: 3, Senegal: 1, Sierra Leone: 6, South Africa: 3, Tanzania: 2, Togo: 5, Uganda: 1, Zimbabwe: 5 [80].
- Pipistrellus pipistrellus* (Schreber, 1774)
Libya: 1 [1].
- Pipistrellus rueppellii* (Fischer, 1829)
Mauritania: 1, Morocco: 1, Nigeria: 1, Sudan: 3 [6].
- Pipistrellus rusticus* (Tomes, 1861)
Botswana: 1 [1].
- Rhinopoma hardwickii* Gray, 1831
Mauritania: 26, Morocco: 55 [81].
- Rhinopoma microphyllum* (Brünnich, 1782)
Mauritania: 29, Morocco: 4 [33].
- Scotophilus dinganii* (A. Smith, 1833)
Botswana: 20, Ghana: 18 [38].
- Scotophilus leucogaster* (Cretzschmar, 1826)

Senegal: 17 [17].
Scotophilus nigrita (Schreber, 1774)
 Ghana: 1 [1].
Scotophilus nucella Robbins, 1984
 Ghana: 1 [1].
Scotophilus viridis (Peters, 1852)
 Ghana: 34 [34].

Total Specimens for USNM: 2773

WNMU: Western New Mexico University, Silver City

Epomophorus labiatus (Temminck, 1837)
 Kenya: 3 [3].
Epomophorus minimus Claessen & De Vree, 1991
 Kenya: 3 [3].
Epomophorus wahlbergi (Sundevall, 1846)
 Kenya: 3, South Africa: 14 [17].

Total Specimens for WNMU: 23

YPM: Yale Peabody Museum

Pipistrellus hesperidus (Temminck, 1840)
 Kenya: 2 [2].
Pipistrellus nanus (Peters, 1852)
 Angola: 3, Zambia: 1 [4].

Total Specimens for YPM: 6

ZFMK: Zoologisches Forschungsinstitut und Museum Alexander Koenig, Bonn

Chaerephon major (Trouessart, 1897)
 Nigeria: 4 [4].
Epomophorus gambianus (Ogilby, 1835)
 "Africa": 1, Senegal: 3 [4].
Epomophorus labiatus (Temminck, 1837)
 Tanzania: 8 [8].
Epomophorus wahlbergi (Sundevall, 1846)
 Tanzania: 15 [15].
Hipposideros ruber (Noack, 1893)
 Cameroon: 2, Nigeria: 1 [3].
Hypsugo eisentrauti (Hill, 1968)
 Cameroon: 2 [2].
Lissonycteris angolensis (Bocage, 1898)
 Nigeria: 1 [1].
Micropteropus intermedius Hayman, 1963
 Cameroon: 1 [1].
Neoromicia capensis (A. Smith, 1829)
 Botswana: 4, Ethiopia: 2, Zambia: 1 [7].
Neoromicia guineensis (Bocage, 1889)
 Ethiopia: 6 [6].
Neoromicia rendalli (Thomas, 1889)
 Sudan: 1 [1].
Neoromicia somalicus (Thomas, 1901)
 Namibia: 1 [1].
Neoromicia tenuipinnis (Peters, 1872)
 Cameroon: 1 [1].
Neoromicia zuluensis (Roberts, 1924)
 Ethiopia: 3, Namibia: 1 [4].
Nycteris arge Thomas, 1903
 Cameroon: 3, Congo (Democratic Republic of the): 3 [6].
Nycteris aurita (K. Andersen, 1912)
 Tanzania: 9 [9].
Nycteris gambiensis (K. Andersen, 1912)
 Guinea: 2, Senegal: 2 [4].
Nycteris grandis Peters, 1865
 Cameroon: 2 [2].
Nycteris hispida (Schreber, 1774)
 Cameroon: 28, Ethiopia: 7, Senegal: 8, Sudan: 2 [45].
Nycteris macrotis Dobson, 1876
 British East Africa: 1, Cameroon: 10, Ethiopia: 1, Guinea: 1, Senegal: 10, Tanzania: 16, Zambia: 1 [40].
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818
 Botswana: 4, Guinea: 1, Namibia: 16, Senegal: 10, South Africa: 3, Tanzania: 18 [52].
Pipistrellus Kaup, 1829

- Egypt: 1 [1].
Pipistrellus kuhlii (Kuhl, 1817)
 Algeria: 6, Cameroon: 2, Ethiopia: 1, Tunisia: 8 [17].
Pipistrellus nanulus Thomas, 1904
 Equatorial Guinea: 1 [1].
Pipistrellus nanus (Peters, 1852)
 Cameroon: 4, Tanzania: 12 [16].
Pipistrellus rueppellii (Fischer, 1829)
 Egypt: 1, Sudan: 2, Tunisia: 1 [4].
Pipistrellus rusticus (Tomes, 1861)
 Ethiopia: 3 [3].
Rhinolophus simulator K. Andersen, 1904
 Nigeria: 2 [2].
Rhinolophus ziama Fahr, Vierhaus, Hutterer and Kock, 2002
 Guinea: 1 [1].
Rhinopoma hardwickii Gray, 1831
 Algeria: 1 [1].
Rousettus obliviosus Kock, 1978
 Comoro Islands: 1 [1].
Scotophilus dinganii (A. Smith, 1833)
 Botswana: 3, Ethiopia: 2, Namibia: 8, Sierra Leone: 1, Tanzania: 2 [16].
Scotophilus viridis (Peters, 1852)
 Ethiopia: 16, Tanzania: 1 [17].
Tadarida aegyptiaca (E. Geoffroy St.-Hilaire, 1818)
 Cameroon: 2 [2].

Total Specimens for ZFMK: 298

ZMA: Zoologisch Museum, Amsterdam

- Epomophorus anelli* Bergmans and Van Strien, 2004
 Malawi: 3 [3].
Eptesicus hottentotus (A. Smith, 1833)
 South Africa: 3 [3].
Hypsugo anchietae (de Seabra, 1900)
 Congo: 1 [1].
Neoromicia capensis (A. Smith, 1829)
 South Africa: 8 [8].
Neoromicia melckorum (Roberts, 1919)
 South Africa: 2 [2].
Neoromicia rendalli (Thomas, 1889)
 Kenya: 6 [6].
Neoromicia somalicus (Thomas, 1901)
 Nigeria: 3 [3].
Pipistrellus nanus (Peters, 1852)
 Gabon: 4, Kenya: 8 [12].
Pipistrellus rueppellii (Fischer, 1829)
 Egypt: 3, Sudan: 10, Tanzania: 3 [16].
Scotophilus dinganii (A. Smith, 1833)
 Congo: 32, Congo (Democratic Republic of the): 1, Kenya: 5, Nigeria: 13 [51].
Scotophilus leucogaster (Cretzschmar, 1826)
 Botswana: 1, Chad: 25, Nigeria: 2 [28].
Scotophilus nigrita (Schreber, 1774)
 Nigeria: 1 [1].
Scotophilus viridis (Peters, 1852)
 Kenya: 8, Nigeria: 2 [10].

Total Specimens for ZMA: 144

ZMB: Zoologisches Museum Berlin

- Asellia tridens* (E. Geoffroy St.-Hilaire, 1813)
 Egypt: 8, Unknown country: 1 [9].
Cardioderma cor (Peters, 1872)
 Egypt: 1, Ethiopia: 1, Kenya: 2, Uganda: 2, Unknown country: 2 [8].
Chaerephon aloysiisabaudiae (Festa, 1907)
 Uganda: 1 [1].
Chaerephon bivittatus (Heuglin, 1861)
 Ethiopia: 1, Tanzania: 3 [4].
Chaerephon nigeriae Thomas, 1913
 Cameroon: 3 [3].
Chaerephon pumilus (Cretzschmar, 1826)
 Cameroon: 3, Comoro Islands: 3, Equatorial Guinea: 1, Eritrea: 3, Ethiopia: 1, Kenya: 4, Madagascar: 3, Mozambique: 3, Senegal: 2, Tanzania: 16 [39].
 CHIROPTEA Blumenbach, 1779

- Algeria: 1, Cameroon: 1, Gabon: 1, Madagascar: 1, Mauritius: 2, Senegal: 1, Somalia: 2, Tanzania: 2 [11].
- Coleura afra* (Peters, 1852)
Mozambique: 9, Somalia: 24, Tanzania: 3, Unknown country: 1 [37].
- Eidolon dupreanum* (Schegel, 1867)
Madagascar: 9 [9].
- Eidolon helvum* (Kerr, 1792)
"Africa": 7, Angola: 10, Cameroon: 47, Gabon: 1, German East Africa: 2, Namibia: 1, Rwanda: 16, Sudan: 4, Tanzania: 4, Togo: 1, Unknown country: 6 [99].
- Emballonura atrata* Peters, 1874
Madagascar: 1 [1].
- Epomophorus angolensis* Gray, 1870
Angola: 8, Namibia: 3 [11].
- Epomophorus gambianus* (Ogilby, 1835)
Cameroon: 2, Congo (Democratic Republic of the): 1, Ethiopia: 2, Ghana: 11, Mozambique: 6, Nigeria: 1, Senegal: 4, South Africa: 2, Togo: 5, Unknown country: 1 [35].
- Epomophorus labiatus* (Temminck, 1837)
Eritrea: 5, Ethiopia: 1, German East Africa: 1, Kenya: 2, Somalia: 1, Tanzania: 11, Uganda: 4, Unknown country: 3 [28].
- Epomophorus wahlbergi* (Sundevall, 1846)
Angola: 8, Equatorial Guinea: 1, Ghana: 1, Kenya: 10, Mozambique: 1, South Africa: 2, Tanzania: 36, Unknown country: 2 [61].
- Epomops buettikoferi* (Matschie, 1899)
Cote D'Ivoire: 1 [1].
- Epomops franqueti* (Tomes, 1860)
Benin: 1, Cameroon: 27, Congo (Democratic Republic of the): 1, Equatorial Guinea: 2, Gabon: 2, Ghana: 10, Liberia: 1, Nigeria: 1, Tanzania: 1, Togo: 3 [49].
- Eptesicus serotinus* (Schreber, 1774)
Algeria: 2, Tunisia: 2 [4].
- Glauconycteris argentata* (Dobson, 1875)
Cameroon: 2, Rwanda: 1 [3].
- Glauconycteris variegata* (Tomes, 1861)
Congo (Democratic Republic of the): 1, Namibia: 1, Somalia: 1, Tanzania: 3, Uganda: 1 [7].
- Hipposideros* Gray, 1831
South Africa: 1 [1].
- Hipposideros caffer* (Sundevall, 1846)
Angola: 2, Cameroon: 41, Equatorial Guinea: 2, Eritrea: 1, Ethiopia: 3, Ghana: 5, Guinea: 4, Kenya: 5, Morocco: 3, Mozambique: 3, Namibia: 5, Rwanda: 1, São Tomé and Príncipe: 1, Somalia: 19, South Africa: 1, Sudan: 13, Tanzania: 21, Unknown country: 1 [131].
- Hipposideros commersoni* (E. Geoffroy St.-Hilaire, 1813)
Angola: 1, Cameroon: 3, Chad?: 1, Congo (Democratic Republic of the): 1, Ethiopia: 2, Guinea-Bissau: 1, Kenya: 1, Madagascar: 3, Mozambique: 2, Namibia: 3, Réunion: 1, Sudan: 1, Tanzania: 10, Unknown country: 1 [31].
- Hipposideros cyclops* (Temminck, 1853)
Cameroon: 20 [20].
- Hipposideros fuliginosus* (Temminck, 1853)
Cameroon: 5, Ghana: 4, Tanzania: 1 [10].
- Hipposideros ruber* (Noack, 1893)
Equatorial Guinea: 1, São Tomé and Príncipe: 6, Tanzania: 5 [12].
- Hypsignathus monstrosus* H. Allen, 1862
Cameroon: 37, Congo (Democratic Republic of the): 1, Equatorial Guinea: 2, Gabon: 2, Togo: 3 [45].
- Kerivoula africana* Dobson, 1878
Tanzania: 1 [1].
- Kerivoula argentata* Tomes, 1861
"Africa": 2, Congo (Democratic Republic of the): 2, Tanzania: 3 [7].
- Kerivoula phalaena* Thomas, 1912
Cameroon: 2 [2].
- Kerivoula smithii* Thomas, 1880
Tanzania: 1 [1].
- Laephotis wintoni* Thomas, 1901
German East Africa: 1 [1].
- Lavia frons* (E. Geoffroy St.-Hilaire, 1810)
Cameroon: 4, Chad: 1, Congo (Democratic Republic of the): 1, Egypt?: 1, Ethiopia: 8, German East Africa: 2, Ghana: 3, Guinea: 1, Kenya: 8, Liberia: 1, Rwanda: 1, Senegal: 1, Somalia: 3, Sudan: 11, Tanzania: 27, Togo: 3, Uganda: 6, Unknown country: 9 [91].
- Lissonycteris angolensis* (Bocage, 1898)
Cameroon: 16, Tanzania: 2, Togo: 4 [22].
- Megaloglossus woermanni* Pagenstecher, 1885
Cameroon: 2, Gabon: 1, Ghana: 1 [4].
- Micropteropus pusillus* (Peters, 1868)
Angola: 2, Gabon: 1, Ghana: 2, Guinea-Bissau: 1, Nigeria: 4, Tanzania: 2, Togo: 5 [17].
- Mimetillus moloneyi* (Thomas, 1891)
Cameroon: 2 [2].
- Miniopterus Bonaparte*, 1837
"Africa": 2, Algeria: 5, Comoro Islands: 2, Madagascar: 27, Namibia: 1, South Africa: 1, Tanzania: 2, Tunisia: 12 [52].
- Miniopterus minor* Peters, 1867
Tanzania: 1 [1].
- Miniopterus natalensis* (A. Smith, 1833)

- Tanzania: 3 [3].
- Mops (Mops) condylurus* (A. Smith, 1833)
Angola: 1, Ethiopia: 1, Gabon: 1, Tanzania: 4, Uganda: 1 [8].
- Mops (Mops) midas* (Sundevall, 1843)
Sudan: 1 [1].
- Mops (Xiphonycteris) brachypterus* (Peters, 1852)
Cameroon: 1, Mozambique: 1, Tanzania: 4 [6].
- Mops (Xiphonycteris) thersites* (Thomas, 1903)
Cameroon: 1 [1].
- Mormopterus acetabulosus* (Hermann, 1804)
Mauritius: 4, Réunion: 3 [7].
- Mormopterus jugularis* (Peters, 1865)
Madagascar: 2 [2].
- Myonycteris (Myonycteris) relicta* Bergmans, 1980
Tanzania: 2 [2].
- Myonycteris (Myonycteris) torquata* (Dobson, 1878)
Cote D'Ivoire: 1, Equatorial Guinea: 1 [2].
- Myotis blythii* (Tomes, 1857)
Algeria: 1, Tunisia: 2 [3].
- Myotis bocagii* (Peters, 1870)
Angola: 1, Cameroon: 1, Congo (Democratic Republic of the): 1, Gabon: 1, Tanzania: 1 [5].
- Myotis capaccinii* (Bonaparte, 1837)
Tunisia: 6 [6].
- Myotis goudoti* (A. Smith, 1834)
Madagascar: 2 [2].
- Myotis myotis* (Borkhausen, 1797)
Algeria: 2, Egypt: 1, Tunisia: 79 [82].
- Myotis welwitschii* (Gray, 1866)
Tanzania: 2 [2].
- Myzopoda aurita* Milne-Edwards and A. Grandidier, 1878
Madagascar: 1 [1].
- Nanonycteris veldkampii* (Jentink, 1888)
Angola: 1, Ghana: 2, Togo: 3 [6].
- Neoromicia brunneus* (Thomas, 1880)
Cameroon: 1 [1].
- Neoromicia capensis* (A. Smith, 1829)
Ethiopia: 1, Namibia: 3, South Africa: 11, Togo: 1 [16].
- Neoromicia guineensis* (Bocage, 1889)
Egypt: 1 [1].
- Neoromicia rendalli* (Thomas, 1889)
Ghana: 1, Somalia: 4, Togo: 3, Uganda: 1 [9].
- Neoromicia somalicus* (Thomas, 1901)
Ethiopia: 1, Togo: 1 [2].
- Neoromicia tenuipinnis* (Peters, 1872)
Angola: 5, Burundi?: 1, Cameroon: 2, Congo (Democratic Republic of the): 3, Guinea: 1, Tanzania: 7, Togo: 1, Uganda: 1 [21].
- Nyctalus noctula* (Schreber, 1774)
Egypt: 1, Mozambique: 1 [2].
- Nycteris arge* Thomas, 1903
Cameroon: 2 [2].
- Nycteris grandis* Peters, 1865
Cameroon: 1, Congo: 1, Tanzania: 4 [6].
- Nycteris hispida* (Schreber, 1774)
Angola: 1, Cameroon: 2, Gabon: 1, Ghana: 2, Kenya: 1, Mozambique: 1, Sudan: 1, Tanzania: 3, Unknown country: 2 [14].
- Nycteris macrotis* Dobson, 1876
Cameroon: 2, Ethiopia: 1, Namibia: 1, Tanzania: 2, Unknown country: 1 [7].
- Nycteris major* (K. Andersen, 1912)
Cameroon: 1 [1].
- Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
"Africa": 1, Angola: 2, Cameroon: 1, Egypt: 4, Ethiopia: 4, Kenya: 1, Mozambique: 5, Namibia: 4, Somalia: 1, South Africa: 2, Tanzania: 17, Unknown country: 1, Unknown country: 1 [44].
- Nycticeinops schlieffenii* (Peters, 1859)
Egypt: 2, Ethiopia: 1, Senegal: 8, Sudan: 1, Tanzania: 4, Togo: 1, Unknown Country: 2 [19].
- Otomops martiensseni* (Matschie, 1897)
Tanzania: 1 [1].
- Otonycteris hemprichii* Peters, 1859
Algeria: 4, Egypt: 4, Egypt/Sudan: 1 [9].
- Pipistrellus kuhlii* (Kuhl, 1817)
Algeria: 6, Egypt: 3, Ethiopia: 1, Tunisia: 1 [11].
- Pipistrellus nanus* (Peters, 1852)
Angola: 2, Burundi?: 1, Cameroon: 3, Comoro Islands: 1, Congo: 1, Congo (Democratic Republic of the): 2, Djibouti: 1, Gabon: 1, Guinea: 1, Kenya: 3, Mozambique: 2, Somalia: 1, Tanzania: 13, Togo: 2, Uganda: 2, Unknown country: 2 [38].
- Platymops setiger* (Peters, 1878)
Kenya: 1 [1].

- Plecotus christii* Gray, 1838
Egypt: 1 [1].
- Pteropus livingstonii* Gray, 1866
Comoro Islands: 6 [6].
- Pteropus niger* (Kerr, 1792)
Mauritius: 2, Tanzania: 1 [3].
- Pteropus rufus* E. Geoffroy St.-Hilaire, 1803
Comoro Islands: 3, Madagascar: 10, Unknown country: 2 [15].
- Pteropus subniger* (Kerr, 1792)
Mauritius: 2, Mozambique: 1, Réunion: 3 [6].
- Pteropus voeltzkowi* Matschie, 1909
Tanzania: 7 [7].
- Rhinolophus* Lacépède, 1799
Cameroon: 1, Egypt: 2, Senegal: 1, Tanzania: 7, Togo: 1 [12].
- Rhinolophus blasii* Peters, 1867
Ethiopia: 2 [2].
- Rhinolophus capensis* Lichtenstein, 1823
Kenya: 1, Namibia: 1, South Africa: 2, Tanzania: 2 [6].
- Rhinolophus clivus* Cretzschmar, 1828
Cameroon: 2, Egypt: 1, South Africa: 4, Tanzania: 1, Unknown country: 1 [9].
- Rhinolophus darlingi* K. Andersen, 1905
Namibia: 4, South Africa: 1 [5].
- Rhinolophus deckenii* Peters, 1867
Namibia: 2, Tanzania: 1 [3].
- Rhinolophus denti* Thomas, 1904
Namibia: 1 [1].
- Rhinolophus eloquens* K. Andersen, 1905
Tanzania: 3 [3].
- Rhinolophus euryale* Blasius, 1853
Algeria: 2, Morocco: 2, Tunisia: 5 [9].
- Rhinolophus fumigatus* Rüppell, 1842
Namibia: 4, Tanzania: 2 [6].
- Rhinolophus hildebrandtii* Peters, 1878
Ethiopia: 2, Kenya: 4, Tanzania: 3, Unknown country: 2 [11].
- Rhinolophus hipposideros* (Bechstein, 1800)
Algeria: 1 [1].
- Rhinolophus landeri* Martin, 1838
Cameroon: 5, Kenya: 2, Mozambique: 4, Namibia: 2, South Africa: 1, Tanzania: 5 [19].
- Rhinolophus swinnyi* Gough, 1908
Tanzania: 1 [1].
- Rhinopoma hardwickii* Gray, 1831
Algeria: 1, Egypt: 12, Sudan: 1 [14].
- Rhinopoma microphyllum* (Brünnich, 1782)
Algeria: 1, Egypt: 5, Ghana: 1, Sudan: 1 [8].
- Rousettus aegyptiacus* (E. Geoffroy St.-Hilaire, 1810)
Angola: 1, Cameroon: 4, Egypt: 5, Egypt?: 1, Ethiopia: 1, Kenya: 1, South Africa: 3, Tanzania: 20, Unknown country: 1 [37].
- Rousettus lanosus* Thomas, 1906
Kenya: 1 [1].
- Rousettus obliviosus* Kock, 1978
Comoro Islands: 11, South Africa: 1 [12].
- Saccolaimus peli* (Temminck, 1853)
Cameroon: 1 [1].
- Scotonycteris ophiodon* Pohle, 1943
Cameroon: 1 [1].
- Scotonycteris zenkeri* Matschie, 1894
Cameroon: 2, Equatorial Guinea: 1 [3].
- Scotophilus* Leach, 1821
Kenya: 1, Tanzania: 2 [3].
- Scotophilus dinganii* (A. Smith, 1833)
Ghana: 2, Kenya: 1, Mozambique: 1, Somalia: 1, Tanzania: 1 [6].
- Scotophilus nigrata* (Schreber, 1774)
Ethiopia: 3, Ghana: 1, Senegal: 24, Somalia: 1, Tanzania: 3, Togo: 1 [33].
- Scotophilus viridis* (Peters, 1852)
Mozambique: 1, Tanzania: 2, Togo: 9 [12].
- Tadarida aegyptiaca* (E. Geoffroy St.-Hilaire, 1818)
Egypt: 1 [1].
- Tadarida lobata* (Thomas, 1891)
Tanzania: 1 [1].
- Taphozous* E. Geoffroy St.-Hilaire, 1818
Senegal: 14 [14].
- Taphozous hildegardae* Thomas, 1909
Kenya: 2 [2].
- Taphozous mauritanianus* E. Geoffroy St.-Hilaire, 1818
Angola: 2, Cameroon: 4, Equatorial Guinea: 1, Mauritius: 1, Sudan: 1, Tanzania: 5, Uganda: 1, Unknown country: 1 [16].

- Taphozous nudiventris* Cretzschmar, 1830
Egypt: 5 [5].
- Taphozous perforatus* E. Geoffroy St.-Hilaire, 1818
"Africa": 1, Egypt: 8, Sudan: 1 [10].
- Triaenops* Dobson, 1871
Ethiopia: 1 [1].
- Triaenops persicus* Dobson, 1871
Kenya: 1 [1].
- Vespertilioninae* Gray, 1821
Senegal: 1 [1].

Total Specimens for ZMB: 1524

ZMH: Zoologisches Institut und Zoologisches Museum, Hamburg

- Eptesicus bottae* (Peters, 1869)
Egypt: 1 [1].
- Nycteris arge* Thomas, 1903
Congo (Democratic Republic of the): 1 [1].
- Nycteris hispida* (Schreber, 1774)
"Africa": 2, Cameroon: 1, Chad: 1, Mozambique: 1, Unknown Country: 1 [6].
- Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
Namibia: 3, Tanzania: 1 [4].
- Pipistrellus nanus* (Peters, 1852)
Congo (Democratic Republic of the): 2 [2].
- Pipistrellus rueppellii* (Fischer, 1829)
Tanzania: 1 [1].
- Rhinopoma hardwickii* Gray, 1831
Egypt: 1 [1].

Total Specimens for ZMH: 16

ZMMU: Zoological Museum Moscow University

- Laephotis wintoni* Thomas, 1901
Ethiopia: 2 [2].
- Neoromicia helios* (Heller, 1912)
Tanzania: 1 [1].
- Pipistrellus aero* Heller, 1912
Ethiopia: 1 [1].
- Pipistrellus kuhlii* (Kuhl, 1817)
Ethiopia: 1 [1].
- Pipistrellus rusticus* (Tomes, 1861)
Ethiopia: 6 [6].
- Plecotus balensis* Kruskop & Lavrenchenko, 2000
Ethiopia: 1 [1].

Total Specimens for ZMMU: 12

ZMUC: Zoologisk Museum Universitet, Kobenhavn

- Nycteris aurita* (K. Andersen, 1912)
Kenya: 1 [1].
- Nycteris hispida* (Schreber, 1774)
Sudan: 13 [13].
- Nycteris macrotis* Dobson, 1876
Sudan: 1 [1].
- Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
Sudan: 21, Tanzania: 26 [47].
- Pipistrellus hesperidus* (Temminck, 1840)
Tanzania: 8 [8].
- Pipistrellus nanus* (Peters, 1852)
Congo (Democratic Republic of the): 3, Mali: 8, Nigeria: 2, Sudan: 3, Tanzania: 3 [19].
- Rhinopoma microphyllum* (Brünnich, 1782)
Egypt: 1 [1].

Total Specimens for ZMUC: 90

ZMZ: Zoologisches Museum der Universität, Zurich

- Epomophorus labiatus* (Temminck, 1837)
Congo (Democratic Republic of the): 8, Rwanda: 11 [19].
- Epomophorus wahlbergi* (Sundevall, 1846)
Tanzania: 8 [8].
- Neoromicia zuluensis* (Roberts, 1924)

Rwanda: 1 [1].
Nycteris hispida (Schreber, 1774)
Congo (Democratic Republic of the): 1 [1].
Pipistrellus nanus (Peters, 1852)
Congo (Democratic Republic of the): 2 [2].
Rhinolophus ruwenzorii J. Eric Hill, 1942
Rwanda: 1 [1].

Total Specimens for ZMZ: 32

Grand total: 24887

Appendix 2d: Voucher Specimens per country

An overview of the voucher specimens arranged by country of origin, taxon, and museum of origin, as well as the number of specimens per museum, taxon, and country, and the total number of specimens currently in the African Chiroptera Database.

"Africa"

Chaerephon pumilus (Cretzschmar, 1826)
DNSM: 1, TM: 1 [2].

CHIROPTERA Blumenbach, 1779
SAMC: 1 [1].

Eidolon helvum (Kerr, 1792)
ZMB: 7 [7].

Epomophorus gambianus (Ogilby, 1835)
BMNH: 1, ZFMK: 1 [2].

Epomophorus wahlbergi (Sundevall, 1846)
BMNH: 1 [1].

Glauconycteris variegata (Tomes, 1861)
DNSM: 1 [1].

Hypsignathus monstrosus H. Allen, 1862
TM: 2 [2].

Kerivoula argentata Tomes, 1861
ZMB: 2 [2].

Miniopterus Bonaparte, 1837
ZMB: 2 [2].

Mops (Mops) midas (Sundevall, 1843)
BMNH: 8 [8].

Neoromicia capensis (A. Smith, 1829)
BMNH: 1, MNHN: 1 [2].

Neoromicia somalicus (Thomas, 1901)
HZM: 1, MZUF: 1 [2].

Neoromicia tenuipinnis (Peters, 1872)
NMBE: 7 [7].

Nycteris arge Thomas, 1903
RMCA: 1 [1].

Nycteris hispida (Schreber, 1774)
RMCA: 3, ROM: 1, ZMH: 2 [6].

Nycteris macrotis Dobson, 1876
BMNH: 2, RMCA: 5 [7].

Nycteris thebaica E. Geoffroy St.-Hilaire, 1818
BMNH: 1, KBIN: 1, NMW: 1, RMNH: 2, SMNS: 1, USNM: 1, ZMB: 1 [8].

Pipistrellus kuhlii (Kuhl, 1817)
AMNH: 1, BMNH: 1, KBIN: 1, MHNG: 2 [5].

Pipistrellus nanus (Peters, 1852)
RMCA: 3 [3].

Pipistrellus pipistrellus (Schreber, 1774)
BMNH: 1 [1].

Rhinolophus clivosus Cretzschmar, 1828
TM: 2 [2].

Rhinolophus swinnyi Gough, 1908
DNSM: 1 [1].

Rhinopoma hardwickii Gray, 1831
MNHN: 3 [3].

Rhinopoma microphyllum (Brünnich, 1782)
BMNH: 1 [1].

Tadarida aegyptiaca (E. Geoffroy St.-Hilaire, 1818)
TM: 1 [1].

Taphozous perforatus E. Geoffroy St.-Hilaire, 1818
ZMB: 1 [1].

Total Specimens for "Africa": 79

"Congo"

Epomophorus wahlbergi (Sundevall, 1846)
KBIN: 1 [1].

Nycteris macrotis Dobson, 1876
MIZT: 1 [1].

Scotophilus nux Thomas, 1904
MNHN: 2 [2].

Total Specimens for "Congo": 4

"Senegal or Mauritania"

Rhinopoma microphyllum (Brünnich, 1782)
MNHN: 15 [15].

Total Specimens for "Senegal or Mauritania": 15

Algeria

Asellia tridens (E. Geoffroy St.-Hilaire, 1813)
BMNH: 2 [2].
CHIROPTERA Blumenbach, 1779
ZMB: 1 [1].
Eptesicus serotinus (Schreber, 1774)
HZM: 1, MNHN: 2, ZMB: 2 [5].
Hypsugo savii (Bonaparte, 1837)
CM: 5, HZM: 1 [6].
Miniopterus Bonaparte, 1837
ZMB: 5 [5].
Myotis blythii (Tomes, 1857)
ZMB: 1 [1].
Myotis myotis (Borkhausen, 1797)
ZMB: 2 [2].
Otonycteris hemprichii Peters, 1859
ZMB: 4 [4].
Pipistrellus deserti Thomas, 1902
BMNH: 2, CM: 10, USNM: 1 [13].
Pipistrellus kuhlii (Kuhl, 1817)
CM: 20, FMNH: 1, HZM: 9, KBIN: 1, MHNG: 1, MNHN: 6, RMCA: 1, USNM: 5, ZFMK: 6, ZMB: 6 [56].
Pipistrellus pipistrellus (Schreber, 1774)
HZM: 2, MHNG: 1 [3].
Plecotus teneriffae Barrett-Hamilton, 1907
BMNH: 1, UANK: 2 [3].
Rhinolophus euryale Blasius, 1853
ZMB: 2 [2].
Rhinolophus hipposideros (Bechstein, 1800)
ZMB: 1 [1].
Rhinopoma hardwickii Gray, 1831
SMF: 1, ZFMK: 1, ZMB: 1 [3].
Rhinopoma microphyllum (Brünnich, 1782)
ZMB: 1 [1].

Total Specimens for Algeria: 108

Angola

Chaerephon ansorgei (Thomas, 1913)
BMNH: 1 [1].
Cistugo seabrae Thomas, 1912
BMNH: 1 [1].
Coleura afra (Peters, 1852)
BMNH: 1 [1].
Eidolon helvum (Kerr, 1792)
ZMB: 10 [10].
Epomophorus angolensis Gray, 1870
BMNH: 1, MZUF: 1, RMNH: 1, ZMB: 8 [11].
Epomophorus wahlbergi (Sundevall, 1846)
BMNH: 10, FMNH: 1, HZM: 1, USNM: 1, ZMB: 8 [21].
Eptesicus Rafinesque, 1820
MHNG: 1 [1].
Eptesicus hottentotus (A. Smith, 1833)
IICA: 3 [3].
Glauconycteris machadoi Hayman, 1963
BMNH: 1 [1].
Hipposideros caffer (Sundevall, 1846)
BMNH: 1, ZMB: 2 [3].
Hipposideros commersoni (E. Geoffroy St.-Hilaire, 1813)
ZMB: 1 [1].
Hypsugo anchietae (de Seabra, 1900)
AMNH: 8, BMNH: 1, CM: 3, MNHN: 1 [13].
Hypsugo crassulus (Thomas, 1904)
FMNH: 1 [1].

- Laephotis angolensis* Monard, 1935
AMNH: 2, MHNC: 3 [5].
- Laephotis botswanae* Setzer, 1971
FMNH: 2 [2].
- Lissonycteris angolensis* (Bocage, 1898)
BMNH: 1 [1].
- Micropteropus intermedius* Hayman, 1963
BMNH: 1, CNHM: 1 [2].
- Micropteropus pusillus* (Peters, 1868)
ZMB: 2 [2].
- Mimetillus moloneyi* (Thomas, 1891)
AMNH: 5 [5].
- Mops (Mops) condylurus* (A. Smith, 1833)
ZMB: 1 [1].
- Myonycteris (Myonycteris) torquata* (Dobson, 1878)
BMNH: 1 [1].
- Myotis bocagii* (Peters, 1870)
ZMB: 1 [1].
- Myotis welwitschii* (Gray, 1866)
BMNH: 1 [1].
- Nanonycteris veldkampii* (Jentink, 1888)
ZMB: 1 [1].
- Neoromicia capensis* (A. Smith, 1829)
AMNH: 3, CM: 2, FMNH: 1 [6].
- Neoromicia flavescens* (de Seabra, 1900)
AMNH: 17, MNHN: 2 [19].
- Neoromicia somalicus* (Thomas, 1901)
FMNH: 4 [4].
- Neoromicia tenuipinnis* (Peters, 1872)
BMNH: 1, ZMB: 5 [6].
- Neoromicia zuluensis* (Roberts, 1924)
CZL: 1 [1].
- Nycteris hispida* (Schreber, 1774)
BMNH: 3, ZMB: 1 [4].
- Nycteris intermedia* Aellen, 1959
BMNH: 1 [1].
- Nycteris macrotis* Dobson, 1876
BMNH: 2, USNM: 1 [3].
- Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
BMNH: 6, MHNG: 2, MSNG: 1, ZMB: 2 [11].
- Pipistrellus nanus* (Peters, 1852)
AMNH: 1, FMNH: 3, YPM: 3, ZMB: 2 [9].
- Pipistrellus rueppellii* (Fischer, 1829)
MHNG: 1 [1].
- Rousettus aegyptiacus* (E. Geoffroy St.-Hilaire, 1810)
BMNH: 1, ZMB: 1 [2].
- Scotoecus albigula* Thomas, 1909
BMNH: 1 [1].
- Scotophilus dinganii* (A. Smith, 1833)
BMNH: 3, FMNH: 2, RMNH: 1 [6].
- Taphozous mauritanus* E. Geoffroy St.-Hilaire, 1818
ZMB: 2 [2].

Total Specimens for Angola: 166

Angola (?)

- Myonycteris (Myonycteris) torquata* (Dobson, 1878)
BMNH: 1 [1].

Total Specimens for Angola (?): 1

Azores [Portugal]

- Nyctalus azoreum* (Thomas, 1901)
BMNH: 1 [1].

Total Specimens for Azores [Portugal]: 1

Benin

- Epomophorus gambianus* (Ogilby, 1835)
USNM: 47 [47].
- Epomops franqueti* (Tomes, 1860)
ZMB: 1 [1].

- Hypsugo savii* (Bonaparte, 1837)
USNM: 1 [1].
- Neoromicia capensis* (A. Smith, 1829)
USNM: 1 [1].
- Neoromicia guineensis* (Bocage, 1889)
USNM: 1 [1].
- Neoromicia rendalli* (Thomas, 1889)
MNHN: 1, USNM: 1 [2].
- Neoromicia somalicus* (Thomas, 1901)
USNM: 2 [2].
- Nycteris gambiensis* (K. Andersen, 1912)
USNM: 63 [63].
- Nycteris grandis* Peters, 1865
BMNH: 1 [1].
- Nycteris hispida* (Schreber, 1774)
USNM: 38 [38].
- Nycteris macrotis* Dobson, 1876
USNM: 7 [7].
- Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
USNM: 2 [2].
- Pipistrellus inexpectatus* Aellen, 1959
USNM: 2 [2].
- Pipistrellus nanulus* Thomas, 1904
MNHN: 1, USNM: 2 [3].
- Pipistrellus nanus* (Peters, 1852)
USNM: 11 [11].
- Scotophilus nigrata* (Schreber, 1774)
MNHN: 1 [1].

Total Specimens for Benin: 183

Botswana

- Chaerephon pumilus* (Cretzschmar, 1826)
TM: 1 [1].
- CHIROPTERA* Blumenbach, 1779
TM: 2 [2].
- Epomophorus gambianus* (Ogilby, 1835)
FMNH: 1, HZM: 1, TM: 1, USNM: 15 [18].
- Hipposideros caffer* (Sundevall, 1846)
TM: 1 [1].
- Hipposideros commersoni* (E. Geoffroy St.-Hilaire, 1813)
NHMZ: 17, TM: 6 [23].
- Kerivoula lanosa* (A. Smith, 1847)
USNM: 1 [1].
- Laephotis botswanae* Setzer, 1971
NHMZ: 1, USNM: 1 [2].
- Miniopterus natalensis* (A. Smith, 1833)
TM: 2 [2].
- Mops (Mops) midas* (Sundevall, 1843)
SMF: 1 [1].
- Neoromicia capensis* (A. Smith, 1829)
FMNH: 4, HZM: 10, NHMZ: 9, SMF: 1, TM: 2, USNM: 18, ZFMK: 4 [48].
- Neoromicia rendalli* (Thomas, 1889)
USNM: 1 [1].
- Neoromicia somalicus* (Thomas, 1901)
FMNH: 1, USNM: 2 [3].
- Neoromicia zuluensis* (Roberts, 1924)
TM: 2 [2].
- Nycteris hispida* (Schreber, 1774)
USNM: 4 [4].
- Nycteris macrotis* Dobson, 1876
USNM: 1 [1].
- Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
BMNH: 3, KU: 4, SMF: 2, SMNS: 2, TM: 1, USNM: 68, ZFMK: 4 [84].
- Nycticeinops schlieffenii* (Peters, 1859)
TM: 4 [4].
- Pipistrellus nanus* (Peters, 1852)
NHMZ: 1, USNM: 5 [6].
- Pipistrellus rueppellii* (Fischer, 1829)
AMNH: 1, FMNH: 7, TM: 2 [10].
- Pipistrellus rusticus* (Tomes, 1861)
HZM: 2, NHMZ: 9, USNM: 1 [12].
- Rhinolophus blasii* Peters, 1867
TM: 1 [1].

- Sauromys petrophilus* (Roberts, 1917)
TM: 5 [5].
- Scotophilus* Leach, 1821
TM: 1 [1].
- Scotophilus dinganii* (A. Smith, 1833)
USNM: 20, ZFMK: 3 [23].
- Scotophilus leucogaster* (Cretzschmar, 1826)
ZMA: 1 [1].
- Tadarida aegyptiaca* (E. Geoffroy St.-Hilaire, 1818)
TM: 2 [2].

Total Specimens for Botswana: 259

British East Africa

- Nycteris macrotis* Dobson, 1876
ZFMK: 1 [1].

Total Specimens for British East Africa: 1

Burkina Faso

- Epomophorus gambianus* (Ogilby, 1835)
BMNH: 2, SMF: 2, USNM: 35 [39].
- Neoromicia guineensis* (Bocage, 1889)
SMF: 4, USNM: 2 [6].
- Neoromicia somalicus* (Thomas, 1901)
USNM: 1 [1].
- Nycteris gambiensis* (K. Andersen, 1912)
USNM: 138 [138].
- Nycteris hispida* (Schreber, 1774)
SMF: 1, USNM: 141 [142].
- Nycteris macrotis* Dobson, 1876
USNM: 87 [87].
- Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
USNM: 131 [131].
- Pipistrellus deserti* Thomas, 1902
ROM: 1 [1].
- Pipistrellus nanulus* Thomas, 1904
USNM: 1 [1].
- Pipistrellus nanus* (Peters, 1852)
USNM: 1 [1].
- Pipistrellus rusticus* (Tomes, 1861)
SMF: 2 [2].
- Rhinopoma hardwickii* Gray, 1831
SMF: 4 [4].
- Rhinopoma microphyllum* (Brünnich, 1782)
SMF: 2 [2].

Total Specimens for Burkina Faso: 555

Burundi

- CHIROPTERA** Blumenbach, 1779
SMF: 1 [1].
- Epomophorus labiatus* (Temminck, 1837)
KBIN: 4, RMCA: 1, SMF: 3 [8].
- Myotis bocagii* (Peters, 1870)
SMF: 1 [1].
- Neoromicia capensis* (A. Smith, 1829)
MHNG: 1 [1].
- Neoromicia flavescens* (de Seabra, 1900)
SMF: 2 [2].
- Neoromicia tenuipinnis* (Peters, 1872)
MHNG: 3 [3].
- Nycteris hispida* (Schreber, 1774)
SMF: 1 [1].
- Nycteris macrotis* Dobson, 1876
SMF: 2 [2].
- Pipistrellus hesperidus* (Temminck, 1840)
FMNH: 1 [1].
- Pipistrellus nanus* (Peters, 1852)
KBIN: 1, MHNG: 18, RMCA: 4, SMF: 1 [24].
- Scotophilus dinganii* (A. Smith, 1833)
KBIN: 2, RMCA: 2 [4].

Taphozous mauritianus E. Geoffroy St.-Hilaire, 1818
SMF: 1 [1].

Total Specimens for Burundi: 49

Burundi?

Neoromicia tenuipinnis (Peters, 1872)
ZMB: 1 [1].

Pipistrellus nanus (Peters, 1852)
ZMB: 1 [1].

Total Specimens for Burundi?: 2

Cameroon

Casinycteris argynnis Thomas, 1910
BMNH: 1 [1].

Chaerephon ansorgei (Thomas, 1913)
RMCA: 31, SMNS: 1 [32].

Chaerephon nigeriae Thomas, 1913
ZMB: 3 [3].

Chaerephon pumilus (Cretzschmar, 1826)
ZMB: 3 [3].

CHIROPTERA Blumenbach, 1779
ZMB: 1 [1].

Eidolon helvum (Kerr, 1792)
ZMB: 47 [47].

Epomophorus gambianus (Ogilby, 1835)
AMNH: 1, CM: 1, RMCA: 69, SMF: 1, ZMB: 2 [74].

Epomops franqueti (Tomes, 1860)
ZMB: 27 [27].

Glauconycteris argentata (Dobson, 1875)
BMNH: 1, ZMB: 2 [3].

Glauconycteris curryae Eger and Smith, 2001
ROM: 1 [1].

Glauconycteris egeria Thomas, 1913
BMNH: 1 [1].

Hipposideros caffer (Sundevall, 1846)
ZMB: 41 [41].

Hipposideros camerunensis Eisentraut, 1956
RMCA: 5 [5].

Hipposideros commersoni (E. Geoffroy St.-Hilaire, 1813)
RMCA: 5, ZMB: 3 [8].

Hipposideros curtus G.M. Allen, 1921
MCZ: 1, ROM: 9 [10].

Hipposideros cyclops (Temminck, 1853)
RMCA: 9, ZMB: 20 [29].

Hipposideros fuliginosus (Temminck, 1853)
ZMB: 5 [5].

Hipposideros jonesi Hayman, 1947
RMCA: 1 [1].

Hipposideros ruber (Noack, 1893)
RMCA: 21, ZFMK: 2 [23].

Hypsignathus monstrosus H. Allen, 1862
ZMB: 37 [37].

Hypsugo crassulus (Thomas, 1904)
BMNH: 2, CM: 1 [3].

Hypsugo eisentrauti (Hill, 1968)
ZFMK: 2 [2].

Hypsugo musciculus (Thomas, 1913)
BMNH: 5, MHNG: 6, ROM: 1 [12].

Kerivoula cuprosa Thomas, 1912
BMNH: 1 [1].

Kerivoula phalaena Thomas, 1912
ZMB: 2 [2].

Lavia frons (E. Geoffroy St.-Hilaire, 1810)
ZMB: 4 [4].

Lissonycteris angolensis (Bocage, 1898)
ZMB: 16 [16].

Megaloglossus woermanni Pagenstecher, 1885
RMCA: 44, ZMB: 2 [46].

Micropteropus intermedius Hayman, 1963
SMNS: 1, ZFMK: 1 [2].

Mimetillus moloneyi (Thomas, 1891)

- AMNH: 4, ROM: 13, ZMB: 2 [19].
Miniopterus inflatus Thomas, 1903
 BMNH: 1 [1].
Miniopterus natalensis (A. Smith, 1833)
 SMNS: 1 [1].
Mops (Mops) condylurus (A. Smith, 1833)
 RMCA: 2 [2].
Mops (Xiphonycteris) brachypterus (Peters, 1852)
 ZMB: 1 [1].
Mops (Xiphonycteris) nanulus J.A. Allen, 1917
 BMNH: 2 [2].
Mops (Xiphonycteris) thersites (Thomas, 1903)
 BMNH: 1, RMCA: 1, ZMB: 1 [3].
Myotis bocagii (Peters, 1870)
 SMF: 1, ZMB: 1 [2].
Myotis bocagii cupreolus Thomas, 1904
 BMNH: 1 [1].
Neoromicia brunneus (Thomas, 1880)
 AMNH: 1, CM: 18, RMCA: 1, ZMB: 1 [21].
Neoromicia flavescens (de Seabra, 1900)
 CM: 1, ROM: 1 [2].
Neoromicia guineensis (Bocage, 1889)
 CM: 1, RMCA: 4 [5].
Neoromicia rendalli (Thomas, 1889)
 RMCA: 5 [5].
Neoromicia somalicus (Thomas, 1901)
 CM: 1, RMCA: 4 [5].
Neoromicia tenuipinnis (Peters, 1872)
 AMNH: 1, CM: 18, RMCA: 1, ZFMK: 1, ZMB: 2 [23].
Nycteris arge Thomas, 1903
 BMNH: 20, MCZ: 4, MHNG: 1, RMCA: 5, ROM: 9, SMNS: 4, USNM: 3, ZFMK: 3, ZMB: 2 [51].
Nycteris grandis Peters, 1865
 BMNH: 5, RMCA: 2, ROM: 11, USNM: 1, ZFMK: 2, ZMB: 1 [22].
Nycteris hispida (Schreber, 1774)
 BMNH: 9, RMCA: 176, USNM: 1, ZFMK: 28, ZMB: 2, ZMH: 1 [217].
Nycteris intermedia Aellen, 1959
 RMCA: 2, USNM: 1 [3].
Nycteris macrotis Dobson, 1876
 MHNG: 1, RMCA: 12, USNM: 15, ZFMK: 10, ZMB: 2 [40].
Nycteris major (K. Andersen, 1912)
 BMNH: 1, MHNG: 2, SMNS: 2, ZMB: 1 [6].
Nycteris nana (K. Andersen, 1912)
 BMNH: 3, MCZ: 2, RMCA: 1, ROM: 4 [10].
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818
 RMCA: 12, ZMB: 1 [13].
Nycteris woodi K. Andersen, 1914
 MHNG: 1 [1].
Pipistrellus inexpectatus Aellen, 1959
 MHNC: 1 [1].
Pipistrellus kuhlii (Kuhl, 1817)
 ZFMK: 2 [2].
Pipistrellus nanulus Thomas, 1904
 AMNH: 1, BMNH: 2, CM: 6, MHNG: 2, RMCA: 3, USNM: 1 [15].
Pipistrellus nanus (Peters, 1852)
 CM: 13, MHNG: 1, RMCA: 78, ROM: 1, ZFMK: 4, ZMB: 3 [100].
Pipistrellus rueppellii (Fischer, 1829)
 RMCA: 22 [22].
Pipistrellus rusticus (Tomes, 1861)
 RMCA: 3 [3].
Rhinolophus Lacépède, 1799
 ZMB: 1 [1].
Rhinolophus clivosus Cretzschmar, 1828
 ZMB: 2 [2].
Rhinolophus landeri Martin, 1838
 ZMB: 5 [5].
Rhinopoma microphyllum (Brünnich, 1782)
 RMCA: 3 [3].
Rousettus aegyptiacus (E. Geoffroy St.-Hilaire, 1810)
 ZMB: 4 [4].
Saccolaimus peli (Temminck, 1853)
 RMCA: 1, ZMB: 1 [2].
Scotonycteris ophiodon Pohle, 1943
 ZMB: 1 [1].
Scotonycteris zenkeri Matschie, 1894
 RMCA: 8, ZMB: 2 [10].
Scotophilus leucogaster (Cretzschmar, 1826)

- RMCA: 93 [93].
Scotophilus nux Thomas, 1904
 BMNH: 6, ROM: 2 [8].
Scotophilus viridis (Peters, 1852)
 RMCA: 16 [16].
Tadarida aegyptiaca (E. Geoffroy St.-Hilaire, 1818)
 SMNS: 2, ZFMK: 2 [4].
Taphozous mauritanus E. Geoffroy St.-Hilaire, 1818
 ZMB: 4 [4].

Total Specimens for Cameroon: 1192

Canary Islands [Spain]

- Barbastella barbastellus* (Schreber, 1774)
 MNHN: 1 [1].
Hypsugo savii (Bonaparte, 1837)
 BMNH: 1 [1].
Plecotus teneriffae Barrett-Hamilton, 1907
 BMNH: 1 [1].

Total Specimens for Canary Islands [Spain]: 3

Cape Verde

- Hypsugo savii* (Bonaparte, 1837)
 BMNH: 2, MZUF: 4, USNM: 2 [8].
Miniopterus schreibersii (Kuhl, 1817)
 MZUF: 2 [2].
Pipistrellus kuhlii (Kuhl, 1817)
 MZUF: 1 [1].
Plecotus E. Geoffroy St.-Hilaire, 1818
 MNHN: 1 [1].
Taphozous nudiventris Cretzschmar, 1830
 MNHN: 6 [6].

Total Specimens for Cape Verde: 18

Central African Republic

- Epomophorus gambianus* (Ogilby, 1835)
 BMNH: 1, CM: 1, MNHN: 4, SMF: 2 [8].
Myotis whitleyi (Scharff, 1900)
 Rennes: 1 [1].
Neoromicia guineensis (Bocage, 1889)
 CM: 3 [3].
Neoromicia rendalli (Thomas, 1889)
 MNHN: 1 [1].
Neoromicia somalicus (Thomas, 1901)
 CM: 18 [18].
Neoromicia tenuipinnis (Peters, 1872)
 CM: 5, MNHN: 1 [6].
Nycteris hispida (Schreber, 1774)
 CM: 2 [2].
Pipistrellus nanus (Peters, 1852)
 CM: 3, MNHN: 3 [6].
Pipistrellus rusticus (Tomes, 1861)
 CM: 6 [6].
Scotophilus leucogaster (Cretzschmar, 1826)
 MNHN: 12 [12].
Scotophilus viridis (Peters, 1852)
 BMNH: 2 [2].

Total Specimens for Central African Republic: 65

Chad

- Epomophorus gambianus* (Ogilby, 1835)
 AMNH: 3, USNM: 2 [5].
Epomophorus labiatus (Temminck, 1837)
 SMF: 1 [1].
Lavia frons (E. Geoffroy St.-Hilaire, 1810)
 ZMB: 1 [1].
Neoromicia guineensis (Bocage, 1889)
 AMNH: 1, SMF: 2 [3].

- Neoromicia rendalli* (Thomas, 1889)
MHNG: 12 [12].
- Neoromicia somalicus* (Thomas, 1901)
MHNG: 1 [1].
- Nycteris hispida* (Schreber, 1774)
SMF: 5, USNM: 2, ZMH: 1 [8].
- Nycteris macrotis* Dobson, 1876
USNM: 2 [2].
- Rhinopoma hardwickii* Gray, 1831
RMCA: 2 [2].
- Scotophilus leucogaster* (Cretzschmar, 1826)
ZMA: 25 [25].

Total Specimens for Chad: 60

Chad?

- Hipposideros commersoni* (E. Geoffroy St.-Hilaire, 1813)
ZMB: 1 [1].

Total Specimens for Chad?: 1

Comoro Islands

- Chaerephon pumilus* (Cretzschmar, 1826)
ZMB: 3 [3].
- Miniopterus Bonaparte*, 1837
ZMB: 2 [2].
- Miniopterus manavi* Thomas, 1906
BMNH: 1 [1].
- Pipistrellus nanus* (Peters, 1852)
ZMB: 1 [1].
- Pteropus livingstonii* Gray, 1866
BMNH: 1, ZMB: 6 [7].
- Pteropus rufus* E. Geoffroy St.-Hilaire, 1803
ZMB: 3 [3].
- Pteropus seychellensis* A. Milne-Edwards, 1877
BMNH: 3 [3].
- Rousettus obliviosus* Kock, 1978
ZFMK: 1, ZMB: 11 [12].

Total Specimens for Comoro Islands: 32

Congo

- Hypsugo anchietae* (de Seabra, 1900)
ZMA: 1 [1].
- Hypsugo crassulus* (Thomas, 1904)
MNHN: 1 [1].
- Myotis dieteri* M. Happold, 2005
MNHN: 1 [1].
- Neoromicia capensis* (A. Smith, 1829)
RMCA: 1 [1].
- Neoromicia tenuipinnis* (Peters, 1872)
MNHN: 2, RMCA: 1 [3].
- Nycteris grandis* Peters, 1865
ZMB: 1 [1].
- Nycteris macrotis* Dobson, 1876
MHNG: 3 [3].
- Pipistrellus nanus* (Peters, 1852)
CM: 20, HZM: 3, RMCA: 7, ZMB: 1 [31].
- Rhinolophus adami* Aellen and Brosset, 1968
MNHN: 1 [1].
- Scotophilus dinganii* (A. Smith, 1833)
MNHN: 4, ZMA: 32 [36].
- Triaenops persicus* Dobson, 1871
MNHN: 1 [1].

Total Specimens for Congo: 80

Congo (Democratic Republic of the)

- Casinycteris argynnis* Thomas, 1910
MSB: 1, RMCA: 1 [2].
- Chaerephon ansorgei* (Thomas, 1913)

- MSB: 58, RMCA: 61 [119].
Chaerephon chapini J.A. Allen, 1917
 AMNH: 1 [1].
Chaerephon gallagheri (Harrison, 1975)
 BMNH: 3 [3].
Chaerephon leucogaster (A. Grandidier, 1869)
 AMNH: 2 [2].
Chaerephon major (Trouessart, 1897)
 AMNH: 1 [1].
Chaerephon pumilus (Cretzschmar, 1826)
 MSB: 103, RMCA: 102 [205].
Chaerephon russatus J.A. Allen, 1917
 AMNH: 1 [1].
Cloeotis percivali Thomas, 1901
 KBIN: 7, SMF: 5 [12].
Coleura afra (Peters, 1852)
 BMNH: 2 [2].
Eidolon helvum (Kerr, 1792)
 TM: 18 [18].
Epomophorus gambianus (Ogilby, 1835)
 BMNH: 2, KBIN: 1, OSU: 1, RMCA: 10, ZMB: 1 [15].
Epomophorus labiatus (Temminck, 1837)
 BMNH: 6, HZM: 1, KBIN: 2, NMW: 1, RMCA: 35, RMNH: 1, SMF: 8, SMNS: 2, USNM: 2, ZMZ: 8 [66].
Epomophorus wahlbergi (Sundevall, 1846)
 MNHN: 2, RMCA: 12, SMF: 1 [15].
Epomops franqueti (Tomes, 1860)
 MSB: 1, RMCA: 1, ZMB: 1 [3].
Eptesicus Rafinesque, 1820
 KBIN: 7, RMCA: 3 [10].
Glauconycteris alboguttata J.A. Allen, 1917
 AMNH: 1 [1].
Glauconycteris argentata (Dobson, 1875)
 SMF: 1 [1].
Glauconycteris humeralis J.A. Allen, 1917
 AMNH: 1 [1].
Glauconycteris superba Hayman, 1939
 RMCA: 1 [1].
Glauconycteris variegata (Tomes, 1861)
 ZMB: 1 [1].
Hipposideros abae J.A. Allen, 1917
 AMNH: 1, TM: 1 [2].
Hipposideros caffer (Sundevall, 1846)
 AMNH: 1 [1].
Hipposideros commersoni (E. Geoffroy St.-Hilaire, 1813)
 AMNH: 1, ZMB: 1 [2].
Hipposideros cyclops (Temminck, 1853)
 AMNH: 1 [1].
Hipposideros ruber (Noack, 1893)
 AMNH: 1 [1].
Hypsignathus monstrosus H. Allen, 1862
 KBIN: 7, TM: 6, ZMB: 1 [14].
Hypsugo anchietae (de Seabra, 1900)
 AMNH: 2 [2].
Hypsugo crassulus (Thomas, 1904)
 BMNH: 1, RMCA: 2, SMF: 5 [8].
Hypsugo eisentrauti (Hill, 1968)
 AMNH: 1 [1].
Hypsugo musciculus (Thomas, 1913)
 MNHN: 1, RMCA: 1 [2].
Kerivoula argentata Tomes, 1861
 SMF: 2, ZMB: 2 [4].
Kerivoula phalaena Thomas, 1912
 SMF: 1 [1].
Kerivoula smithii Thomas, 1880
 NMW: 3 [3].
Laephotis angolensis Monard, 1935
 BMNH: 2 [2].
Laephotis botswanae Setzer, 1971
 BMNH: 2, RMCA: 6, SMF: 3 [11].
Lavia frons (E. Geoffroy St.-Hilaire, 1810)
 ZMB: 1 [1].
Megaloglossus woermanni Pagenstecher, 1885
 MSB: 15, RMCA: 16 [31].
Micropteropus pusillus (Peters, 1868)
 MSB: 37, RMCA: 38 [75].
Mimetillus moloneyi (Thomas, 1891)

- AMNH: 4, HZM: 3, RMCA: 1 [8].
Miniopterus inflatus Thomas, 1903
 FMNH: 1 [1].
Miniopterus minor Peters, 1867
 MSB: 1, RMCA: 1 [2].
Miniopterus natalensis (A. Smith, 1833)
 AMNH: 1 [1].
Mops (Mops) condylurus (A. Smith, 1833)
 AMNH: 1, BMNH: 1, MSB: 5, RMCA: 4 [11].
Mops (Mops) congicus J.A. Allen, 1917
 AMNH: 1 [1].
Mops (Mops) demonstrator (Thomas, 1903)
 AMNH: 1 [1].
Mops (Mops) niangarae J.A. Allen, 1917
 AMNH: 1 [1].
Mops (Mops) niveiventer Cabrera and Ruxton, 1926
 BMNH: 3, MSB: 2, RMCA: 1 [6].
Mops (Mops) trevori J.A. Allen, 1917
 AMNH: 1 [1].
Mops (Xiphonycteris) brachypterus (Peters, 1852)
 AMNH: 1 [1].
Mops (Xiphonycteris) nanulus J.A. Allen, 1917
 AMNH: 1, BMNH: 8, MSB: 6, RMCA: 17 [32].
Mops (Xiphonycteris) spurrelli (Dollman, 1911)
 RMCA: 12 [12].
Mops (Xiphonycteris) thersites (Thomas, 1903)
 AMNH: 1, RMCA: 1 [2].
Myonycteris (Myonycteris) torquata (Dobson, 1878)
 BMNH: 1 [1].
Myopterus daubentonii Desmarest, 1820
 BMNH: 1 [1].
Myopterus whiteleyi (Scharff, 1900)
 MSB: 1, RMCA: 1, TM: 1 [3].
Myotis bocagii (Peters, 1870)
 MSB: 7, RMCA: 8, SMF: 4, ZMB: 1 [20].
Neoromicia brunneus (Thomas, 1880)
 AMNH: 1 [1].
Neoromicia capensis (A. Smith, 1829)
 AMNH: 1, KBIN: 12, RMCA: 10 [23].
Neoromicia guineensis (Bocage, 1889)
 AMNH: 2, RMCA: 1 [3].
Neoromicia rendalli (Thomas, 1889)
 AMNH: 8, CM: 11, FMNH: 3, HZM: 1, KBIN: 1, RMCA: 46 [70].
Neoromicia somalicus (Thomas, 1901)
 AMNH: 1, RMCA: 7 [8].
Neoromicia tenuipinnis (Peters, 1872)
 AMNH: 6, CM: 2, KBIN: 2, MSB: 1, RMCA: 65, USNM: 2, ZMB: 3 [81].
Nycteris arge Thomas, 1903
 BMNH: 17, CAS: 1, KBIN: 22, MCZ: 2, NMW: 1, RMCA: 42, SMF: 1, ZFMK: 3, ZMH: 1 [90].
Nycteris grandis Peters, 1865
 BMNH: 4, KBIN: 3, NMW: 1, RMCA: 11, SMF: 1, TM: 2, USNM: 1 [23].
Nycteris hispida (Schreber, 1774)
 AMNH: 1, BMNH: 12, CAS: 1, KBIN: 74, MSB: 1, NMW: 3, RMCA: 109, RMNH: 2, SMF: 2, USNM: 2, ZMZ: 1 [208].
Nycteris intermedia Aellen, 1959
 BMNH: 2, KBIN: 7, RMCA: 3, RMNH: 1, SMF: 1 [14].
Nycteris macrotis Dobson, 1876
 BMNH: 1, KBIN: 38, RMCA: 27, RMNH: 2, SMF: 3, TM: 4, UIA: 1 [76].
Nycteris major (K. Andersen, 1912)
 AMNH: 1 [1].
Nycteris nana (K. Andersen, 1912)
 BMNH: 1, KBIN: 22, RMCA: 8, RMNH: 1 [32].
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818
 BMNH: 3, KBIN: 8, MHNG: 2, RMCA: 7, SMF: 3 [23].
Otomops martiensseni (Matschie, 1897)
 KBIN: 2 [2].
Pipistrellus hesperidus (Temminck, 1840)
 RMCA: 1 [1].
Pipistrellus nanulus Thomas, 1904
 AMNH: 1 [1].
Pipistrellus nanus (Peters, 1852)
 AMNH: 1, CM: 12, FMNH: 1, KBIN: 83, MSB: 1, RMCA: 629, SMF: 3, USNM: 3, ZMB: 2, ZMH: 2, ZMUC: 3, ZMZ: 2 [742].
Pipistrellus rueppellii (Fischer, 1829)
 AMNH: 1, RMCA: 6 [7].
Pipistrellus rusticus (Tomes, 1861)
 RMCA: 2 [2].

- Rhinolophus fumigatus* Rüppell, 1842
AMNH: 1 [1].
- Rhinolophus hildebrandtii* Peters, 1878
SMF: 13 [13].
- Rhinolophus landeri* Martin, 1838
AMNH: 1 [1].
- Rhinolophus ruwenzorii* J. Eric Hill, 1942
AMNH: 1 [1].
- Rhinolophus simulator* K. Andersen, 1904
SMF: 30 [30].
- Saccolaimus peli* (Temminck, 1853)
KBIN: 1 [1].
- Scotophilus dinganii* (A. Smith, 1833)
BMNH: 2, KBIN: 13, MSB: 10, RMCA: 66, RMNH: 1, SMF: 1, ZMA: 1 [94].
- Scotophilus nigrita* (Schreber, 1774)
AMNH: 5, RMCA: 5 [10].
- Scotophilus nux* Thomas, 1904
BMNH: 1, KBIN: 3, RMCA: 4 [8].
- Tadarida ventralis* (Heuglin, 1861)
RMCA: 1 [1].

Total Specimens for Congo (Democratic Republic of the): 2315

Cote D'Ivoire

- Epomophorus gambianus* (Ogilby, 1835)
CM: 1, HZM: 2, USNM: 5 [8].
- Epomops buettikoferi* (Matschie, 1899)
ZMB: 1 [1].
- Hypsugo eisentrauti* (Hill, 1968)
ROM: 2, USNM: 2 [4].
- Kerivoula cuprosa* Thomas, 1912
SMF: 1 [1].
- Kerivoula lanosa* (A. Smith, 1847)
MNHN: 1 [1].
- Kerivoula phalaena* Thomas, 1912
MNHN: 1, SMF: 3 [4].
- Myonycteris (Myonycteris) torquata* (Dobson, 1878)
ZMB: 1 [1].
- Neoromicia brunneus* (Thomas, 1880)
RMCA: 3, USNM: 5 [8].
- Neoromicia guineensis* (Bocage, 1889)
USNM: 4 [4].
- Neoromicia somalicus* (Thomas, 1901)
FMNH: 1 [1].
- Neoromicia tenuipinnis* (Peters, 1872)
RMCA: 5, USNM: 6 [11].
- Nycteris arge* Thomas, 1903
MHNG: 1, ROM: 1, USNM: 6 [8].
- Nycteris gambiensis* (K. Andersen, 1912)
USNM: 19 [19].
- Nycteris grandis* Peters, 1865
RMCA: 4, USNM: 2 [6].
- Nycteris hispida* (Schreber, 1774)
USNM: 13 [13].
- Nycteris intermedia* Aellen, 1959
CM: 1, MHNG: 3 [4].
- Nycteris macrotis* Dobson, 1876
RMCA: 1, USNM: 9 [10].
- Nycteris major* (K. Andersen, 1912)
USNM: 1 [1].
- Nycteris nana* (K. Andersen, 1912)
MHNG: 1 [1].
- Pipistrellus kuhlii* (Kuhl, 1817)
CM: 1, MNHN: 1 [2].
- Pipistrellus nanus* (Peters, 1852)
AMNH: 2, MHNG: 5, RMCA: 29, USNM: 2 [38].
- Scotophilus viridis* (Peters, 1852)
MNHN: 1 [1].
- Taphozous mauritanus* E. Geoffroy St.-Hilaire, 1818
SMF: 3 [3].

Total Specimens for Cote D'Ivoire: 150

Côte d'Ivoire

Hypsugo crassulus (Thomas, 1904)
RMCA: 1 [1].
Kerivoula lanosa (A. Smith, 1847)
MHNG: 1 [1].
Neoromicia brunneus (Thomas, 1880)
RMCA: 4 [4].
Neoromicia tenuipinnis (Peters, 1872)
RMCA: 1 [1].
Nycteris arge Thomas, 1903
MHNG: 4, USNM: 3 [7].
Nycteris hispida (Schreber, 1774)
RMCA: 5, USNM: 1 [6].
Nycteris intermedia Aellen, 1959
MHNG: 1 [1].
Nycteris macrotis Dobson, 1876
RMCA: 1 [1].
Pipistrellus nanulus Thomas, 1904
RMCA: 1 [1].
Pipistrellus nanus (Peters, 1852)
MHNG: 5, RMCA: 31 [36].
Scotophilus nux Thomas, 1904
RMCA: 36 [36].

Total Specimens for Côte d'Ivoire: 95

Crete

Miniopterus natalensis (A. Smith, 1833)
TM: 1 [1].

Total Specimens for Crete: 1

Djibouti

Pipistrellus kuhlii (Kuhl, 1817)
FMNH: 1, MNHN: 3 [4].
Pipistrellus nanus (Peters, 1852)
ZMB: 1 [1].
Rhinopoma hardwickii Gray, 1831
FMNH: 3 [3].
Scotophilus dinganii (A. Smith, 1833)
MNHN: 1 [1].

Total Specimens for Djibouti: 9

Egypt

Asellia tridens (E. Geoffroy St.-Hilaire, 1813)
BMNH: 1, MNHN: 2, ZMB: 8 [11].
Cardioderma cor (Peters, 1872)
ZMB: 1 [1].
Eptesicus bottae (Peters, 1869)
BMNH: 1, ZMH: 1 [2].
Myotis myotis (Borkhausen, 1797)
ZMB: 1 [1].
Neoromicia guineensis (Bocage, 1889)
ZMB: 1 [1].
Nyctalus noctula (Schreber, 1774)
ZMB: 1 [1].
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818
BMNH: 21, MNHN: 2, NMW: 1, RMNH: 1, SMF: 14, SMNS: 2, SMTD: 1, USNM: 39, ZMB: 4 [85].
Nycticeinops schlieffenii (Peters, 1859)
ZMB: 2 [2].
Otonycteris hemprichii Peters, 1859
ZMB: 4 [4].
Pipistrellus Kaup, 1829
ZFMK: 1 [1].
Pipistrellus kuhlii (Kuhl, 1817)
CM: 15, FMNH: 17, MHNG: 2, MNHN: 4, SMF: 3, ZMB: 3 [44].
Pipistrellus rueppellii (Fischer, 1829)
CAS: 1, FMNH: 4, HZM: 1, MNHN: 1, ZFMK: 1, ZMA: 3 [11].
Plecotus christii Gray, 1838
BMNH: 1, ZMB: 1 [2].
Rhinolophus Lacépède, 1799

- ZMB: 2 [2].
Rhinolophus clivosus Cretzschmar, 1828
 BMNH: 3, ZMB: 1 [4].
Rhinopoma hardwickii Gray, 1831
 AMNH: 2, BMNH: 12, CM: 29, FMNH: 24, HZM: 1, KBIN: 1, MCZ: 4, MNHN: 4, RMNH: 1, SMF: 43, SMNS: 5, ZMB: 12, ZMH: 1 [139].
Rhinopoma microphyllum (Brünnich, 1782)
 BMNH: 5, KBIN: 1, MHNG: 1, MNHN: 2, RMNH: 3, SMF: 8, ZMB: 5, ZMUC: 1 [26].
Rousettus aegyptiacus (E. Geoffroy St.-Hilaire, 1810)
 MNHN: 1, ZMB: 5 [6].
Rousettus lanosus Thomas, 1906
 BMNH: 8 [8].
Tadarida aegyptiaca (E. Geoffroy St.-Hilaire, 1818)
 MNHN: 1, ZMB: 1 [2].
Taphozous nudiventris Cretzschmar, 1830
 SMF: 1, ZMB: 5 [6].
Taphozous perforatus E. Geoffroy St.-Hilaire, 1818
 MNHN: 1, ZMB: 8 [9].

Total Specimens for Egypt: 368

Egypt ?

- Lavia frons* (E. Geoffroy St.-Hilaire, 1810)
 ZMB: 1 [1].
Rousettus aegyptiacus (E. Geoffroy St.-Hilaire, 1810)
 ZMB: 1 [1].

Total Specimens for Egypt ?: 2

Egypt/Sudan

- Otonycteris hemprichii* Peters, 1859
 ZMB: 1 [1].

Total Specimens for Egypt/Sudan: 1

Equatorial Guinea

- Chaerephon pumilus* (Cretzschmar, 1826)
 ZMB: 1 [1].
Epomophorus wahlbergi (Sundevall, 1846)
 ZMB: 1 [1].
Epomops franqueti (Tomes, 1860)
 ZMB: 2 [2].
Glauconycteris beatrix Thomas, 1901
 BMNH: 1 [1].
Hipposideros caffer (Sundevall, 1846)
 ZMB: 2 [2].
Hipposideros ruber (Noack, 1893)
 ZMB: 1 [1].
Hypsignathus monstrosus H. Allen, 1862
 ZMB: 2 [2].
Lissonycteris angolensis (Bocage, 1898)
 MNCN: 2 [2].
Mimetillus moloneyi (Thomas, 1891)
 BMNH: 4 [4].
Myonycteris (Myonycteris) torquata (Dobson, 1878)
 ZMB: 1 [1].
Nycteris arge Thomas, 1903
 BMNH: 2 [2].
Nycteris grandis Peters, 1865
 BMNH: 1 [1].
Nycteris hispida (Schreber, 1774)
 BMNH: 6, RMCA: 1 [7].
Nycteris nana (K. Andersen, 1912)
 BMNH: 1 [1].
Pipistrellus nanulus Thomas, 1904
 AMNH: 2, ZFMK: 1 [3].
Rhinolophus landeri Martin, 1838
 BMNH: 1 [1].
Scotonycteris zenkeri Matschie, 1894
 BMNH: 1, ZMB: 1 [2].
Taphozous mauritanus E. Geoffroy St.-Hilaire, 1818
 ZMB: 1 [1].

Total Specimens for Equatorial Guinea: 35

Eritrea

- Chaerephon pumilus* (Cretzschmar, 1826)
SMF: 1, ZMB: 3 [4].
- Epomophorus labiatus* (Temminck, 1837)
MZUF: 1, ZMB: 5 [6].
- Hipposideros caffer* (Sundevall, 1846)
ZMB: 1 [1].
- Neoromicia capensis* (A. Smith, 1829)
MZUF: 1 [1].
- Neoromicia somalicus* (Thomas, 1901)
MZUF: 9 [9].
- Rhinolophus clivosus* Cretzschmar, 1828
SMNS: 1 [1].
- Rhinolophus hipposideros* (Bechstein, 1800)
SMNS: 1 [1].
- Rhinopoma macinnesi* Hayman, 1937
HNHM: 4 [4].
- Scotophilus dinganii* (A. Smith, 1833)
RMNH: 1 [1].

Total Specimens for Eritrea: 28

Ethiopia

- Myotis bocagii* (Peters, 1870)
SMF: 1 [1].

Total Specimens for Ethiopia: 1

Ethiopia

- Cardioderma cor* (Peters, 1872)
ZMB: 1 [1].
- Chaerephon bivittatus* (Heuglin, 1861)
ZMB: 1 [1].
- Chaerephon pumilus* (Cretzschmar, 1826)
ZMB: 1 [1].
- Epomophorus gambianus* (Ogilby, 1835)
BMNH: 3, MNHN: 1, SMF: 13, SMNS: 2, USNM: 10, ZMB: 2 [31].
- Epomophorus labiatus* (Temminck, 1837)
BMNH: 6, NMW: 1, RMNH: 1, SMF: 5, SMNS: 4, USNM: 3, ZMB: 1 [21].
- Epomophorus minimus* Claessen & De Vree, 1991
BMNH: 5, CM: 7, MNHN: 1, NMW: 1, OSU: 4, ROM: 35, SMF: 19, SMNS: 12, USNM: 46 [130].
- Epomophorus wahlbergi* (Sundevall, 1846)
BMNH: 1 [1].
- Hipposideros caffer* (Sundevall, 1846)
ZMB: 3 [3].
- Hipposideros commersoni* (E. Geoffroy St.-Hilaire, 1813)
ZMB: 2 [2].
- Hypsugo anchietae* (de Seabra, 1900)
NHMZ: 1 [1].
- Kerivoula lanosa* (A. Smith, 1847)
NMW: 1 [1].
- Laephotis wintoni* Thomas, 1901
BMNH: 3, ZMMU: 2 [5].
- Lavia frons* (E. Geoffroy St.-Hilaire, 1810)
ZMB: 8 [8].
- Lissonycteris petraea* Bergmans, 1997
MNHN: 1 [1].
- Miniopterus africanus* Sanborn, 1936
FMNH: 1 [1].
- Miniopterus natalensis* (A. Smith, 1833)
TM: 1 [1].
- MOLOSSIDAE Gervais, 1856
BMNH: 2 [2].
- Mops (Mops) condylurus* (A. Smith, 1833)
ZMB: 1 [1].
- Myotis morrisi* Hill, 1971
BMNH: 1 [1].
- Myotis scotti* Thomas, 1927
BMNH: 1 [1].

- Neoromicia capensis* (A. Smith, 1829)
CM: 1, MNHN: 3, SMF: 1, ZFMK: 2, ZMB: 1 [8].
- Neoromicia guineensis* (Bocage, 1889)
CM: 1, MHNG: 1, SMF: 5, ZFMK: 6 [13].
- Neoromicia somalicus* (Thomas, 1901)
AMNH: 2, CM: 2, SMF: 2, ZMB: 1 [7].
- Neoromicia tenuipinnis* (Peters, 1872)
HZM: 1, USNM: 1 [2].
- Neoromicia zuluensis* (Roberts, 1924)
SMF: 2, ZFMK: 3 [5].
- Nycteris aurita* (K. Andersen, 1912)
SMF: 1 [1].
- Nycteris hispida* (Schreber, 1774)
BMNH: 3, CM: 1, ROM: 1, SMF: 3, USNM: 8, ZFMK: 7 [23].
- Nycteris macrotis* Dobson, 1876
BMNH: 3, CM: 1, SMF: 2, ZFMK: 1, ZMB: 1 [8].
- Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
BMNH: 17, CM: 1, MSNG: 1, MSNM: 3, MZUF: 15, OSU: 3, RMNH: 1, SMF: 6, ZMB: 4 [51].
- Nycteris woodi* K. Andersen, 1914
BMNH: 2 [2].
- Nycticeinops schlieffenii* (Peters, 1859)
ZMB: 1 [1].
- Pipistrellus aero* Heller, 1912
ZMMU: 1 [1].
- Pipistrellus hesperidus* (Temminck, 1840)
SMF: 1 [1].
- Pipistrellus kuhlii* (Kuhl, 1817)
AMNH: 3, BMNH: 6, CM: 1, FMNH: 2, MNHN: 1, SMF: 6, ZFMK: 1, ZMB: 1, ZMMU: 1 [22].
- Pipistrellus nanus* (Peters, 1852)
CM: 1, HZM: 2, MNHN: 2, SMF: 7 [12].
- Pipistrellus rusticus* (Tomes, 1861)
FMNH: 1, MZUF: 1, SMF: 2, ZFMK: 3, ZMMU: 6 [13].
- Platymops setiger* (Peters, 1878)
BMNH: 2 [2].
- Plecotus balensis* Kruskop & Lavrenchenko, 2000
ZMMU: 1 [1].
- Rhinolophus blasii* Peters, 1867
ZMB: 2 [2].
- Rhinolophus clivosus* Cretzschmar, 1828
TM: 1 [1].
- Rhinolophus fumigatus* Rüppell, 1842
SMF: 2, SMNS: 3 [5].
- Rhinolophus hildebrandtii* Peters, 1878
ZMB: 2 [2].
- Rhinolophus simulator* K. Andersen, 1904
SMF: 2 [2].
- Rhinopoma hardwickii* Gray, 1831
BMNH: 7, HNHM: 1, SMF: 20 [28].
- Rhinopoma macinnesi* Hayman, 1937
HNHM: 1 [1].
- Rousettus aegyptiacus* (E. Geoffroy St.-Hilaire, 1810)
ZMB: 1 [1].
- Scotophilus danganii* (A. Smith, 1833)
BMNH: 15, RMCA: 2, SMF: 1, ZFMK: 2 [20].
- Scotophilus leucogaster* (Cretzschmar, 1826)
FMNH: 1 [1].
- Scotophilus nigrita* (Schreber, 1774)
ZMB: 3 [3].
- Scotophilus viridis* (Peters, 1852)
BMNH: 2, SMF: 2, ZFMK: 16 [20].
- Triaenops* Dobson, 1871
ZMB: 1 [1].

Total Specimens for Ethiopia: 474

Gabon

- CHIROPTERA* Blumenbach, 1779
ZMB: 1 [1].
- Eidolon helvum* (Kerr, 1792)
ZMB: 1 [1].
- Epomophorus wahlbergi* (Sundevall, 1846)
BMNH: 1, USNM: 16 [17].
- Epomops franqueti* (Tomes, 1860)
ZMB: 2 [2].

- Eptesicus Rafinesque*, 1820
MNHN: 1 [1].
- Hipposideros cyclops* (Temminck, 1853)
BMNH: 1 [1].
- Hipposideros ruber* (Noack, 1893)
BMNH: 1 [1].
- Hypsignathus monstrosus* H. Allen, 1862
ZMB: 2 [2].
- Hypsugo musciculus* (Thomas, 1913)
AMNH: 1, MNHN: 1 [2].
- Megaloglossus woermanni* Pagenstecher, 1885
ZMB: 1 [1].
- Micropteropus pusillus* (Peters, 1868)
ZMB: 1 [1].
- Mops (Mops) condylurus* (A. Smith, 1833)
ZMB: 1 [1].
- Myotis bocagii* (Peters, 1870)
ZMB: 1 [1].
- Neoromicia brunneus* (Thomas, 1880)
CM: 1 [1].
- Neoromicia tenuipinnis* (Peters, 1872)
MHNG: 1, MNHN: 1, RMCA: 2, USNM: 1 [5].
- Nycteris grandis* Peters, 1865
BMNH: 2, MNHN: 2 [4].
- Nycteris hispida* (Schreber, 1774)
MNHN: 1, USNM: 3, ZMB: 1 [5].
- Nycteris intermedia* Aellen, 1959
MHNG: 2 [2].
- Pipistrellus nanulus* Thomas, 1904
AMNH: 1, MNHN: 1 [2].
- Pipistrellus nanus* (Peters, 1852)
ZMA: 4, ZMB: 1 [5].

Total Specimens for Gabon: 56

'Gabon'

- Eptesicus serotinus* (Schreber, 1774)
BMNH: 1 [1].

Total Specimens for 'Gabon': 1

'Gaboone'

- Myotis blythii* (Tomes, 1857)
BMNH: 1 [1].

Total Specimens for 'Gaboone': 1

German East Africa

- Eidolon helvum* (Kerr, 1792)
ZMB: 2 [2].
- Epomophorus labiatus* (Temminck, 1837)
ZMB: 1 [1].
- Laephotis wintoni* Thomas, 1901
ZMB: 1 [1].
- Lavia frons* (E. Geoffroy St.-Hilaire, 1810)
ZMB: 2 [2].

Total Specimens for German East Africa: 6

Ghana

- Epomophorus gambianus* (Ogilby, 1835)
AMNH: 1, BMNH: 2, CM: 12, USNM: 72, ZMB: 11 [98].
- Epomophorus wahlbergi* (Sundevall, 1846)
ZMB: 1 [1].
- Epomops franqueti* (Tomes, 1860)
ZMB: 10 [10].
- Glauconycteris superba* Hayman, 1939
BMNH: 1 [1].
- Hipposideros caffer* (Sundevall, 1846)
ZMB: 5 [5].
- Hipposideros fuliginosus* (Temminck, 1853)

- ZMB: 4 [4].
Hypsugo muscivulus (Thomas, 1913)
 BMNH: 1 [1].
Kerivoula phalaena Thomas, 1912
 BMNH: 1 [1].
Lavia frons (E. Geoffroy St.-Hilaire, 1810)
 ZMB: 3 [3].
Megaloglossus woermanni Pagenstecher, 1885
 ZMB: 1 [1].
Micropteropus pusillus (Peters, 1868)
 ZMB: 2 [2].
Mops (Xiphonycteris) nanulus J.A. Allen, 1917
 BMNH: 1 [1].
Mops (Xiphonycteris) spurrelli (Dollman, 1911)
 BMNH: 3 [3].
Myotis bocagii (Peters, 1870)
 SMF: 2 [2].
Nanonycteris veldkampii (Jentink, 1888)
 ZMB: 2 [2].
Neoromicia brunneus (Thomas, 1880)
 USNM: 2 [2].
Neoromicia guineensis (Bocage, 1889)
 CM: 1, USNM: 1 [2].
Neoromicia rendalli (Thomas, 1889)
 CM: 3, USNM: 2, ZMB: 1 [6].
Neoromicia somalicus (Thomas, 1901)
 USNM: 8 [8].
Neoromicia tenuipinnis (Peters, 1872)
 CM: 2, USNM: 14 [16].
Nycteris arge Thomas, 1903
 BMNH: 3, ROM: 2, USNM: 8 [13].
Nycteris gambiensis (K. Andersen, 1912)
 BMNH: 3, ROM: 1, USNM: 132 [136].
Nycteris grandis Peters, 1865
 BMNH: 5, RMNH: 1, USNM: 12 [18].
Nycteris hispida (Schreber, 1774)
 BMNH: 24, USNM: 90, ZMB: 2 [116].
Nycteris intermedia Aellen, 1959
 BMNH: 3, USNM: 1 [4].
Nycteris macrotis Dobson, 1876
 BMNH: 11, RMNH: 3, ROM: 1, USNM: 229 [244].
Nycteris nana (K. Andersen, 1912)
 BMNH: 2, USNM: 1 [3].
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818
 USNM: 1 [1].
Pipistrellus deserti Thomas, 1902
 CM: 1 [1].
Pipistrellus inexpectatus Aellen, 1959
 USNM: 1 [1].
Pipistrellus nanulus Thomas, 1904
 CM: 5, USNM: 3 [8].
Pipistrellus nanus (Peters, 1852)
 AMNH: 4, CM: 3, ROM: 16, USNM: 5 [28].
Rhinolophus alcyone Temminck, 1853
 RMNH: 1 [1].
Rhinopoma microphyllum (Brünnich, 1782)
 ZMB: 1 [1].
Scotoecus hirundo (de Winton, 1899)
 BMNH: 1 [1].
Scotonycteris ophiodon Pohle, 1943
 BMNH: 1 [1].
Scotonycteris zenkeri Matschie, 1894
 BMNH: 1 [1].
Scotophilus dinganii (A. Smith, 1833)
 RMNH: 2, ROM: 7, USNM: 18, ZMB: 2 [29].
Scotophilus leucogaster (Cretzschmar, 1826)
 BMNH: 1 [1].
Scotophilus nigrita (Schreber, 1774)
 USNM: 1, ZMB: 1 [2].
Scotophilus nucella Robbins, 1984
 USNM: 1 [1].
Scotophilus viridis (Peters, 1852)
 BMNH: 2, USNM: 34 [36].

Total Specimens for Ghana: 816

Guinea

- Epomophorus gambianus* (Ogilby, 1835)
MNHN: 1 [1].
- Hipposideros caffer* (Sundevall, 1846)
ZMB: 4 [4].
- Hipposideros lamottei* Brosset, 1985
MNHN: 3 [3].
- Hypsugo eisentrauti* (Hill, 1968)
MNHN: 1 [1].
- Lavia frons* (E. Geoffroy St.-Hilaire, 1810)
ZMB: 1 [1].
- Miniopterus natalensis* (A. Smith, 1833)
MHNG: 1 [1].
- Neoromicia guineensis* (Bocage, 1889)
MNHN: 2 [2].
- Neoromicia tenuipinnis* (Peters, 1872)
ZMB: 1 [1].
- Nycteris gambiensis* (K. Andersen, 1912)
SMF: 3, SMNS: 7, ZFMK: 2 [12].
- Nycteris hispida* (Schreber, 1774)
NMW: 1 [1].
- Nycteris macrotis* Dobson, 1876
ZFMK: 1 [1].
- Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
SMNS: 4, ZFMK: 1 [5].
- Pipistrellus nanus* (Peters, 1852)
ZMB: 1 [1].
- Rhinolophus maclaudi* Pousargues, 1897
MNHN: 1 [1].
- Rhinolophus ziama* Fahr, Vierhaus, Hutterer and Kock, 2002
ZFMK: 1 [1].

Total Specimens for Guinea: 36

Guinea-Bissau

- Coleura afra* (Peters, 1852)
NMBE: 2 [2].
- Hipposideros commersoni* (E. Geoffroy St.-Hilaire, 1813)
RMCA: 2, ZMB: 1 [3].
- Micropteropus pusillus* (Peters, 1868)
ZMB: 1 [1].
- Mops (Mops) condylurus* (A. Smith, 1833)
NMBE: 3, RMCA: 3 [6].
- Neoromicia somalicus* (Thomas, 1901)
CZL: 2 [2].
- Nycteris gambiensis* (K. Andersen, 1912)
MHNG: 3, RMCA: 2 [5].
- Nycteris macrotis* Dobson, 1876
MHNG: 1, NMBE: 1, RMCA: 1 [3].
- Pipistrellus nanus* (Peters, 1852)
CZL: 3 [3].
- Scotophilus leucogaster* (Cretzschmar, 1826)
BMNH: 1 [1].

Total Specimens for Guinea-Bissau: 26

India

- Myotis blythii* (Tomes, 1857)
BMNH: 2 [2].
- Rhinopoma hardwickii* Gray, 1831
BMNH: 1 [1].

Total Specimens for India: 3

Iran

- Triaenops persicus* Dobson, 1871
BMNH: 1 [1].

Total Specimens for Iran: 1

Italy

- Hypsugo savii* (Bonaparte, 1837)
BMNH: 1 [1].
- Myotis capaccinii* (Bonaparte, 1837)
BMNH: 1 [1].

Total Specimens for Italy: 2

Kenya

- Cardioderma cor* (Peters, 1872)
ZMB: 2 [2].
- Chaerephon pumilus* (Cretzschmar, 1826)
BMNH: 1, ZMB: 4 [5].
- CHIROPTERA* Blumenbach, 1779
BMNH: 5, ROM: 3 [8].
- Cloeotis percivali* Thomas, 1901
BMNH: 2 [2].
- Epomophorus labiatus* (Temminck, 1837)
BMNH: 3, MCZ: 1, RMNH: 1, ROM: 9, SMF: 1, USNM: 33, WNMU: 3, ZMB: 2 [53].
- Epomophorus minimus* Claessen & De Vree, 1991
AMNH: 1, BMNH: 11, CM: 10, RMCA: 2, ROM: 15, USNM: 1, WNMU: 3 [43].
- Epomophorus wahlbergi* (Sundevall, 1846)
BMNH: 8, CM: 28, FMNH: 1, HZM: 6, MWSU: 1, NRM: 2, RMCA: 5, RMNH: 24, ROM: 8, SMF: 8, SMNS: 1, USNM: 25, WNMU: 3, ZMB: 10 [130].
- Eptesicus hottentotus* (A. Smith, 1833)
CM: 1, ROM: 4, USNM: 1 [6].
- Hipposideros caffer* (Sundevall, 1846)
ZMB: 5 [5].
- Hipposideros commersoni* (E. Geoffroy St.-Hilaire, 1813)
BMNH: 1, ZMB: 1 [2].
- Hypsugo crassulus* (Thomas, 1904)
CM: 1, ROM: 7 [8].
- Hypsugo eisentrauti* (Hill, 1968)
AMNH: 1, CM: 8 [9].
- Kerivoula argentata* Tomes, 1861
LACM: 1 [1].
- Kerivoula lanosa* (A. Smith, 1847)
LACM: 2 [2].
- Laephotis wintoni* Thomas, 1901
BMNH: 1, HZM: 1, ROM: 2 [4].
- Lavia frons* (E. Geoffroy St.-Hilaire, 1810)
TM: 1, ZMB: 8 [9].
- Mimetillus moloneyi* (Thomas, 1891)
AMNH: 2, BMNH: 1, HZM: 2, LACM: 6, ROM: 12 [23].
- Miniopterus natalensis* (A. Smith, 1833)
USNM: 1 [1].
- Mops (Xiphonycteris) nanulus* J.A. Allen, 1917
BMNH: 1 [1].
- Myonycteris (Myonycteris) relicta* Bergmans, 1980
RMNH: 1 [1].
- Myotis bocagii* (Peters, 1870)
NMK: 6, SMF: 2 [8].
- Myotis bocagii bocagii* (Peters, 1870)
BMNH: 1 [1].
- Neoromicia capensis* (A. Smith, 1829)
CAS: 1, FMNH: 2, SMF: 1, USNM: 6 [10].
- Neoromicia helios* (Heller, 1912)
CM: 20, HZM: 4, NAU: 10, ROM: 41, USNM: 1 [76].
- Neoromicia rendalli* (Thomas, 1889)
AMNH: 1, CM: 2, MCZ: 1, USNM: 1, ZMA: 6 [11].
- Neoromicia somalicus* (Thomas, 1901)
AMNH: 1, CM: 7, HZM: 1, ROM: 3, USNM: 1 [13].
- Neoromicia tenuipinnis* (Peters, 1872)
ROM: 14, USNM: 4 [18].
- Neoromicia zuluensis* (Roberts, 1924)
CM: 1, ROM: 40, SMF: 1 [42].
- Nycteris arge* Thomas, 1903
BMNH: 2, USNM: 1 [3].
- Nycteris aurita* (K. Andersen, 1912)
BMNH: 6, ROM: 3, USNM: 6, ZMUC: 1 [16].
- Nycteris grandis* Peters, 1865
SMF: 1 [1].
- Nycteris hispida* (Schreber, 1774)
BMNH: 15, CAS: 1, RMNH: 1, ROM: 4, SMF: 3, USNM: 4, ZMB: 1 [29].

- Nycteris macrotis* Dobson, 1876
BMNH: 17, CM: 2, RMNH: 1, ROM: 5, SMF: 1, USNM: 10 [36].
- Nycteris nana* (K. Andersen, 1912)
BMNH: 3, MCZ: 1, SMF: 4, USNM: 2 [10].
- Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
BMNH: 23, CM: 4, NMW: 1, RMCA: 3, RMNH: 3, SMF: 4, SMNS: 1, USNM: 20, ZMB: 1 [60].
- Nycticeinops schlieffenii* (Peters, 1859)
MCZ: 1 [1].
- Pipistrellus aero* Heller, 1912
USNM: 3 [3].
- Pipistrellus hesperidus* (Temminck, 1840)
AMNH: 2, BMNH: 1, CM: 11, FMNH: 5, HZM: 1, SMF: 1, USNM: 3, YPM: 2 [26].
- Pipistrellus inexpectatus* Aellen, 1959
USNM: 1 [1].
- Pipistrellus nanulus* Thomas, 1904
USNM: 2 [2].
- Pipistrellus nanus* (Peters, 1852)
CM: 13, HZM: 8, MNHN: 1, NRM: 14, RMCA: 15, USNM: 6, ZMA: 8, ZMB: 3 [68].
- Platymops setiger* (Peters, 1878)
BMNH: 4, SMF: 3, ZMB: 1 [8].
- Rhinolophus capensis* Lichtenstein, 1823
ZMB: 1 [1].
- Rhinolophus fumigatus* Rüppell, 1842
BMNH: 1, SMF: 2 [3].
- Rhinolophus hildebrandtii* Peters, 1878
BMNH: 1, ZMB: 4 [5].
- Rhinolophus landeri* Martin, 1838
ZMB: 2 [2].
- Rhinopoma macinnesi* Hayman, 1937
AMNH: 3, BMNH: 10, HZM: 2, ROM: 34, SMF: 2 [51].
- Rousettus aegyptiacus* (E. Geoffroy St.-Hilaire, 1810)
ZMB: 1 [1].
- Rousettus lanosus* Thomas, 1906
BMNH: 1, ZMB: 1 [2].
- Scotoecus hindei* Thomas, 1901
BMNH: 1 [1].
- Scotophilus* Leach, 1821
ZMB: 1 [1].
- Scotophilus dinganii* (A. Smith, 1833)
BMNH: 17, RMNH: 18, ROM: 32, SMF: 13, ZMA: 5, ZMB: 1 [86].
- Scotophilus leucogaster* (Cretzschmar, 1826)
ROM: 8 [8].
- Scotophilus nigrita* (Schreber, 1774)
RMNH: 2 [2].
- Scotophilus nux* Thomas, 1904
ROM: 5 [5].
- Scotophilus viridis* (Peters, 1852)
RMNH: 27, ROM: 1, SMF: 1, ZMA: 8 [37].
- Tadarida fulminans* (Thomas, 1903)
ROM: 1 [1].
- Tadarida lobata* (Thomas, 1891)
BMNH: 1, NHMZ: 1 [2].
- Tadarida ventralis* (Heuglin, 1861)
BMNH: 1, LACM: 1, ROM: 31 [33].
- Taphozous hildegardeae* Thomas, 1909
BMNH: 1, ZMB: 2 [3].
- Taphozous mauritanus* E. Geoffroy St.-Hilaire, 1818
SMF: 4 [4].
- Taphozous perforatus* E. Geoffroy St.-Hilaire, 1818
BMNH: 1 [1].
- Triaenops persicus* Dobson, 1871
ZMB: 1 [1].

Total Specimens for Kenya: 1008

Lesotho

- Cistugo lesueuri* Roberts, 1919
NMB: 47 [47].
- Eptesicus hottentotus* (A. Smith, 1833)
NMB: 5 [5].
- Laephotis wintoni* Thomas, 1901
NMB: 5 [5].
- Miniopterus natalensis* (A. Smith, 1833)
NMB: 2 [2].

- Myotis tricolor* (Temminck, 1832)
NMB: 10 [10].
- Neoromicia capensis* (A. Smith, 1829)
NMB: 12, TM: 2, USNM: 9 [23].
- Rhinolophus clivosus* Cretzschmar, 1828
NMB: 21 [21].
- Rhinolophus darlingi* K. Andersen, 1905
NMB: 2 [2].

Total Specimens for Lesotho: 115

Liberia

- Epomops franqueti* (Tomes, 1860)
ZMB: 1 [1].
- Hypsugo eisentrauti* (Hill, 1968)
AMNH: 1 [1].
- Lavia frons* (E. Geoffroy St.-Hilaire, 1810)
ZMB: 1 [1].
- Nanonycteris veldkampii* (Jentink, 1888)
KBIN: 1 [1].
- Neoromicia brunneus* (Thomas, 1880)
AMNH: 1 [1].
- Neoromicia capensis* (A. Smith, 1829)
KBIN: 1 [1].
- Neoromicia tenuipinnis* (Peters, 1872)
AMNH: 1, FMNH: 2, RMCA: 1, USNM: 2 [6].
- Nycteris arge* Thomas, 1903
BMNH: 5, RMCA: 1, RMNH: 1 [7].
- Nycteris grandis* Peters, 1865
BMNH: 3, KBIN: 1, RMCA: 1, RMNH: 1 [6].
- Nycteris hispida* (Schreber, 1774)
BMNH: 1, RMNH: 1 [2].
- Nycteris macrotis* Dobson, 1876
BMNH: 1 [1].
- Pipistrellus nanulus* Thomas, 1904
AMNH: 2, BMNH: 1 [3].
- Pipistrellus nanus* (Peters, 1852)
HZM: 4, RMCA: 1, RMNH: 1, SMF: 3, USNM: 4 [13].
- Rhinolophus hillorum* Koopman, 1989
AMNH: 1 [1].

Total Specimens for Liberia: 45

Libya

- Pipistrellus deserti* Thomas, 1902
BMNH: 1 [1].
- Pipistrellus kuhlii* (Kuhl, 1817)
CM: 3, HZM: 1, KBIN: 1, MHNG: 1 [6].
- Pipistrellus pipistrellus* (Schreber, 1774)
CM: 14, USNM: 1 [15].
- Plecotus teneriffae* Barrett-Hamilton, 1907
NMP: 7, NMW: 17 [24].

Total Specimens for Libya: 46

Madagascar

- Chaerephon pumilus* (Cretzschmar, 1826)
ZMB: 3 [3].
- CHIROPTERA** Blumenbach, 1779
ZMB: 1 [1].
- Eidolon dupreanum* (Schegel, 1867)
ZMB: 9 [9].
- Emballonura atrata* Peters, 1874
FMNH: 12, MCZ: 13, MNHN: 11, ROM: 1, USNM: 2, ZMB: 1 [40].
- Emballonura tiavato* Goodman, Cardiff, Ranivo, Russell, and Yoder, 2006
FMNH: 39, MCZ: 2, MNHN: 1, UADBA: 3 [45].
- Hipposideros commersoni* (E. Geoffroy St.-Hilaire, 1813)
ZMB: 3 [3].
- Miniopterus* Bonaparte, 1837
ZMB: 27 [27].
- Miniopterus gleni* Peterson, Eger and Mitchell, 1995
ROM: 1 [1].

- Miniopterus majori* Thomas, 1906
BMNH: 1 [1].
- Miniopterus manavi* Thomas, 1906
BMNH: 1 [1].
- Mops (Mops) leucostigma* (G.M. Allen, 1918)
MCZ: 2 [2].
- Mops (Mops) midas* (Sundevall, 1843)
MNHN: 1 [1].
- Mormopterus jugularis* (Peters, 1865)
ZMB: 2 [2].
- Myotis goudoti* (A. Smith, 1834)
BMNH: 1, ZMB: 2 [3].
- Myzopoda aurita* Milne-Edwards and A. Grandidier, 1878
MNHN: 1, ZMB: 1 [2].
- Neoromicia capensis* (A. Smith, 1829)
MNHN: 4 [4].
- Neoromicia humbloti* (A. Milne-Edwards, 1881)
MNHN: 9 [9].
- Neoromicia malagasyensis* (Peterson, Eger and Mitchell, 1995)
ROM: 1 [1].
- Neoromicia matroka* (Thomas and Schwann, 1905)
BMNH: 7, ROM: 24 [31].
- Nycteris madagascariensis* G. Grandidier, 1937
MCZ: 2 [2].
- Otomops madagascariensis* Dorst, 1953
MNHN: 1 [1].
- Pipistrellus hesperidus* (Temminck, 1840)
FMNH: 4 [4].
- Pipistrellus nanus* (Peters, 1852)
MNHN: 2 [2].
- Pipistrellus rusticus* (Tomes, 1861)
MNHN: 1 [1].
- Pteropus rufus* E. Geoffroy St.-Hilaire, 1803
BMNH: 1, TM: 2, ZMB: 10 [13].
- Rousettus madagascariensis* G. Grandidier, 1929
MCZ: 1 [1].
- Scotophilus borbonicus* (E. Geoffroy St.-Hilaire, 1803)
MNHN: 3 [3].
- Scotophilus robustus* A. Milne-Edwards, 1881
MNHN: 3 [3].
- Scotophilus tandrefana* Goodman, Jankins and Ratrimomanarivo, 2005
FMNH: 5, MNHN: 1, UADBA: 2 [8].
- Tadarida fulminans* (Thomas, 1903)
BMNH: 1 [1].
- Taphozous mauritanus* E. Geoffroy St.-Hilaire, 1818
SMF: 1 [1].
- Triaenops auritus* G. Grandidier, 1912
MCZ: 1 [1].
- Triaenops furculus* Trouessart, 1906
MNHN: 1 [1].
- Triaenops rufus* Milne-Edwards, 1881
MNHN: 4 [4].

Total Specimens for Madagascar: 232

Madeira [Portugal]

- Nyctalus leisleri* (Kuhl, 1817)
BMNH: 1 [1].
- Pipistrellus maderensis* (Dobson, 1878)
BMNH: 1 [1].

Total Specimens for Madeira [Portugal]: 2

Malawi

- Chaerephon pumilus* (Cretzschmar, 1826)
TM: 1 [1].
- CHIROPTERA* Blumenbach, 1779
BMNH: 4, TM: 1 [5].
- Epomophorus anselii* Bergmans and Van Strien, 2004
ZMA: 3 [3].
- Epomophorus gambianus* (Ogilby, 1835)
BMNH: 1, TM: 3 [4].
- Epomophorus labiatus* (Temminck, 1837)

- AMNH: 1, BMNH: 3, CM: 5, HZM: 6, KM: 6, TM: 4 [25].
Epomophorus wahlbergi (Sundevall, 1846)
 BMNH: 2, CM: 1, HZM: 1, TM: 1 [5].
Eptesicus hottentotus (A. Smith, 1833)
 BMNH: 4, TM: 1 [5].
Hipposideros ruber (Noack, 1893)
 TM: 1 [1].
Kerivoula argentata Tomes, 1861
 TM: 2 [2].
Laephotis botswanae Setzer, 1971
 DCDH: 10, TM: 1 [11].
Miniopterus inflatus Thomas, 1903
 TM: 1 [1].
Miniopterus natalensis (A. Smith, 1833)
 TM: 3 [3].
Mops (Mops) condylurus (A. Smith, 1833)
 NHMZ: 7, TM: 6 [13].
Mops (Mops) midas (Sundevall, 1843)
 BMNH: 4 [4].
Neoromicia capensis (A. Smith, 1829)
 BMNH: 1, DCDH: 14, HZM: 1, TM: 4 [20].
Neoromicia flavescens (de Seabra, 1900)
 DCDH: 1, TM: 2 [3].
Neoromicia melckorum (Roberts, 1919)
 BMNH: 1, DCDH: 1 [2].
Neoromicia rendalli (Thomas, 1889)
 DCDH: 3 [3].
Neoromicia zuluensis (Roberts, 1924)
 DCDH: 7, HZM: 1 [8].
Nycteris hispida (Schreber, 1774)
 BMNH: 3, SMTD: 1 [4].
Nycteris macrotis Dobson, 1876
 BMNH: 3, TM: 1 [4].
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818
 BMNH: 8, KM: 3, KU: 2 [13].
Nycteris woodi K. Andersen, 1914
 BMNH: 2, KM: 1, KU: 1 [4].
Pipistrellus hesperidus (Temminck, 1840)
 BMNH: 11, DCDH: 48 [59].
Pipistrellus inexpectatus Aellen, 1959
 TM: 1 [1].
Pipistrellus nanus (Peters, 1852)
 DCDH: 49, KM: 15, TM: 8 [72].
Pipistrellus rueppellii (Fischer, 1829)
 BMNH: 5, DCDH: 15 [20].
Rhinolophus blasii Peters, 1867
 BMNH: 1, TM: 2 [3].
Rhinolophus clivosus Cretzschmar, 1828
 BMNH: 1, TM: 3 [4].
Rhinolophus darlingi K. Andersen, 1905
 TM: 1 [1].
Rhinolophus hildebrandtii Peters, 1878
 TM: 2 [2].
Rhinolophus landeri Martin, 1838
 TM: 1 [1].
Rhinolophus simulator K. Andersen, 1904
 SMF: 1 [1].
Scotoecus albofuscus (Thomas, 1890)
 BMNH: 1 [1].
Scotoecus hindei Thomas, 1901
 TM: 4 [4].
Scotophilus dinganii (A. Smith, 1833)
 BMNH: 4, TM: 2 [6].
Scotophilus leucogaster (Cretzschmar, 1826)
 BMNH: 5 [5].
Scotophilus nigrata (Schreber, 1774)
 BMNH: 2 [2].

Total Specimens for Malawi: 326

Mali

- Epomophorus gambianus* (Ogilby, 1835)
 FMNH: 3, MNHN: 5 [8].
Neoromicia rendalli (Thomas, 1889)

MNHN: 1 [1].
Pipistrellus nanus (Peters, 1852)
 ZMUC: 8 [8].
Scotophilus viridis (Peters, 1852)
 FMNH: 1 [1].

Total Specimens for Mali: 18

Malta

Plecotus teneriffae Barrett-Hamilton, 1907
 BMNH: 1 [1].

Total Specimens for Malta: 1

Mascarene Islands

Pteropus rodricensis Dobson, 1878
 BMNH: 1 [1].

Total Specimens for Mascarene Islands: 1

Mauritania

Nycteris hispida (Schreber, 1774)
 USNM: 52 [52].
Pipistrellus rueppellii (Fischer, 1829)
 USNM: 1 [1].
Rhinopoma hardwickii Gray, 1831
 USNM: 26 [26].
Rhinopoma microphyllum (Brünnich, 1782)
 USNM: 29 [29].

Total Specimens for Mauritania: 108

Mauritius

CHIROPTERA Blumenbach, 1779
 ZMB: 2 [2].
Mormopterus acetabulosus (Hermann, 1804)
 ZMB: 4 [4].
Pteropus niger (Kerr, 1792)
 ZMB: 2 [2].
Pteropus rodricensis Dobson, 1878
 BMNH: 1 [1].
Pteropus subniger (Kerr, 1792)
 ZMB: 2 [2].
Taphozous mauritanus E. Geoffroy St.-Hilaire, 1818
 ZMB: 1 [1].

Total Specimens for Mauritius: 12

Morocco

Eptesicus serotinus (Schreber, 1774)
 MNHN: 1 [1].
Hipposideros caffer (Sundevall, 1846)
 MNCN: 1, ZMB: 3 [4].
Hypsugo savii (Bonaparte, 1837)
 USNM: 1 [1].
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818
 BMNH: 1, USNM: 19 [20].
Pipistrellus kuhlii (Kuhl, 1817)
 MNHN: 4, SMF: 3, USNM: 10 [17].
Pipistrellus rueppellii (Fischer, 1829)
 MHNG: 1, USNM: 1 [2].
Plecotus teneriffae Barrett-Hamilton, 1907
 BMNH: 1, NMW: 12 [13].
Rhinolophus euryale Blasius, 1853
 ZMB: 2 [2].
Rhinolophus hipposideros (Bechstein, 1800)
 BMNH: 1 [1].
Rhinopoma hardwickii Gray, 1831
 MNHN: 8, USNM: 55 [63].
Rhinopoma microphyllum (Brünnich, 1782)

USNM: 4 [4].

Total Specimens for Morocco: 128

Mozambique

- Chaerephon pumilus* (Cretzschmar, 1826)
BMNH: 1, TM: 19, ZMB: 3 [23].
- CHIROPTERA* Blumenbach, 1779
NHMZ: 1 [1].
- Coleura afra* (Peters, 1852)
BMNH: 1, ZMB: 9 [10].
- Epomophorus gambianus* (Ogilby, 1835)
BMNH: 4, TM: 5, USNM: 4, ZMB: 6 [19].
- Epomophorus wahlbergi* (Sundevall, 1846)
BMNH: 3, HZM: 2, MWSU: 6, TM: 2, USNM: 20, ZMB: 1 [34].
- Eptesicus hottentotus* (A. Smith, 1833)
USNM: 5 [5].
- Hipposideros caffer* (Sundevall, 1846)
TM: 19, ZMB: 3 [22].
- Hipposideros commersoni* (E. Geoffroy St.-Hilaire, 1813)
NHMZ: 6, TM: 1, ZMB: 2 [9].
- Kerivoula argentata* Tomes, 1861
BMNH: 3 [3].
- Kerivoula lanosa* (A. Smith, 1847)
TM: 1 [1].
- Mimetillus moloneyi* (Thomas, 1891)
NHMZ: 1 [1].
- Miniopterus* Bonaparte, 1837
TM: 2 [2].
- Miniopterus natalensis* (A. Smith, 1833)
TM: 3 [3].
- MOLOSSIDAE* Gervais, 1856
TM: 3 [3].
- Mops (Mops) condylurus* (A. Smith, 1833)
DNSM: 2, TM: 35 [37].
- Mops (Xiphonycteris) brachypterus* (Peters, 1852)
ZMB: 1 [1].
- Neoromicia melckorum* (Roberts, 1919)
BMNH: 1, USNM: 2 [3].
- Nyctalus noctula* (Schreber, 1774)
ZMB: 1 [1].
- Nycteris hispida* (Schreber, 1774)
ZMB: 1, ZMH: 1 [2].
- Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
BMNH: 9, RMNH: 1, TM: 13, USNM: 63, ZMB: 5 [91].
- Nycteris woodi* K. Andersen, 1914
USNM: 1 [1].
- Nycticeinops schlieffenii* (Peters, 1859)
TM: 2 [2].
- Pipistrellus nanus* (Peters, 1852)
BMNH: 4, CZL: 2, NHMZ: 5, NMW: 1, TM: 4, USNM: 17, ZMB: 2 [35].
- Pteropus subniger* (Kerr, 1792)
ZMB: 1 [1].
- Rhinolophus clivus* Cretzschmar, 1828
TM: 7 [7].
- Rhinolophus hildebrandtii* Peters, 1878
SMF: 1 [1].
- Rhinolophus landeri* Martin, 1838
ZMB: 4 [4].
- Rousettus aegyptiacus* (E. Geoffroy St.-Hilaire, 1810)
TM: 2 [2].
- Sauromys petrophilus* (Roberts, 1917)
TM: 4 [4].
- Scotophilus* Leach, 1821
TM: 2 [2].
- Scotophilus dinganii* (A. Smith, 1833)
BMNH: 9, BZM: 1, TM: 5, ZMB: 1 [16].
- Scotophilus leucogaster* (Cretzschmar, 1826)
BMNH: 4 [4].
- Scotophilus viridis* (Peters, 1852)
BMNH: 5, TM: 2, ZMB: 1 [8].
- Tadarida aegyptiaca* (E. Geoffroy St.-Hilaire, 1818)
TM: 6 [6].
- Triaenops persicus* Dobson, 1871

NHMZ: 7, ROM: 8, TM: 18 [33].

Total Specimens for Mozambique: 397

Namibia

- Chaerephon chapini* J.A. Allen, 1917
BMNH: 1 [1].
- Chaerephon nigeriae* Thomas, 1913
TM: 3 [3].
- Cistugo seabrae* Thomas, 1912
BMNH: 2, TM: 16 [18].
- Eidolon helvum* (Kerr, 1792)
ZMB: 1 [1].
- Epomophorus* Bennett, 1836
TM: 3 [3].
- Epomophorus angolensis* Gray, 1870
BMNH: 19, KM: 5, SMW: 5, TM: 1, ZMB: 3 [33].
- Epomophorus gambianus* (Ogilby, 1835)
AMNH: 1, KM: 1, SMW: 1, TM: 8 [11].
- Epomophorus wahlbergi* (Sundevall, 1846)
TM: 3 [3].
- Eptesicus hottentotus* (A. Smith, 1833)
AMNH: 2, CM: 11, LACM: 5, NHMZ: 2, SMF: 1, TM: 26, USNM: 3 [50].
- Glauconycteris variegata* (Tomes, 1861)
BMNH: 2, ZMB: 1 [3].
- Hipposideros* Gray, 1831
TM: 1 [1].
- Hipposideros caffer* (Sundevall, 1846)
TM: 9, ZMB: 5 [14].
- Hipposideros commersoni* (E. Geoffroy St.-Hilaire, 1813)
TM: 5, ZMB: 3 [8].
- Laephotis namibensis* Setzer, 1971
SAMC: 1, TM: 6, USNM: 2 [9].
- Miniopterus* Bonaparte, 1837
TM: 1, ZMB: 1 [2].
- Miniopterus natalensis* (A. Smith, 1833)
BMNH: 1, TM: 19 [20].
- MOLOSSIDAE Gervais, 1856
BMNH: 1, TM: 3 [4].
- Mops (Mops) midas* (Sundevall, 1843)
TM: 6 [6].
- Neoromicia capensis* (A. Smith, 1829)
AMNH: 1, BMNH: 5, CM: 4, FMNH: 7, KM: 21, SMF: 3, TM: 22, ZMB: 3 [66].
- Neoromicia melckorum* (Roberts, 1919)
TM: 2 [2].
- Neoromicia somalicus* (Thomas, 1901)
AMNH: 1, CM: 3, ZFMK: 1 [5].
- Neoromicia zuluensis* (Roberts, 1924)
KM: 3, NHMZ: 11, TM: 4, ZFMK: 1 [19].
- Nycteris* G. Cuvier and E. Geoffroy, 1795
TM: 5 [5].
- Nycteris hispida* (Schreber, 1774)
KM: 1, TM: 1 [2].
- Nycteris macrotis* Dobson, 1876
ZMB: 1 [1].
- Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
BMNH: 74, KM: 39, NMW: 3, SMF: 3, SMNS: 5, TM: 43, USNM: 13, ZFMK: 16, ZMB: 4, ZMH: 3 [203].
- Nycticeinops schlieffenii* (Peters, 1859)
BMNH: 2, TM: 1 [3].
- Pipistrellus nanus* (Peters, 1852)
BMNH: 2 [2].
- Pipistrellus rusticus* (Tomes, 1861)
BMNH: 2, KM: 2 [4].
- Rhinolophus capensis* Lichtenstein, 1823
ZMB: 1 [1].
- Rhinolophus clivosus* Cretzschmar, 1828
TM: 1 [1].
- Rhinolophus darlingi* K. Andersen, 1905
TM: 14, ZMB: 4 [18].
- Rhinolophus deckenii* Peters, 1867
ZMB: 2 [2].
- Rhinolophus denti* Thomas, 1904
ZMB: 1 [1].
- Rhinolophus fumigatus* Rüppell, 1842

- TM: 5, ZMB: 4 [9].
Rhinolophus landeri Martin, 1838
 ZMB: 2 [2].
Sauromys petrophilus (Roberts, 1917)
 BMNH: 2, SAMC: 1, SMF: 1, TM: 94 [98].
Scotophilus Leach, 1821
 BMNH: 2 [2].
Scotophilus dinganii (A. Smith, 1833)
 BMNH: 9, SMF: 2, TM: 1, ZFMK: 8 [20].
Scotophilus leucogaster (Cretzschmar, 1826)
 BMNH: 8 [8].
Tadarida aegyptiaca (E. Geoffroy St.-Hilaire, 1818)
 MMK: 5, TM: 55 [60].
Tadarida fulminans (Thomas, 1903)
 TM: 1 [1].
Taphozous mauritanus E. Geoffroy St.-Hilaire, 1818
 BMNH: 1 [1].

Total Specimens for Namibia: 726

NE Africa

- Kerivoula lanosa* (A. Smith, 1847)
 BMNH: 1 [1].

Total Specimens for NE Africa: 1

Niger

- Epomophorus gambianus* (Ogilby, 1835)
 SMF: 3, USNM: 1 [4].
Neoromicia rendalli (Thomas, 1889)
 USNM: 1 [1].
Nycteris macrotis Dobson, 1876
 USNM: 1 [1].
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818
 BMNH: 3, RMCA: 1, USNM: 1 [5].
Rhinopoma hardwickii Gray, 1831
 BMNH: 1, FMNH: 3, MNHN: 1, RMCA: 25 [30].

Total Specimens for Niger: 41

Nigeria

- Chaerephon ansorgei* (Thomas, 1913)
 SMNS: 1 [1].
Chaerephon leucogaster (A. Grandidier, 1869)
 BMNH: 1 [1].
Chaerephon major (Trouessart, 1897)
 SMNS: 4, ZFMK: 4 [8].
Chaerephon nigeriae Thomas, 1913
 BMNH: 1 [1].
Epomophorus gambianus (Ogilby, 1835)
 BMNH: 2, FMNH: 2, HZM: 8, RMNH: 8, USNM: 48, ZMB: 1 [69].
Epomops franqueti (Tomes, 1860)
 BMNH: 1, SMNS: 1, ZMB: 1 [3].
Eptesicus platyops (Thomas, 1901)
 BMNH: 1 [1].
Glauconycteris poensis (Gray, 1842)
 BMNH: 1 [1].
Hipposideros ruber (Noack, 1893)
 SMNS: 2, ZFMK: 1 [3].
Hypsignathus monstrosus H. Allen, 1862
 BMNH: 1 [1].
Kerivoula smithii Thomas, 1880
 BMNH: 1 [1].
Lissonycteris angolensis (Bocage, 1898)
 ZFMK: 1 [1].
Micropteropus pusillus (Peters, 1868)
 ZMB: 4 [4].
Mimetillus moloneyi (Thomas, 1891)
 BMNH: 1 [1].
Mops (Xiphonycteris) nanulus J.A. Allen, 1917
 BMNH: 3 [3].
Neoromicia brunneus (Thomas, 1880)

- BMNH: 1 [1].
Neoromicia capensis (A. Smith, 1829)
 SMNS: 1 [1].
Neoromicia rendalli (Thomas, 1889)
 HZM: 3, USNM: 1 [4].
Neoromicia somalicus (Thomas, 1901)
 USNM: 1, ZMA: 3 [4].
Neoromicia tenuipinnis (Peters, 1872)
 USNM: 1 [1].
Nycteris arge Thomas, 1903
 BMNH: 1 [1].
Nycteris gambiensis (K. Andersen, 1912)
 BMNH: 2, USNM: 34 [36].
Nycteris grandis Peters, 1865
 BMNH: 2 [2].
Nycteris hispida (Schreber, 1774)
 BMNH: 18, USNM: 22 [40].
Nycteris macrotis Dobson, 1876
 BMNH: 4, USNM: 18 [22].
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818
 BMNH: 1, USNM: 30 [31].
Pipistrellus deserti Thomas, 1902
 ROM: 1 [1].
Pipistrellus hesperidus (Temminck, 1840)
 SMNS: 2 [2].
Pipistrellus inexpectatus Aellen, 1959
 ROM: 1 [1].
Pipistrellus nanus (Peters, 1852)
 AMNH: 1, BMNH: 2, HZM: 4, USNM: 3, ZMUC: 2 [12].
Pipistrellus rueppellii (Fischer, 1829)
 MHNG: 1, USNM: 1 [2].
Rhinolophus fumigatus Rüppell, 1842
 BMNH: 1 [1].
Rhinolophus simulator K. Andersen, 1904
 ZFMK: 2 [2].
Rhinopoma microphyllum (Brünnich, 1782)
 BMNH: 1 [1].
Scotoecus hindei Thomas, 1901
 BMNH: 1 [1].
Scotophilus dinganii (A. Smith, 1833)
 BMNH: 2, ZMA: 13 [15].
Scotophilus leucogaster (Cretzschmar, 1826)
 BMNH: 1, RMNH: 1, ZMA: 2 [4].
Scotophilus nigrita (Schreber, 1774)
 BMNH: 1, ZMA: 1 [2].
Scotophilus viridis (Peters, 1852)
 BMNH: 1, ZMA: 2 [3].
Taphozous mauritanus E. Geoffroy St.-Hilaire, 1818
 SMF: 1 [1].
Taphozous perforatus E. Geoffroy St.-Hilaire, 1818
 BMNH: 1 [1].

Total Specimens for Nigeria: 291

Reunion

- Scotophilus borbonicus* (E. Geoffroy St.-Hilaire, 1803)
 RMNH: 1 [1].

Total Specimens for Reunion: 1

Réunion

- Hipposideros commersoni* (E. Geoffroy St.-Hilaire, 1813)
 ZMB: 1 [1].
Mormopterus acetabulosus (Hermann, 1804)
 ZMB: 3 [3].
Pteropus subniger (Kerr, 1792)
 ZMB: 3 [3].

Total Specimens for Réunion: 7

Rwanda

- Chaerephon ansorgei* (Thomas, 1913)

- KBIN: 1, RMCA: 11 [12].
CHIROPTERA Blumenbach, 1779
 RMCA: 2 [2].
Eidolon helvum (Kerr, 1792)
 KBIN: 6, RMCA: 4, ZMB: 16 [26].
Epomophorus labiatus (Temminck, 1837)
 KBIN: 3, RMCA: 101, ZMZ: 11 [115].
Epomops dobsonii (Bocage, 1889)
 KBIN: 1 [1].
Glauconycteris argentata (Dobson, 1875)
 RMCA: 1, ZMB: 1 [2].
Hipposideros caffer (Sundevall, 1846)
 ZMB: 1 [1].
Hipposideros commersoni (E. Geoffroy St.-Hilaire, 1813)
 RMCA: 1 [1].
Hipposideros ruber (Noack, 1893)
 KBIN: 1, RMCA: 15 [16].
Hypsugo eisentrauti (Hill, 1968)
 SMF: 1 [1].
Lavia frons (E. Geoffroy St.-Hilaire, 1810)
 RMCA: 6, ZMB: 1 [7].
Mops (Mops) niveiventer Cabrera and Ruxton, 1926
 RMCA: 9 [9].
Myotis bocagii (Peters, 1870)
 RMCA: 4 [4].
Myotis welwitschii (Gray, 1866)
 RMCA: 1 [1].
Neoromicia somalicus (Thomas, 1901)
 RMCA: 2 [2].
Neoromicia tenuipinnis (Peters, 1872)
 RMCA: 2 [2].
Neoromicia zuluensis (Roberts, 1924)
 ZMZ: 1 [1].
Nycteris hispida (Schreber, 1774)
 RMCA: 7 [7].
Nycteris macrotis Dobson, 1876
 BMNH: 6, KBIN: 16, MHNG: 1, RMCA: 19 [42].
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818
 KBIN: 12, RMCA: 2 [14].
Otomops martiensseni (Matschie, 1897)
 RMCA: 1 [1].
Pipistrellus hesperidus (Temminck, 1840)
 RMCA: 3 [3].
Pipistrellus nanus (Peters, 1852)
 KBIN: 11, RMCA: 81 [92].
Rhinolophus clivosus Cretzschmar, 1828
 KBIN: 9, RMCA: 4 [13].
Rhinolophus ruwenzorii J. Eric Hill, 1942
 ZMZ: 1 [1].
Rousettus aegyptiacus (E. Geoffroy St.-Hilaire, 1810)
 KBIN: 1 [1].
Rousettus lanosus Thomas, 1906
 RMCA: 7 [7].
Tadarida fulminans (Thomas, 1903)
 KBIN: 1, RMCA: 15 [16].
Taphozous mauritanus E. Geoffroy St.-Hilaire, 1818
 RMCA: 3 [3].

Total Specimens for Rwanda: 403

São Tomé and Príncipe

- Chaerephon tomensis* (Juste and Ibáñez, 1993)
 EBD: 1 [1].
Hipposideros caffer (Sundevall, 1846)
 ZMB: 1 [1].
Hipposideros ruber (Noack, 1893)
 ZMB: 6 [6].
Myonycteris (Phygetis) brachycephala (Bocage, 1889)
 MLZA: 1 [1].
Rousettus aegyptiacus (E. Geoffroy St.-Hilaire, 1810)
 MTB: 1 [1].

Total Specimens for São Tomé and Príncipe: 10

Saudi-Arabia

Rhinolophus clivosus Cretzschmar, 1828
SMF: 1 [1].

Total Specimens for Saudi-Arabia: 1

Senegal

Chaerephon pumilus (Cretzschmar, 1826)
ZMB: 2 [2].
CHIROPTERA Blumenbach, 1779
ZMB: 1 [1].
Epomophorus gambianus (Ogilby, 1835)
BMNH: 1, FMNH: 1, USNM: 7, ZFMK: 3, ZMB: 4 [16].
Eptesicus Rafinesque, 1820
RMCA: 1 [1].
Eptesicus platyops (Thomas, 1901)
KBIN: 1 [1].
Kerivoula argentata Tomes, 1861
MHNG: 1 [1].
Lavia frons (E. Geoffroy St.-Hilaire, 1810)
ZMB: 1 [1].
Neoromicia guineensis (Bocage, 1889)
FMNH: 1, MHNG: 2 [3].
Nycteris gambiensis (K. Andersen, 1912)
BMNH: 3, MHNG: 1, MNHN: 15, USNM: 54, ZFMK: 2 [75].
Nycteris hispida (Schreber, 1774)
BMNH: 4, RMCA: 1, USNM: 21, ZFMK: 8 [34].
Nycteris macrotis Dobson, 1876
KBIN: 3, MHNG: 1, MNHN: 23, NMW: 6, USNM: 75, ZFMK: 10 [118].
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818
BMNH: 1, MHNG: 1, MNHN: 9, ZFMK: 10 [21].
Nycticeinops schlieffenii (Peters, 1859)
ZMB: 8 [8].
Pipistrellus deserti Thomas, 1902
MHNG: 1 [1].
Pipistrellus nanulus Thomas, 1904
MHNG: 1 [1].
Pipistrellus nanus (Peters, 1852)
KBIN: 9, MNHN: 7, RMCA: 2, USNM: 1 [19].
Pipistrellus rueppellii (Fischer, 1829)
MNHN: 3 [3].
Pipistrellus rusticus (Tomes, 1861)
MHNG: 2, MNHN: 1 [3].
Rhinolophus Lacépède, 1799
ZMB: 1 [1].
Rhinolophus fumigatus Rüppell, 1842
BMNH: 1 [1].
Rhinopoma hardwickii Gray, 1831
MNHN: 5 [5].
Scotophilus leucogaster (Cretzschmar, 1826)
KBIN: 9, MNHN: 1, USNM: 17 [27].
Scotophilus nigrita (Schreber, 1774)
MNHN: 1, ZMB: 24 [25].
Scotophilus viridis (Peters, 1852)
BMNH: 1, KBIN: 1 [2].
Taphozous E. Geoffroy St.-Hilaire, 1818
ZMB: 14 [14].
Vespertilioninae Gray, 1821
ZMB: 1 [1].

Total Specimens for Senegal: 385

Seychelle Islands

Coleura seychellensis Peters, 1868
BMNH: 2 [2].

Total Specimens for Seychelle Islands: 2

Sierra Leone

Epomophorus gambianus (Ogilby, 1835)
BMNH: 2, ROM: 1 [3].

- Hipposideros jonesi* Hayman, 1947
BMNH: 1 [1].
- Hypsugo musciculus* (Thomas, 1913)
BMNH: 1, USNM: 1 [2].
- Lissonycteris smithii* (Thomas, 1908)
BMNH: 1 [1].
- Mimetillus moloneyi* (Thomas, 1891)
BMNH: 1, HZM: 1 [2].
- Mops (Xiphonycteris) brachypterus* (Peters, 1852)
BMNH: 1 [1].
- Myonycteris (Myonycteris) torquata* (Dobson, 1878)
BMNH: 1 [1].
- Neoromicia brunneus* (Thomas, 1880)
USNM: 2 [2].
- Neoromicia rendalli* (Thomas, 1889)
USNM: 2 [2].
- Neoromicia somalicus* (Thomas, 1901)
USNM: 3 [3].
- Neoromicia tenuipinnis* (Peters, 1872)
USNM: 5 [5].
- Nycteris arge* Thomas, 1903
BMNH: 2 [2].
- Nycteris hispida* (Schreber, 1774)
BMNH: 9, NMBE: 2 [11].
- Nycteris macrotis* Dobson, 1876
BMNH: 13, USNM: 2 [15].
- Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
BMNH: 2 [2].
- Pipistrellus inexpectatus* Aellen, 1959
USNM: 1 [1].
- Pipistrellus nanulus* Thomas, 1904
BMNH: 2, USNM: 5 [7].
- Pipistrellus nanus* (Peters, 1852)
NMBE: 4, USNM: 6 [10].
- Scotophilus dinganii* (A. Smith, 1833)
BMNH: 1, ROM: 1, ZFMK: 1 [3].
- Scotophilus leucogaster* (Cretzschmar, 1826)
BMNH: 2 [2].

Total Specimens for Sierra Leone: 76

Somalia

- CHIROPTERA** Blumenbach, 1779
ZMB: 2 [2].
- Coleura afra* (Peters, 1852)
BMNH: 1, ZMB: 24 [25].
- Epomophorus labiatus* (Temminck, 1837)
ZMB: 1 [1].
- Epomophorus minimus* Claessen & De Vree, 1991
BMNH: 1, CM: 93, MZUF: 13 [107].
- Epomophorus wahlbergi* (Sundevall, 1846)
BMNH: 1, CM: 55, MZUF: 5, USNM: 1 [62].
- Glauconycteris variegata* (Tomes, 1861)
ZMB: 1 [1].
- Hipposideros caffer* (Sundevall, 1846)
ZMB: 19 [19].
- Lavia frons* (E. Geoffroy St.-Hilaire, 1810)
TM: 6, ZMB: 3 [9].
- Neoromicia helios* (Heller, 1912)
CM: 9, MZUF: 1 [10].
- Neoromicia rendalli* (Thomas, 1889)
CM: 13, ZMB: 4 [17].
- Neoromicia somalicus* (Thomas, 1901)
BMNH: 1, CM: 15 [16].
- Neoromicia tenuipinnis* (Peters, 1872)
MZUF: 2 [2].
- Nycteris aurita* (K. Andersen, 1912)
BMNH: 1, MZUF: 6 [7].
- Nycteris hispida* (Schreber, 1774)
MZUF: 2, USNM: 1 [3].
- Nycteris macrotis* Dobson, 1876
BMNH: 3, MSNM: 1 [4].
- Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
BMNH: 11, MNHN: 4, MSNM: 7, MZUF: 6, ZMB: 1 [29].

Pipistrellus deserti Thomas, 1902
 CM: 1 [1].
Pipistrellus nanus (Peters, 1852)
 ZMB: 1 [1].
Pipistrellus rusticus (Tomes, 1861)
 MZUF: 1 [1].
Rhinolophus blasii Peters, 1867
 BMNH: 1 [1].
Rhinopoma hardwickii Gray, 1831
 MZUF: 10 [10].
Rhinopoma macinnesi Hayman, 1937
 MZUF: 15 [15].
Scotophilus dinganii (A. Smith, 1833)
 BMNH: 1, ZMB: 1 [2].
Scotophilus nigrata (Schreber, 1774)
 ZMB: 1 [1].

Total Specimens for Somalia: 346

South Africa

Chaerephon ansorgei (Thomas, 1913)
 TM: 14 [14].
Chaerephon nigeriae Thomas, 1913
 DNSM: 2, NM: 1, TM: 3 [6].
Chaerephon pumilus (Cretzschmar, 1826)
 DNSM: 50, TM: 443 [493].
 CHIROPTERA Blumenbach, 1779
 DNSM: 1, SAMC: 3, SRSITE: 1, TM: 3 [8].
Cistugo lesueuri Roberts, 1919
 NMB: 16, SAMC: 2, TM: 9 [27].
Cistugo seabrae Thomas, 1912
 KM: 8, TM: 4 [12].
Cloeotis percivali Thomas, 1901
 DNSM: 23, ROM: 2, TM: 19 [44].
Eidolon helvum (Kerr, 1792)
 NMB: 7, TM: 6 [13].
Epomophorus gambianus (Ogilby, 1835)
 BMNH: 1, CM: 1, TM: 68, ZMB: 2 [72].
Epomophorus wahlbergi (Sundevall, 1846)
 BMNH: 6, CM: 8, DNSM: 6, HZM: 3, KM: 19, NMB: 1, NRM: 2, SMNS: 3, TM: 84, USNM: 7, WNMU: 14, ZMB: 2 [155].
Eptesicus hottentotus (A. Smith, 1833)
 CM: 4, DNSM: 2, KM: 12, MMK: 7, NMB: 1, SAMC: 6, TM: 25, USNM: 2, ZMA: 3 [62].
Glauconycteris variegata (Tomes, 1861)
 DNSM: 2, TM: 13 [15].
Hipposideros Gray, 1831
 ZMB: 1 [1].
Hipposideros caffer (Sundevall, 1846)
 BMNH: 2, DNSM: 36, TM: 183, ZMB: 1 [222].
Hipposideros commersoni (E. Geoffroy St.-Hilaire, 1813)
 TM: 5 [5].
Hypsugo anchietae (de Seabra, 1900)
 DNSM: 8, TM: 5 [13].
Kerivoula Gray, 1842
 TM: 1 [1].
Kerivoula argentata Tomes, 1861
 AMNH: 1, FMNH: 1, TM: 5 [7].
Kerivoula lanosa (A. Smith, 1847)
 BMNH: 3, SAMC: 5, TM: 8 [16].
Laephotis botswanae Setzer, 1971
 DNSM: 3, TM: 7 [10].
Laephotis namibensis Setzer, 1971
 SAMC: 2, TM: 2 [4].
Laephotis wintoni Thomas, 1901
 NMB: 2 [2].
Miniopterus Bonaparte, 1837
 DNSM: 3, SAMC: 2, TM: 2, ZMB: 1 [8].
Miniopterus fraterculus Thomas and Schwann, 1906
 BMNH: 1, DNSM: 4, TM: 63 [68].
Miniopterus natalensis (A. Smith, 1833)
 BMNH: 4, DNSM: 16, NMB: 145, RMNH: 1, TM: 435 [601].
 MOLOSSIDAE Gervais, 1856
 TM: 21 [21].
Molossinae Gervais, 1856
 TM: 1 [1].

- Mops* Lesson, 1842
DNSM: 1, TM: 3 [4].
- Mops (Mops) condylurus* (A. Smith, 1833)
DNSM: 19, TM: 307 [326].
- Mops (Mops) midas* (Sundevall, 1843)
TM: 47 [47].
- Myotis* Kaup, 1829
TM: 1 [1].
- Myotis bocagii* (Peters, 1870)
DNSM: 4, TM: 18 [22].
- Myotis tricolor* (Temminck, 1832)
DNSM: 4, NMB: 10, SAMC: 1, TM: 131 [146].
- Myotis welwitschii* (Gray, 1866)
NMB: 1, TM: 4 [5].
- Neoromicia capensis* (A. Smith, 1829)
AMNH: 11, BMNH: 10, CM: 70, DNSM: 65, HZM: 5, KM: 58, MCZ: 1, MMK: 12, MNHN: 1, MZUF: 1, NM: 3, NMB: 283, SAMC: 3, TM: 806, ZMA: 8, ZMB: 11 [1348].
- Neoromicia cf. melckorum* Roberts, 1919
TM: 4 [4].
- Neoromicia melckorum* (Roberts, 1919)
CM: 2, MNHN: 1, TM: 20, USNM: 9, ZMA: 2 [34].
- Neoromicia rendalli* (Thomas, 1889)
DNSM: 4 [4].
- Neoromicia somalicus* (Thomas, 1901)
AMNH: 2, MHNG: 1 [3].
- Neoromicia zuluensis* (Roberts, 1924)
CM: 7, DNSM: 2, TM: 46 [55].
- Nycteris* G. Cuvier and E. Geoffroy, 1795
DNSM: 1, TM: 3 [4].
- Nycteris hispida* (Schreber, 1774)
BMNH: 1, MSNG: 1, SAMC: 1 [3].
- Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
BMNH: 23, CM: 1, DNSM: 30, KBIN: 1, KM: 7, NMB: 5, NMW: 3, OSU: 1, SMF: 3, TM: 237, USNM: 13, ZFMK: 3, ZMB: 2 [329].
- Nycteris woodi* K. Andersen, 1914
TM: 9 [9].
- Nycticeinops schlieffenii* (Peters, 1859)
DNSM: 1, TM: 290 [291].
- Otomops martiensseni* (Matschie, 1897)
DNSM: 2, TM: 24 [26].
- Pipistrellus* Kaup, 1829
NMB: 1, ROM: 1 [2].
- Pipistrellus hesperidus* (Temminck, 1840)
CM: 6, DNSM: 34, TM: 40 [80].
- Pipistrellus nanus* (Peters, 1852)
BMNH: 4, CM: 7, DNSM: 25, HZM: 1, MNHN: 3, NM: 1, SMF: 1, TM: 235, USNM: 3 [280].
- Pipistrellus rueppellii* (Fischer, 1829)
AMNH: 2, CM: 1, MMK: 1, TM: 8 [12].
- Pipistrellus rusticus* (Tomes, 1861)
AMNH: 8, BMNH: 2, CM: 28, DNSM: 12, TM: 351 [401].
- Rhinolophus* Lacépède, 1799
TM: 65 [65].
- Rhinolophus blasii* Peters, 1867
TM: 58 [58].
- Rhinolophus capensis* Lichtenstein, 1823
NRM: 1, SMF: 8, TM: 37, ZMB: 2 [48].
- Rhinolophus clivosus* Cretzschmar, 1828
BMNH: 2, DNSM: 5, NMB: 118, TM: 307, ZMB: 4 [436].
- Rhinolophus darlingi* K. Andersen, 1905
DNSM: 2, NMB: 1, TM: 111, ZMB: 1 [115].
- Rhinolophus denti* Thomas, 1904
BMNH: 1, NMB: 18, TM: 121 [140].
- Rhinolophus fumigatus* Rüppell, 1842
TM: 17 [17].
- Rhinolophus hildebrandtii* Peters, 1878
TM: 56 [56].
- Rhinolophus landeri* Martin, 1838
TM: 4, ZMB: 1 [5].
- Rhinolophus simulator* K. Andersen, 1904
DNSM: 5, SMF: 10, TM: 184 [199].
- Rhinolophus swinnyi* Gough, 1908
DNSM: 2, TM: 30 [32].
- Rousettus aegyptiacus* (E. Geoffroy St.-Hilaire, 1810)
DNSM: 9, TM: 268, ZMB: 3 [280].
- Rousettus obliviosus* Kock, 1978
ZMB: 1 [1].

- Sauromys petrophilus* (Roberts, 1917)
DNSM: 2, MMK: 14, NHMZ: 2, SAMC: 1, TM: 100 [119].
- Scotoecus albofuscus* (Thomas, 1890)
DNSM: 2 [2].
- Scotophilus* Leach, 1821
DNSM: 1, MMK: 1, SAMC: 2, TM: 160 [164].
- Scotophilus dinganii* (A. Smith, 1833)
BMNH: 7, DNSM: 23, NMB: 1, RMNH: 1, ROM: 5, SAMC: 2, SMF: 1, TM: 375 [415].
- Scotophilus leucogaster* (Cretzschmar, 1826)
DNSM: 1, TM: 3 [4].
- Scotophilus viridis* (Peters, 1852)
DNSM: 2, NHMZ: 3, TM: 97 [102].
- Tadarida aegyptiaca* (E. Geoffroy St.-Hilaire, 1818)
DNSM: 22, MMK: 3, NM: 6, NMB: 95, TM: 246 [372].
- Tadarida fulminans* (Thomas, 1903)
TM: 3 [3].
- Tadarida ventralis* (Heuglin, 1861)
BMNH: 1 [1].
- Taphozous mauritanus* E. Geoffroy St.-Hilaire, 1818
TM: 44 [44].
- VESPERTILIONIDAE Gray, 1821
DNSM: 1, SAMC: 6, TM: 1 [8].
- Vespertilioninae* Gray, 1821
SAMC: 7, TM: 5 [12].

Total Specimens for South Africa: 8035

Spain

- Myotis nattereri* (Kuhl, 1817)
MNCN: 1 [1].

Total Specimens for Spain: 1

Sudan

- Chaerephon bennelini* (Jentink, 1879)
BMNH: 1 [1].
- Coleura afra* (Peters, 1852)
BMNH: 1 [1].
- Eidolon helvum* (Kerr, 1792)
ZMB: 4 [4].
- Epomophorus gambianus* (Ogilby, 1835)
SMF: 1 [1].
- Epomophorus labiatus* (Temminck, 1837)
AMNH: 1, BMNH: 2, FMNH: 5, MCZ: 2, MSU: 7, RMNH: 1, ROM: 1, SMF: 7, SMNS: 23, USNM: 6 [55].
- Epomophorus wahlbergi* (Sundevall, 1846)
SMNS: 2 [2].
- Eptesicus floweri* (de Winton, 1901)
BMNH: 2 [2].
- Glauconycteris variegata* (Tomes, 1861)
BMNH: 1 [1].
- Hipposideros caffer* (Sundevall, 1846)
ZMB: 13 [13].
- Hipposideros commersoni* (E. Geoffroy St.-Hilaire, 1813)
ZMB: 1 [1].
- Hypsugo ariel* (Thomas, 1904)
BMNH: 3 [3].
- Hypsugo crassulus* (Thomas, 1904)
FMNH: 1 [1].
- Lavia frons* (E. Geoffroy St.-Hilaire, 1810)
ZMB: 11 [11].
- Mimetillus moloneyi* (Thomas, 1891)
ROM: 2 [2].
- Mops (Mops) demonstrator* (Thomas, 1903)
BMNH: 1 [1].
- Mops (Mops) midas* (Sundevall, 1843)
BMNH: 2, SMF: 1, ZMB: 1 [4].
- Neoromicia capensis* (A. Smith, 1829)
FMNH: 2 [2].
- Neoromicia guineensis* (Bocage, 1889)
FMNH: 6, NMW: 1 [7].
- Neoromicia helios* (Heller, 1912)
AMNH: 3, ROM: 1 [4].
- Neoromicia rendalli* (Thomas, 1889)

- AMNH: 5, FMNH: 1, ZFMK: 1 [7].
Neoromicia somalicus (Thomas, 1901)
 FMNH: 6, MNHN: 1, SMF: 2, USNM: 1 [10].
Neoromicia zuluensis (Roberts, 1924)
 FMNH: 1 [1].
Nycteris arge Thomas, 1903
 SMNS: 2 [2].
Nycteris aurita (K. Andersen, 1912)
 USNM: 1 [1].
Nycteris hispida (Schreber, 1774)
 BMNH: 20, KM: 2, NMW: 29, ROM: 3, SMF: 30, USNM: 9, ZFMK: 2, ZMB: 1, ZMUC: 13 [109].
Nycteris macrotis Dobson, 1876
 BMNH: 4, NMW: 6, SMF: 1, SMNS: 7, USNM: 2, ZMUC: 1 [21].
Nycteris nana (K. Andersen, 1912)
 SMNS: 2 [2].
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818
 BMNH: 12, NMW: 3, SMF: 3, SMNS: 3, ZMUC: 21 [42].
Nycticeinops schlieffenii (Peters, 1859)
 ZMB: 1 [1].
Pipistrellus deserti Thomas, 1902
 MHNG: 3, ROM: 5 [8].
Pipistrellus kuhlii (Kuhl, 1817)
 FMNH: 5, KBIN: 1 [6].
Pipistrellus nanus (Peters, 1852)
 FMNH: 2, SMF: 3, ZMUC: 3 [8].
Pipistrellus rueppellii (Fischer, 1829)
 AMNH: 3, FMNH: 2, HZM: 1, MHNG: 1, SMF: 3, USNM: 3, ZFMK: 2, ZMA: 10 [25].
Pipistrellus rueppellii rueppellii (Fischer, 1829)
 NMW: 1 [1].
Pipistrellus rusticus (Tomes, 1861)
 BMNH: 2, FMNH: 4, SMF: 2 [8].
Platymops setiger (Peters, 1878)
 BMNH: 2 [2].
Rhinolophus landeri Martin, 1838
 BMNH: 1 [1].
Rhinopoma hardwickii Gray, 1831
 BMNH: 3, FMNH: 3, HZM: 8, SMF: 26, ZMB: 1 [41].
Rhinopoma microphyllum (Brünnich, 1782)
 BMNH: 2, HZM: 2, ROM: 13, SMF: 1, ZMB: 1 [19].
Rousettus lanosus Thomas, 1906
 BMNH: 1 [1].
Scotophilus dinganii (A. Smith, 1833)
 BMNH: 1 [1].
Scotophilus leucogaster (Cretzschmar, 1826)
 BMNH: 5, FMNH: 2, MCZ: 3, RMNH: 2, SMF: 73 [85].
Scotophilus nigrita (Schreber, 1774)
 SMF: 3 [3].
Scotophilus viridis (Peters, 1852)
 FMNH: 1 [1].
Taphozous hamiltoni Thomas, 1920
 BMNH: 1 [1].
Taphozous mauritanus E. Geoffroy St.-Hilaire, 1818
 SMF: 5, ZMB: 1 [6].
Taphozous perforatus E. Geoffroy St.-Hilaire, 1818
 BMNH: 1, ZMB: 1 [2].

Total Specimens for Sudan: 531

Swaziland

- Chaerephon pumilus* (Cretzschmar, 1826)
 TM: 18 [18].
 CHIROPTERA Blumenbach, 1779
 TM: 3 [3].
Cloeotis percivali Thomas, 1901
 DNSM: 2, TM: 3 [5].
Epomophorus gambianus (Ogilby, 1835)
 TM: 1 [1].
Epomophorus wahlbergi (Sundevall, 1846)
 TM: 12 [12].
Hipposideros Gray, 1831
 NMB: 1 [1].
Hipposideros caffer (Sundevall, 1846)
 NMB: 4, TM: 4 [8].
Hypsugo anchietae (de Seabra, 1900)

- TM: 1 [1].
Miniopterus fraterculus Thomas and Schwann, 1906
 DNSM: 1, TM: 1 [2].
Miniopterus natalensis (A. Smith, 1833)
 TM: 2 [2].
Mops (Mops) condylurus (A. Smith, 1833)
 TM: 15 [15].
Myotis tricolor (Temminck, 1832)
 TM: 1 [1].
Neoromicia capensis (A. Smith, 1829)
 NMB: 2, TM: 19 [21].
Neoromicia zuluensis (Roberts, 1924)
 TM: 2 [2].
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818
 BMNH: 1, TM: 5 [6].
Nycticeinops schlieffenii (Peters, 1859)
 TM: 2 [2].
Pipistrellus hesperidus (Temminck, 1840)
 TM: 4 [4].
Pipistrellus nanus (Peters, 1852)
 DNSM: 2, NMB: 7, TM: 1 [10].
Rhinolophus clivovus Cretzschmar, 1828
 TM: 6 [6].
Rhinolophus darlingi K. Andersen, 1905
 TM: 3 [3].
Rhinolophus simulator K. Andersen, 1904
 TM: 4 [4].
Scotophilus dinganii (A. Smith, 1833)
 NMB: 4, TM: 4 [8].
Scotophilus viridis (Peters, 1852)
 TM: 1 [1].
Tadarida aegyptiaca (E. Geoffroy St.-Hilaire, 1818)
 TM: 3 [3].

Total Specimens for Swaziland: 139

Tanzania

- Cardioderma cor* (Peters, 1872)
 TM: 4 [4].
Chaerephon bivittatus (Heuglin, 1861)
 ZMB: 3 [3].
Chaerephon major (Trouessart, 1897)
 BMNH: 1 [1].
Chaerephon pumilus (Cretzschmar, 1826)
 UIA: 3, ZMB: 16 [19].
CHIROPTERA Blumenbach, 1779
 TM: 1, ZMB: 2 [3].
Coleura afra (Peters, 1852)
 TM: 3, ZMB: 3 [6].
Eidolon helvum (Kerr, 1792)
 ZMB: 4 [4].
Epomophorus gambianus (Ogilby, 1835)
 BMNH: 1, HZM: 4, NMW: 1 [6].
Epomophorus labiatus (Temminck, 1837)
 BMNH: 21, CM: 1, FMNH: 6, HZM: 20, KBIN: 1, LNK: 12, MCZ: 10, NHMZ: 1, NMBE: 2, NMW: 1, RMNH: 39, ROM: 8,
 SMF: 10, SMNS: 6, USNM: 3, ZFMK: 8, ZMB: 11 [160].
Epomophorus minimus Claessen & De Vree, 1991
 BMNH: 2 [2].
Epomophorus wahlbergi (Sundevall, 1846)
 BMNH: 18, FMNH: 2, HZM: 5, RMNH: 2, ROM: 1, SMF: 7, SMNS: 8, TM: 2, UIA: 3, USNM: 1, ZFMK: 15, ZMB: 36,
 ZMZ: 8 [108].
Epomops franqueti (Tomes, 1860)
 ZMB: 1 [1].
Eptesicus Rafinesque, 1820
 FMNH: 1, HZM: 3 [4].
Glauconycteris variegata (Tomes, 1861)
 ZMB: 3 [3].
Hipposideros caffer (Sundevall, 1846)
 TM: 7, ZMB: 21 [28].
Hipposideros commersoni (E. Geoffroy St.-Hilaire, 1813)
 TM: 1, ZMB: 10 [11].
Hipposideros fuliginosus (Temminck, 1853)
 ZMB: 1 [1].
Hipposideros ruber (Noack, 1893)

- TM: 4, ZMB: 5 [9].
Kerivoula Gray, 1842
 CAWM: 2 [2].
Kerivoula africana Dobson, 1878
 SMF: 2, ZMB: 1 [3].
Kerivoula argentata Tomes, 1861
 NMW: 1, SMF: 3, ZMB: 3 [7].
Kerivoula smithii Thomas, 1880
 ZMB: 1 [1].
Laephotis botswanae Setzer, 1971
 NMW: 1 [1].
Laephotis wintoni Thomas, 1901
 FMNH: 1, SMF: 1 [2].
Lavia frons (E. Geoffroy St.-Hilaire, 1810)
 TM: 1, ZMB: 27 [28].
Lissonycteris angolensis (Bocage, 1898)
 TM: 1, ZMB: 2 [3].
Micropteropus pusillus (Peters, 1868)
 ZMB: 2 [2].
Mimetillus moloneyi (Thomas, 1891)
 BMNH: 3 [3].
Miniopterus Bonaparte, 1837
 ZMB: 2 [2].
Miniopterus minor Peters, 1867
 ZMB: 1 [1].
Miniopterus natalensis (A. Smith, 1833)
 UIA: 1, ZMB: 3 [4].
Mops (Mops) condylurus (A. Smith, 1833)
 MCZ: 10, ZMB: 4 [14].
Mops (Xiphonycteris) brachypterus (Peters, 1852)
 ZMB: 4 [4].
Myonycteris (Myonycteris) relicta Bergmans, 1980
 ZMB: 2 [2].
Myotis bocagii (Peters, 1870)
 SMF: 14, ZMB: 1 [15].
Myotis welwitschii (Gray, 1866)
 UIA: 6, ZMB: 2 [8].
Neoromicia capensis (A. Smith, 1829)
 KBIN: 5, MNHN: 1, SMF: 4 [10].
Neoromicia helios (Heller, 1912)
 ZMMU: 1 [1].
Neoromicia melckorum (Roberts, 1919)
 HZM: 2, KBIN: 4 [6].
Neoromicia rendalli (Thomas, 1889)
 USNM: 1 [1].
Neoromicia somalicus (Thomas, 1901)
 AMNH: 1, SMF: 3 [4].
Neoromicia tenuipinnis (Peters, 1872)
 ZMB: 7 [7].
Nycteris arge Thomas, 1903
 KBIN: 1 [1].
Nycteris aurita (K. Andersen, 1912)
 BMNH: 2, ZFMK: 9 [11].
Nycteris grandis Peters, 1865
 BMNH: 7, KBIN: 1, RMNH: 1, SMF: 1, ZMB: 4 [14].
Nycteris hispida (Schreber, 1774)
 BMNH: 6, KBIN: 4, KU: 2, NMW: 1, TM: 1, ZMB: 3 [17].
Nycteris intermedia Aellen, 1959
 BMNH: 1 [1].
Nycteris macrotis Dobson, 1876
 BMNH: 43, KBIN: 2, RMNH: 1, SMF: 2, USNM: 2, ZFMK: 16, ZMB: 2 [68].
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818
 BMNH: 73, KBIN: 6, KM: 2, KU: 1, MCZ: 4, RMCA: 2, RMNH: 19, SMF: 36, SMNS: 1, SMTD: 1, TM: 1, UIA: 3, USNM: 4, ZFMK: 18, ZMB: 17, ZMH: 1, ZMUC: 26 [215].
Nycteris woodi K. Andersen, 1914
 BMNH: 1 [1].
Nycticeinops schlieffenii (Peters, 1859)
 ZMB: 4 [4].
Otomops martiensseni (Matschie, 1897)
 ZMB: 1 [1].
Pipistrellus hesperidus (Temminck, 1840)
 FMNH: 9, SMF: 4, TM: 1, ZMUC: 8 [22].
Pipistrellus nanus (Peters, 1852)
 FMNH: 6, HZM: 2, KBIN: 2, MHNG: 15, MNHN: 2, RMCA: 37, SMF: 9, TM: 1, USNM: 2, ZFMK: 12, ZMB: 13, ZMUC: 3 [104].
Pipistrellus permixtus Aellen, 1957

- MZStrasbourg: 1 [1].
Pipistrellus rueppellii (Fischer, 1829)
 AMNH: 1, BMNH: 1, ZMA: 3, ZMH: 1 [6].
Pteropus niger (Kerr, 1792)
 ZMB: 1 [1].
Pteropus voeltzkowi Matschie, 1909
 ZMB: 7 [7].
Rhinolophus Lacépède, 1799
 ZMB: 7 [7].
Rhinolophus capensis Lichtenstein, 1823
 ZMB: 2 [2].
Rhinolophus clivosus Cretzschmar, 1828
 UIA: 1, ZMB: 1 [2].
Rhinolophus deckenii Peters, 1867
 ZMB: 1 [1].
Rhinolophus eloquens K. Andersen, 1905
 ZMB: 3 [3].
Rhinolophus fumigatus Rüppell, 1842
 ZMB: 2 [2].
Rhinolophus hildebrandtii Peters, 1878
 SMF: 13, UIA: 1, ZMB: 3 [17].
Rhinolophus landeri Martin, 1838
 ZMB: 5 [5].
Rhinolophus maendeleo Kock, Csorba and Howell, 2000
 SMF: 1 [1].
Rhinolophus simulator K. Andersen, 1904
 SMF: 2 [2].
Rhinolophus swinnyi Gough, 1908
 ZMB: 1 [1].
Rousettus aegyptiacus (E. Geoffroy St.-Hilaire, 1810)
 UIA: 5, ZMB: 20 [25].
Rousettus lanosus Thomas, 1906
 UIA: 1 [1].
Scotophilus Leach, 1821
 ZMB: 2 [2].
Scotophilus dinganii (A. Smith, 1833)
 RMNH: 1, UIA: 1, ZFMK: 2, ZMB: 1 [5].
Scotophilus leucogaster (Cretzschmar, 1826)
 ROM: 1 [1].
Scotophilus nigrita (Schreber, 1774)
 ZMB: 3 [3].
Scotophilus viridis (Peters, 1852)
 BMNH: 2, ZFMK: 1, ZMB: 2 [5].
Tadarida lobata (Thomas, 1891)
 ZMB: 1 [1].
Tadarida ventralis (Heuglin, 1861)
 HZM: 3 [3].
Taphozous mauritanus E. Geoffroy St.-Hilaire, 1818
 CAWM: 1, SMF: 10, ZMB: 5 [16].

Total Specimens for Tanzania: 1083

Tanzania [=former Tanganika]

- Rhinolophus hildebrandtii* Peters, 1878
 SMF: 2 [2].

Total Specimens for Tanzania [=former Tanganika]: 2

Tanzania [=former Tanganyika]

- CHIROPTERA** Blumenbach, 1779
 SMF: 1 [1].
Epomophorus wahlbergi (Sundevall, 1846)
 SMF: 7 [7].
Nycteris grandis Peters, 1865
 SMF: 1 [1].
Nycteris macrotis Dobson, 1876
 SMF: 1 [1].
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818
 SMF: 17 [17].
Rhinolophus hildebrandtii Peters, 1878
 SMF: 1 [1].
Taphozous mauritanus E. Geoffroy St.-Hilaire, 1818
 SMF: 27 [27].

Total Specimens for Tanzania [=former Tanganyika]: 55

The Gambia

- Chaerephon pumilus* (Cretzschmar, 1826)
BMNH: 1 [1].
- Epomophorus gambianus* (Ogilby, 1835)
BMNH: 4, HZM: 8, SMNS: 1, USNM: 6 [19].
- Eptesicus Rafinesque*, 1820
HZM: 2 [2].
- Hipposideros commersoni* (E. Geoffroy St.-Hilaire, 1813)
BMNH: 1 [1].
- Neoromicia rendalli* (Thomas, 1889)
BMNH: 2 [2].
- Nycteris gambiensis* (K. Andersen, 1912)
BMNH: 3, USNM: 19 [22].
- Nycteris macrotis* Dobson, 1876
BMNH: 6, USNM: 23 [29].
- Pipistrellus nanus* (Peters, 1852)
HZM: 1 [1].
- Scotoecus albofuscus* (Thomas, 1890)
BMNH: 1 [1].
- Scotophilus viridis* (Peters, 1852)
BMNH: 1 [1].

Total Specimens for The Gambia: 79

Togo

- Eidolon helvum* (Kerr, 1792)
ZMB: 1 [1].
- Epomophorus gambianus* (Ogilby, 1835)
USNM: 5, ZMB: 5 [10].
- Epomops franqueti* (Tomes, 1860)
ZMB: 3 [3].
- Hypsignathus monstrosus* H. Allen, 1862
ZMB: 3 [3].
- Lavia frons* (E. Geoffroy St.-Hilaire, 1810)
ZMB: 3 [3].
- Lissonycteris angolensis* (Bocage, 1898)
ZMB: 4 [4].
- Micropteropus pusillus* (Peters, 1868)
ZMB: 5 [5].
- Mops (Xiphonycteris) spurrelli* (Dollman, 1911)
RMCA: 4 [4].
- Nanonycteris veldkampii* (Jentink, 1888)
ZMB: 3 [3].
- Neoromicia capensis* (A. Smith, 1829)
ZMB: 1 [1].
- Neoromicia rendalli* (Thomas, 1889)
RMCA: 3, ZMB: 3 [6].
- Neoromicia somalicus* (Thomas, 1901)
RMCA: 3, ZMB: 1 [4].
- Neoromicia tenuipinnis* (Peters, 1872)
ZMB: 1 [1].
- Nycteris arge* Thomas, 1903
BMNH: 1 [1].
- Nycteris gambiensis* (K. Andersen, 1912)
RMCA: 6, USNM: 5 [11].
- Nycteris grandis* Peters, 1865
RMCA: 1, USNM: 4 [5].
- Nycteris hispida* (Schreber, 1774)
RMCA: 46, USNM: 3 [49].
- Nycteris macrotis* Dobson, 1876
RMCA: 16, USNM: 7 [23].
- Nycticeinops schlieffenii* (Peters, 1859)
ZMB: 1 [1].
- Pipistrellus nanulus* Thomas, 1904
RMCA: 1 [1].
- Pipistrellus nanus* (Peters, 1852)
RMCA: 2, USNM: 5, ZMB: 2 [9].
- Rhinolophus Lacépède*, 1799
ZMB: 1 [1].
- Scotophilus dinganii* (A. Smith, 1833)

- RMCA: 7 [7].
Scotophilus leucogaster (Cretzschmar, 1826)
 RMCA: 14 [14].
Scotophilus nigrita (Schreber, 1774)
 RMCA: 1, ZMB: 1 [2].
Scotophilus viridis (Peters, 1852)
 ZMB: 9 [9].

Total Specimens for Togo: 181

Tunisia

- Eptesicus serotinus* (Schreber, 1774)
 MNHN: 1, ZMB: 2 [3].
Miniopterus Bonaparte, 1837
 ZMB: 12 [12].
Myotis blythii (Tomes, 1857)
 ZMB: 2 [2].
Myotis capaccinii (Bonaparte, 1837)
 ZMB: 6 [6].
Myotis myotis (Borkhausen, 1797)
 ZMB: 79 [79].
Pipistrellus kuhlii (Kuhl, 1817)
 FMNH: 2, HZM: 2, MHNG: 2, MNHN: 3, NRM: 2, SMF: 3, ZFMK: 8, ZMB: 1 [23].
Pipistrellus rueppellii (Fischer, 1829)
 ZFMK: 1 [1].
Plecotus teneriffae Barrett-Hamilton, 1907
 BMNH: 5 [5].
Rhinolophus euryale Blasius, 1853
 ZMB: 5 [5].
Rhinopoma hardwickii Gray, 1831
 MNHN: 2 [2].

Total Specimens for Tunisia: 138

Uganda

- Cardioderma cor* (Peters, 1872)
 ZMB: 2 [2].
Chaerephon aloysiisabaudiae (Festa, 1907)
 ZMB: 1 [1].
Epomophorus labiatus (Temminck, 1837)
 AMNH: 1, BMNH: 20, CM: 2, FMNH: 3, MIZT: 1, NMW: 1, ROM: 1, USNM: 7, ZMB: 4 [40].
Epomophorus minimus Claessen & De Vree, 1991
 USNM: 2 [2].
Epomophorus wahlbergi (Sundevall, 1846)
 BMNH: 2 [2].
Glauconycteris variegata (Tomes, 1861)
 BMNH: 1, ZMB: 1 [2].
Hipposideros ruber (Noack, 1893)
 BMNH: 1 [1].
Hypsugo crassulus (Thomas, 1904)
 ROM: 2 [2].
Kerivoula phalaena Thomas, 1912
 LACM: 2 [2].
Kerivoula smithii Thomas, 1880
 LACM: 3 [3].
Lavia frons (E. Geoffroy St.-Hilaire, 1810)
 ZMB: 6 [6].
Mimetillus moloneyi (Thomas, 1891)
 LACM: 3, ROM: 2 [5].
Mops (Mops) condylurus (A. Smith, 1833)
 ZMB: 1 [1].
Neoromicia helios (Heller, 1912)
 ROM: 1 [1].
Neoromicia rendalli (Thomas, 1889)
 CAS: 1, RMCA: 1, ZMB: 1 [3].
Neoromicia somalicus (Thomas, 1901)
 FMNH: 1, HZM: 2, SMF: 1, USNM: 5 [9].
Neoromicia tenuipinnis (Peters, 1872)
 AMNH: 1, FMNH: 1, MHNG: 1, ZMB: 1 [4].
Nycteris arge Thomas, 1903
 ROM: 1 [1].
Nycteris hispida (Schreber, 1774)
 BMNH: 5, CAS: 2, ROM: 3 [10].

- Nycteris macrotis* Dobson, 1876
BMNH: 3 [3].
- Nycteris nana* (K. Andersen, 1912)
ROM: 1 [1].
- Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
BMNH: 13 [13].
- Pipistrellus hesperidus* (Temminck, 1840)
FMNH: 1 [1].
- Pipistrellus nanulus* Thomas, 1904
AMNH: 2, BMNH: 1 [3].
- Pipistrellus nanus* (Peters, 1852)
SMF: 2, USNM: 1, ZMB: 2 [5].
- Pipistrellus rueppellii* (Fischer, 1829)
AMNH: 1, BMNH: 1, FMNH: 1, HZM: 2, RMCA: 3, SMF: 2 [10].
- Rhinolophus eloquens* K. Andersen, 1905
BMNH: 1 [1].
- Rousettus lanosus* Thomas, 1906
BMNH: 1 [1].
- Scotophilus dinganii* (A. Smith, 1833)
ROM: 11 [11].
- Scotophilus leucogaster* (Cretzschmar, 1826)
ROM: 10 [10].
- Scotophilus viridis* (Peters, 1852)
ROM: 1 [1].
- Taphozous mauritanus* E. Geoffroy St.-Hilaire, 1818
ZMB: 1 [1].

Total Specimens for Uganda: 158

Unknown country

- Asellia tridens* (E. Geoffroy St.-Hilaire, 1813)
ZMB: 1 [1].
- Cardioderma cor* (Peters, 1872)
ZMB: 2 [2].
- Chaerephon major* (Trouessart, 1897)
BMNH: 1 [1].
- CHIROPTERA** Blumenbach, 1779
BMNH: 11, DNSM: 1, HZM: 26, MMK: 5, RMCA: 25, SAMC: 7, SMF: 34, SMG: 24, SNP: 1, TM: 6, UCT: 1 [141].
- Cistugo lesueurii* Roberts, 1919
KM: 1, NMB: 2 [3].
- Cloeotis percivali* Thomas, 1901
TM: 2 [2].
- Coleura afra* (Peters, 1852)
ZMB: 1 [1].
- Eidolon helvum* (Kerr, 1792)
NMB: 1, ZMB: 6 [7].
- Epomophorus gambianus* (Ogilby, 1835)
BMNH: 1, ZMB: 1 [2].
- Epomophorus labiatus* (Temminck, 1837)
ZMB: 3 [3].
- Epomophorus wahlbergi* (Sundevall, 1846)
BMNH: 1, TM: 1, ZMB: 2 [4].
- Hipposideros caffer* (Sundevall, 1846)
TM: 9, ZMB: 1 [10].
- Hipposideros commersoni* (E. Geoffroy St.-Hilaire, 1813)
ZMB: 1 [1].
- Kerivoula lanosa* (A. Smith, 1847)
SAMC: 3, SMF: 1 [4].
- Laephotis angolensis* Monard, 1935
MHNC: 1 [1].
- Lavia frons* (E. Geoffroy St.-Hilaire, 1810)
ZMB: 9 [9].
- Miniopterus* Bonaparte, 1837
SAMC: 1 [1].
- MOLOSSIDAE** Gervais, 1856
BMNH: 1, MMK: 2, TM: 6 [9].
- Mops (Mops) midas* (Sundevall, 1843)
BMNH: 2 [2].
- Neoromicia capensis* (A. Smith, 1829)
BMNH: 1, HZM: 1, SAMC: 12, TM: 3 [17].
- Nycteris* G. Cuvier and E. Geoffroy, 1795
TM: 38 [38].
- Nycteris hispida* (Schreber, 1774)
ZMB: 2, ZMH: 1 [3].

- Nycteris macrotis* Dobson, 1876
BMNH: 3, RMCA: 3, ZMB: 1 [7].
- Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
NMB: 1, RMNH: 2, TM: 11, ZMB: 1 [15].
- Nycticeinops schlieffenii* (Peters, 1859)
NHMZ: 1, ZMB: 2 [3].
- Pipistrellus hesperidus* (Temminck, 1840)
DNSM: 1 [1].
- Pipistrellus nanus* (Peters, 1852)
BMNH: 1, ZMB: 2 [3].
- Pteropus rufus* E. Geoffroy St.-Hilaire, 1803
ZMB: 2 [2].
- Rhinolophus* Lacépède, 1799
TM: 92 [92].
- Rhinolophus clivosus* Cretzschmar, 1828
TM: 18, ZMB: 1 [19].
- Rhinolophus hildebrandtii* Peters, 1878
TM: 3 [3].
- Rhinolophus simulator* K. Andersen, 1904
TM: 1 [1].
- Rousettus aegyptiacus* (E. Geoffroy St.-Hilaire, 1810)
ZMB: 1 [1].
- Scotophilus* Leach, 1821
NHMZ: 41 [41].
- Scotophilus borbonicus* (E. Geoffroy St.-Hilaire, 1803)
MNHN: 1 [1].
- Scotophilus dinganii* (A. Smith, 1833)
TM: 1 [1].
- Scotophilus robustus* A. Milne-Edwards, 1881
FMNH: 1 [1].
- Scotophilus tandrefana* Goodman, Jenkins and Ratrimomanarivo, 2005
UADBA: 1 [1].
- Tadarida aegyptiaca* (E. Geoffroy St.-Hilaire, 1818)
BMNH: 1, DNSM: 1, MMK: 47 [49].
- Taphozous mauritanus* E. Geoffroy St.-Hilaire, 1818
ZMB: 1 [1].
- Triaenops persicus* Dobson, 1871
TM: 15 [15].

Total Specimens for Unknown country: 519

Unkown country

- Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
ZMB: 1 [1].
- Rhinolophus hildebrandtii* Peters, 1878
ZMB: 2 [2].

Total Specimens for Unkown country: 3

WP

- Neoromicia capensis* (A. Smith, 1829)
NMB: 1 [1].

Total Specimens for WP: 1

Yemen

- Eptesicus bottae* (Peters, 1869)
MNHN: 1 [1].

Total Specimens for Yemen: 1

Zambia

- Chaerephon nigeriae* Thomas, 1913
NHMZ: 2 [2].
- Cloeotis percivali* Thomas, 1901
BMNH: 7, NHMZ: 11, RMCA: 2, ROM: 1, SMF: 2 [23].
- Eidolon helvum* (Kerr, 1792)
NHMZ: 1, TM: 1 [2].
- Epomophorus gambianus* (Ogilby, 1835)
BMNH: 16, FMNH: 2, HZM: 18, KM: 2, NHMZ: 1, RMCA: 1, TM: 1 [41].
- Epomophorus labiatus* (Temminck, 1837)

- BMNH: 5, HZM: 4, KM: 5, NHMZ: 11 [25].
Epomophorus wahlbergi (Sundevall, 1846)
BMNH: 4, HZM: 3, NHMZ: 3 [10].
Epomops dobsonii (Bocage, 1889)
FMNH: 2, NHMZ: 12 [14].
Eptesicus hottentotus (A. Smith, 1833)
KM: 1 [1].
Glauconycteris variegata (Tomes, 1861)
NHMZ: 3 [3].
Hipposideros caffer (Sundevall, 1846)
TM: 1 [1].
Hipposideros commersoni (E. Geoffroy St.-Hilaire, 1813)
BMNH: 1, NHMZ: 30, TM: 2 [33].
Hypsugo anchietae (de Seabra, 1900)
AMNH: 10, HZM: 4, NHMZ: 1, SMF: 1 [16].
Kerivoula lanosa (A. Smith, 1847)
NHMZ: 1 [1].
Laephotis botswanae Setzer, 1971
BMNH: 2, HZM: 1, NHMZ: 2 [5].
Lavia frons (E. Geoffroy St.-Hilaire, 1810)
BMNH: 1, NHMZ: 1 [2].
Lissonycteris angolensis (Bocage, 1898)
NHMZ: 1 [1].
Mimetillus moloneyi (Thomas, 1891)
AMNH: 9, BMNH: 1, LACM: 1, NHMZ: 1 [12].
Mimetillus thomasi Hinton, 1920
BMNH: 1 [1].
Miniopterus natalensis (A. Smith, 1833)
TM: 2 [2].
Mops (Mops) condylurus (A. Smith, 1833)
NHMZ: 1 [1].
Mops (Mops) niveiventer Cabrera and Ruxton, 1926
AMNH: 2, HZM: 7, NHMZ: 12, NZM: 1 [22].
Myonycteris (Myonycteris) torquata (Dobson, 1878)
BMNH: 2, NHMZ: 1 [3].
Neoromicia capensis (A. Smith, 1829)
AMNH: 4, BMNH: 1, CAS: 3, FMNH: 1, HZM: 3, KM: 15, NHMZ: 2, RMCA: 1, ZFMK: 1 [31].
Neoromicia melckorum (Roberts, 1919)
BMNH: 2, NHMZ: 2 [4].
Neoromicia rendalli (Thomas, 1889)
HZM: 1 [1].
Neoromicia zuluensis (Roberts, 1924)
HZM: 3, NHMZ: 1, TM: 1 [5].
Nycteris grandis Peters, 1865
BMNH: 1, NHMZ: 1, SMF: 1 [3].
Nycteris hispida (Schreber, 1774)
KM: 2, NHMZ: 3 [5].
Nycteris macrotis Dobson, 1876
BMNH: 1, ZFMK: 1 [2].
Nycteris major (K. Andersen, 1912)
KBIN: 1 [1].
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818
BMNH: 30, KM: 14, NHMZ: 33, SMF: 3 [80].
Nycteris woodi K. Andersen, 1914
BMNH: 13, KM: 2, NHMZ: 8, TM: 2 [25].
Nycticeinops schlieffenii (Peters, 1859)
NHMZ: 6 [6].
Pipistrellus nanus (Peters, 1852)
AMNH: 5, CAS: 1, HZM: 3, NHMZ: 12, SMF: 2, YPM: 1 [24].
Pipistrellus rueppellii (Fischer, 1829)
AMNH: 1, CAS: 1, HZM: 1, NHMZ: 3 [6].
Pipistrellus rusticus (Tomes, 1861)
AMNH: 1, HZM: 3, KM: 3 [7].
Rhinolophus Lacépède, 1799
TM: 2 [2].
Rhinolophus blasii Peters, 1867
KM: 2, NHMZ: 1 [3].
Rhinolophus clivosus Cretzschmar, 1828
BMNH: 1 [1].
Rhinolophus hildebrandtii Peters, 1878
TM: 1 [1].
Rhinolophus sakejiensis Cotterill, 2002
HZM: 1, NHMZ: 2 [3].
Rhinolophus simulator K. Andersen, 1904
BMNH: 1, SMF: 1 [2].
Rhinolophus swinnyi Gough, 1908

- NHMZ: 9 [9].
Rousettus aegyptiacus (E. Geoffroy St.-Hilaire, 1810)
 NHMZ: 4, NMZL: 2 [6].
Scotophilus dinganii (A. Smith, 1833)
 BMNH: 3, KBIN: 1 [4].
Scotophilus leucogaster (Cretzschmar, 1826)
 BMNH: 2 [2].
Scotophilus viridis (Peters, 1852)
 BMNH: 6 [6].
Taphozous mauritanus E. Geoffroy St.-Hilaire, 1818
 FMNH: 4, NHMZ: 1 [5].
Triaenops persicus Dobson, 1871
 NHMZ: 1 [1].

Total Specimens for Zambia: 466

Zimbabwe

- Neoromicia capensis* (A. Smith, 1829)
 NHMZ: 6, TM: 1 [7].

Total Specimens for Zimbabwe: 7

Zimbabwe

- Chaerephon ansorgei* (Thomas, 1913)
 TM: 6 [6].
Chaerephon chapini J.A. Allen, 1917
 BMNH: 1, TM: 4 [5].
Chaerephon nigeriae Thomas, 1913
 TM: 2 [2].
Chaerephon pumilus (Cretzschmar, 1826)
 TM: 1 [1].
 CHIROPTERA Blumenbach, 1779
 NHMZ: 6, ROM: 7, TM: 1 [14].
Cloeotis percivali Thomas, 1901
 DNSM: 2, HZM: 2, NHMZ: 60, ROM: 22, TM: 22 [108].
Epomophorus gambianus (Ogilby, 1835)
 BMNH: 1, CM: 3, HZM: 8, KM: 1, MNHN: 2, NHMZ: 1, TM: 2, USNM: 3 [21].
Epomophorus wahlbergi (Sundevall, 1846)
 HZM: 3, TM: 4, USNM: 1 [8].
Eptesicus hottentotus (A. Smith, 1833)
 HZM: 1, NHMZ: 17, ROM: 2 [20].
Glauconycteris variegata (Tomes, 1861)
 TM: 1 [1].
Hipposideros caffer (Sundevall, 1846)
 NHMZ: 456, ROM: 79, TM: 44 [579].
Hipposideros commersoni (E. Geoffroy St.-Hilaire, 1813)
 NHMZ: 126, TM: 1 [127].
Hypsugo anchietae (de Seabra, 1900)
 NHMZ: 1 [1].
Kerivoula lanosa (A. Smith, 1847)
 BMNH: 1 [1].
Laephotis botswanae Setzer, 1971
 FMNH: 1, NHMZ: 7, TM: 1 [9].
Lissonycteris goliath Bergmans, 1997
 NHMZ: 1 [1].
Miniopterus inflatus Thomas, 1903
 TM: 4 [4].
Miniopterus natalensis (A. Smith, 1833)
 TM: 8 [8].
 MOLOSSIDAE Gervais, 1856
 TM: 1 [1].
Mops (Mops) condylurus (A. Smith, 1833)
 NHMZ: 32, TM: 1 [33].
Mops (Mops) midas (Sundevall, 1843)
 NHMZ: 33 [33].
Myotis tricolor (Temminck, 1832)
 TM: 6 [6].
Myotis welwitschii (Gray, 1866)
 TM: 1 [1].
Neoromicia Roberts, 1926
 DNSM: 1 [1].
Neoromicia capensis (A. Smith, 1829)
 CM: 1, HZM: 4, MNHN: 2, NHMZ: 14, TM: 15 [36].

- Neoromicia melckorum* (Roberts, 1919)
BMNH: 1, TM: 3 [4].
- Neoromicia rendalli* (Thomas, 1889)
TM: 2 [2].
- Neoromicia somalicus* (Thomas, 1901)
FMNH: 1 [1].
- Neoromicia zuluensis* (Roberts, 1924)
NHMZ: 2 [2].
- Nycteris* G. Cuvier and E. Geoffroy, 1795
TM: 1 [1].
- Nycteris grandis* Peters, 1865
TM: 1, USNM: 1 [2].
- Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
BMNH: 14, SMNS: 1, TM: 35, USNM: 15 [65].
- Nycteris woodi* K. Andersen, 1914
BMNH: 1, TM: 5 [6].
- Nycticeinops schlieffenii* (Peters, 1859)
TM: 7 [7].
- Pipistrellus hesperidus* (Temminck, 1840)
DNSM: 1, NHMZ: 1, TM: 7 [9].
- Pipistrellus nanus* (Peters, 1852)
CM: 9, DNSM: 1, MNHN: 4, NHMZ: 27, ROM: 2, TM: 25, USNM: 5 [73].
- Pipistrellus rueppellii* (Fischer, 1829)
HZM: 1, NHMZ: 1 [2].
- Pipistrellus rusticus* (Tomes, 1861)
HZM: 2, MNHN: 1, NHMZ: 9, TM: 1 [13].
- Rhinolophus blasii* Peters, 1867
TM: 1 [1].
- Rhinolophus clivosus* Cretzschmar, 1828
TM: 7 [7].
- Rhinolophus darlingi* K. Andersen, 1905
BMNH: 1, TM: 5 [6].
- Rhinolophus fumigatus* Rüppell, 1842
TM: 1 [1].
- Rhinolophus hildebrandtii* Peters, 1878
TM: 28 [28].
- Rhinolophus landeri* Martin, 1838
TM: 19 [19].
- Rhinolophus simulator* K. Andersen, 1904
BMNH: 1, TM: 8 [9].
- Rhinolophus swinnyi* Gough, 1908
TM: 1 [1].
- Rousettus aegyptiacus* (E. Geoffroy St.-Hilaire, 1810)
TM: 25 [25].
- Sauromys petrophilus* (Roberts, 1917)
BMNH: 1, DNSM: 1, SAMC: 1, TM: 5 [8].
- Scotophilus* Leach, 1821
NHMZ: 2, TM: 3 [5].
- Scotophilus dinganii* (A. Smith, 1833)
TM: 17 [17].
- Scotophilus leucogaster* (Cretzschmar, 1826)
TM: 2 [2].
- Scotophilus nigrita* (Schreber, 1774)
BMNH: 1 [1].
- Scotophilus viridis* (Peters, 1852)
TM: 20 [20].
- Tadarida aegyptiaca* (E. Geoffroy St.-Hilaire, 1818)
MMK: 2, TM: 4 [6].
- Tadarida fulminans* (Thomas, 1903)
HZM: 1, NHMZ: 55, TM: 22 [78].
- Tadarida lobata* (Thomas, 1891)
HZM: 1, NHMZ: 4 [5].
- Tadarida ventralis* (Heuglin, 1861)
NHMZ: 3 [3].
- Triaenops persicus* Dobson, 1871
NHMZ: 1, TM: 1 [2].

Total Specimens for Zimbabwe: 1458

Grand total: 24887

Appendix 2e: Voucher Specimen from Protected Areas

An overview of the African IUCN protected areas for which voucher specimens are available.

The data are grouped per country and protected area, and for each of the taxa the museum acronym is given to indicate the collection where the voucher material is housed. The acronyms are colour coded to reflect the most recent collection date of the material in that museum:

BLACK: no information

GREEN: less than 20 years

BLUE: between 20 and 50 years

ORANGE: between 50 and 100 years

RED: more than 100 years ago.

Botswana

Central Kalahari Game Reserve (IUCN category: IV, Established on: 1961 January 01, Area: 5,180,000 ha.):

Miniopterus natalensis (A. Smith, 1833): **TM**

Chobe National Park (IUCN category: II, Established on: 1968 January 01, Area: 1,057,000 ha.):

Neoromicia capensis (A. Smith, 1829): **FMNH**

Neoromicia zuluensis (Roberts, 1924): **TM**

Nycticeinops schlieffenii (Peters, 1859): **TM**

Gemsbok National Park (IUCN category: II, Established on: 1971 January 01, Area: 2,840,000 ha.):

Tadarida aegyptiaca (E. Geoffroy St.-Hilaire, 1818): **TM**

Burkina Faso

Arly Faunal Reserve (IUCN category: IV, Established on: 1954 January 01, Area: 76,000 ha.):

Nycteris hispida (Schreber, 1774): **USNM**

Cameroon

Dja Wildlife Reserve (IUCN category: IV, Established on: 1950 January 01, Area: 623,619 ha.):

Nycteris major (K. Andersen, 1912): **BMNH**

Central African Republic

Manovo-Gounda-Saint Floris National Park (IUCN category: II, Established on: 1933 January 01, Area: 1,890,868 ha.):

Neoromicia guineensis (Bocage, 1889): **CM**

Neoromicia somalicus (Thomas, 1901): **CM**

Nycteris hispida (Schreber, 1774): **CM**

Pipistrellus nanus (Peters, 1852): **CM**

Pipistrellus rusticus (Tomes, 1861): **CM**

Côte d'Ivoire

Banco National Park (IUCN category: II, Established on: 1953 January 01, Area: 3,000 ha.):

Hypsugo eisentrauti (Hill, 1968): **USNM**

Neoromicia brunneus (Thomas, 1880): **USNM**

Neoromicia tenuipinnis (Peters, 1872): **USNM**

Nycteris arge Thomas, 1903: **MHNG**

Democratic Republic of the Congo

Gangala-na Bodio Hunting Reserve (IUCN category: VI, Area: 985,876 ha.):

Epomophorus labiatus (Temminck, 1837): **RMCA**

Neoromicia rendalli (Thomas, 1889): **RMCA**

Pipistrellus nanus (Peters, 1852): **KBIN**

Scotophilus dinganii (A. Smith, 1833): **KBIN**

Garamba National Park (IUCN category: II, Established on: 1938 January 01, Area: 492,000 ha.):

Epomophorus labiatus (Temminck, 1837): **RMCA**

Eptesicus Rafinesque, 1820: **RMCA**

Neoromicia capensis (A. Smith, 1829): **RMCA**

Nycteris macrotis Dobson, 1876: **KBIN**

Nycteris nana (K. Andersen, 1912): **KBIN**

Pipistrellus nanus (Peters, 1852): **KBIN**

Upemba National Park (IUCN category: II, Established on: 1939 January 01, Area: 1,173,000 ha.):

Neoromicia capensis (A. Smith, 1829): **KBIN**

Nycteris hispida (Schreber, 1774): **KBIN**

Nycteris macrotis Dobson, 1876: **KBIN**

Pipistrellus nanus (Peters, 1852): **KBIN**

Yangambi forest and floral reserve Strict Nature Reserve (IUCN category: Ia, Area: 250,000 ha.):

Nycteris arge Thomas, 1903: **RMCA**

Nycteris hispida (Schreber, 1774): **KBIN**

Pipistrellus nanus (Peters, 1852): **KBIN, RMCA**

Ethiopia

Afdem-Gewane Controlled Hunting Area (IUCN category: VI, Established on: 1973 January 01, Area: 593,200 ha.):

Epomophorus minimus Claessen & De Vree, 1991: **SMF**

Awash National Park (IUCN category: II, Established on: 1958 January 01, Area: 75,240 ha.):

Nycteris hispida (Schreber, 1774): **BMNH, USNM**

Rhinopoma hardwickii Gray, 1831: **BMNH, HNHM**

Ghana

Mole National Park (IUCN category: II, Established on: 1971 January 01, Area: 484,040 ha.):

Nycteris gambiensis (K. Andersen, 1912): **BMNH**

Nycteris hispida (Schreber, 1774): **BMNH**

Kenya

Buffalo Springs National Reserve (IUCN category: II, Established on: 1985 January 01, Area: 13,100 ha.):

Neoromicia helios (Heller, 1912): **CM**

Neoromicia rendalli (Thomas, 1889): **CM**

Neoromicia zuluensis (Roberts, 1924): **SMF**

Central Island National Park (IUCN category: II, Established on: 1983 January 01, Area: 500 ha.):

Nycteris hispida (Schreber, 1774): **BMNH**

Rhinopoma macinnesi Hayman, 1937: **ROM**

Marsabit National Reserve (IUCN category: II, Established on: 1949 January 01, Area: 155,400 ha.):

Nycteris hispida (Schreber, 1774): **USNM**

Masai Mara National Reserve (IUCN category: II, Established on: 1974 January 01, Area: 151,000 ha.):

Epomophorus wahlbergi (Sundevall, 1846): **CM, FMNH**

Pipistrellus hesperidus (Temminck, 1840): **CM**

Meru National Park (IUCN category: II, Established on: 1966 January 01, Area: 87,044 ha.):

Nycteris hispida (Schreber, 1774): **SMF**

Mount Kenya National Park (IUCN category: II, Established on: 1949 January 01, Area: 58,967 ha.):

Nycteris thebaica E. Geoffroy St.-Hilaire, 1818: **BMNH**

Shimba Hills National Reserve (IUCN category: II, Established on: 1968 January 01, Area: 19,251 ha.):

Epomophorus wahlbergi (Sundevall, 1846): **RMNH**

Hypsugo eisentrauti (Hill, 1968): **AMNH, CM**

Neoromicia helios (Heller, 1912): **ROM**

Neoromicia somalicus (Thomas, 1901): **CM**

Tsavo East National Park (IUCN category: II, Established on: 1948 January 01, Area: 1,174,700 ha.):

Nycteris hispida (Schreber, 1774): **SMF**

Lesotho

Sehlabathebe National Park (IUCN category: IV, Established on: 1970 January 01, Area: 6,805 ha.):

Laephotis wintoni Thomas, 1901: **NMB**

Rhinolophus clivus Cretzschmar, 1828: **NMB**

Madagascar

Ankarana Special Reserve (IUCN category: II, Established on: 1956 February 01, Area: 25,308 ha.):

Nycteris madagascariensis G. Grandidier, 1937: **MCZ**

Zombitse-Vohibasia National Park (IUCN category: II, Established on: 1997 December 01, Area: 36,853 ha.):

Pipistrellus hesperidus (Temminck, 1840): **FMNH**

Malawi

Kasungu National Park (IUCN category: II, Established on: 1970 January 01, Area: 231,600 ha.):

Neoromicia capensis (A. Smith, 1829): **BMNH, DCDH**

Neoromicia melckorum (Roberts, 1919): **BMNH**

Lengwe National Park (IUCN category: II, Established on: 1970 January 01, Area: 88,700 ha.):

Pipistrellus nanus (Peters, 1852): **DCDH**

Nyika National Park (IUCN category: II, Established on: 1965 January 01, Area: 313,400 ha.):

Pipistrellus hesperidus (Temminck, 1840): **BMNH, DCDH**

Mozambique

Bazaruto Archipelago National Park (IUCN category: II, Established on: 2001 November 28, Area: 143,000 ha.):

Chaerephon pumilus (Cretzschmar, 1826): **TM**

Zinave National Park (IUCN category: II, Established on: 1972 January 01, Area: 500,000 ha.):

Epomophorus wahlbergi (Sundevall, 1846): **MWSU**

Namibia

Etosha National Park (IUCN category: II, Established on: 1975 June 20, Area: 2,215,140 ha.):

Hipposideros commersoni (E. Geoffroy St.-Hilaire, 1813): **TM**
Neoromicia capensis (A. Smith, 1829): **BMNH**
Taphozous mauritanus E. Geoffroy St.-Hilaire, 1818: **BMNH**

Namib-Naukluft Park National Park (IUCN category: II, Established on: 1979 August 01, Area: 5,070,649 ha.):

Eptesicus hottentotus (A. Smith, 1833): **NHMZ, USNM**
Hipposideros caffer (Sundevall, 1846): **TM**
Laephotis namibensis Setzer, 1971: **USNM**
Miniopterus natalensis (A. Smith, 1833): **TM**
Neoromicia zuluensis (Roberts, 1924): **NHMZ, TM**
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818: **TM, USNM, ZFMK**
Rhinolophus darlingi K. Andersen, 1905: **TM**
Sauromys petrophilus (Roberts, 1917): **BMNH, TM**

Skeleton Coast Park Game Park (IUCN category: II, Established on: 1971 October 15, Area: 1,716,370 ha.):

Cistugo seabrae Thomas, 1912: **TM**

Nigeria

Kamuku National Park (IUCN category: II, Established on: 1999 May 29, Area: 121,130 ha.):

Pipistrellus inexpectatus Aellen, 1959: **ROM**

Senegal

Djoudj National Park (IUCN category: II, Established on: 1971 January 01, Area: 16,000 ha.):

Pipistrellus rueppellii (Fischer, 1829): **MNHN**

Niokolo-Koba National Park (IUCN category: II, Established on: 1954 January 01, Area: 913,000 ha.):

Nycteris macrotis Dobson, 1876: **NMW**
Pipistrellus nanus (Peters, 1852): **MNHN, RMCA**

South Africa

ABE Bailey Nature Reserve (IUCN category: V, Established on: 1982 January 01, Area: 4,326 ha.):

Rhinolophus Lacépède, 1799: **TM**
Rhinolophus clivosus Cretzschmar, 1828: **TM**

Agulhas National Park (IUCN category: II, Established on: 1999 January 01, Area: 7,960 ha.):

Rhinolophus clivosus Cretzschmar, 1828: **TM**

Albert Falls Nature Reserve (IUCN category: IV, Established on: 1975 January 01, Area: 3,111 ha.):

Chaerephon pumilus (Cretzschmar, 1826): **TM**
Tadarida aegyptiaca (E. Geoffroy St.-Hilaire, 1818): **DNSM**

Augrabies Falls National Park (IUCN category: II, Established on: 1966 January 01, Area: 55,399 ha.):

Neoromicia capensis (A. Smith, 1829): **MMK**
Pipistrellus rueppellii (Fischer, 1829): **MMK**
Sauromys petrophilus (Roberts, 1917): **TM**
Tadarida aegyptiaca (E. Geoffroy St.-Hilaire, 1818): **TM**

Baobab Tree Reserve (IUCN category: IV, Area: 12,281 ha.):

Chaerephon pumilus (Cretzschmar, 1826): **TM**
Neoromicia capensis (A. Smith, 1829): **DNSM, TM**
Neoromicia zuluensis (Roberts, 1924): **DNSM**
Nycticeinops schlieffenii (Peters, 1859): **TM**
Pipistrellus rusticus (Tomes, 1861): **DNSM**
Sauromys petrophilus (Roberts, 1917): **TM**
Scotophilus dinganii (A. Smith, 1833): **TM**
Taphozous mauritanus E. Geoffroy St.-Hilaire, 1818: **TM**

Blyde River Canyon Nature Reserve (IUCN category: IV, Established on: 1965 January 01, Area: 29,278 ha.):

Nycteris thebaica E. Geoffroy St.-Hilaire, 1818: **TM**
Pipistrellus rusticus (Tomes, 1861): **TM**
Rhinolophus clivosus Cretzschmar, 1828: **TM**
Rhinolophus darlingi K. Andersen, 1905: **TM**
Rhinolophus fumigatus Rüppell, 1842: **TM**
Rhinolophus hildebrandtii Peters, 1878: **TM**

Blyderivierspoort Nature Reserve (IUCN category: IV, Area: 22,419 ha.):

Kerivoula lanosa (A. Smith, 1847): **TM**
Miniopterus natalensis (A. Smith, 1833): **TM**
Myotis tricolor (Temminck, 1832): **TM**
Vespertilioninae Gray, 1821: **TM**

Buffelskloof Nature Reserve (IUCN category: IV, Area: 775 ha.):

Eptesicus hottentotus (A. Smith, 1833): **TM**
Neoromicia capensis (A. Smith, 1829): **TM**

Cape Peninsula National Park (IUCN category: II, Established on: 1998 January 01, Area: 28,802 ha.):

Eptesicus hottentotus (A. Smith, 1833): **SAMC**

Cape Vidal State Forest (IUCN category: II, Established on: 1956 January 01, Area: 8,288 ha.):

Mops (Mops) condylurus (A. Smith, 1833): **TM**

- Cederberg Wilderness Area** (IUCN category: Ib, Established on: 1971 January 01, Area: 65,624 ha.):
Eptesicus hottentotus (A. Smith, 1833): CM, TM
Miniopterus fraterculus Thomas and Schwann, 1906: TM
Neoromicia capensis (A. Smith, 1829): CM
Sauromys petrophilus (Roberts, 1917): TM
Tadarida aegyptiaca (E. Geoffroy St.-Hilaire, 1818): TM
- Coastal Forest Reserve** (IUCN category: II, Established on: 1992 January 01, Area: 27,441 ha.):
Chaerephon pumilus (Cretzschmar, 1826): TM
Epomophorus wahlbergi (Sundevall, 1846): TM
Kerivoula lanosa (A. Smith, 1847): TM
Mops (Mops) condylurus (A. Smith, 1833): TM
- De Hoop Nature Reserve** (IUCN category: II, Established on: 1956 January 01, Area: 32,083 ha.):
Myotis tricolor (Temminck, 1832): TM
Rhinolophus capensis Lichtenstein, 1823: TM
Rhinolophus clivus Cretzschmar, 1828: TM
- Diepwalle State Forest** (IUCN category: IV, Area: 4,545 ha.):
Tadarida aegyptiaca (E. Geoffroy St.-Hilaire, 1818): TM
- Dlinza Forest Nature Reserve** (IUCN category: IV, Established on: 1952 January 01, Area: 216 ha.):
Hipposideros caffer (Sundevall, 1846): DNSM
Myotis tricolor (Temminck, 1832): DNSM
Neoromicia capensis (A. Smith, 1829): DNSM
Pipistrellus hesperidus (Temminck, 1840): DNSM
Scotophilus dinganii (A. Smith, 1833): DNSM
- Gamkaberg Nature Reserve** (IUCN category: IV, Established on: 1970 January 01, Area: 9,590 ha.):
Cistugo lesueuri Roberts, 1919: SAMC
Miniopterus Bonaparte, 1837: SAMC
- Gamkapoort Nature Reserve** (IUCN category: II, Established on: 1980 January 01, Area: 9,192 ha.):
 VESPERTILIONIDAE Gray, 1821: SAMC
- Goegap Nature Reserve** (IUCN category: IV, Established on: 1966 January 01, Area: 14,814 ha.):
Neoromicia capensis (A. Smith, 1829): TM
Rhinolophus clivus Cretzschmar, 1828: TM
- Greater St Lucia Wetland Park** (IUCN category: II, Established on: 1895 January 01, Area: 49,897 ha.):
Chaerephon pumilus (Cretzschmar, 1826): TM
 CHIROPTERA Blumenbach, 1779: TM
Mops (Mops) condylurus (A. Smith, 1833): TM
Pipistrellus hesperidus (Temminck, 1840): TM
Scotophilus Leach, 1821: TM
Scotophilus dinganii (A. Smith, 1833): TM
- Groendal Wilderness Area** (IUCN category: Ib, Established on: 1976 January 01, Area: 27,757 ha.):
Rhinolophus clivus Cretzschmar, 1828: TM
- Groot - Letaba Wildlife Reserve** (IUCN category: IV, Area: 22,483 ha.):
Chaerephon pumilus (Cretzschmar, 1826): TM
Miniopterus natalensis (A. Smith, 1833): TM
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818: TM
Rhinolophus simulator K. Andersen, 1904: TM
- Hans Merensky Nature Reserve** (IUCN category: IV, Established on: 1954 January 01, Area: 5,098 ha.):
Chaerephon pumilus (Cretzschmar, 1826): TM
Neoromicia capensis (A. Smith, 1829): TM
Nycticeinops schlieffenii (Peters, 1859): TM
Rhinolophus Lacépède, 1799: TM
Scotophilus dinganii (A. Smith, 1833): TM
Scotophilus viridis (Peters, 1852): TM
Tadarida aegyptiaca (E. Geoffroy St.-Hilaire, 1818): TM
- Hans Strijdom Nature Reserve** (IUCN category: IV, Established on: 1978 January 01, Area: 5,130 ha.):
Scotophilus dinganii (A. Smith, 1833): TM
- Harold Johnson Nature Reserve** (IUCN category: IV, Established on: 1967 January 01, Area: 131 ha.):
Chaerephon pumilus (Cretzschmar, 1826): DNSM
Epomophorus wahlbergi (Sundevall, 1846): DNSM
Hipposideros caffer (Sundevall, 1846): DNSM
Hypsugo anchietae (de Seabra, 1900): DNSM
Pipistrellus hesperidus (Temminck, 1840): DNSM
- Hawequas State Forest** (IUCN category: IV, Established on: 1906 January 01, Area: 47,784 ha.):
Neoromicia capensis (A. Smith, 1829): TM
Rhinolophus clivus Cretzschmar, 1828: TM
- Hazelmere Dam Nature Reserve** (IUCN category: IV, Established on: 1977 January 01, Area: 693 ha.):
Chaerephon pumilus (Cretzschmar, 1826): TM
- Hlatikulu (2) Designation Not Known** (IUCN category: II, Area: 66,618 ha.):
Cistugo lesueuri Roberts, 1919: SAMC, TM
Eptesicus hottentotus (A. Smith, 1833): SAMC, TM
Laephotis namibensis Setzer, 1971: SAMC, TM
Miniopterus natalensis (A. Smith, 1833): TM
 MOLOSSIDAE Gervais, 1856: TM
Myotis tricolor (Temminck, 1832): SAMC
Neoromicia capensis (A. Smith, 1829): SAMC, TM
Neoromicia melckorum (Roberts, 1919): TM
Sauromys petrophilus (Roberts, 1917): TM

- Tadarida aegyptiaca* (E. Geoffroy St.-Hilaire, 1818): **TM**
- Hluhluwe - Umfolozi Game Reserve** (IUCN category: II, Established on: 1895 January 01, Area: 91,077 ha.):
Chaerephon pumilus (Cretzschmar, 1826): **TM**
Epomophorus wahlbergi (Sundevall, 1846): **TM**
Hipposideros caffer (Sundevall, 1846): **TM**
Kerivoula Gray, 1842: **TM**
Kerivoula argentata Tomes, 1861: **TM**
Miniopterus natalensis (A. Smith, 1833): **TM**
Mops (Mops) condylurus (A. Smith, 1833): **TM**
Neoromicia capensis (A. Smith, 1829): **TM**
Neoromicia zuluensis (Roberts, 1924): **TM**
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818: **ZFMK**
Pipistrellus hesperidus (Temminck, 1840): **TM**
Pipistrellus nanus (Peters, 1852): **NM**
Rhinolophus swinnyi Gough, 1908: **TM**
Scotophilus dinganii (A. Smith, 1833): **TM**
- Hottentots Holland Nature Reserve** (IUCN category: II, Established on: 1979 January 01, Area: 29,027 ha.):
Neoromicia capensis (A. Smith, 1829): **TM**
- Itala Nature Reserve** (IUCN category: II, Established on: 1972 January 01, Area: 28,950 ha.):
Eptesicus hottentotus (A. Smith, 1833): **TM**
Hipposideros caffer (Sundevall, 1846): **DNSM**
Miniopterus Bonaparte, 1837: **DNSM**
Miniopterus fraterculus Thomas and Schwann, 1906: **TM**
Miniopterus natalensis (A. Smith, 1833): **DNSM**
Myotis tricolor (Temminck, 1832): **DNSM, TM**
Neoromicia capensis (A. Smith, 1829): **DNSM, TM**
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818: **TM**
Pipistrellus nanus (Peters, 1852): **DNSM, TM**
Rhinolophus blasii Peters, 1867: **TM**
Scotophilus dinganii (A. Smith, 1833): **DNSM**
Tadarida aegyptiaca (E. Geoffroy St.-Hilaire, 1818): **DNSM, TM**
- Jonkershoek State Forest** (IUCN category: IV, Area: 26,529 ha.):
Neoromicia capensis (A. Smith, 1829): **CM**
- Kalahari Gemsbok National Park** (IUCN category: II, Established on: 1931 January 01, Area: 947,555 ha.):
Neoromicia capensis (A. Smith, 1829): **MMK, TM**
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818: **TM**
Tadarida aegyptiaca (E. Geoffroy St.-Hilaire, 1818): **TM**
- Karkloof Nature Reserve** (IUCN category: IV, Established on: 1980 January 01, Area: 1,829 ha.):
Miniopterus fraterculus Thomas and Schwann, 1906: **TM**
- Karoo National Park** (IUCN category: II, Established on: 1979 January 01, Area: 76,786 ha.):
Cistugo lesueuri Roberts, 1919: **TM**
Neoromicia capensis (A. Smith, 1829): **TM**
- Kenneth Stainbank Nature Reserve** (IUCN category: IV, Established on: 1963 January 01, Area: 198 ha.):
Scotophilus dinganii (A. Smith, 1833): **DNSM**
- Klaserie Private Nature Reserve** (IUCN category: IV, Area: 58,770 ha.):
Epomophorus gambianus (Ogilby, 1835): **TM**
Mops (Mops) midas (Sundevall, 1843): **TM**
- Krantzkloof Nature Reserve** (IUCN category: IV, Established on: 1950 January 01, Area: 556 ha.):
Eptesicus hottentotus (A. Smith, 1833): **TM**
Pipistrellus hesperidus (Temminck, 1840): **DNSM, TM**
Rhinolophus capensis Lichtenstein, 1823: **TM**
Scotophilus dinganii (A. Smith, 1833): **DNSM**
- Kruger National Park** (IUCN category: II, Established on: 1926 January 01, Area: 1,898,859 ha.):
Chaerephon ansorgei (Thomas, 1913): **TM**
Chaerephon pumilus (Cretzschmar, 1826): **TM**
Epomophorus gambianus (Ogilby, 1835): **CM, TM**
Epomophorus wahlbergi (Sundevall, 1846): **CM, TM**
Eptesicus hottentotus (A. Smith, 1833): **CM, TM**
Glauconycteris variegata (Tomes, 1861): **TM**
Hipposideros caffer (Sundevall, 1846): **TM**
Hipposideros commersoni (E. Geoffroy St.-Hilaire, 1813): **TM**
Hypsugo anchietae (de Seabra, 1900): **TM**
Kerivoula argentata Tomes, 1861: **TM**
Kerivoula lanosa (A. Smith, 1847): **TM**
Laephotis botswanae Setzer, 1971: **TM**
Miniopterus natalensis (A. Smith, 1833): **TM**
MOLOSSIDAE Gervais, 1856: **TM**
Mops (Mops) condylurus (A. Smith, 1833): **TM**
Mops (Mops) midas (Sundevall, 1843): **TM**
Myotis bocagii (Peters, 1870): **TM**
Myotis tricolor (Temminck, 1832): **TM**
Myotis welwitschii (Gray, 1866): **TM**
Neoromicia capensis (A. Smith, 1829): **AMNH, CM, TM**
Neoromicia cf_melckorum Roberts, 1919: **TM**
Neoromicia melckorum (Roberts, 1919): **CM, TM**
Neoromicia somalicus (Thomas, 1901): **AMNH, MHNG**

- Neoromicia zuluensis* (Roberts, 1924): [CM](#), [TM](#)
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818: [TM](#)
Nycteris woodi K. Andersen, 1914: [TM](#)
Nycticeinops schlieffenii (Peters, 1859): [TM](#)
Pipistrellus hesperidus (Temminck, 1840): [TM](#)
Pipistrellus nanus (Peters, 1852): [CM](#), [TM](#)
Pipistrellus rueppellii (Fischer, 1829): [AMNH](#), [CM](#), [TM](#)
Pipistrellus rusticus (Tomes, 1861): [AMNH](#), [CM](#), [TM](#)
Rhinolophus blasii Peters, 1867: [TM](#)
Rhinolophus darlingi K. Andersen, 1905: [TM](#)
Rhinolophus fumigatus Rüppell, 1842: [TM](#)
Rhinolophus hildebrandtii Peters, 1878: [TM](#)
Rhinolophus landeri Martin, 1838: [TM](#)
Rhinolophus simulator K. Andersen, 1904: [TM](#)
Rhinolophus swinnyi Gough, 1908: [TM](#)
Rousettus aegyptiacus (E. Geoffroy St.-Hilaire, 1810): [TM](#)
Scotophilus Leach, 1821: [TM](#)
Scotophilus dinganii (A. Smith, 1833): [TM](#)
Scotophilus leucogaster (Cretzschmar, 1826): [TM](#)
Scotophilus viridis (Peters, 1852): [TM](#)
Tadarida aegyptiaca (E. Geoffroy St.-Hilaire, 1818): [DNSM](#), [TM](#)
Tadarida fulminans (Thomas, 1903): [TM](#)
Taphozous mauritianus E. Geoffroy St.-Hilaire, 1818: [TM](#)
 VESPERTILIONIDAE Gray, 1821: [TM](#)
- Kubusi State Forest** (IUCN category: IV, Area: 6,201 ha.):
Tadarida aegyptiaca (E. Geoffroy St.-Hilaire, 1818): [TM](#)
- La Motte State Forest** (IUCN category: IV, Area: 11,620 ha.):
Rhinolophus clivus Cretzschmar, 1828: [TM](#)
- Lekgalameetse Nature Reserve** (IUCN category: IV, Established on: 1984 January 01, Area: 18,955 ha.):
Epomophorus wahlbergi (Sundevall, 1846): [TM](#)
Hipposideros caffer (Sundevall, 1846): [TM](#)
Rousettus aegyptiacus (E. Geoffroy St.-Hilaire, 1810): [TM](#)
- Loskop Dam Nature Reserve** (IUCN category: IV, Established on: 1954 January 01, Area: 24,073 ha.):
Epomophorus wahlbergi (Sundevall, 1846): [TM](#)
Hipposideros caffer (Sundevall, 1846): [TM](#)
Miniopterus natalensis (A. Smith, 1833): [TM](#)
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818: [TM](#)
Pipistrellus hesperidus (Temminck, 1840): [TM](#)
Rhinolophus simulator K. Andersen, 1904: [TM](#)
Scotophilus dinganii (A. Smith, 1833): [TM](#)
- Lydenburg Nature Reserve** (IUCN category: IV, Area: 5,959 ha.):
Epomophorus wahlbergi (Sundevall, 1846): [TM](#)
Neoromicia capensis (A. Smith, 1829): [TM](#)
Rhinolophus clivus Cretzschmar, 1828: [TM](#)
- Mabaso Tribal Game Reserve** (IUCN category: IV, Area: 3,101 ha.):
Chaerephon pumilus (Cretzschmar, 1826): [TM](#)
Mops (Mops) condylurus (A. Smith, 1833): [TM](#)
- Madikwe Nature Reserve** (IUCN category: IV, Established on: 1992 January 01, Area: 58,494 ha.):
Scotophilus dinganii (A. Smith, 1833): [TM](#)
- Manyeleti Game Reserve** (IUCN category: IV, Established on: 1967 January 01, Area: 22,842 ha.):
Chaerephon pumilus (Cretzschmar, 1826): [TM](#)
Hipposideros caffer (Sundevall, 1846): [TM](#)
Neoromicia capensis (A. Smith, 1829): [TM](#)
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818: [TM](#)
Pipistrellus nanus (Peters, 1852): [TM](#)
Scotophilus dinganii (A. Smith, 1833): [TM](#)
- Mkhomaze State Forest** (IUCN category: IV, Area: 27,371 ha.):
Neoromicia capensis (A. Smith, 1829): [DNSM](#), [TM](#)
- Mkuzi Game Reserve** (IUCN category: IV, Area: 22,479 ha.):
Cloeotis percivali Thomas, 1901: [DNSM](#)
Hipposideros caffer (Sundevall, 1846): [DNSM](#), [TM](#)
Miniopterus natalensis (A. Smith, 1833): [TM](#)
Mops (Mops) condylurus (A. Smith, 1833): [TM](#)
Myotis bocagii (Peters, 1870): [DNSM](#)
Neoromicia capensis (A. Smith, 1829): [DNSM](#), [TM](#)
Neoromicia zuluensis (Roberts, 1924): [TM](#)
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818: [DNSM](#), [TM](#)
Nycticeinops schlieffenii (Peters, 1859): [DNSM](#), [TM](#)
Pipistrellus nanus (Peters, 1852): [DNSM](#), [TM](#)
Rhinolophus clivus Cretzschmar, 1828: [DNSM](#)
Rhinolophus darlingi K. Andersen, 1905: [TM](#)
Scotophilus dinganii (A. Smith, 1833): [TM](#)
Scotophilus viridis (Peters, 1852): [DNSM](#), [TM](#)
Tadarida aegyptiaca (E. Geoffroy St.-Hilaire, 1818): [TM](#)
Taphozous mauritianus E. Geoffroy St.-Hilaire, 1818: [TM](#)
- Natal Drakensberg National Park** (IUCN category: II, Established on: 1903 January 01, Area: 7,624 ha.):

- Neoromicia capensis* (A. Smith, 1829): DNSM
- Ndumo Game Reserve** (IUCN category: II, Established on: 1924 January 01, Area: 12,127 ha.):
Chaerephon pumilus (Cretzschmar, 1826): TM
Epomophorus wahlbergi (Sundevall, 1846): TM
 MOLOSSIDAE Gervais, 1856: TM
Mops (Mops) condylurus (A. Smith, 1833): TM
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818: TM
Nycticeinops schlieffenii (Peters, 1859): TM
Pipistrellus hesperidus (Temminck, 1840): TM
Scotophilus viridis (Peters, 1852): TM
- Ngome State Forest** (IUCN category: IV, Area: 9,261 ha.):
Epomophorus wahlbergi (Sundevall, 1846): TM
Hypsugo anchietae (de Seabra, 1900): TM
Miniopterus fraterculus Thomas and Schwann, 1906: TM
Pipistrellus hesperidus (Temminck, 1840): TM
Pipistrellus nanus (Peters, 1852): TM
Rhinolophus clivosus Cretzschmar, 1828: TM
Rhinolophus swinyi Gough, 1908: TM
- North Park Nature Reserve** (IUCN category: IV, Established on: 1968 January 01, Area: 55 ha.):
Pipistrellus hesperidus (Temminck, 1840): DNSM
- Nylsvley Nature Reserve** (IUCN category: IV, Established on: 1973 January 01, Area: 3,090 ha.):
Neoromicia capensis (A. Smith, 1829): TM
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818: TM
Pipistrellus rusticus (Tomes, 1861): TM
- Oribi Gorge Nature Reserve** (IUCN category: IV, Established on: 1950 January 01, Area: 2,004 ha.):
Chaerephon pumilus (Cretzschmar, 1826): TM
Epomophorus wahlbergi (Sundevall, 1846): TM
Hipposideros caffer (Sundevall, 1846): TM
Myotis tricolor (Temminck, 1832): TM
Scotophilus dinganii (A. Smith, 1833): TM
- Percy Fyfe Nature Reserve** (IUCN category: IV, Established on: 1954 January 01, Area: 2,988 ha.):
Scotophilus dinganii (A. Smith, 1833): TM
- Pilansberg National Park** (IUCN category: IV, Established on: 1979 January 01, Area: 39,351 ha.):
Sauromys petrophilus (Roberts, 1917): TM
- Sabi Sand Game Reserve** (IUCN category: IV, Area: 24,900 ha.):
Chaerephon pumilus (Cretzschmar, 1826): TM
Epomophorus gambianus (Ogilby, 1835): TM
Neoromicia capensis (A. Smith, 1829): TM
Nycticeinops schlieffenii (Peters, 1859): TM
Scotophilus dinganii (A. Smith, 1833): TM
Tadarida aegyptiaca (E. Geoffroy St.-Hilaire, 1818): TM
- Seal Island (False Bay) Other Area** (IUCN category: IV, Established on: 1988 January 01, Area: 3,163 ha.):
Hypsugo anchietae (de Seabra, 1900): DNSM
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818: TM
Scotophilus dinganii (A. Smith, 1833): DNSM
- Selati Game Reserve** (IUCN category: IV, Area: 201,656 ha.):
Chaerephon pumilus (Cretzschmar, 1826): TM
- Sterkfontein Dam Nature Reserve** (IUCN category: IV, Established on: 1987 January 01, Area: 18,547 ha.):
Eptesicus hottentotus (A. Smith, 1833): NMB
- Suikerbosrand Nature Reserve** (IUCN category: II, Established on: 1974 January 01, Area: 11,645 ha.):
Neoromicia capensis (A. Smith, 1829): DNSM, TM
Tadarida aegyptiaca (E. Geoffroy St.-Hilaire, 1818): TM
- Tembe Elephant Park** (IUCN category: IV, Established on: 1983 January 01, Area: 30,530 ha.):
Chaerephon pumilus (Cretzschmar, 1826): TM
Scotophilus viridis (Peters, 1852): TM
- Timbavati Game Reserve** (IUCN category: IV, Area: 50,496 ha.):
Chaerephon pumilus (Cretzschmar, 1826): TM
- Tsitsikama National Park** (IUCN category: II, Established on: 1964 January 01, Area: 16,639 ha.):
Miniopterus natalensis (A. Smith, 1833): TM
Tadarida aegyptiaca (E. Geoffroy St.-Hilaire, 1818): TM
- Umlalazi Nature Reserve** (IUCN category: IV, Established on: 1948 January 01, Area: 1,033 ha.):
Pipistrellus hesperidus (Temminck, 1840): DNSM, TM
- Vernon Crookes Nature Reserve** (IUCN category: IV, Established on: 1973 January 01, Area: 2,264 ha.):
Hipposideros caffer (Sundevall, 1846): TM
Miniopterus fraterculus Thomas and Schwann, 1906: TM
Miniopterus natalensis (A. Smith, 1833): TM
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818: DNSM, TM
Pipistrellus nanus (Peters, 1852): DNSM
Rhinolophus simulator K. Andersen, 1904: DNSM, TM
- Weenen Nature Reserve** (IUCN category: IV, Established on: 1975 January 01, Area: 4,852 ha.):
Neoromicia capensis (A. Smith, 1829): DNSM, TM
- West Coast National Park** (IUCN category: II, Established on: 1985 January 01, Area: 28,713 ha.):
Rhinolophus clivosus Cretzschmar, 1828: TM
- Wolkberg Wilderness Area** (IUCN category: IV, Established on: 1977 January 01, Area: 24,380 ha.):
Miniopterus fraterculus Thomas and Schwann, 1906: TM
Rhinolophus clivosus Cretzschmar, 1828: TM

Sudan

Shambe National Park (IUCN category: II, Established on: 1985 January 01, Area: 62,000 ha.):
Nycteris hispida (Schreber, 1774): [ROM](#)

Swaziland

Hlane Game Sanctuary (IUCN category: VI, Established on: 1967 January 01, Area: 14,164 ha.):

Chaerephon pumilus (Cretzschmar, 1826): [TM](#)
Hipposideros caffer (Sundevall, 1846): [TM](#)
Neoromicia zuluensis (Roberts, 1924): [TM](#)

Malolotja Nature Reserve (IUCN category: IV, Established on: 1972 January 01, Area: 18,175 ha.):

Miniopterus fraterculus Thomas and Schwann, 1906: [TM](#)
Rhinolophus clivosus Cretzschmar, 1828: [TM](#)
Tadarida aegyptiaca (E. Geoffroy St.-Hilaire, 1818): [TM](#)

Mlawula Nature Reserve (IUCN category: IV, Established on: 1977 January 01, Area: 17,000 ha.):

Chaerephon pumilus (Cretzschmar, 1826): [TM](#)
Hipposideros caffer (Sundevall, 1846): [TM](#)
Hypsugo anchietae (de Seabra, 1900): [TM](#)
Miniopterus natalensis (A. Smith, 1833): [TM](#)
Mops (Mops) condylurus (A. Smith, 1833): [TM](#)
Myotis tricolor (Temminck, 1832): [TM](#)
Neoromicia zuluensis (Roberts, 1924): [TM](#)
Nycticeinops schlieffenii (Peters, 1859): [TM](#)
Pipistrellus hesperidus (Temminck, 1840): [TM](#)
Rhinolophus darlingi K. Andersen, 1905: [TM](#)
Scotophilus dinganii (A. Smith, 1833): [TM](#)
Scotophilus viridis (Peters, 1852): [TM](#)

Tanzania, United Republic of

Mafia Island Marine Park (IUCN category: VI, Established on: 1996 January 01, Area: 82,200 ha.):

Nycteris thebaica E. Geoffroy St.-Hilaire, 1818: [BMNH](#)

Mikumi National Park (IUCN category: II, Established on: 1964 January 01, Area: 323,000 ha.):

Nycteris hispida (Schreber, 1774): [BMNH](#)
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818: [UIA](#)
Pipistrellus nanus (Peters, 1852): [SMF](#)

Serengeti National Park (IUCN category: II, Established on: 1951 January 01, Area: 1,476,300 ha.):

Neoromicia capensis (A. Smith, 1829): [KBIN](#)
Neoromicia melckorum (Roberts, 1919): [KBIN](#)
Nycteris arge Thomas, 1903: [KBIN](#)
Nycteris hispida (Schreber, 1774): [KBIN](#)
Nycteris macrotis Dobson, 1876: [BMNH](#)
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818: [BMNH](#), [KBIN](#)

Udzungwa Mountain National Park (IUCN category: II, Established on: 1992 January 01, Area: 190,000 ha.):

Epomophorus labiatus (Temminck, 1837): [ROM](#)
Epomophorus wahlbergi (Sundevall, 1846): [SMF](#)

Zambia

Lochinvar National Park (IUCN category: II, Established on: 1971 February 01, Area: 41,000 ha.):

Epomophorus gambianus (Ogilby, 1835): [HZM](#)
Neoromicia capensis (A. Smith, 1829): [RMCA](#)
Pipistrellus rueppellii (Fischer, 1829): [CAS](#)

Zimbabwe

Banti State Forest (IUCN category: VI, Area: 2,212 ha.):

Eptesicus hottentotus (A. Smith, 1833): [NHMZ](#)
Pipistrellus hesperidus (Temminck, 1840): [NHMZ](#)

Chewore Safari Area (IUCN category: VI, Established on: 1964 January 01, Area: 33,900 ha.):

Epomophorus gambianus (Ogilby, 1835): [HZM](#)

Chipinge Safari Area (IUCN category: VI, Established on: 1975 January 01, Area: 26,100 ha.):

Epomophorus gambianus (Ogilby, 1835): [BMNH](#)

Chirisa Safari Area (IUCN category: VI, Established on: 1975 January 01, Area: 171,300 ha.):

Chaerephon chapini J.A. Allen, 1917: [TM](#)
Epomophorus wahlbergi (Sundevall, 1846): [TM](#)
Hipposideros caffer (Sundevall, 1846): [TM](#)
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818: [TM](#)
Rhinolophus fumigatus Rüppell, 1842: [TM](#)
Rhinolophus landeri Martin, 1838: [TM](#)
Scotophilus Leach, 1821: [TM](#)

Gonarezhou National Park (IUCN category: II, Established on: 1975 January 01, Area: 505,300 ha.):

Pipistrellus nanus (Peters, 1852): [NHMZ](#)

- Hwange (Wankie) National Park** (IUCN category: II, Established on: 1949 January 01, Area: 1,465,100 ha.):
Laephotis botswanae Setzer, 1971: [FMNH](#)
Neoromicia capensis (A. Smith, 1829): [NHMZ](#)
Neoromicia somalicus (Thomas, 1901): [FMNH](#)
- Mana Pools National Park** (IUCN category: II, Established on: 1975 January 01, Area: 219,600 ha.):
Chaerephon nigeriae Thomas, 1913: [TM](#)
Hipposideros caffer (Sundevall, 1846): [NHMZ](#)
Neoromicia melckorum (Roberts, 1919): [TM](#)
Neoromicia rendalli (Thomas, 1889): [TM](#)
Nycteris grandis Peters, 1865: [TM](#)
Rhinolophus hildebrandtii Peters, 1878: [TM](#)
Scotophilus leucogaster (Cretzschmar, 1826): [TM](#)
Scotophilus viridis (Peters, 1852): [TM](#)
- Rhodes Matopos National Park** (IUCN category: II, Established on: 1926 January 01, Area: 42,400 ha.):
Miniopterus natalensis (A. Smith, 1833): [TM](#)
Pipistrellus rusticus (Tomes, 1861): [NHMZ](#)
Rhinolophus hildebrandtii Peters, 1878: [TM](#)
Sauromys petrophilus (Roberts, 1917): [DNSM](#), [TM](#)
Scotophilus dinganii (A. Smith, 1833): [TM](#)
- Rhodes Nyanga National Park** (IUCN category: II, Established on: 1950 January 01, Area: 47,150 ha.):
Nycteris thebaica E. Geoffroy St.-Hilaire, 1818: [TM](#)
Pipistrellus hesperidus (Temminck, 1840): [TM](#)
Rhinolophus clivosus Cretzschmar, 1828: [TM](#)
Rhinolophus darlingi K. Andersen, 1905: [TM](#)
Scotophilus dinganii (A. Smith, 1833): [TM](#)
- Robert Mcllwaine Recreation Park** (IUCN category: V, Established on: 1975 January 01, Area: 6,180 ha.):
Cloeotis percivali Thomas, 1901: [NHMZ](#)

Appendix 3: Synonyms

Appendix 3a: Synonyms by Name

A list of all the synonyms found in the literature (excluding new name combinations and *lapsi calami*). For each of these synonyms the current name is included to facilitate access to information about the taxon in the main text and the other appendices.

The "Taxasyns-id" and "Taxis_id" fields contain numbers used in the African Chiroptera Database, and are included for reference with the database.

Original Name	Taxasyns _id	Current Name	Taxis_id
? <i>anjouanensis</i> Dorst, 1960	2112	<i>Myotis anjouanensis</i> (Dorst, 1960)	450
[<i>Nycteris</i>] <i>gambianus</i> Koopman, 1975	2898	<i>Nycteris gambiensis</i> (K. Andersen, 1912)	398
[<i>Pipistrellus</i>] <i>rueppelli</i> Aellen, 1957	3059	<i>Pipistrellus rueppellii</i> (Fischer, 1829)	64
[<i>Rhinolophus hipposideros</i>] <i>escaleræ</i> K. Andersen, 1918	2662	<i>Rhinolophus hipposideros</i> (Bechstein, 1800)	439
<i>acrotis</i> G.M. Allen, 1914	669	<i>Rhinolophus fumigatus</i> Rüppell, 1842	112
<i>Adelonycteris</i> H. Allen, 1892	1108	<i>Eptesicus Rafinesque</i> , 1820	30
<i>Aëorestes</i> Fitzinger, 1870	714	<i>Myotis</i> Kaup, 1829	74
<i>Allomops</i> J.A. Allen, 1917	2400	<i>Mops (Mops)</i> Lesson, 1842	484
<i>Alobus</i> Peters, 1868	506	<i>Pipistrellus</i> Kaup, 1829	33
<i>Amblyotis</i> Hall and Kelson, 1959	2494	<i>Eptesicus Rafinesque</i> , 1820	30
<i>Amblyotus</i> Kolenati, 1858	1112	<i>Eptesicus Rafinesque</i> , 1820	30
<i>Anamygdon</i> Troughton, 1929	1014	<i>Myotis</i> Kaup, 1829	74
<i>angur</i> Koopman, 1993	2261	<i>Rhinolophus clivosus</i> Cretzschmar, 1828	113
ANIMALIVORA Gill, 1872	3233	VESPERTILIONIFORMI	245
<i>Aquias</i> Gray, 1847	1067	<i>Rhinolophus</i> Lacépède, 1799	90
<i>Aristippe</i> Kolenati, 1863	1113	<i>Eptesicus Rafinesque</i> , 1820	30
<i>Asellia</i> Gray, 1838	1071	<i>Asellia</i> Gray, 1838	310
<i>Asellia patrizii</i> de Beaux, 1931	819	<i>Asellia patrizii</i> de Beaux, 1931	312
<i>Asellia tridens diluta</i> K. Anderson, 1918	2663	<i>Asellia tridens</i> (E. Geoffroy St.-Hilaire, 1813)	311
<i>Asellia tridens italosomalica</i> de Beaux, 1931	971	<i>Asellia tridens</i> (E. Geoffroy St.-Hilaire, 1813)	311
<i>Asellia tridens pallida</i> Laurent, 1937	903	<i>Asellia tridens</i> (E. Geoffroy St.-Hilaire, 1813)	311
<i>Attalepharca</i> Menu, 1987	2148	<i>Pipistrellus</i> Kaup, 1829	33
<i>Attelepharca</i> Corbet and Hill, 1992	2141	<i>Pipistrellus</i> Kaup, 1829	33
<i>aurantiaca</i> de Beaux, 1924	694	<i>Hipposideros caffer</i> (Sundevall, 1846)	122
<i>Barbastella</i> Gray, 1821	2101	<i>Barbastella</i> Gray, 1821	384
<i>Barbastella barbastellus guanchæ</i> Trujillo, Ibáñez and Juste, 2002	1115	<i>Barbastella barbastellus</i> (Schreber, 1774)	385
<i>Barbastellus</i> Kaup, 1829	1116	<i>Barbastella</i> Gray, 1821	384
<i>Barbastellus communis</i> Gray, 1838	1117	<i>Barbastella barbastellus</i> (Schreber, 1774)	385
<i>Boneia</i> Jentink, 1879	1015	<i>Rousettus</i> Gray, 1821	86
<i>brachycephalus</i> Seabra, 1898	2209	<i>Myonycteris (Phygetis) brachycephala</i> (Bocage, 1889)	420
<i>Brachyotis</i> Hall, 1981	2683	<i>Myotis</i> Kaup, 1829	74
<i>Brachyotus</i> Kolenati, 1856	485	<i>Myotis</i> Kaup, 1829	74
<i>brachyptera</i>	600	<i>Myonycteris (Myonycteris) brachyptera</i>	421
<i>Brachyura</i> Peters, 1865	628	EMBALLONURIDAE Gervais, 1855	252
<i>C[oleura] g[allarum] nilosa</i> Thomas, 1915	304	<i>Coleura afra</i> (Peters, 1852)	104
<i>C[oleura] g[allarum]</i> Thomas, 1915	303	<i>Coleura afra</i> (Peters, 1852)	104
<i>C[oleura] silhouettæ</i> Thomas, 1915	966	<i>Coleura seychellensis</i> Peters, 1868	298
<i>Capaccinius</i> Bonaparte, 1841	482	<i>Myotis</i> Kaup, 1829	74
<i>Capaccinus</i> Pavlinov, Borissenko, Kruskop and Jahonton, 1995	2684	<i>Myotis</i> Kaup, 1829	74
<i>Cardioderma</i> Peters, 1873	1033	<i>Cardioderma</i> Peters, 1873	431
<i>Carponycterinae</i> Lydekker, 1891	2164	MACROGLOSSINAE Gray, 1866	417
<i>Casinycteris</i> Thomas, 1910	557	<i>Casinycteris</i> Thomas, 1910	170
<i>Casinycteris argynnis</i> Thomas, 1910	558	<i>Casinycteris argynnis</i> Thomas, 1910	171
<i>Cateorus</i> Kolenati, 1856	1120	<i>Eptesicus Rafinesque</i> , 1820	30
<i>Cephalotes teniotis</i> Rafinesque, 1814	1122	<i>Tadarida teniotis</i> (Rafinesque, 1814)	319
<i>Cephalotidae</i> Gray, 1821	530	PTEROPODIDAE Bonaparte, 1838	244
<i>Cercopteropus</i> Burnett, 1829	1050	<i>Rousettus</i> Gray, 1821	86
<i>Cerivoula</i> Blanford, 1891	709	<i>Kerivoula</i> Gray, 1842	78
<i>Chærephon (Lophomops)</i> J.A. Allen, 1917	1716	<i>Chaerephon</i> Dobson, 1874	204
<i>Chærephon (Lophomops) abæ</i> J.A. Allen, 1917	1124	<i>Chaerephon major</i> (Trouessart, 1897)	211
<i>Chærephon (Lophomops) chapini</i> J.A. Allen, 1917	1125	<i>Chaerephon chapini</i> J.A. Allen, 1917	147
<i>Chærephon (Lophomops) cristatus</i> J.A. Allen,	1126	<i>Chaerephon leucogaster</i> (A. Grandidier, 1869)	467

Original Name	Taxasyns _id	Current Name	Taxis_id
1917			
<i>Chaerephon (Lophomops) langi</i> Roberts, 1932	1127	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)	148
<i>Chaerephon (Lophomops) shortridgei</i> Thomas, 1926	2460	<i>Chaerephon chapini</i> J.A. Allen, 1917	147
<i>Chaerephon angolensis sabaudiae</i> de Beaux, 1922	1129	<i>Chaerephon aloysiisabaudiae</i> (Festa, 1907)	322
<i>Chaerephon emini</i> Wroughton, 1911	1130	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)	150
<i>Chæerephon frater</i> J.A. Allen, 1917	1131	<i>Chaerephon leucogaster</i> (A. Grandidier, 1869)	467
<i>Chaerephon jobimena</i> Goodman and Cardiff, 2004	3215	<i>Chaerephon jobimena</i> Goodman and Cardiff, 2004	503
<i>Chaerephon lancasteri</i> Hayman, 1938	2459	<i>Chaerephon chapini</i> J.A. Allen, 1917	147
<i>Chaerephon leucostigma</i> G.M. Allen, 1918	1133	<i>Mops (Mops) leucostigma</i> (G.M. Allen, 1918)	469
<i>Chæerephon nigeriæ</i> Thomas, 1913	1134	<i>Chaerephon nigeriæ</i> Thomas, 1913	146
<i>Chæerephon nigeriæ</i> Thomas, 1913	357	<i>Chaerephon nigeriæ nigeriæ</i> Thomas, 1913	212
<i>Chaerephon pumila websteri</i> Dollman, 1908	1136	<i>Chaerephon leucogaster</i> (A. Grandidier, 1869)	467
<i>Chaerephon pumilus naivashæ</i> Hollister, 1916	1137	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)	148
<i>Chæerephon russatus</i> J.A. Allen, 1917	1138	<i>Chaerephon russatus</i> J.A. Allen, 1917	321
<i>Chaerophon (Lophomops) nigri</i> Hatt, 1928	1140	<i>Chaerephon leucogaster</i> (A. Grandidier, 1869)	467
<i>Chaerophon pumilus elphicki</i> Roberts, 1926	1139	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)	148
<i>Chalinolobus argentatus</i> Dobson, 1875	1141	<i>Glauconycteris argentata</i> (Dobson, 1875)	372
<i>Chalinolobus congicus</i> Noack, 1889	1142	<i>Glauconycteris argentata</i> (Dobson, 1875)	372
<i>Cheiromelinae</i> Legendre, 1984	2370	<i>Molossinae</i> Gervais, 1856	267
CHEIROPTERA Flemming, 1822	3225	CHIROPTERA Blumenbach, 1779	242
CHEIROPTERA Gray, 1821	3224	CHIROPTERA Blumenbach, 1779	242
CHIROPTERA Blumenbach, 1779	2163	CHIROPTERA Blumenbach, 1779	242
<i>Chrysonycteris</i> Gray, 1866	1028	<i>Hipposideros</i> Gray, 1831	91
<i>Chrysopteron</i> Jentink, 1910	492	<i>Myotis</i> Kaup, 1829	74
<i>Cistugo</i> Thomas, 1912	325	<i>Cistugo</i> Thomas, 1912	75
<i>Cistugo lesueuri</i> Roberts, 1919	327	<i>Cistugo lesueuri</i> Roberts, 1919	131
<i>Cistugo seabræ</i> Thomas, 1912	750	<i>Cistugo seabræ</i> Thomas, 1912	130
<i>Clæotis</i> Thomas, 1901	1018	<i>Cloetis</i> Thomas, 1901	195
<i>Clæotis Percivali</i> Thomas, 1901	864	<i>Cloetis percivali</i> Thomas, 1901	196
<i>Clæotis percivali australis</i> Roberts, 1917	947	<i>Cloetis percivali</i> Thomas, 1901	196
<i>Cnephæus</i> Kaup, 1829	1144	<i>Eptesicus</i> Rafinesque, 1820	30
<i>Cæloephyllus</i> Peters, 1867	1063	<i>Rhinolophus</i> Lacépède, 1799	90
<i>Coelopsinae</i> Tate, 1941	2282	HIPPOSIDERIDAE Lydekker, 1891	251
<i>Coelopsinae</i> Tate, 1941	3270	<i>Hipposiderinae</i> Lydekker, 1891	514
<i>Coleura</i> Peters, 1867	301	<i>Coleura</i> Peters, 1867	88
<i>Coléura</i> Allen, 1939	2220	<i>Coleura</i> Peters, 1867	88
<i>Coleura kummeri</i> Monard, 1939	305	<i>Coleura afra</i> (Peters, 1852)	104
<i>Coleura seychellensis</i> Peters, 1868	965	<i>Coleura seychellensis</i> Peters, 1868	298
<i>Comastes</i> Fitzinger, 1870	490	<i>Myotis</i> Kaup, 1829	74
<i>Cyclorhina</i> Peters, 1871	1048	<i>Hipposideros</i> Gray, 1831	91
<i>Cynonycteris</i> Peters, 1852	1053	<i>Rousettus</i> Gray, 1821	86
<i>Cynonycteris angolensis</i> Bocage, 1898	2211	<i>Lissonycteris angolensis angolensis</i> (Bocage, 1898)	287
<i>Cynonycteris angolensis</i> Bocage, 1898	589	<i>Lissonycteris angolensis</i> (Bocage, 1898)	101
<i>Cynonycteris brachycephala</i> Bocage, 1889	2208	<i>Myonycteris (Phygetis) brachycephala</i> (Bocage, 1889)	420
<i>Cynonycteris torquata</i> Dobson, 1878	2205	<i>Myonycteris (Myonycteris) torquata torquata</i> (Dobson, 1878)	424
<i>Cynonycteris torquata</i> Dobson, 1878	751	<i>Myonycteris (Myonycteris) torquata</i> (Dobson, 1878)	422
<i>Cynopterinae</i> K. Andersen, 1912	2168	PTEROPODINAE Gray, 1821	416
<i>Cynopterini</i> Koopman and J.K. Jones Jr., 1970	2169	PTEROPODINAE Gray, 1821	416
<i>Cynopterus collaris</i> Gray, 1870	739	<i>Myonycteris (Myonycteris) torquata</i> (Dobson, 1878)	422
DERMAPTERA Aristotle, 330	3223	CHIROPTERA Blumenbach, 1779	242
<i>Desmalopex</i> Miller, 1907	1056	<i>Pteropus</i> Erxleben, 1777	172
<i>Dichromyotis</i> Bianchi, 1917	495	<i>Myotis</i> Kaup, 1829	74
<i>Diclidurinae</i> Miller, 1907	629	EMBALLONURIDAE Gervais, 1855	252
<i>Dinops</i> Savi, 1825	1146	<i>Tadarida</i> Rafinesque, 1814	82
<i>Dinops Cestonii</i> Savi, 1825	1147	<i>Tadarida teniotis</i> (Rafinesque, 1814)	319
<i>Dobsoniina</i> Koopman and J.K. Jones Jr., 1970	2170	PTEROPODINAE Gray, 1821	416
<i>Doryrhina</i> Peters, 1871	1045	<i>Hipposideros</i> Gray, 1831	91
<i>Dynops</i> Pavlinov, Borissenko, Kruskop and Jahonton, 1995	2373	<i>Tadarida</i> Rafinesque, 1814	82
<i>Dysopes</i> Cretzschmar, 1830	425	<i>Tadarida</i> Rafinesque, 1814	82
<i>Dysopes brachypterus</i> Peters, 1852	1458	<i>Mops (Xiphonycteris) brachypterus</i> (Peters, 1852)	222
<i>Dysopes dubius</i> Peters, 1852	1460	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)	148
<i>Dysopes geoffroyi</i> Temminck, 1827	2380	<i>Tadarida aegyptiaca aegyptiaca</i> (E. Geoffroy St.-Hilaire, 1818)	236
<i>Dysopes hepaticus</i> Heuglin, 1864	1462	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)	150

Original Name	Taxasyns _id	Current Name	Taxis_id
<i>Dysopes limbatus</i> Peters, 1852	1463	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)	148
<i>Dysopes midas</i> Sundevall, 1843	1464	<i>Mops (Mops) midas</i> (Sundevall, 1843)	149
<i>Dysopes midas</i> Sundevall, 1843	406	<i>Mops (Mops) midas midas</i> (Sundevall, 1843)	227
<i>Dysopes natalensis</i> A. Smith, 1847	324	<i>Mormopterus acetabulosus natalensis</i> (A. Smith, 1847)	194
<i>Dysopes pumilus</i> Cretzschmar, 1826	1468	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)	148
<i>Dysopes rüPELLII</i> Temminck, 1827	1469	<i>Tadarida teniotis</i> (Rafinesque, 1814)	319
<i>Dysopes Savii</i> Schinz, 1840	1470	<i>Tadarida teniotis</i> (Rafinesque, 1814)	319
<i>Dysopes talpinus</i> Heuglin, 1877	2381	<i>Tadarida aegyptiaca aegyptiaca</i> (E. Geoffroy St.-Hilaire, 1818)	236
<i>E[uryalus] atlanticus</i> K. Andersen and Matschie, 1904	645	<i>Rhinolophus euryale</i> Blasius, 1853	446
<i>E[uryalus] barbarus</i> K. Andersen and Matschie, 1904	907	<i>Rhinolophus euryale</i> Blasius, 1853	446
<i>E[uryalus] Cabrerae</i> K. Andersen and Matschie, 1904	646	<i>Rhinolophus euryale</i> Blasius, 1853	446
<i>E[uryalus] meridionalis</i> K. Andersen and Matschie, 1904	742	<i>Rhinolophus euryale</i> Blasius, 1853	446
<i>eggenhoffner</i> Corbet, 1978	2257	<i>Rhinolophus hipposideros</i> (Bechstein, 1800)	439
<i>Eidolon Rafinesque</i> , 1815	559	<i>Eidolon Rafinesque</i> , 1815	85
<i>Eidolon helvum annobonensis</i> Juste, Ibáñez and Machordom, 2000	2189	<i>Eidolon helvum helvum</i> (Kerr, 1792)	183
<i>Eleutherura Gray</i> , 1844	1055	<i>Rousettus Gray</i> , 1821	86
<i>Eleutherura unicolor Gray</i> , 1870	828	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)	100
<i>Emballonura Temminck</i> , 1838	2218	<i>Emballonura Temminck</i> , 1838	296
<i>Emballonura afra</i> Peters, 1852	302	<i>Coleura afra</i> (Peters, 1852)	104
<i>Emballonura atrata</i> Peters, 1874	2219	<i>Emballonura atrata</i> Peters, 1874	297
<i>Emballonura tiavato</i> Goodman, Cardiff, Ranivo, Russell and Yoder, 2006	3237	<i>Emballonura tiavato</i> Goodman, Cardiff, Ranivo, Russell, and Yoder, 2006	500
<i>Emballonuridae</i> Gervais, 1855	1023	<i>EMBALLONURIDAE</i> Gervais, 1855	252
<i>EMBALLONUROIDEA</i> Teeling, Springer, Madsen, Bates, O'Brien, and Murphy, 2005	3252	<i>NYCTEROIDEA</i>	258
<i>ENTOMOPHAGA Murray</i> , 1866	3232	<i>VESPERTILIONIFORMI</i>	245
<i>Eomops Thomas</i> , 1905	1472	<i>Myopterus</i> E. Geoffroy St.-Hilaire, 1818	315
<i>Ep[omophorus (Epomophorus)] büttikoferi</i> Matschie, 1899	267	<i>Epomops buettikoferi</i> (Matschie, 1899)	160
<i>Ep[omophorus (Epomophorus)] doriae</i> Matschie, 1899	574	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Ep[omophorus (Epomophorus)] neumanni</i> Matschie, 1899	177	<i>Epomophorus wahlbergi</i> (Sundevall, 1846)	94
<i>Ep[omophorus (Epomophorus)] stuhlmanni</i> Matschie, 1899	579	<i>Epomophorus wahlbergi</i> (Sundevall, 1846)	94
<i>Ep[omophorus (Epomophorus)] zechi</i> Matschie, 1899	2200	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)	186
<i>Ep[omophorus (Epomophorus)] zenkeri</i> Matschie, 1899	581	<i>Epomophorus wahlbergi</i> (Sundevall, 1846)	94
<i>Ephesicus Theodor</i> , 1956	3186	<i>Neoromicia Roberts</i> , 1926	35
<i>Ephesicus tenuipinnis</i> Theodor, 1956	3185	<i>Neoromicia tenuipinnis</i> (Peters, 1872)	363
<i>Epomophorina Gray</i> , 1866	2172	<i>PTEROPODINAE Gray</i> , 1821	416
<i>Epomophorinae</i> K. Andersen, 1912	2171	<i>PTEROPODINAE Gray</i> , 1821	416
<i>Epomophorus Bennett</i> , 1836	236	<i>Epomophorus Bennett</i> , 1836	83
<i>Epomophorus</i>	244	<i>Micropteropus Matschie</i> , 1899	156
<i>Epomophorus</i>	276	<i>Nanonycteris Matschie</i> , 1899	163
<i>Epomophorus anarus</i> Kityo and Kerbis, 1996	573	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus anchietae</i> de Seabra, 1900	282	<i>Plerotes anchietae</i> (de Seabra, 1900)	166
<i>Epomophorus anchietae</i> de Seabra, 1900	745	<i>Plerotes anchietae</i> (de Seabra, 1900)	166
<i>Epomophorus angolensis</i>	71	<i>Epomophorus gambianus crypturus</i> Peters, 1852	96
<i>Epomophorus anelli</i> Bergmans and Van Strien, 2004	2233	<i>Epomophorus anelli</i> Bergmans and Van Strien, 2004	476
<i>Epomophorus anurus</i>	135	<i>Epomophorus labiatus minor</i> Dobson, 1880	154
<i>Epomophorus anurus</i> Adam et al., 1972	41	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus anurus</i> Happold, 1987	40	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus anurus</i> Rosevear, 1965	39	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus anurus</i>	241	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)	186
<i>Epomophorus anurus</i> Heuglin, 1864	98	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus anurus</i> Thomas et al., 1921	38	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus comptus</i> H. Allen, 1862	582	<i>Epomops franqueti</i> (Tomes, 1860)	159
<i>Epomophorus crypturus</i> Peters, 1852	43	<i>Epomophorus gambianus crypturus</i> Peters, 1852	96
<i>Epomophorus crypturus</i>	229	<i>Epomophorus wahlbergi</i> (Sundevall, 1846)	94
<i>Epomophorus crypturus parvus</i> Meester,	84	<i>Epomophorus gambianus crypturus</i> Peters,	96

Original Name	Taxasyns _id	Current Name	Taxis_id
Rautenbach, Dippenaar and Baker, 1986		1852	
<i>Epomophorus dobsonii</i> Bocage, 1889	265	<i>Epomops dobsonii</i> (Bocage, 1889)	98
<i>Epomophorus franqueti</i> Tomes, 1860	259	<i>Epomops franqueti</i> (Tomes, 1860)	159
<i>Epomophorus gambianus</i> Ayensu, 1974	22	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus gambianus</i> Ogilby, 1835	239	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)	186
<i>Epomophorus gambianus</i> Robbins, 1980	31	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus gambianus</i> Koopman et al, 1978	30	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus gambianus</i> Kock, 1978	29	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus gambianus</i> Happold et al, 1978	28	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus gambianus</i>	90	<i>Epomophorus gambianus pousarguesi</i> Trouessart, 1904	152
<i>Epomophorus gambianus</i> Poche, 1975	27	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus gambianus</i> Koopman, 1975	26	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus gambianus</i> Jeffrey, 1975	25	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus gambianus</i> K. Andersen, 1912	10	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus gambianus</i> Dorst et al, 1972	20	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus gambianus</i> Largen, Kock and Yalden, 1974	23	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus gambianus</i> Schwarz, 1915	12	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus gambianus</i> Eisentraut, 1973	21	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus gambianus</i> Schlitter et al., 1982	33	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus gambianus</i> Thomas, 1912	11	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus gambianus</i> Koch-Weser, 1984	34	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus gambianus</i> Hayman and Hill, 1971	19	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus gambianus</i> Van Orshoven et al, 1968	18	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus gambianus</i> Rosevear, 1965	17	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus gambianus</i> Booth, 1959	16	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus gambianus</i> Rousselot, 1950	15	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus gambianus</i> Monard, 1939	14	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus gambianus</i> Braestrup, 1935	13	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus gambianus</i> Eisentraut, 1975	24	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus gambianus</i>	226	<i>Epomophorus wahlbergi</i> (Sundevall, 1846)	94
<i>Epomophorus gambianus</i>	72	<i>Epomophorus gambianus crypturus</i> Peters, 1852	96
<i>Epomophorus gambianus</i> Ogilby, 1835	2	<i>Epomophorus gambianus</i> (Ogilby, 1835)	95
<i>Epomophorus gambianus</i> Tuttle, 1986	113	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus gambianus</i> Marshall et al, 1982	32	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus gambianus crypturus</i> Bergmans, 1988	85	<i>Epomophorus gambianus crypturus</i> Peters, 1852	96
<i>Epomophorus gambianus gambianus</i> Bergmans, 1988	86	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus gambianus parvus</i> Ansell, 1960	568	<i>Epomophorus gambianus</i> (Ogilby, 1835)	95
<i>Epomophorus gambianus parvus</i> Ansell, 1960	80	<i>Epomophorus gambianus crypturus</i> Peters, 1852	96
<i>Epomophorus grandis</i> Bergmans, 1988	235	<i>Epomophorus grandis</i> (Sanborn, 1950)	155
<i>Epomophorus guineensis</i> Bocage, 1898	565	<i>Epomophorus gambianus</i> (Ogilby, 1835)	95
<i>Epomophorus guineensis</i> Bocage, 1898	2199	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)	186
<i>Epomophorus labiatus</i>	132	<i>Epomophorus labiatus minor</i> Dobson, 1880	154
<i>Epomophorus labiatus anurus</i>	148	<i>Epomophorus labiatus minor</i> Dobson, 1880	154
<i>Epomophorus labiatus labiatus</i> Largen, Kock and Yalden, 1974	2232	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus labiatus minor</i> G.M. Allen and Lawrence, 1936	106	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus macrocephalus</i> Peters, 1876	587	<i>Hypsignathus monstrosus</i> H. Allen, 1862	162
<i>Epomophorus macrocephalus var. angolensis</i> Gray, 1870	149	<i>Epomophorus angolensis</i> Gray, 1870	97
<i>Epomophorus macrocephalus var. unicolor</i> Gray, 1870	580	<i>Epomophorus wahlbergi</i> (Sundevall, 1846)	94
<i>Epomophorus minimus</i> Claessen and De Vree, 1991	578	<i>Epomophorus minimus</i> Claessen & De Vree, 1991	401
<i>Epomophorus minor</i> Dobson, 1880	115	<i>Epomophorus labiatus minor</i> Dobson, 1880	154
<i>Epomophorus minor</i> Dobson, 1880	575	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus n. sp.</i>	281	<i>Plerotes anchietae</i> (de Seabra, 1900)	166
<i>Epomophorus pousarguesi</i> Trouessart, 1904	87	<i>Epomophorus gambianus pousarguesi</i> Trouessart, 1904	152
<i>Epomophorus pusillus</i>	131	<i>Epomophorus labiatus minor</i> Dobson, 1880	154
<i>Epomophorus pusillus</i> Peters, 1868	247	<i>Micropteropus pusillus</i> (Peters, 1868)	157
<i>Epomophorus pusillus</i> Noack, 1889	252	<i>Micropteropus intermedius</i> Hayman, 1963	158
<i>Epomophorus reii</i> Baud, 1977	37	<i>Epomophorus labiatus</i> (Temminck, 1837)	153

Original Name	Taxasyns _id	Current Name	Taxis_id
<i>Epomophorus reii</i> Aellen, 1950	240	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)	186
<i>Epomophorus reii</i> Aellen, 1950	35	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus schoënsis</i> Tomes, 1860	597	<i>Micropteropus pusillus</i> (Peters, 1868)	157
<i>Epomophorus</i> sp. Hill and Morris, 1971	42	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Epomophorus</i> sp.	242	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)	186
<i>Epomophorus veldkampii</i> Jentink, 1888	277	<i>Nanonycteris veldkampii</i> (Jentink, 1888)	164
<i>Epomophorus whitii</i> Gray, 1838	2198	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)	186
<i>Epomops</i> Gray, 1866	258	<i>Epomops</i> Gray, 1866	84
<i>Epomops buettikoferi</i> Konstantinov, Pema, Labzin and Farafonova, 2000	2201	<i>Epomops buettikoferi</i> (Matschie, 1899)	160
<i>Epomops franqueti strepitans</i> K. Andersen, 1910	262	<i>Epomops franqueti</i> (Tomes, 1860)	159
<i>Eptesicops</i> Roberts, 1926	508	<i>Pipistrellus</i> Kaup, 1829	33
<i>Eptesicus Rafinesque</i> , 1820	2103	<i>Eptesicus Rafinesque</i> , 1820	30
<i>Eptesicus (Rhinopterus) notius</i> Ellerman, Morrison-Scott and Hayman, 1953	2991	<i>Neoromicia capensis</i> (A. Smith, 1829)	53
<i>Eptesicus ater</i> J.A. Allen, 1917	1474	<i>Neoromicia tenuipinnis</i> (Peters, 1872)	363
<i>Eptesicus capensis angolensis</i> J.Eric Hill, 1937	1475	<i>Neoromicia flavescens</i> (de Seabra, 1900)	362
<i>Eptesicus capensis nkatiensis</i> Roberts, 1932	1476	<i>Neoromicia capensis</i> (A. Smith, 1829)	53
<i>Eptesicus faradjius</i> J.A. Allen, 1917	1477	<i>Neoromicia rendalli</i> (Thomas, 1889)	58
<i>Eptesicus garambæ</i> J.A. Allen, 1917	1478	<i>Neoromicia capensis</i> (A. Smith, 1829)	53
<i>Eptesicus hottentotus bensoni</i> Roberts, 1946	1479	<i>Eptesicus hottentotus</i> (A. Smith, 1833)	39
<i>Eptesicus hottentotus portavernus</i> Schlitter and Aggundey, 1986	1480	<i>Eptesicus hottentotus</i> (A. Smith, 1833)	39
<i>Eptesicus hottentotus protavernus</i> Schlitter and Aggundey, 1986	2854	<i>Eptesicus hottentotus</i> (A. Smith, 1833)	39
<i>Eptesicus loveni</i> Granvik, 1924	335	<i>Myotis tricolor</i> (Temminck, 1832)	132
<i>Eptesicus megalurus pallidior</i> Shortridge, 1942	1481	<i>Eptesicus hottentotus</i> (A. Smith, 1833)	39
<i>Eptesicus melckorum</i> Roberts, 1919	1482	<i>Neoromicia melckorum</i> (Roberts, 1919)	359
<i>Eptesicus phasma</i> G.M. Allen, 1911	1483	<i>Neoromicia rendalli</i> (Thomas, 1889)	58
<i>Eptesicus rectitragus</i> Wettstein, 1916	1484	<i>Neoromicia guineensis</i> (Bocage, 1889)	361
<i>Eptesicus rendallii</i> Rautenbach and Fenton, 1992	3035	<i>Neoromicia rendalli</i> (Thomas, 1889)	58
<i>Eptesicus somalicus malagasyensis</i> Peterson, Eger and Mitchell, 1995	2675	<i>Neoromicia malagasyensis</i> (Peterson, Eger and Mitchell, 1995)	493
<i>Eptesicus tennuipinnis</i> Fenton and Bogdanowicz, 2002	2649	<i>Neoromicia tenuipinnis</i> (Peters, 1872)	363
<i>Eptesicus tennuipinnis</i> Cozens and Marchant, 1952	3181	<i>Neoromicia tenuipinnis</i> (Peters, 1872)	363
<i>Eptesicus tenuippinis</i> Fenton and Bogdanowicz, 2002	2650	<i>Neoromicia tenuipinnis</i> (Peters, 1872)	363
<i>Eptesicus ugandæ</i> Hollister, 1916	1486	<i>Neoromicia somalicus</i> (Thomas, 1901)	59
<i>Eptesicus zuluensis</i> Freitas, Bogo, and Christoff, 1992	3202	<i>Neoromicia zuluensis</i> (Roberts, 1924)	61
<i>Eptesicus zuluensis</i> Roberts, 1924	1487	<i>Neoromicia zuluensis</i> (Roberts, 1924)	61
<i>Eunycteris</i> Gray, 1866	1057	<i>Pteropus</i> Erxleben, 1777	172
<i>Euryalus</i> Matschie, 1901	1069	<i>Rhinolophus</i> Lacépède, 1799	90
<i>Euvespertilio</i> Acloque, 1899	491	<i>Myotis</i> Kaup, 1829	74
<i>Euvesperugo</i> Acloque, 1899	507	<i>Pipistrellus</i> Kaup, 1829	33
<i>Exochirus</i> Pavlinov, Borissenko, Kruskop and Jahonton, 1995	2685	<i>Myotis</i> Kaup, 1829	74
<i>Exochurus</i> Fitzinger, 1870	489	<i>Myotis</i> Kaup, 1829	74
FRUCTIVORAE Grey, 1821	3227	PTEROPODIFORMI	243
FRUGIVORA Giebel, 1855	3228	PTEROPODIFORMI	243
<i>Glauconycteris</i> Dobson, 1875	2105	<i>Glauconycteris</i> Dobson, 1875	77
<i>Glauconycteris alboguttata</i> J.A. Allen, 1917	1488	<i>Glauconycteris alboguttata</i> J.A. Allen, 1917	375
<i>Glauconycteris beatrix</i> Thomas, 1901	1489	<i>Glauconycteris beatrix</i> Thomas, 1901	376
<i>Glauconycteris curryi</i> Eger and Schlitter, 2001	1490	<i>Glauconycteris curryæ</i> Eger and Smith, 2001	454
<i>Glauconycteris egeria</i> Thomas, 1913	1491	<i>Glauconycteris egeria</i> Thomas, 1913	377
<i>Glauconycteris floweri</i> de Winton, 1901	1492	<i>Eptesicus floweri</i> (de Winton, 1901)	370
<i>Glauconycteris gleni</i> Peterson and Smith, 1973	1493	<i>Glauconycteris gleni</i> Peterson and Smith, 1973	371
<i>Glauconycteris humeralis</i> J.A. Allen, 1917	2626	<i>Glauconycteris humeralis</i> J.A. Allen, 1917	455
<i>Glauconycteris kenyacola</i> Peterson, 1982	1495	<i>Glauconycteris kenyacola</i> Peterson, 1982	378
<i>Glauconycteris machadoi</i> Hayman, 1963	1496	<i>Glauconycteris machadoi</i> Hayman, 1963	456
<i>Glauconycteris papilio</i> Thomas, 1905	1497	<i>Glauconycteris variegata</i> (Tomes, 1861)	134
<i>Glauconycteris phalæna</i> Thomas, 1915	1498	<i>Glauconycteris variegata</i> (Tomes, 1861)	134
<i>Glauconycteris superba</i> Hayman, 1939	1499	<i>Glauconycteris superba</i> Hayman, 1939	373
<i>Glauconycteris superba sheila</i> Hayman, 1947	1500	<i>Glauconycteris superba</i> Hayman, 1939	373
<i>Gloionycteris</i> Gray, 1866	1061	<i>Hipposideros</i> Gray, 1831	91

Original Name	Taxasyns _id	Current Name	Taxis_id
<i>Gymnorhina</i> Giebel, 1855	3234	VESPERTILIONIFORMI	245
<i>Gymnorhina</i> Wagner, 1843	697	VESPERTILIONIDAE Gray, 1821	247
<i>Gymnorhinida</i> Fatio, 1869	698	VESPERTILIONIDAE Gray, 1821	247
<i>H[ipposiderus]. gigas gambiensis</i> K. Andersen, 1906	831	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)	121
<i>H[ypsugo] savii darwinii</i> Pestano, Brown, Suárez, and Fajardo, 2003	3115	<i>Hypsugo savii</i> (Bonaparte, 1837)	352
<i>Harpyidae</i> H. Smith, 1842	536	PTEROPODIDAE Bonaparte, 1838	244
<i>Harpyiinae</i> Robin, 1881	541	PTEROPODINAE Gray, 1821	416
<i>Harpyionycterinae</i> Miller, 1907	540	PTEROPODINAE Gray, 1821	416
<i>Hesperomyotis</i> Cabrera, 1958	1038	<i>Myotis</i> Kaup, 1829	74
<i>Hipposiderinae</i> Lydekker, 1891	3269	<i>Hipposiderinae</i> Lydekker, 1891	514
<i>Hipposiderinae</i> Lydekker, 1891	2280	HIPPOSIDERIDAE Lydekker, 1891	251
<i>Hipposideros</i> Gray, 1831	1102	<i>Hipposideros</i> Gray, 1831	91
<i>Hipposideros abae</i> J.A. Allen, 1917	782	<i>Hipposideros abae</i> J.A. Allen, 1917	309
<i>Hipposideros beatus maximus</i> Verschuren, 1957	776	<i>Hipposideros beatus</i> (K. Andersen, 1906)	306
<i>Hipposideros braima</i> Monard, 1939	2288	<i>Hipposideros caffer</i> (Sundevall, 1846)	122
<i>Hipposideros braimah</i> Rosevear, 1965	695	<i>Hipposideros caffer</i> (Sundevall, 1846)	122
<i>Hipposideros caffer niapu</i> J.A. Allen, 1917	780	<i>Hipposideros ruber</i> (Noack, 1893)	304
<i>Hipposideros camerunensis</i> Eisentraut, 1956	761	<i>Hipposideros camerunensis</i> Eisentraut, 1956	308
<i>Hipposideros Commersoni mostellum</i> Thomas, 1904	878	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)	121
<i>Hipposideros curtus</i> G.M. Allen, 1921	763	<i>Hipposideros curtus</i> G.M. Allen, 1921	302
<i>Hipposideros gigas niangarae</i> J.A. Allen, 1917	787	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)	121
<i>Hipposideros gigas viegasi</i> Monard, 1939	847	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)	121
<i>Hipposideros jonesi</i> Hayman, 1947	967	<i>Hipposideros jonesi</i> Hayman, 1947	300
<i>Hipposideros lamottei</i> Brosset, 1985	845	<i>Hipposideros lamottei</i> Brosset, 1985	305
<i>Hipposideros langi</i> J.A. Allen, 1917	779	<i>Hipposideros cyclops</i> (Temminck, 1853)	307
<i>Hipposideros marisae</i> Aellen, 1954	771	<i>Hipposideros marisae</i> Aellen, 1954	301
<i>Hipposideros nanus</i> J.A. Allen, 1917	774	<i>Hipposideros caffer</i> (Sundevall, 1846)	122
<i>Hipposideros sandersoni</i> Sanderson, 1937	924	<i>Hipposideros curtus</i> G.M. Allen, 1921	302
<i>Hipposiderus</i> Gray, 1834	691	<i>Hipposideros</i> Gray, 1831	91
<i>Hipposiderus beatus</i> K. Andersen, 1906	810	<i>Hipposiderus beatus</i> (K. Andersen, 1906)	306
<i>Hipposiderus caffer centralis</i> K. Andersen, 1906	1003	<i>Hipposideros ruber</i> (Noack, 1893)	304
<i>Hipposiderus caffer guineensis</i> K. Andersen, 1906	826	<i>Hipposideros ruber</i> (Noack, 1893)	304
<i>Hipposiderus tephros</i> Cabrera, 1906	905	<i>Hipposideros caffer</i> (Sundevall, 1846)	122
<i>Historhina</i> Van der Hoeven, 1855	641	RHINOLOPHIDAE Gray, 1825	249
<i>Hypsignathus</i> H. Allen, 1862	270	<i>Hypsignathus</i> H. Allen, 1862	161
<i>Hypsignathus haldemani</i> Matschie, 1899	585	<i>Hypsignathus monstrosus</i> H. Allen, 1862	162
<i>Hypsignathus monstrosus</i> H. Allen, 1862	272	<i>Hypsignathus monstrosus</i> H. Allen, 1862	162
<i>Hypsugo</i> Kolenati, 1856	500	<i>Hypsugo</i> Kolenati, 1856	34
<i>Hypsignathus monstrosus</i>	274	<i>Hypsignathus monstrosus</i> H. Allen, 1862	162
INSECTIVORAE Gray, 1821	3230	VESPERTILIONIFORMI	245
<i>Isotus</i> Kolenati, 1856	486	<i>Myotis</i> Kaup, 1829	74
<i>Keivoula</i> Struebig, Rossiter, Bates, Kingston, Sai Sein Lin Oo, Aye Aye Nwe, Moe Moe Aung, Sein Sein Win and Khin Mya Mya, 2005	2877	<i>Kerivoula</i> Gray, 1842	78
<i>Kerivoula</i> Gray, 1842	1101	<i>Kerivoula</i> Gray, 1842	78
<i>Kerivoula africana</i> Dobson, 1878	993	<i>Kerivoula africana</i> Dobson, 1878	393
<i>Kerivoula argentata</i> Tomes, 1861	920	<i>Kerivoula argentata</i> Tomes, 1861	135
<i>Kerivoula brunnea</i> Dobson, 1878	944	<i>Kerivoula lanosa</i> (A. Smith, 1847)	136
<i>Kerivoula cuprosa</i> Thomas, 1912	757	<i>Kerivoula cuprosa</i> Thomas, 1912	391
<i>Kerivoula harrisoni</i> Thomas, 1901	732	<i>Kerivoula lanosa</i> (A. Smith, 1847)	136
<i>Kerivoula harrisoni bellula</i> Aellen, 1959	772	<i>Kerivoula lanosa</i> (A. Smith, 1847)	136
<i>Kerivoula lucia</i> Hinton, 1920	1013	<i>Kerivoula lanosa</i> (A. Smith, 1847)	136
<i>Kerivoula lueia</i> Kershaw, 1922	712	<i>Kerivoula lanosa</i> (A. Smith, 1847)	136
<i>Kerivoula muscilla</i> Thomas, 1906	756	<i>Kerivoula lanosa</i> (A. Smith, 1847)	136
<i>Kerivoula nidicola zuluensis</i> Roberts, 1924	941	<i>Kerivoula argentata</i> Tomes, 1861	135
<i>Kerivoula phalaena</i> Thomas, 1912	837	<i>Kerivoula phalaena</i> Thomas, 1912	392
<i>Kerivoula poensis</i> Gray, 1842	1503	<i>Glauconycteris poensis</i> (Gray, 1842)	374
<i>Kerivoula Smithii</i> Thomas, 1880	925	<i>Kerivoula smithii</i> Thomas, 1880	390
<i>Kerivoulinae</i> Miller, 1907	1030	<i>Kerivoulinae</i> Miller, 1907	255
<i>Kiodotinae</i> Palmer, 1898	2165	MACROGLOSSINAE Gray, 1866	417
<i>Kirivoula</i> Gervais, 1849	708	<i>Kerivoula</i> Gray, 1842	78
<i>Laephotis</i> Thomas, 1901	330	<i>Laephotis</i> Thomas, 1901	31
<i>Laephotis angolensis</i> Monard, 1935	1505	<i>Laephotis angolensis</i> Monard, 1935	48
<i>Laephotis botswanae</i> Setzer, 1971	331	<i>Laephotis botswanae</i> Setzer, 1971	49
<i>Laephotis namibensis</i> Setzer, 1971	333	<i>Laephotis namibensis</i> Setzer, 1971	50

Original Name	Taxasyns _id	Current Name	Taxis_id
<i>Læphotis Wintoni</i> Thomas, 1901	332	<i>Laephotis wintoni</i> Thomas, 1901	51
<i>Lavia</i> Gray, 1838	1034	<i>Lavia</i> Gray, 1838	404
<i>Lavia frons affinis</i> K. Andersen and Wroughton, 1907	992	<i>Lavia frons</i> (E. Geoffroy St.-Hilaire, 1810)	405
<i>Lavia rex</i> Miller, 1905	999	<i>Lavia frons</i> (E. Geoffroy St.-Hilaire, 1810)	405
<i>Leiponyx</i> Jentink, 1881	544	<i>Eidolon Rafinesque</i> , 1815	85
<i>Leiponyx büttikoferi</i> Jentink, 1881	2186	<i>Eidolon helvum helvum</i> (Kerr, 1792)	183
<i>Liponycteris</i> Thomas, 1922	290	<i>Taphozous</i> E. Geoffroy St.-Hilaire, 1818	87
<i>Liponyx</i> Forbes, 1882	545	<i>Eidolon Rafinesque</i> , 1815	85
<i>Lissonycteris angolensis goliath</i> Bergmans, 1997	592	<i>Lissonycteris goliath</i> Bergmans, 1997	200
<i>Lissonycteris angolensis petraea</i> Bergmans, 1997	593	<i>Lissonycteris petraea</i> Bergmans, 1997	290
<i>Lissonycteris goliath</i> Cotterill, 2001	2249	<i>Lissonycteris goliath</i> Bergmans, 1997	200
<i>Lissonycteris petraea</i> Cotterill, 2001	2250	<i>Lissonycteris petraea</i> Bergmans, 1997	290
<i>Livia</i> Agassiz, 1846	640	<i>Lavia</i> Gray, 1838	404
<i>Loeconoë</i> Boie, 1830	1086	<i>Myotis</i> Kaup, 1829	74
<i>M[iniopterus] screibersi</i> Pavlinov, Borissenko, Kruskop and Jahonton, 1995	1941	<i>Miniopterus schreibersii</i> (Kuhl, 1817)	127
<i>Macroglossi</i> Dobson, 1875	2166	<i>MACROGLOSSINAE</i> Gray, 1866	417
<i>Macroglossina</i> Gray, 1866	2167	<i>MACROGLOSSINAE</i> Gray, 1866	417
<i>MACROGLOSSINAE</i> Gray, 1866	611	<i>MACROGLOSSINAE</i> Gray, 1866	417
<i>Macronycteris</i> Gray, 1866	1065	<i>Hipposideros</i> Gray, 1831	91
<i>Macrotus</i> Leach, 1816	2154	<i>Plecotus</i> E. Geoffroy St.-Hilaire, 1818	386
major Kerr, 1792	658	<i>Rhinolophus ferrumequinum</i> (Schreber, 1774)	437
major E. Geoffroy Saint-Hilaire, 1803	659	<i>Rhinolophus ferrumequinum</i> (Schreber, 1774)	437
maxima Fatio, 1869	2530	<i>Nyctalus lasiopterus</i> (Schreber, 1780)	367
<i>MEGACHIROPTERA</i> Dobson, 1875	3218	<i>PTEROPODIFORMI</i>	243
<i>Megaderma cor</i> Peters, 1872	820	<i>Cardioderma cor</i> (Peters, 1872)	432
<i>Megaderma frons</i> E. Geoffroy Saint-Hilaire, 1810	963	<i>Lavia frons</i> (E. Geoffroy St.-Hilaire, 1810)	405
<i>Megadermatidae</i> H. Allen, 1864	1035	<i>MEGADERMATIDAE</i> H. Allen, 1864	403
<i>Megaloglossus</i> Pagenstecher, 1885	1036	<i>Megaloglossus</i> Pagenstecher, 1885	399
<i>Megaloglossus woermanni</i> Pagenstecher, 1885	830	<i>Megaloglossus woermanni</i> Pagenstecher, 1885	400
<i>Megaloglossus woermanni prigoginii</i> Hayman, 1966	777	<i>Megaloglossus woermanni</i> Pagenstecher, 1885	400
<i>Megapipistrellus</i> Bianchi, 1917	494	<i>Myotis</i> Kaup, 1829	74
<i>Meteoros</i> Kolenati, 1856	1513	<i>Eptesicus Rafinesque</i> , 1820	30
<i>MICROCHIROPTERA</i> Dobson, 1875	3219	<i>PTEROPODIFORMI</i>	243
<i>MICROCHIROPTERA</i> Dobson, 1875	3221	<i>VESPERTILIONIFORMI</i>	245
<i>Micropteropus</i> Matschie, 1899	243	<i>Micropteropus</i> Matschie, 1899	156
<i>Micropteropus grandis</i> Ellerman, Morrison-Scott and Hayman, 1953	253	<i>Micropteropus intermedius</i> Hayman, 1963	158
<i>Micropteropus grandis</i> Sanborn, 1950	232	<i>Epomophorus grandis</i> (Sanborn, 1950)	155
<i>Micropteropus intermedius</i> Hayman, 1963	255	<i>Micropteropus intermedius</i> Hayman, 1963	158
<i>Micropteropus pusillus</i> Kock, 1969	256	<i>Micropteropus intermedius</i> Hayman, 1963	158
<i>Micropteropus grandis</i> Leleup, 1956	254	<i>Micropteropus intermedius</i> Hayman, 1963	158
<i>Micropteropus pusillus</i> Henry, Barrière, Gautier-Hion and Colyn, 2004	250	<i>Micropteropus pusillus</i> (Peters, 1868)	157
<i>midas</i> Schulze, 1897	1516	<i>Tadarida teniotis</i> (Rafinesque, 1814)	319
<i>Mimetillus</i> Thomas, 1904	2109	<i>Mimetillus</i> Thomas, 1904	206
<i>Mimetillus bernerii</i> Monard, 1933	1517	<i>Mimetillus thomasi</i> Hinton, 1920	457
<i>Mimetillus thomasi</i> Hinton, 1920	1518	<i>Mimetillus thomasi</i> Hinton, 1920	457
<i>Miniopteri</i> Dobson, 1875	703	<i>VESPERTILIONIDAE</i> Gray, 1821	247
<i>Miniopteridae</i> Dobson, 1875	2161	<i>MINIOPTERIDAE</i> Dobson, 1875	253
<i>Miniopterus</i> Gray, 1866	448	<i>Miniopterus</i> Bonaparte, 1837	73
<i>Miniopterus</i> Bonaparte, 1837	447	<i>Miniopterus</i> Bonaparte, 1837	73
<i>Miniopterus africanus</i> Sanborn, 1936	1520	<i>Miniopterus africanus</i> Sanborn, 1936	463
<i>Miniopterus breyeri</i> Jameson, 1909	1521	<i>Miniopterus natalensis</i> (A. Smith, 1833)	128
<i>Miniopterus breyeri vicinior</i> J.A. Allen, 1917	1522	<i>Miniopterus natalensis</i> (A. Smith, 1833)	128
<i>Miniopterus fraterculus</i> Thomas and Schwann, 1906	1523	<i>Miniopterus fraterculus</i> Thomas and Schwann, 1906	126
<i>Miniopterus gleni</i> Peterson, Eger and Mitchell, 1995	1524	<i>Miniopterus gleni</i> Peterson, Eger and Mitchell, 1995	464
<i>Miniopterus inflatus</i> Thomas, 1903	451	<i>Miniopterus inflatus inflatus</i> Thomas, 1903	276
<i>Miniopterus inflatus</i> Thomas, 1903	1525	<i>Miniopterus inflatus</i> Thomas, 1903	125
<i>Miniopterus inflatus villiersi</i> Aellen, 1956	1526	<i>Miniopterus schreibersii</i> (Kuhl, 1817)	127
<i>Miniopterus Majori</i> Thomas, 1906	1527	<i>Miniopterus majori</i> Thomas, 1906	465
<i>Miniopterus manavi</i> Thomas, 1906	1528	<i>Miniopterus manavi</i> Thomas, 1906	466
<i>Miniopterus minor</i> Peters, 1867	1529	<i>Miniopterus minor</i> Peters, 1867	389
<i>Miniopterus minor grivaudi</i> Koopman, 1993	2715	<i>Miniopterus manavi</i> Thomas, 1906	466
<i>Miniopterus minor griveaudi</i> Harrison, 1959	1530	<i>Miniopterus manavi</i> Thomas, 1906	466
<i>Miniopterus natalensis arenarius</i> Heller, 1912	2713	<i>Miniopterus natalensis</i> (A. Smith, 1833)	128

Original Name	Taxasyns _id	Current Name	Taxis_id
<i>Miniopterus newtoni</i> Barboza du Bocage, 1889	1531	<i>Miniopterus minor</i> Peters, 1867	389
<i>Miniopterus rufus</i> Sanborn, 1936	452	<i>Miniopterus inflatus rufus</i> Sanborn, 1936	277
<i>Miniopterus smitianus</i> Thomas, 1927	466	<i>Miniopterus natalensis</i> (A. Smith, 1833)	128
<i>Minneopterus</i> Lampe, 1900	450	<i>Miniopterus</i> Bonaparte, 1837	73
<i>minor</i> Kerr, 1792	680	<i>Rhinolophus hipposideros</i> (Bechstein, 1800)	439
<i>Minyopterus</i> Winge, 1892	449	<i>Miniopterus</i> Bonaparte, 1837	73
<i>Molossidae</i> Gervais, 1856	2099	<i>MOLLOSSIDAE</i> Gervais, 1856	246
<i>Molossinae</i> Gervais, 1856	2369	<i>Molossinae</i> Gervais, 1856	267
<i>Molossoidea</i> Simmons, 1998	2390	<i>MOLOSSOIDEA</i> Simmons, 1998	265
<i>Mops</i> Lesson, 1842	2090	<i>Mops</i> Lesson, 1842	203
<i>Mops</i> Lesson, 1842	2397	<i>Mops (Mops)</i> Lesson, 1842	484
<i>Mops (Allomops) faradjius</i> J.A. Allen, 1917	1539	<i>Mops (Mops) demonstrator</i> (Thomas, 1903)	330
<i>Mops (Allomops) nanulus</i> J.A. Allen, 1917	1540	<i>Mops (Xiphonycteris) nanulus</i> J.A. Allen, 1917	325
<i>Mops (Allomops) occipitalis</i> J.A. Allen, 1917	1541	<i>Mops (Xiphonycteris) thersites</i> (Thomas, 1903)	328
<i>Mops angolensis niveiventer</i> Cabrera and Ruxton, 1926	2423	<i>Mops (Mops) niveiventer</i> Cabrera and Ruxton, 1926	329
<i>Mops angolensis orientis</i> G.M. Allen and Loveridge, 1942	401	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)	150
<i>Mops angolensis wonderi</i> Sanborn, 1936	1543	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)	150
<i>Mops calabarensis</i> Hayman, 1940	1544	<i>Mops (Xiphonycteris) nanulus</i> J.A. Allen, 1917	325
<i>Mops chitauensis</i> J.Eric Hill, 1937	2425	<i>Mops (Mops) niveiventer</i> Cabrera and Ruxton, 1926	329
<i>Mops congicus</i> J.A. Allen, 1917	1546	<i>Mops (Mops) congicus</i> J.A. Allen, 1917	332
<i>Mops nannulus</i> Sanderson, 1940	1547	<i>Mops (Xiphonycteris) nanulus</i> J.A. Allen, 1917	325
<i>Mops niangaræ</i> J.A. Allen, 1917	1548	<i>Mops (Mops) niangaræ</i> J.A. Allen, 1917	470
<i>Mops osborni occidentalis</i> Monard, 1939	1549	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)	150
<i>Mops osborni occidentalis f. fulva</i> Monard, 1939	1550	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)	150
<i>Mops rüppellii</i> Allen, 1939	2873	<i>Tadarida ventralis</i> (Heuglin, 1861)	141
<i>Mops trevoli</i> Kityo and Kerbis, 1996	2412	<i>Mops (Mops) trevoli</i> J.A. Allen, 1917	331
<i>Mops trevori</i> J.A. Allen, 1917	1551	<i>Mops (Mops) trevori</i> J.A. Allen, 1917	331
<i>Mormopterus</i> Peters, 1865	2093	<i>Mormopterus</i> Peters, 1865	81
<i>Mormopterus setiger</i> Peters, 1878	411	<i>Platymops setiger setiger</i> (Peters, 1878)	231
<i>Mormopterus setiger</i> Peters, 1878	1552	<i>Platymops setiger</i> (Peters, 1878)	230
<i>Mormopterus Whitleyi</i> Scharff, 1900	1553	<i>Myopterus whitleyi</i> (Scharff, 1900)	316
<i>murinus</i> Schreber, 1774	1554	<i>Myotis myotis</i> (Borkhausen, 1797)	451
<i>Myonycteris</i> Matschie, 1899	595	<i>Myonycteris</i> Matschie, 1899	201
<i>Myonycteris</i> Matschie, 1895	2204	<i>Myonycteris (Myonycteris) Matschie</i> , 1899	418
<i>Myonycteris leptodon</i> K. Andersen, 1908	2206	<i>Myonycteris (Myonycteris) torquata leptodon</i> K. Andersen, 1908	423
<i>Myonycteris relicta</i> Bergmans, 1980	865	<i>Myonycteris (Myonycteris) relicta</i> Bergmans, 1980	202
<i>Myonycteris wroughtoni</i> K. Andersen, 1908	2207	<i>Myonycteris (Myonycteris) torquata wroughtoni</i> K. Andersen, 1908	425
<i>Myoptera</i> de Blainville, 1837	1555	<i>Myopterus</i> E. Geoffroy St.-Hilaire, 1818	315
<i>Myopterus</i> Desmarest, 1820	1556	<i>Myopterus</i> E. Geoffroy St.-Hilaire, 1818	315
<i>Myopterus</i> E. Geoffroy Saint-Hilaire, 1818	2094	<i>Myopterus</i> E. Geoffroy St.-Hilaire, 1818	315
<i>Myopterus albatus</i> Thomas, 1915	1557	<i>Myopterus daubentonii</i> Desmarest, 1820	318
<i>Myopterus daubentonii</i> Desmarest, 1820	1558	<i>Myopterus daubentonii</i> Desmarest, 1820	318
<i>Myopterus senegalensis</i> Oken, 1816	1559	<i>Myopterus daubentonii</i> Desmarest, 1820	318
<i>Myotiinae</i> Simmons, 1998	2391	<i>Myotiinae</i> Tate, 1942	256
<i>Myotinae</i> Tate, 1942	713	<i>Myotinae</i> Tate, 1942	256
<i>Myotini</i> Tate, 1941	705	<i>VESPERTILIONIDAE</i> Gray, 1821	247
<i>Myotis</i> Kaup, 1829	478	<i>Myotis</i> Kaup, 1829	74
<i>Myotis (Cistugo) sebrai</i> Bickham, Patton, Schlitter, Rautenbach and Honeycutt, 2004	2707	<i>Cistugo seabrae</i> Thomas, 1912	130
<i>Myotis blythii punicus</i> Felten, 1977	1561	<i>Myotis punicus</i> Felten, 1977	452
<i>Myotis bocagei bocagei</i>	2702	<i>Myotis bocagii bocagii</i> (Peters, 1870)	279
<i>Myotis Bocagei cupreolus</i> Thomas, 1904	2703	<i>Myotis bocagii cupreolus</i> Thomas, 1904	280
<i>Myotis cf. punicus</i> Castella, Ruedi, Excoffier, Ibanez, Arlettaz and Hausser, 2000	3238	<i>Myotis punicus</i> Felten, 1977	452
<i>Myotis dieteri</i> M. Happold, 2005	3095	<i>Myotis dieteri</i> M. Happold, 2005	497
<i>Myotis Escalerae</i> Cabrera, 1904	2693	<i>Myotis nattereri</i> (Kuhl, 1817)	338
<i>Myotis Hildegardeæ</i> Thomas, 1904	499	<i>Myotis bocagii bocagii</i> (Peters, 1870)	279
<i>Myotis morrisi</i> Hill, 1971	1564	<i>Myotis morrisi</i> Hill, 1971	340
<i>Myotis nattereri</i> Yoshiyuki and Endo, 2003	2691	<i>Myotis nattereri</i> (Kuhl, 1817)	338
<i>Myotis scotti</i> Thomas, 1927	1568	<i>Myotis scotti</i> Thomas, 1927	342
<i>Myotiz</i> Spiewak, Johansson and Wüthrich, 1996	2682	<i>Myotis</i> Kaup, 1829	74
<i>Myotiz myotiz</i> Spiewak, Johansson and Wüthrich, 1996	2687	<i>Myotis myotis</i> (Borkhausen, 1797)	451
<i>Myotus</i> Kolenati, 1856	718	<i>Myotis</i> Kaup, 1829	74
<i>Myxopoda</i> Dobson, 1879	2481	<i>Myzopoda</i> Milne-Edwards and A. Grandidier,	479

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		1878	
<i>Myzopoda</i> A. Milne-Edwards and A. Grandidier, 1878	2480	<i>Myzopoda</i> Milne-Edwards and A. Grandidier, 1878	479
<i>Myzopoda aurita</i> A. Milne-Edwards and A. Grandidier, 1878	2482	<i>Myzopoda aurita</i> Milne-Edwards and A. Grandidier, 1878	480
<i>Myzopoda schliemanni</i> Goodman, Rakotondraparany and Kofoky, 2007	3261	<i>Myzopoda schliemanni</i> Goodman, Rakotondraparany and Kofoky, 2007	512
<i>Myzopodidae</i> Thomas, 1904	2479	MYZOPODIDAE Thomas, 1904	478
<i>N(yctinomus) midas</i> de Winton, 1901	2871	<i>Tadarida ventralis</i> (Heuglin, 1861)	141
<i>N(yctinomus) taeniotis</i> Thomas, 1891	2870	<i>Tadarida ventralis</i> (Heuglin, 1861)	141
<i>N(ycticejus) adovanus</i> Heuglin, 1877	1569	<i>Nycticeinops schlieffenii</i> (Peters, 1859)	62
<i>Nannugo Kolenati</i> , 1856	505	<i>Pipistrellus</i> Kaup, 1829	33
<i>Nannugo Kolenatii</i> Müller, 1858	2886	<i>Pipistrellus "incertae-sedis"</i>	495
<i>Nanonycteris Matschie</i> , 1899	275	<i>Nanonycteris Matschie</i> , 1899	163
<i>Nanonycteris veldkampi</i>	251	<i>Micropteropus pusillus</i> (Peters, 1868)	157
<i>Nanonycteris veldkampii</i>	284	<i>Plerotes anchietae</i> (de Seabra, 1900)	166
<i>Nanonycteris weldkampi</i> Konstantinov, Pema, Labzin and Farafonova, 2000	2203	<i>Nanonycteris veldkampi</i> (Jentink, 1888)	164
<i>Neoromicia</i> Roberts, 1926	2113	<i>Neoromicia</i> Roberts, 1926	35
<i>Neoromicia vansoni</i> Roberts, 1932	1574	<i>Neoromicia zuluensis</i> (Roberts, 1924)	61
<i>Nycteris Desmarest</i> , 1803	635	<i>Nycteris</i> G. Cuvier and E. Geoffroy, 1795	89
<i>Nycticejus</i> Rüppell, 1842	2157	<i>Scotophilus</i> Leach, 1821	37
<i>nivieventer</i> Fenton, 1975	2424	<i>Mops (Mops) niveiventer</i> Cabrera and Ruxton, 1926	329
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NOCTILIONOIDEA	3259	NOCTILIONOIDEA	510
<i>Noctula</i> Bonaparte, 1837	1575	<i>Eptesicus Rafinesque</i> , 1820	30
<i>Noctulinia</i> Cabrera, 1914	2527	<i>Nyctalus</i> Bowdich, 1825	364
<i>Noctulinia</i> Grey, 1842	3239	<i>Nyctalus</i> Bowdich, 1825	364
<i>Nyctalis</i> Sheshurak and Kedrov, 2002	2526	<i>Nyctalus</i> Bowdich, 1825	364
<i>Nyctalus</i> Bowdich, 1825	2123	<i>Nyctalus</i> Bowdich, 1825	364
<i>Nyctalus verrucosus</i> Bowdich, 1825	1576	<i>Nyctalus leisleri</i> (Kuhl, 1817)	365
<i>Nycteridae</i> Van der Hoeven, 1855	1040	NYCTERIDAE Van der Hoeven, 1855	248
<i>Nycteridae</i> Schulze, 1893	704	VESPERTILIONIDAE Gray, 1821	247
<i>Nycterides</i> Haeckel, 1866	3231	VESPERTILIONIFORMI	245
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<i>Nycterikaupius</i> Menu, 1987	2859	<i>Neoromicia</i> Roberts, 1926	35
<i>Nycterikaupius</i> Menu, 1987	2858	<i>Pipistrellus</i> Kaup, 1829	33
<i>Nycteris</i> G. Cuvier and E. Geoffroy, 1795	306	<i>Nycteris</i> G. Cuvier and E. Geoffroy, 1795	89
<i>Nycteris aethiopica</i> Dobson, 1878	986	<i>Nycteris macrotis</i> Dobson, 1876	108
<i>Nycteris aethiopica guineensis</i> Monard, 1939	849	<i>Nycteris macrotis</i> Dobson, 1876	108
<i>Nycteris aethiopica guineensis f. aurantiaca</i> Monard, 1939	850	<i>Nycteris macrotis</i> Dobson, 1876	108
<i>Nycteris aethiopica luteola</i> Thomas, 1901	869	<i>Nycteris macrotis</i> Dobson, 1876	108
<i>Nycteris affinis</i> A. Smith, 1829	934	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818	109
<i>Nycteris albiventer</i> Wagner, 1840	987	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818	109
<i>Nycteris angolensis</i> Peters, 1871	747	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818	109
<i>Nycteris argae</i> Fenton and Bogdanowicz, 2002	2306	<i>Nycteris arge</i> Thomas, 1903	395
<i>Nycteris arge</i> Thomas, 1903	764	<i>Nycteris arge</i> Thomas, 1903	395
<i>Nycteris avakubia</i> J.A. Allen, 1917	781	<i>Nycteris major</i> (K. Andersen, 1912)	397
<i>Nycteris baikii</i> Gray, 1866	740	<i>Nycteris grandis</i> Peters, 1865	106
<i>Nycteris benuensis</i> Aellen, 1952	2314	<i>Nycteris parisii</i> (de Beaux, 1923)	430
<i>Nycteris capensis</i> A. Smith, 1829	946	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818	109
<i>Nycteris damarensis</i> Peters, 1871	917	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818	109
<i>Nycteris Daubentonii</i> E. Geoffroy Saint-Hilaire, 1813	962	<i>Nycteris hispida</i> (Schreber, 1774)	105
<i>Nycteris discolor</i> Wagner, 1840	936	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818	109
<i>Nycteris fuliginosa</i> Peters, 1852	908	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818	109
<i>Nycteris Geoffroyi</i> Desmarest, 1820	957	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818	109
<i>Nycteris geoffroyi</i> Var. <i>senegalensis</i> Hartmann, 1868	989	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818	109
<i>Nycteris grandis</i> Peters, 1865	839	<i>Nycteris grandis</i> Peters, 1865	106
<i>Nycteris graudis</i> Baker, Honeycutt and Van den Bussche, 1991	638	<i>Nycteris grandis</i> Peters, 1865	106
<i>Nycteris intermedia</i> Aellen, 1959	773	<i>Nycteris intermedia</i> Aellen, 1959	414
<i>Nycteris labiata</i> Heuglin, 1861	814	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818	109
<i>Nycteris macrotis</i> Dobson, 1876	968	<i>Nycteris macrotis</i> Dobson, 1876	108
<i>Nycteris madagascariensis</i> G. Grandidier, 1937	895	<i>Nycteris madagascariensis</i> G. Grandidier, 1937	429
<i>Nycteris major</i> J.A. Allen, 1917	2305	<i>Nycteris macrotis</i> Dobson, 1876	108
<i>Nycteris marica</i> Kershaw, 1923	995	<i>Nycteris grandis</i> Peters, 1865	106
<i>Nycteris nana tristis</i> G.M. Allen and Lawrence, 1936	867	<i>Nycteris nana</i> (K. Andersen, 1912)	396

Original Name	Taxasyns _id	Current Name	Taxis_id
<i>Nycteris oriana</i> Kershaw, 1922	897	<i>Nycteris macrotis</i> Dobson, 1876	108
<i>Nycteris pallida</i> J.A. Allen, 1917	775	<i>Nycteris hispida</i> (Schreber, 1774)	105
<i>Nycteris poensis</i> Gray, 1843	809	<i>Nycteris hispida</i> (Schreber, 1774)	105
<i>Nycteris proxima</i> Lönnberg and Gyldenstolpe, 1925	783	<i>Nycteris grandis</i> Peters, 1865	106
<i>Nycteris Revoillii</i> Robin, 1881	972	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818	109
<i>Nycteris thebaica labiata</i> Van Cakenberghe and De Vree, 1999	2362	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818	109
<i>Nycteris thebaica fuliginosa</i> Seabra, 1900	2361	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818	109
<i>Nycteris thebaica thebaica</i> Wettstein, 1918	2367	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818	109
<i>Nycteris Thebaicus</i> E. Geoffroy Saint-Hilaire, 1818	804	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818	109
<i>Nycteris thebiaca</i> Koopman, 1975	2304	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818	109
<i>Nycteris villosa</i> Peters, 1852	911	<i>Nycteris hispida</i> (Schreber, 1774)	105
<i>Nycteris vinsoni</i> Dalquest, 1965	909	<i>Nycteris vinsoni</i> Dalquest, 1965	110
<i>Nycteris woodi</i> K. Andersen, 1914	1006	<i>Nycteris woodi</i> K. Andersen, 1914	107
<i>Nycteris woodi sabiensis</i> Roberts, 1946	1012	<i>Nycteris woodi</i> K. Andersen, 1914	107
NYCTEROIDEA	3253	NYCTEROIDEA	258
<i>Nycterops</i> Gray, 1866	1042	<i>Nycteris</i> G. Cuvier and E. Geoffroy, 1795	89
<i>Nycterops pilosa</i> Gray, 1866	724	<i>Nycteris hispida</i> (Schreber, 1774)	105
<i>Nycticeina</i> Gervais, 1855	699	VESPERTILIONIDAE Gray, 1821	247
<i>Nycticeinops</i> Hill and Harrison, 1987	2126	<i>Nycticeinops</i> Hill & Harrison, 1987	32
<i>Nycticeius africanus</i> G.M. Allen, 1911	1577	<i>Nycticeinops schlieffenii</i> (Peters, 1859)	62
<i>Nycticejus eriophora</i> Heuglin, 1877	818	<i>Kerivoula eriophora</i> (Heuglin, 1877)	449
<i>Nycticejus flavigaster</i> Heuglin, 1861	1783	<i>Scotophilus leucogaster</i> (Cretzschmar, 1826)	72
<i>Nycticejus leucogaster</i> Cretzschmar, 1826	1580	<i>Scotophilus leucogaster</i> (Cretzschmar, 1826)	72
<i>Nycticejus murino-flavus</i> Heuglin, 1861	1581	<i>Scotophilus leucogaster</i> (Cretzschmar, 1826)	72
<i>Nycticejus nidicola</i> Kirk, 1865	914	<i>Kerivoula argentata</i> Tomes, 1861	135
<i>Nycticejus planirostris</i> Peters, 1852	1582	<i>Scotophilus dinganii</i> (A. Smith, 1833)	69
<i>Nycticejus schlieffenii</i> Peters, 1859	1583	<i>Nycticeinops schlieffenii</i> (Peters, 1859)	62
<i>Nycticejus serratus</i> Heuglin, 1877	816	<i>Taphozous nudiventris</i> Cretzschmar, 1830	293
<i>Nycticejus serratus</i> Heuglin, 1877	1584	<i>Scotophilus leucogaster</i> (Cretzschmar, 1826)	72
<i>Nycticejus viridis</i> Peters, 1852	1585	<i>Scotophilus viridis</i> (Peters, 1852)	71
<i>Nyctinoma</i> Bowdich, 1821	421	<i>Tadarida Rafinesque</i> , 1814	82
<i>Nyctinomes</i> Gray, 1821	422	<i>Tadarida Rafinesque</i> , 1814	82
<i>Nyctinomia</i> Fleming, 1822	423	<i>Tadarida Rafinesque</i> , 1814	82
<i>Nyctinomus</i> E. Geoffroy Saint-Hilaire, 1818	1794	<i>Chaerephon</i> Dobson, 1874	204
<i>Nyctinomus (Chaerephon)</i> Dobson, 1874	2088	<i>Chaerephon</i> Dobson, 1874	204
<i>Nyctinomus (Dysopes) ventralis</i> Heuglin, 1861	1590	<i>Tadarida ventralis</i> (Heuglin, 1861)	141
<i>Nyctinomus (Mormopterus) jugularis</i> Peters, 1865	2441	<i>Mormopterus jugularis</i> (Peters, 1865)	314
<i>Nyctinomus (Nyctinomus) tongaënsis</i> Wettstein, 1916	2382	<i>Tadarida aegyptiaca aegyptiaca</i> (E. Geoffroy St.-Hilaire, 1818)	236
<i>Nyctinomus aegyptiacus</i> E. Geoffroy Saint-Hilaire, 1818	438	<i>Tadarida aegyptiaca aegyptiaca</i> (E. Geoffroy St.-Hilaire, 1818)	236
<i>Nyctinomus aegyptiacus</i> E. Geoffroy Saint-Hilaire, 1818	1592	<i>Tadarida aegyptiaca</i> (E. Geoffroy St.-Hilaire, 1818)	143
<i>Nyctinomus africanus</i> Dobson, 1876	1594	<i>Tadarida ventralis</i> (Heuglin, 1861)	141
<i>Nyctinomus albiventer</i> Dobson, 1877	2442	<i>Mormopterus jugularis</i> (Peters, 1865)	314
<i>Nyctinomus aloysii-sabaudiae</i> Festa, 1907	1595	<i>Chaerephon aloysiisabaudiae</i> (Festa, 1907)	322
<i>Nyctinomus anchietae</i> Seabra, 1900	2385	<i>Tadarida aegyptiaca bocagei</i> (Seabra, 1900)	237
<i>Nyctinomus angolensis</i> Peters, 1870	1597	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)	150
<i>Nyctinomus ansorgei</i> Thomas, 1913	1598	<i>Chaerephon ansorgei</i> (Thomas, 1913)	145
<i>Nyctinomus bemmeleni</i> Jentink, 1879	1599	<i>Chaerephon bemmeleni</i> (Jentink, 1879)	320
<i>Nyctinomus bivittatus</i> Heuglin, 1861	1600	<i>Chaerephon bivittatus</i> (Heuglin, 1861)	144
<i>Nyctinomus bocagei</i> Seabra, 1900	439	<i>Tadarida aegyptiaca bocagei</i> (Seabra, 1900)	237
<i>Nyctinomus brunneus</i> Seabra, 1900	2386	<i>Tadarida aegyptiaca bocagei</i> (Seabra, 1900)	237
<i>Nyctinomus cestoni</i> Dobson, 1877	2868	<i>Tadarida ventralis</i> (Heuglin, 1861)	141
<i>Nyctinomus cisturus</i> Thomas, 1903	1603	<i>Chaerephon bemmeleni</i> (Jentink, 1879)	320
<i>Nyctinomus condylurus</i> A. Smith, 1833	1604	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)	150
<i>Nyctinomus demonstrator</i> Thomas, 1903	1605	<i>Mops (Mops) demonstrator</i> (Thomas, 1903)	330
<i>Nyctinomus dubius</i> A. Smith, 1833	323	<i>Mormopterus acetabulosus natalensis</i> (A. Smith, 1847)	194
<i>Nyctinomus emini</i> de Winton, 1901	1607	<i>Chaerephon major</i> (Trouessart, 1897)	211
<i>Nyctinomus fulminans</i> Thomas, 1903	1608	<i>Tadarida fulminans</i> (Thomas, 1903)	142
<i>Nyctinomus gambianus</i> de Winton, 1901	1610	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)	148
<i>Nyctinomus hindei</i> Thomas, 1904	1611	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)	148
<i>Nyctinomus hindei</i> Thomas, 1904	380	<i>Scotoecus hindei</i> Thomas, 1901	215
<i>Nyctinomus leonis</i> Thomas, 1908	1612	<i>Mops (Xiphonycteris) brachypterus</i> (Peters, 1852)	222
<i>Nyctinomus leucogaster</i> A. Grandidier, 1869	1613	<i>Chaerephon leucogaster</i> (A. Grandidier, 1869)	467
<i>Nyctinomus lobatus</i> Thomas, 1891	446	<i>Tadarida lobata</i> (Thomas, 1891)	140
<i>Nyctinomus martiensseni</i> Matschie, 1897	2468	<i>Otomops martiensseni martiensseni</i> (Matschie, 1897)	233

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<i>Nyctinomus martiensseni</i> Matschie, 1897	1616	<i>Otomops martiensseni</i> (Matschie, 1897)	137
<i>Nyctinomus mastersoni</i> Roberts, 1946	1617	<i>Tadarida fulminans</i> (Thomas, 1903)	142
<i>Nyctinomus mauritanus</i> Horsfield, 1824	2439	<i>Mormopterus acetabulosus acetabulosus</i> (Hermann, 1804)	193
<i>Nyctinomus miarensis</i> A. Grandidier, 1869	405	<i>Mops (Mops) midas miarensis</i> (A. Grandidier, 1869)	228
<i>Nyctinomus ochraceus</i> J.A. Allen, 1917	1825	<i>Mops (Xiphonycteris) brachypterus</i> (Peters, 1852)	222
<i>Nyctinomus pumilus</i> var. <i>major</i> Trouessart, 1897	1826	<i>Chaerephon major</i> (Trouessart, 1897)	211
<i>Nyctinomus pusilus</i> Lesson, 1838	1827	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)	148
<i>Nyctinomus rhodesiae</i> Roberts, 1946	1828	<i>Chaerephon ansorgei</i> (Thomas, 1913)	145
<i>Nyctinomus spillmanni</i> Monard, 1933	2456	<i>Chaerephon nigeriae spillmanni</i> (Monard, 1933)	213
<i>Nyctinomus taeniotis</i> Thomas, 1891	1952	<i>Tadarida teniotis</i> (Rafinesque, 1814)	319
<i>Nyctinomus thersites</i> Thomas, 1903	1830	<i>Mops (Xiphonycteris) thersites</i> (Thomas, 1903)	328
<i>Nyctinomus unicolor</i> A. Grandidier, 1870	2406	<i>Mops (Mops) midas miarensis</i> (A. Grandidier, 1869)	228
<i>Nyctinomus vemmeleni</i> Trouessart, 1897	1832	<i>Chaerephon bemmelini</i> (Jentink, 1879)	320
<i>Nyctiptennis</i> Hall and Kelson, 1959	2496	<i>Eptesicus Rafinesque</i> , 1820	30
<i>Nyctiptenus</i> Fitzinger, 1870	1833	<i>Eptesicus Rafinesque</i> , 1820	30
<i>Nyctophilax</i> Fitzinger, 1870	710	<i>Kerivoula Gray</i> , 1842	78
<i>Nyctophilina</i> Gray, 1866	700	VESPERTILIONIDAE Gray, 1821	247
<i>Nyctophilinae</i> Peters, 1865	2162	<i>Vespertilioninae</i> Gray, 1821	254
<i>Nyctophylax</i> Fitzinger, 1861	711	<i>Kerivoula Gray</i> , 1842	78
<i>Nystactes</i> Kaup, 1829	479	<i>Myotis Kaup</i> , 1829	74
<i>Nycteris</i> Van Cakenberghe and De Vree, 1998	636	<i>Nycteris G. Cuvier and E. Geoffroy</i> , 1795	89
<i>occidentalis</i> Juste and Ibáñez, 1992	1834	<i>Miniopterus minor</i> Peters, 1867	389
<i>orientis</i> G.M. Allen and Loveridge, 1942	396	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)	150
<i>Otomops</i> Thomas, 1913	413	<i>Otomops</i> Thomas, 1913	79
<i>Otomops icarus</i> Chubb, 1917	417	<i>Otomops martiensseni icarus</i> Chubb, 1917	234
<i>Otomops madagascariensis</i> Dorst, 1953	418	<i>Otomops madagascariensis</i> Dorst, 1953	235
<i>Otomops martiensseni madagascariensis</i> Horáček, Hanák and Gaisler, 2000	2472	<i>Otomops madagascariensis</i> Dorst, 1953	235
<i>Otonycteris</i> Peters, 1859	2128	<i>Otonycteris</i> Peters, 1859	382
<i>Otonycteris hemprichii</i> Peters, 1859	1837	<i>Otonycteris hemprichii</i> Peters, 1859	383
<i>Pipistrellus (Pipistrellus) ruePELLII</i> Nowak, 1995	3043	<i>Pipistrellus ruePELLII</i> (Fischer, 1829)	64
<i>Pipistrellus inexpectatus</i> Hayman, Misonne and Verheyen, 1966	2597	<i>Pipistrellus inexpectatus</i> Aellen, 1959	351
<i>Pipistrellus kuhlii pallidus</i> Heim de Balsac, 1936	1838	<i>Pipistrellus kuhlii</i> (Kuhl, 1817)	63
<i>Pipistrellus somalius</i> Burland, Jones, Racey, and Wayne, 1995	3161	<i>Neoromicia somalicus</i> (Thomas, 1901)	59
<i>pachygnathus</i> Michahelles, 1839	2116	<i>Nyctalus leisleri</i> (Kuhl, 1817)	365
<i>Pachyomus</i> Gray, 1866	1839	<i>Eptesicus Rafinesque</i> , 1820	30
<i>Pachyotus</i> Gray, 1831	2159	<i>Scotophilus</i> Leach, 1821	37
<i>Pachysoma</i> Temminck, 1853	562	<i>Epomophorus</i> Bennett, 1836	83
<i>Panugo</i> Kolenati, 1856	2124	<i>Nyctalus Bowdich</i> , 1825	364
<i>Paramyotis</i> Bianchi, 1917	1084	<i>Myotis Kaup</i> , 1829	74
<i>Pareptesicus</i> Bianchi, 1917	1842	<i>Eptesicus Rafinesque</i> , 1820	30
<i>Petalia</i> Gray, 1866	637	<i>Nycteris G. Cuvier and E. Geoffroy</i> , 1795	89
<i>Petalia</i> Gray, 1838	1041	<i>Nycteris G. Cuvier and E. Geoffroy</i> , 1795	89
<i>Petalia (Nycteris) thebaica aurantiaca</i> de Beaux, 1923	874	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818	109
<i>Petalia aurita</i> K. Andersen, 1912	868	<i>Nycteris aurita</i> (K. Andersen, 1912)	415
<i>Petalia damarensis brockmani</i> K. Andersen, 1912	974	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818	109
<i>Petalia damarensis media</i> K. Andersen, 1912	821	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818	109
<i>Petalia gambiensis</i> K. Andersen, 1912	959	<i>Nycteris gambiensis</i> (K. Andersen, 1912)	398
<i>Petalia major</i> K. Andersen, 1912	755	<i>Nycteris major</i> (K. Andersen, 1912)	397
<i>Petalia nana</i> K. Andersen, 1912	769	<i>Nycteris nana</i> (K. Andersen, 1912)	396
<i>Petalia parisii</i> de Beaux, 1924	2313	<i>Nycteris parisii</i> (de Beaux, 1923)	430
<i>Petalidæ</i> Miller, 1910	3263	NYCTERIDAE Van der Hoeven, 1855	248
<i>Petelia</i> Lekagul and McNeely, 1977	2302	<i>Nycteris G. Cuvier and E. Geoffroy</i> , 1795	89
<i>Phygetis</i> K. Andersen, 1912	1019	<i>Myonycteris (Phygetis)</i> K. Andersen, 1912	419
<i>Phylletis</i> Juste and Ibáñez, 1993	598	<i>Myonycteris (Phygetis)</i> K. Andersen, 1912	419
<i>Phyllorhina</i> Leach, 1816	1095	<i>Rhinolophus Lacépède</i> , 1799	90
<i>Phyllorhina angolensis</i> Seabra, 1898	753	<i>Hipposideros caffer</i> (Sundevall, 1846)	122
<i>Phyllorhina caffra</i> Peters, 1852	696	<i>Hipposideros caffer</i> (Sundevall, 1846)	122
<i>Phyllorhina commersoni</i> var. <i>thomensis</i> Bocage, 1891	954	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)	121
<i>Phyllorhina commersonii</i> var. <i>marungensis</i> Noack, 1887	788	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)	121

Original Name	Taxasyns _id	Current Name	Taxis_id
<i>Phyllorhina rubra</i> Noack, 1893	994	<i>Hipposideros ruber</i> (Noack, 1893)	304
<i>Phyllorhina tridens murraiana</i> Andersen, 1881	3266	<i>Asellia tridens</i> (E. Geoffroy St.-Hilaire, 1813)	311
<i>Phyllorhina vittata</i> Peters, 1852	910	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)	121
<i>Phyllorhina</i> Koch, 1860	3267	<i>Hipposiderinae</i> Lydekker, 1891	514
<i>Phyllorhina</i> Koch, 1860	2283	<i>HIPPOSIDERIDAE</i> Lydekker, 1891	251
<i>Phyllorhina bicornis</i> Heuglin, 1861	815	<i>Hipposideros caffer</i> (Sundevall, 1846)	122
<i>Phyllorhina cyclops</i> Temminck, 1853	833	<i>Hipposideros cyclops</i> (Temminck, 1853)	307
<i>Phyllorhina fuliginosa</i> Temminck, 1853	836	<i>Hipposideros fuliginosus</i> (Temminck, 1853)	303
<i>Phyllorhina gracilis</i> Peters, 1852	912	<i>Hipposideros caffer</i> (Sundevall, 1846)	122
<i>Phyllorhina megalotis</i> Heuglin, 1861	813	<i>Hipposideros megalotis</i> (Heuglin, 1861)	299
<i>PHYLLOSTOMATIA</i> Van Valen, 1979	3235	<i>VESPERTILIONIFORMI</i>	245
<i>Phyllotis</i> Gray, 1866	1070	<i>Rhinolophus</i> Lacépède, 1799	90
<i>Pipistrellus</i> Watson, 1951	2816	<i>Pipistrellus</i> Kaup, 1829	33
<i>Pipistallus</i> Salleh, Hang, Rahman and Abdulla, 1999	2536	<i>Pipistrellus</i> Kaup, 1829	33
<i>Pipistrella</i> Bonaparte, 1837	2599	<i>Pipistrellus</i> Kaup, 1829	33
<i>Pipistrellis</i> Qui, Han, Qi and Yufen, 2000	2535	<i>Pipistrellus</i> Kaup, 1829	33
<i>Pipistrellus</i> Kaup, 1829	501	<i>Pipistrellus</i> Kaup, 1829	33
<i>Pipistrellus (Pipistrellus) kuhli palludus</i> Anciaux de Faveaux, 1976	3008	<i>Pipistrellus kuhlii</i> (Kuhl, 1817)	63
<i>Pipistrellus (Pipistrellus) kuhli palludus</i> Anciaux de Faveaux, 1976	2932	<i>Pipistrellus kuhlii</i> (Kuhl, 1817)	63
<i>Pipistrellus (Pipistrellus) permixtus</i> Aellen, 1957	1868	<i>Pipistrellus permixtus</i> Aellen, 1957	345
<i>Pipistrellus (Romicia) kuhlii broomi</i> Roberts, 1948	2294	<i>Pipistrellus hesperidus broomi</i> Roberts, 1948	482
<i>Pipistrellus abaensis</i> J.A. Allen, 1917	1847	<i>Pipistrellus nanus</i> (Peters, 1852)	57
<i>Pipistrellus aegyptiacus</i> Decher, 1997	2718	<i>Pipistrellus deserti</i> Thomas, 1902	410
<i>Pipistrellus aero</i> Heller, 1912	1848	<i>Pipistrellus aero</i> Heller, 1912	350
<i>Pipistrellus africanus meesteri</i> Kock, 2001	1849	<i>Pipistrellus nanus</i> (Peters, 1852)	57
<i>Pipistrellus ariel</i> Thomas, 1904	1850	<i>Hypsugo ariel</i> (Thomas, 1904)	354
<i>Pipistrellus cf kuhlii</i> Volleth, Bronner, Göpfert, Heller, von Helversen and Yong, 2001	2801	<i>Pipistrellus cf_kuhlii</i> Volleth, Bronner, Göpfert, Heller, von Helversen and Yong, 2001	494
<i>Pipistrellus crassulus</i> Thomas, 1904	1851	<i>Hypsugo crassulus</i> (Thomas, 1904)	346
<i>Pipistrellus culex</i> Thomas, 1911	1852	<i>Pipistrellus nanus</i> (Peters, 1852)	57
<i>Pipistrellus deserti</i> Thomas, 1902	1853	<i>Pipistrellus deserti</i> Thomas, 1902	410
<i>Pipistrellus eisentrauti</i> Hill, 1968	1854	<i>Hypsugo eisentrauti</i> (Hill, 1968)	358
<i>Pipistrellus eisentrauti bellieri</i> De Vree, 1972	2106	<i>Hypsugo crassulus</i> (Thomas, 1904)	346
<i>Pipistrellus fouriei</i> Thomas, 1926	1855	<i>Pipistrellus nanus</i> (Peters, 1852)	57
<i>Pipistrellus fuscipes</i> Thomas, 1913	2557	<i>Pipistrellus rueppellii fuscipes</i> Thomas, 1913	490
<i>Pipistrellus hanaki</i> Benda, Hulva and Gaisler, 2004	3216	<i>Pipistrellus hanaki</i> Hulva and Benda, 2004	501
<i>Pipistrellus helios</i> Heller, 1912	1857	<i>Neoromicia helios</i> (Heller, 1912)	357
<i>Pipistrellus inexpectatus</i> Aellen, 1959	1858	<i>Pipistrellus inexpectatus</i> Aellen, 1959	351
<i>Pipistrellus Kuhlii fuscatus</i> Thomas, 1901	2582	<i>Pipistrellus hesperidus hesperidus</i> (Temminck, 1840)	483
<i>Pipistrellus kunli</i> Chastel, Launay, Le Lay, Bailly-Choumara, Hellal, Valle, Bach-Hamba and Beaucournu, 1986	3094	<i>Pipistrellus kuhlii</i> (Kuhl, 1817)	63
<i>Pipistrellus leucomelas</i> Monard, 1933	2553	<i>Pipistrellus rueppellii vernayi</i> Roberts, 1932	284
<i>Pipistrellus madarensis</i> Ohlendorf, 1999	1861	<i>Pipistrellus maderensis</i> (Dobson, 1878)	348
<i>Pipistrellus marrensis</i> Thomas and Hinton, 1923	1862	<i>Pipistrellus rusticus</i> (Tomes, 1861)	65
<i>Pipistrellus minusculus</i> Miller, 1900	1863	<i>Pipistrellus nanus</i> (Peters, 1852)	57
<i>Pipistrellus minuta</i> Loche, 1867	1864	<i>Pipistrellus kuhlii</i> (Kuhl, 1817)	63
<i>Pipistrellus musciculus</i> Thomas, 1913	2607	<i>Hypsugo musciculus</i> (Thomas, 1913)	356
<i>Pipistrellus nanulus</i> Thomas, 1904	1866	<i>Pipistrellus nanulus</i> Thomas, 1904	347
<i>Pipistrellus nanus australis</i> Roberts, 1913	1867	<i>Pipistrellus nanus</i> (Peters, 1852)	57
<i>Pipistrellus raceyi</i> Bates, Ratrimomanarivo, Harrison and Goodman, 2006	3240	<i>Pipistrellus raceyi</i> Bates, Ratrimomanarivo, Harrison and Goodman, 2006	504
<i>Pipistrellus rueppelli senegalensis</i> Adam and Hubert, 1972	3065	<i>Pipistrellus rueppellii senegalensis</i> Dorst, 1960	488
<i>Pipistrellus rüppelli senegalensis</i> Dorst, 1960	2562	<i>Pipistrellus rueppellii senegalensis</i> Dorst, 1960	488
<i>Pipistrellus rusticus rusticus</i> Wilson, 1975	3097	<i>Pipistrellus rusticus</i> (Tomes, 1861)	65
<i>Pipistrellus savii sevi</i> Hanák, 1964	3120	<i>Hypsugo savii</i> (Bonaparte, 1837)	352
<i>Pipistrellus vernayi</i> Roberts, 1932	511	<i>Pipistrellus rueppellii vernayi</i> Roberts, 1932	284
<i>Pizonyx</i> Miller, 1906	1039	<i>Myotis</i> Kaup, 1829	74
<i>Platymops</i> Thomas, 1906	2096	<i>Platymops</i> Thomas, 1906	229
<i>Platymops</i> Roberts, 1917	1871	<i>Sauromys</i> Roberts, 1917	80
<i>Platymops (Sauromys) haagneri</i> Roberts, 1917	310	<i>Sauromys petrophilus haagneri</i> (Roberts, 1917)	189
<i>Platymops (Sauromys) petrophilus</i> Roberts, 1917	1873	<i>Sauromys petrophilus</i> (Roberts, 1917)	138

Original Name	Taxasyns _id	Current Name	Taxis_id
<i>Platymops (Sauromys) petrophilus</i> Roberts, 1917	308	<i>Sauromys petrophilus petrophilus</i> (Roberts, 1917)	190
<i>Platymops barbatogularis</i> Harrison, 1956	2466	<i>Platymops setiger macmillani</i> Thomas, 1906	232
<i>Platymops barbatogularis parkeri</i> Harrison and Fleetwood, 1960	2465	<i>Platymops setiger macmillani</i> Thomas, 1906	232
<i>Platymops haagneri umbratus</i> Shortridge and Carter, 1938	311	<i>Sauromys petrophilus umbratus</i> (Shortridge & Carter, 1938)	191
<i>Platymops Macmillani</i> Thomas, 1906	412	<i>Platymops setiger macmillani</i> Thomas, 1906	232
<i>Platymops petrophilus erongensis</i> Roberts, 1946	313	<i>Sauromys petrophilus erongensis</i> (Roberts, 1946)	192
<i>Platymops petrophilus fitzsimonsi</i> Roberts, 1946	312	<i>Sauromys petrophilus umbratus</i> (Shortridge & Carter, 1938)	191
<i>Plecautus</i> F. Cuvier, 1829	2155	<i>Plecotus</i> E. Geoffroy St.-Hilaire, 1818	386
<i>Plecotina</i> Gray, 1866	701	VESPERTILIONIDAE Gray, 1821	247
<i>Plecotus</i> E. Geoffroy Saint-Hilaire, 1818	2156	<i>Plecotus</i> E. Geoffroy St.-Hilaire, 1818	386
<i>Plecotus aegyptiacus</i> Dobson, 1878	1879	<i>Plecotus christii</i> Gray, 1838	462
<i>Plecotus aethiopicus</i> Heuglin and Fitzinger, 1866	979	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818	109
<i>Plecotus aethiopicus</i> Heuglin, 1866	1880	<i>Plecotus christii</i> Gray, 1838	462
<i>Plecotus auritus saharae</i> Laurent, 1936	1881	<i>Otonycteris hemprichii</i> Peters, 1859	383
<i>Plecotus balensis</i> Kruskop and Lavrenchenko, 2000	2493	<i>Plecotus balensis</i> Kruskop & Lavrenchenko, 2000	461
<i>Plecotus christii</i> Gray, 1838	2486	<i>Plecotus christii</i> Gray, 1838	462
<i>Plecotus teneriffae</i> Barrett-Hamilton, 1907	2490	<i>Plecotus teneriffae teneriffae</i> Barrett-Hamilton, 1907	471
<i>Plecotus teneriffae</i> Barrett-Hamilton, 1907	1887	<i>Plecotus teneriffae</i> Barrett-Hamilton, 1907	387
<i>Plecotus teneriffae gaisleri</i> Benda, Kiefer, Hanák and Vieth, 2004	2492	<i>Plecotus teneriffae gaisleri</i> Benda, Kiefer, Hanak & Veith, 2004	472
<i>Plecotus ustus</i> Fitzinger and Heuglin, 1866	1890	<i>Otonycteris hemprichii</i> Peters, 1859	383
<i>Plerotes</i> K. Andersen, 1910	280	<i>Plerotes</i> K. Andersen, 1910	165
<i>Plerotes ancheilae</i>	285	<i>Plerotes anchietae</i> (de Seabra, 1900)	166
<i>Plerotes anchietai</i>	2210	<i>Plerotes anchietae</i> (de Seabra, 1900)	166
<i>Pselaphon</i> Gray, 1870	1058	<i>Pteropus</i> Erxleben, 1777	172
<i>Pteropterus</i> Peters, 1867	488	<i>Myotis</i> Kaup, 1829	74
<i>Pterocynus</i> Haeckel, 1866	3229	PTEROPODIFORMI	243
<i>Pterocyon</i> Peters, 1861	543	<i>Eidolon Rafinesque</i> , 1815	85
<i>Pterocyon palaeceus</i> Koopman, 1975	2188	<i>Eidolon helvum helvum</i> (Kerr, 1792)	183
<i>Pterocyon palaeceus</i> Ellerman, Morrison-Scott and Hayman, 1953	2187	<i>Eidolon helvum helvum</i> (Kerr, 1792)	183
<i>Pterocyon palaeceus</i> Peters, 1861	2182	<i>Eidolon helvum helvum</i> (Kerr, 1792)	183
<i>Pteropidae</i> Gray, 1821	529	PTEROPODIDAE Bonaparte, 1838	244
<i>Pteropinae</i> K. Andersen, 1912	542	PTEROPODINAE Gray, 1821	416
PTEROPODIDAE Bonaparte, 1838	556	PTEROPODIDAE Bonaparte, 1838	244
PTEROPODIDEA	3254	PTEROPODIDEA	508
PTEROPODIFORMACEI	3255	PTEROPODIFORMACEI	505
PTEROPODIFORMES Hutcheon and Kirsch, 2004	3220	PTEROPODIFORMI	243
PTEROPODIFORMI	3242	PTEROPODIFORMI	243
<i>Pteropus</i> Erxleben, 1777	1103	<i>Pteropus</i> Erxleben, 1777	172
<i>Pteropus</i> Ogilby, 1835	563	<i>Epomophorus</i> Bennett, 1836	83
<i>Pteropus (Spectrum) voeltzkowi</i> Matschie, 1909	997	<i>Pteropus voeltzkowi</i> Matschie, 1909	182
<i>Pteropus aegyptiacus</i> E. Geoffroy Saint-Hilaire, 1818	608	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)	100
<i>Pteropus aldabrensis</i> True, 1893	2177	<i>Pteropus aldabrensis</i> True, 1893	181
<i>Pteropus amphipleuraudatus</i> Temminck, 1827	929	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)	100
<i>Pteropus collaris</i> Illiger, 1815	602	<i>Pteropus subniger</i> (Kerr, 1792)	174
<i>Pteropus collaris</i> Lichtenstein, 1823	726	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)	100
<i>Pteropus comorensis</i> Wallace, 1880	727	<i>Pteropus seychellensis</i> A. Milne-Edwards, 1877	178
<i>Pteropus dupréanus</i> Schlegel, 1867	560	<i>Eidolon dupreanum</i> (Schegel, 1867)	185
<i>Pteropus edwardsii</i> E. Geoffroy Saint-Hilaire, 1810	891	<i>Pteropus rufus</i> E. Geoffroy St.-Hilaire, 1803	175
<i>Pteropus Egyptiacus</i> E. Geoffroy Saint-Hilaire, 1810	609	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)	100
<i>Pteropus epomophorus</i> Bennett, 1836	564	<i>Epomophorus gambianus</i> (Ogilby, 1835)	95
<i>Pteropus fuscus</i> Desmarest, 1803	733	<i>Pteropus subniger</i> (Kerr, 1792)	174
<i>Pteropus fuscus</i> E. Geoffroy Saint-Hilaire, 1803	735	<i>Pteropus niger</i> (Kerr, 1792)	173
<i>Pteropus gambianus</i> Ogilby, 1835	1	<i>Epomophorus gambianus</i> (Ogilby, 1835)	95
<i>Pteropus gambianus</i> Ogilby, 1835	238	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)	186

Original Name	Taxasyns _id	Current Name	Taxis_id
<i>Pteropus geoffroyi</i> Temminck, 1825	738	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)	100
<i>Pteropus haldemani</i> Hallowell, 1846	161	<i>Epomophorus wahlbergi</i> (Sundevall, 1846)	94
<i>Pteropus hottentottus</i> Temminck, 1832	976	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)	100
<i>Pteropus labiatus</i> Temminck, 1837	92	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Pteropus Leachii</i> A. Smith, 1829	937	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)	100
<i>Pteropus livingstonei</i> Hayman and Hill, 1971	601	<i>Pteropus livingstonii</i> Gray, 1866	176
<i>Pteropus livingstonii</i> Gray, 1866	766	<i>Pteropus livingstonii</i> Gray, 1866	176
<i>Pteropus macrocephalus</i> Ogilby, 1835	2195	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)	186
<i>Pteropus madagascariensis</i> Oken, 1816	892	<i>Pteropus rufus</i> E. Geoffroy St.-Hilaire, 1803	175
<i>Pteropus masearinus</i> Mason, 1907	2176	<i>Pteropus rodricensis</i> Dobson, 1878	177
<i>Pteropus megacephalus</i> Swainson, 1835	2196	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)	186
<i>Pteropus mollipilosus</i> H. Allen, 1862	2183	<i>Eidolon helvum helvum</i> (Kerr, 1792)	183
<i>Pteropus palmarum</i> Heuglin, 1865	2184	<i>Eidolon helvum helvum</i> (Kerr, 1792)	183
<i>Pteropus phaiops</i> Temminck, 1825	893	<i>Pteropus rufus</i> E. Geoffroy St.-Hilaire, 1803	175
<i>Pteropus pteropus</i> Merriam, 1895	736	<i>Pteropus niger</i> (Kerr, 1792)	173
<i>Pteropus rodricensis</i> Dobson, 1878	2175	<i>Pteropus rodricensis</i> Dobson, 1878	177
<i>Pteropus rubricollis</i> E. Geoffroy Saint-Hilaire, 1810	734	<i>Pteropus subniger</i> (Kerr, 1792)	174
<i>Pteropus rufus</i> Tiedemann, 1808	889	<i>Pteropus niger</i> (Kerr, 1792)	173
<i>Pteropus rufus</i> E. Geoffroy Saint-Hilaire, 1803	890	<i>Pteropus rufus</i> E. Geoffroy St.-Hilaire, 1803	175
<i>Pteropus rufus princeps</i> K. Andersen, 1908	888	<i>Pteropus rufus</i> E. Geoffroy St.-Hilaire, 1803	175
<i>Pteropus schoënsis</i> Rüppell, 1842	576	<i>Epomophorus labiatus</i> (Temminck, 1837)	153
<i>Pteropus seychellensis</i> A. Milne-Edwards, 1877	964	<i>Pteropus seychellensis</i> A. Milne-Edwards, 1877	178
<i>Pteropus stramineus</i> E. Geoffroy Saint-Hilaire, 1803	2180	<i>Eidolon helvum helvum</i> (Kerr, 1792)	183
<i>Pteropus vulgaris</i> E. Geoffroy Saint-Hilaire, 1810	737	<i>Pteropus niger</i> (Kerr, 1792)	173
<i>Pteropus Wahlbergi</i> Sundevall, 1846	160	<i>Epomophorus wahlbergi</i> (Sundevall, 1846)	94
<i>Pteropus whitei</i> Bennett, 1836	2197	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)	186
<i>Pterygistes</i> Kaup, 1829	2125	<i>Nyctalus Bowdich</i> , 1825	364
<i>Pterygistes azureum</i> Thomas, 1901	1891	<i>Nyctalus azureum</i> (Thomas, 1901)	458
<i>Pterygistes madeiræ</i> Barrett-Hamilton, 1906	1892	<i>Nyctalus leislerei</i> (Kuhl, 1817)	365
PTETICA Ameghino, 1889	3226	CHIROPTERA Blumenbach, 1779	242
<i>Ptychorhina</i> Peters, 1871	1062	<i>Hipposideros</i> Gray, 1831	91
<i>R[hinopoma] cystops macinnesi</i> Hayman, 1937	871	<i>Rhinopoma macinnesi</i> Hayman, 1937	412
<i>R[hinopoma] h[ardwicki] sinaariense</i> Qumsiyeh, 1985	623	<i>Rhinopoma hardwickii</i> Gray, 1831	335
<i>Rhineptesicus</i> Horáček and Hanák, 1985	1894	<i>Eptesicus</i> Rafinesque, 1820	30
<i>Rhinilophus</i> Amr and Qumsiyeh, 1993	2224	<i>Rhinolophus</i> Lacépède, 1799	90
<i>Rhinocrepis</i> Gervais, 1836	1088	<i>Rhinolophus</i> Lacépède, 1799	90
<i>Rhinolophidae</i> Gray, 1825	1066	RHINOLOPHIDAE Gray, 1825	249
RHINOLOPHIFORMACEI	3257	RHINOLOPHIFORMACEI	259
<i>Rhinolophinae</i> Gray, 1825	2223	<i>Rhinolophinae</i> Gray, 1825	250
RHINOLOPHOIDEA	3256	RHINOLOPHOIDEA	261
<i>Rhinolophus</i> Lacépède, 1799	1087	<i>Rhinolophus</i> Lacépède, 1799	90
<i>Rhinolophus abæ</i> J.A. Allen, 1917	784	<i>Rhinolophus fumigatus</i> Rüppell, 1842	112
<i>Rhinolophus acrotis</i> Heuglin, 1861	2260	<i>Rhinolophus clivus</i> Cretzschmar, 1828	113
<i>Rhinolophus acrotis brachygnatus</i> K. Andersen, 1905	792	<i>Rhinolophus clivus</i> Cretzschmar, 1828	113
<i>Rhinolophus acrotis schwarzi</i> Heim de Balsac, 1934	743	<i>Rhinolophus clivus</i> Cretzschmar, 1828	113
<i>Rhinolophus adami</i> Aellen and Brosset, 1968	770	<i>Rhinolophus adami</i> Aellen and Brosset, 1968	433
<i>Rhinolophus æthiops</i> Peters, 1869	918	<i>Rhinolophus fumigatus</i> Rüppell, 1842	112
<i>Rhinolophus æthiops diversus</i> Sanborn, 1939	958	<i>Rhinolophus fumigatus</i> Rüppell, 1842	112
<i>Rhinolophus alcyone</i> Temminck, 1853	834	<i>Rhinolophus alcyone</i> Temminck, 1853	434
<i>Rhinolophus alcyone alticolus</i> Sanborn, 1936	759	<i>Rhinolophus simulatrix</i> K. Andersen, 1904	118
<i>Rhinolophus algirus</i> Loche, 1867	741	<i>Rhinolophus euryale</i> Blasius, 1853	446
<i>Rhinolophus Andersoni</i> Thomas, 1904	789	<i>Rhinolophus clivus</i> Cretzschmar, 1828	113
<i>Rhinolophus andreinii</i> Senna, 1905	811	<i>Rhinolophus blasii</i> Peters, 1867	116
<i>Rhinolophus angolensis</i> Seabra, 1898	748	<i>Rhinolophus landeri</i> Martin, 1838	115
<i>Rhinolophus antinorii</i> Dobson, 1885	823	<i>Rhinolophus fumigatus</i> Rüppell, 1842	112
<i>Rhinolophus augur</i> K. Andersen, 1904	928	<i>Rhinolophus clivus</i> Cretzschmar, 1828	113
<i>Rhinolophus augur zambesiensis</i> K. Andersen, 1904	898	<i>Rhinolophus clivus</i> Cretzschmar, 1828	113
<i>Rhinolophus augur zuluensis</i> K. Andersen, 1904	940	<i>Rhinolophus clivus</i> Cretzschmar, 1828	113

Original Name	Taxasyns _id	Current Name	Taxis_id
<i>Rhinolophus auritus</i> Sundevall, 1860	930	<i>Rhinolophus capensis</i> Lichtenstein, 1823	117
<i>Rhinolophus axillaris</i> Allen, 1917	785	<i>Rhinolophus landeri</i> Martin, 1838	115
<i>Rhinolophus bembanicus</i> Senna, 1914	1008	<i>Rhinolophus simulator</i> K. Andersen, 1904	118
<i>Rhinolophus blasii</i> Peters, 1867	858	<i>Rhinolophus blasii</i> Peters, 1867	116
<i>Rhinolophus blasiusi</i> Trouessart, 1910	644	<i>Rhinolophus blasii</i> Peters, 1867	116
<i>Rhinolophus brockmani</i> Thomas, 1910	975	<i>Rhinolophus blasii</i> Peters, 1867	116
<i>Rhinolophus caffer</i> Sundevall, 1846	939	<i>Hipposideros caffer</i> (Sundevall, 1846)	122
<i>Rhinolophus capensis</i> Lichtenstein, 1823	931	<i>Rhinolophus capensis</i> Lichtenstein, 1823	117
<i>Rhinolophus clivosus</i> Cretzschmar, 1828	956	<i>Rhinolophus clivosus</i> Cretzschmar, 1828	113
<i>Rhinolophus commersoni</i> E. Geoffroy Saint-Hilaire, 1813	886	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)	121
<i>Rhinolophus darlingi</i> K. Andersen, 1905	1010	<i>Rhinolophus darlingi</i> K. Andersen, 1905	114
<i>Rhinolophus darlingi barbertonensis</i> Roberts, 1924	942	<i>Rhinolophus darlingi</i> K. Andersen, 1905	114
<i>Rhinolophus darlingi damarensis</i> Roberts, 1946	919	<i>Rhinolophus darlingi</i> K. Andersen, 1905	114
<i>Rhinolophus deckenii</i> Peters, 1867	1000	<i>Rhinolophus deckenii</i> Peters, 1867	435
<i>Rhinolophus Denti</i> Thomas, 1904	938	<i>Rhinolophus denti</i> Thomas, 1904	119
<i>Rhinolophus denti knorri</i> Eisentraut, 1960	842	<i>Rhinolophus denti</i> Thomas, 1904	119
<i>Rhinolophus Dobsoni</i> Thomas, 1904	984	<i>Rhinolophus landeri</i> Martin, 1838	115
<i>Rhinolophus eggenhöffner</i> Fitzinger, 1870	674	<i>Rhinolophus hipposideros</i> (Bechstein, 1800)	439
<i>Rhinolophus empusa</i> K. Andersen, 1904	899	<i>Rhinolophus blasii</i> Peters, 1867	116
<i>Rhinolophus euryale</i> Blasius, 1853	856	<i>Rhinolophus euryale</i> Blasius, 1853	446
<i>Rhinolophus euryale tuneti</i> Deleuil and Labbé, 1955	1001	<i>Rhinolophus mehelyi</i> Matschie, 1901	442
<i>Rhinolophus foxi</i> Thomas, 1913	922	<i>Rhinolophus fumigatus</i> Rüppell, 1842	112
<i>Rhinolophus fumigatus</i> Rüppell, 1842	822	<i>Rhinolophus fumigatus</i> Rüppell, 1842	112
<i>Rhinolophus fumigatus exsul</i> K. Andersen, 1905	870	<i>Rhinolophus fumigatus</i> Rüppell, 1842	112
<i>Rhinolophus geoffroyi</i> A. Smith, 1829	943	<i>Rhinolophus clivosus</i> Cretzschmar, 1828	113
<i>Rhinolophus gigas</i> Wagner, 1845	744	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)	121
<i>Rhinolophus guineensis</i> Eisentraut, 1960	3262	<i>Rhinolophus guineensis</i> Eisentraut, 1960	513
<i>Rhinolophus Hildebrandti eloquens</i> K. Andersen, 1905	1002	<i>Rhinolophus eloquens</i> K. Andersen, 1905	436
<i>Rhinolophus hildebrandti perauritus</i> de Beaux, 1922	973	<i>Rhinolophus eloquens</i> K. Andersen, 1905	436
<i>Rhinolophus hildebrandtii</i> Peters, 1878	877	<i>Rhinolophus hildebrandtii</i> Peters, 1878	111
<i>Rhinolophus hilli</i> Aellen, 1973	950	<i>Rhinolophus ruwenzorii</i> J. Eric Hill, 1942	443
<i>Rhinolophus hillorum</i> Koopman, 1989	880	<i>Rhinolophus hillorum</i> Koopman, 1989	438
<i>Rhinolophus hipposideros vespa</i> Laurent, 1937	904	<i>Rhinolophus hipposideros</i> (Bechstein, 1800)	439
<i>Rhinolophus hipposiderus typicus</i> K. Andersen, 1905	685	<i>Rhinolophus hipposideros</i> (Bechstein, 1800)	439
<i>Rhinolophus keniensis</i> Hollister, 1916	873	<i>Rhinolophus clivosus</i> Cretzschmar, 1828	113
<i>Rhinolophus landeri</i> Martin, 1838	806	<i>Rhinolophus landeri</i> Martin, 1838	115
<i>Rhinolophus lobatus</i> Peters, 1852	913	<i>Rhinolophus landeri</i> Martin, 1838	115
<i>Rhinolophus Maclaudi</i> Pousargues, 1897	843	<i>Rhinolophus maclaudi</i> Pousargues, 1897	440
<i>Rhinolophus macrocephalus</i> Heuglin, 1877	817	<i>Rhinolophus fumigatus</i> Rüppell, 1842	112
<i>Rhinolophus maendeleo</i> Kock, Csorba and Howell, 2000	998	<i>Rhinolophus maendeleo</i> Kock, Csorba and Howell, 2000	441
<i>Rhinolophus Martini</i> Fraser, 1843	808	<i>Nycteris hispida</i> (Schreber, 1774)	105
<i>Rhinolophus mehelyi</i> Matschie, 1901	948	<i>Rhinolophus mehelyi</i> Matschie, 1901	442
<i>Rhinolophus micaceus</i> de Winton, 1897	827	<i>Hipposideros cyclops</i> (Temminck, 1853)	307
<i>Rhinolophus mimus</i> Heuglin, 1861	2258	<i>Rhinolophus hipposideros</i> (Bechstein, 1800)	439
<i>Rhinolophus ruwenzorii</i> J. Eric Hill, 1942	778	<i>Rhinolophus ruwenzorii</i> J. Eric Hill, 1942	443
<i>Rhinolophus sakejiensis</i> Cotterill, 2002	3213	<i>Rhinolophus sakejiensis</i> Cotterill, 2002	498
<i>Rhinolophus silvestris</i> Aellen, 1959	829	<i>Rhinolophus silvestris</i> Aellen, 1959	444
<i>Rhinolophus simulator</i> K. Andersen, 1904	1011	<i>Rhinolophus simulator</i> K. Andersen, 1904	118
<i>Rhinolophus swinnyi</i> Gough, 1908	932	<i>Rhinolophus swinnyi</i> Gough, 1908	120
<i>Rhinolophus swinnyi piriensis</i> Hewitt, 1913	935	<i>Rhinolophus swinnyi</i> Gough, 1908	120
<i>Rhinolophus swinnyi rhodesiae</i> Roberts, 1946	1009	<i>Rhinolophus swinnyi</i> Gough, 1908	120
<i>Rhinolophus tridens</i> E. Geoffroy Saint-Hilaire, 1813	800	<i>Asellia tridens</i> (E. Geoffroy St.-Hilaire, 1813)	311
<i>Rhinolophus ziama</i> Fahr, Vierhaus, Hutterer and Kock, 2002	844	<i>Rhinolophus ziama</i> Fahr, Vierhaus, Hutterer and Kock, 2002	445
<i>Rhinomegalophus Bourret</i> , 1951	1073	<i>Rhinolophus Lacépède</i> , 1799	90
<i>Rhinomegaphyllus Thonglongya</i> , 1973	643	<i>Rhinolophus Lacépède</i> , 1799	90
<i>Rhinonycterina</i> Gray, 1866	2284	<i>HIPPOSIDERIDAE</i> Lydekker, 1891	251
<i>Rhinonycteris</i> Gray, 1866	3268	<i>Hipposiderinae</i> Lydekker, 1891	514
<i>Rhinophylla</i> Gray, 1866	1047	<i>Hipposideros</i> Gray, 1831	91
<i>Rhinophyllotis</i> Troughton, 1941	1068	<i>Rhinolophus Lacépède</i> , 1799	90
<i>Rhinopoma</i> E. Geoffroy Saint-Hilaire, 1818	1094	<i>Rhinopoma</i> E. Geoffroy St.-Hilaire, 1818	333
<i>Rhinopoma brevicaudatum</i> Oken, 1816	790	<i>Rhinopoma hardwickii</i> Gray, 1831	335

Original Name	Taxasyns _id	Current Name	Taxis_id
<i>Rhinopoma cordofanicum</i> Heuglin, 1877	982	<i>Rhinopoma microphyllum</i> (Brünnich, 1782)	334
<i>Rhinopoma cystops</i> Thomas, 1903	799	<i>Rhinopoma hardwickii</i> Gray, 1831	335
<i>Rhinopoma hardwickei cystops</i> Möhres and Kulzer, 1956	616	<i>Rhinopoma hardwickii</i> Gray, 1831	335
<i>Rhinopoma hardwickei</i> Thomas, 1903	2253	<i>Rhinopoma hardwickii</i> Gray, 1831	335
<i>Rhinopoma hardwickei sennaariense</i> Kock, 1969	2222	<i>Rhinopoma hardwickii</i> Gray, 1831	335
<i>Rhinopoma hardwickei sennaarinense</i> Hill and Morris, 1971	621	<i>Rhinopoma hardwickii</i> Gray, 1831	335
<i>Rhinopoma Hardwickii</i> Gray, 1831	852	<i>Rhinopoma hardwickii</i> Gray, 1831	335
<i>Rhinopoma lardwickei cystops</i> Madkour, 1961	617	<i>Rhinopoma hardwickii</i> Gray, 1831	335
<i>Rhinopoma lepsianum</i> Peters, 1859	983	<i>Rhinopoma microphyllum</i> (Brünnich, 1782)	334
<i>Rhinopoma longicaudatum</i> Fitzinger, 1866	988	<i>Rhinopoma hardwickii</i> Gray, 1831	335
<i>Rhinopoma microphylla</i> Desmarest, 1820	626	<i>Rhinopoma microphyllum</i> (Brünnich, 1782)	334
<i>Rhinopoma microphyllum tropicalis</i> Kock, 1969	985	<i>Rhinopoma microphyllum</i> (Brünnich, 1782)	334
<i>Rhinopoma mircophyllum kineari</i> Bhatnagar and Parveen, 1985	2221	<i>Rhinopoma microphyllum</i> (Brünnich, 1782)	334
<i>Rhinopoma senaarensense, potius senarensense</i> Heuglin, 1877	618	<i>Rhinopoma hardwickii</i> Gray, 1831	335
<i>Rhinopoma senaariense</i> Koopman, 1975	619	<i>Rhinopoma hardwickii</i> Gray, 1831	335
<i>Rhinopoma sennaariense</i> Fitzinger, 1866	978	<i>Rhinopoma hardwickii</i> Gray, 1831	335
<i>Rhinopoma sennarensense</i> Hartmann, 1868	622	<i>Rhinopoma hardwickii</i> Gray, 1831	335
<i>Rhinopomatidae</i> Dobson, 1872	2263	RHINOPOMATIDAE Dobson, 1872	477
<i>Rhinopomidae</i> Miller, 1907	2264	RHINOPOMATIDAE Dobson, 1872	477
<i>Rhinopomus</i> Gervais, 1854	614	<i>Rhinopoma</i> E. Geoffroy St.-Hilaire, 1818	333
<i>Rhinopterus</i> Miller, 1906	2104	<i>Eptesicus Rafinesque</i> , 1820	30
<i>Rhinopterus floweri</i> G.M. Allen, 1939	2507	<i>Eptesicus floweri</i> (de Winton, 1901)	370
<i>Rhinopterus lowei</i> Thomas, 1915	1895	<i>Eptesicus floweri</i> (de Winton, 1901)	370
<i>Rhyneptesicus</i> Bianchi, 1917	1897	<i>Eptesicus Rafinesque</i> , 1820	30
<i>Rickettia</i> Bianchi, 1917	493	<i>Myotis</i> Kaup, 1829	74
<i>Romicia</i> Gray, 1838	502	<i>Pipistrellus</i> Kaup, 1829	33
<i>Romiciana</i> Gray, 1866	702	VESPERTILIONIDAE Gray, 1821	247
<i>Romicius</i> Blyth, 1840	504	<i>Pipistrellus</i> Kaup, 1829	33
<i>Rousettina</i> Koopman and J.K. Jones Jr., 1970	2173	PTEROPODINAE Gray, 1821	416
<i>Rousettinae</i> K. Andersen, 1912	2174	PTEROPODINAE Gray, 1821	416
<i>Rousettus</i> Gray, 1821	1054	<i>Rousettus</i> Gray, 1821	86
<i>Rousettus (Lissonycteris)</i> K. Andersen, 1912	528	<i>Lissonycteris</i> K. Andersen, 1912	199
<i>Rousettus (Lissonycteris) crypticola</i> Cabrera, 1920	590	<i>Lissonycteris angolensis</i> (Bocage, 1898)	101
<i>Rousettus (Rousettus) obliviosus</i> Kock, 1978	2229	<i>Rousettus obliviosus</i> Kock, 1978	474
<i>Rousettus aegyptiacus occidentalis</i> Eisentraut, 1960	760	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)	100
<i>Rousettus aegyptiacus thomensis</i> Feiler, Haft and Widmann, 1993	951	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)	100
<i>Rousettus aegyptiacus tomensis</i> Juste and Ibáñez, 1993	955	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)	100
<i>Rousettus angolensis ruwenzorii</i> Eisentraut, 1965	2212	<i>Lissonycteris angolensis ruwenzorii</i> (Eisentraut, 1965)	289
<i>Rousettus kempfi</i> Thomas, 1909	876	<i>Rousettus lanosus</i> Thomas, 1906	426
<i>Rousettus lanosus</i> Thomas, 1906	1004	<i>Rousettus lanosus</i> Thomas, 1906	426
<i>Rousettus madagascariensis</i> G. Grandidier, 1929	2228	<i>Rousettus madagascariensis</i> G. Grandidier, 1929	473
<i>Rousettus sjöstedti</i> Lönnberg, 1908	996	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)	100
<i>Rousettus smithii</i> Thomas, 1908	594	<i>Lissonycteris smithii</i> (Thomas, 1908)	288
<i>Rousettus aegyptiacus princeps</i> Juste and Ibáñez, 1993	952	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)	100
<i>ruber</i> E. Geoffroy Saint-Hilaire, 1803	603	<i>Pteropus subniger</i> (Kerr, 1792)	174
<i>rupepellii</i> Qumsiyeh, 1985	2375	<i>Tadarida teniotis</i> (Rafinesque, 1814)	319
<i>Saccolaimus</i> Temminck, 1838	1079	<i>Saccolaimus</i> Temminck, 1838	294
<i>Sauromys</i> Roberts, 1917	307	<i>Sauromys</i> Roberts, 1917	80
<i>Scabiifer</i> Peterson, Eger and Mitchell, 1995	2645	<i>Neoromicia</i> Roberts, 1926	35
<i>Scabriber notius</i> G.M. Allen, 1908	1902	<i>Neoromicia capensis</i> (A. Smith, 1829)	53
<i>Scabriber</i> G.M. Allen, 1908	2644	<i>Neoromicia</i> Roberts, 1926	35
<i>Scotæcus</i> Thomas, 1917	2717	<i>Scotoecus</i> Thomas, 1901	36
<i>Scoteinus schleiffeni</i> Cabrera and Ruxton, 1926	1905	<i>Nycticeinops schleiffenii</i> (Peters, 1859)	62
<i>Scoteinus schleiffeni albiventer</i> Thomas and Wroughton, 1908	1906	<i>Nycticeinops schleiffenii</i> (Peters, 1859)	62
<i>Scoteinus schleiffeni australis</i> Thomas and Wroughton, 1908	1907	<i>Nycticeinops schleiffenii</i> (Peters, 1859)	62
<i>Scoteinus schleiffenii fitzsimonsi</i> Roberts, 1932	1908	<i>Nycticeinops schleiffenii</i> (Peters, 1859)	62

Original Name	Taxasyns _id	Current Name	Taxis_id
<i>Scotoecus</i> Thomas, 1901	1909	<i>Scotoecus</i> Thomas, 1901	36
<i>Scotoecus albigula</i> Thomas, 1909	1910	<i>Scotoecus albigula</i> Thomas, 1909	269
<i>Scotoecus artinii</i> de Beaux, 1923	1911	<i>Scotoecus hirundo</i> (de Winton, 1899)	67
<i>Scotoecus cinnamomeus</i> Wettstein, 1916	1912	<i>Nycticeinops schlieffenii</i> (Peters, 1859)	62
<i>Scotoecus falabæ</i> Thomas, 1915	1913	<i>Scotoecus hindei</i> Thomas, 1901	215
<i>Scotoecus hindei</i> Thomas, 1901	1914	<i>Scotoecus hindei</i> Thomas, 1901	215
<i>Scotoecus woodi</i> Thomas, 1917	1915	<i>Scotoecus albofuscus</i> (Thomas, 1890)	66
<i>Scotonycteris</i> Matschie, 1894	1075	<i>Scotonycteris</i> Matschie, 1894	167
<i>Scotonycteris bedfordi</i> Thomas, 1904	807	<i>Scotonycteris zenkeri</i> Matschie, 1894	168
<i>Scotonycteris ophiodon</i> Pohle, 1943	758	<i>Scotonycteris ophiodon</i> Pohle, 1943	169
<i>Scotonycteris ophiodon cansdalei</i> Hayman, 1946	835	<i>Scotonycteris ophiodon</i> Pohle, 1943	169
<i>Scotonycteris zenkeri</i> Matschie, 1894	765	<i>Scotonycteris zenkeri</i> Matschie, 1894	168
<i>Scotonycteris zenkeri occidentalis</i> Hayman, 1947	838	<i>Scotonycteris zenkeri</i> Matschie, 1894	168
<i>Scotophilus</i> Leach, 1821	2158	<i>Scotophilus</i> Leach, 1821	37
<i>Scotophilus albofuscus</i> Thomas, 1890	1916	<i>Scotoecus albofuscus</i> (Thomas, 1890)	66
<i>Scotophilus altilis</i> G.M. Allen, 1914	1918	<i>Scotophilus leucogaster</i> (Cretzschmar, 1826)	72
<i>Scotophilus alvenslebeni</i> Dalquest, 1965	1919	<i>Scotophilus nigrita</i> (Schreber, 1774)	70
<i>Scotophilus angusticeps</i> Shortridge and Carter, 1938	1920	<i>Eptesicus hottentotus</i> (A. Smith, 1833)	39
<i>Scotophilus damarensis</i> Thomas, 1906	1921	<i>Scotophilus leucogaster</i> (Cretzschmar, 1826)	72
<i>Scotophilus darwini</i> Tomes, 1859	1922	<i>Hypsugo savii</i> (Bonaparte, 1837)	352
<i>Scotophilus darwini</i> Doria, 1887	2815	<i>Hypsugo savii</i> (Bonaparte, 1837)	352
<i>Scotophilus gigas</i> Dobson, 1875	1923	<i>Scotophilus nigrita</i> (Schreber, 1774)	70
<i>Scotophilus hirundo</i> de Winton, 1899	1924	<i>Scotoecus hirundo</i> (de Winton, 1899)	67
<i>Scotophilus marovaza</i> Goodman, Ratrimomanarivo and Randrianandrianina, 2006	3217	<i>Scotophilus marovaza</i> Goodman, Ratrimomanarivo and Randrianandrianina, 2006	502
<i>Scotophilus minimus</i> Noack, 1887	1925	<i>Nycticeinops schlieffenii</i> (Peters, 1859)	62
<i>Scotophilus nigrita colias</i> Thomas, 1904	1927	<i>Scotophilus dinganii</i> (A. Smith, 1833)	69
<i>Scotophilus nigrita coreas</i> Eisentraut, 1958	1928	<i>Scotophilus dinganii</i> (A. Smith, 1833)	69
<i>Scotophilus nigrita herero</i> Thomas, 1906	1929	<i>Scotophilus dinganii</i> (A. Smith, 1833)	69
<i>Scotophilus nigrita nux</i> Thomas, 1904	1930	<i>Scotophilus nux</i> Thomas, 1904	379
<i>Scotophilus nigrita pondoensis</i> Roberts, 1946	1931	<i>Scotophilus dinganii</i> (A. Smith, 1833)	69
<i>Scotophilus nigritellus</i> de Winton, 1899	1932	<i>Scotophilus viridis</i> (Peters, 1852)	71
<i>Scotophilus nucella</i> Robbins, 1984	1933	<i>Scotophilus nucella</i> Robbins, 1984	380
<i>Scotophilus robustus</i> A. Milne-Edwards, 1881	1934	<i>Scotophilus robustus</i> A. Milne-Edwards, 1881	381
<i>Scotophilus rusticus</i> Tomes, 1861	1935	<i>Pipistrellus rusticus</i> (Tomes, 1861)	65
<i>Scotophilus schliefferi</i> Schwann, 1905	1937	<i>Nycticeinops schlieffenii</i> (Peters, 1859)	62
<i>Scotophilus tandrefana</i> Goodman, Jenkins and Ratrimomanarivo, 2005	3214	<i>Scotophilus tandrefana</i> Goodman, Jenkins and Ratrimomanarivo, 2005	499
<i>Scotophilus variegatus</i> Tomes, 1861	1938	<i>Glauconycteris variegata</i> (Tomes, 1861)	134
<i>Scotophilus welwetschii</i> Roberts, 1951	2698	<i>Myotis welwitschii</i> (Gray, 1866)	129
<i>Scotophilus welwitschii</i> Gray, 1866	1939	<i>Myotis welwitschii</i> (Gray, 1866)	129
<i>Scotozous trüppellii</i> Monard, 1935	3077	<i>Pipistrellus rueppellii</i> (Fischer, 1829)	64
<i>Selisia</i> Pavlinov, Borissenko, Kruskop and Jahonton, 1995	719	<i>Myotis</i> Kaup, 1829	74
<i>Selysius</i> Bonaparte, 1841	481	<i>Myotis</i> Kaup, 1829	74
<i>Senonycteris</i> Gray, 1870	1060	<i>Rousettus</i> Gray, 1821	86
<i>Sericonycteris</i> Matschie, 1899	1059	<i>Pteropus</i> Erxleben, 1777	172
<i>sicula</i> Mina-Palumbo, 1868	2531	<i>Nyctalus lasiopterus</i> (Schreber, 1780)	367
<i>Sideroderma</i> Peters, 1871	1046	<i>Hipposideros</i> Gray, 1831	91
<i>Spectrum</i> Lacépède, 1799	1104	<i>Pteropus</i> Erxleben, 1777	172
<i>Spectrum rubidum</i> Daudin, 1802	604	<i>Pteropus subniger</i> (Kerr, 1792)	174
<i>Speorifera</i> Gray, 1866	1072	<i>Hipposideros</i> Gray, 1831	91
<i>Sphyrocephalus</i> A. Murray, 1862	583	<i>Hypsignathus</i> H. Allen, 1862	161
<i>Sphyrocephalus labrosus</i> A. Murray, 1862	586	<i>Hypsignathus monstrosus</i> H. Allen, 1862	162
<i>spillmani</i> Koopman, 1993	2454	<i>Chaerephon nigeriae spillmani</i> (Monard, 1933)	213
<i>Stenonycteris</i> Gray, 1871	607	<i>Rousettus</i> Gray, 1821	86
<i>subtilis</i> Koopman, 1993	2583	<i>Pipistrellus hesperidus subtilis</i> (Sundevall, 1846)	481
<i>Sybdesmotus</i> Peters, 1871	692	<i>Hipposideros</i> Gray, 1831	91
<i>Syndesmotus</i> Peters, 1871	1043	<i>Hipposideros</i> Gray, 1831	91
<i>Syndesmotus</i> Waterhouse, 1902	693	<i>Hipposideros</i> Gray, 1831	91
<i>Synotis</i> Keyserling and Blasius, 1839	1944	<i>Barbastella</i> Gray, 1821	384
<i>Tadarida</i> Rafinesque, 1814	2098	<i>Tadarida</i> Rafinesque, 1814	82
<i>Tadarida (Chaerephon) cyclotis</i> Brosset, 1966	1945	<i>Chaerephon aloysiisabaudiae</i> (Festa, 1907)	322
<i>Tadarida (Chaerephon) faini</i> Hayman, 1951	1946	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)	148
<i>Tadarida (Chaerephon) gallagheri</i> Harrison, 1975	1194	<i>Chaerephon gallagheri</i> (Harrison, 1975)	323
<i>Tadarida (Chaerephon) tomensis</i> Juste and Ibáñez, 1993	1947	<i>Chaerephon tomensis</i> (Juste and Ibáñez, 1993)	468

Original Name	Taxasyns _id	Current Name	Taxis_id
<i>Tadarida (Xiphonycteris) petersoni</i> El Rayah, 1981	1948	<i>Mops (Xiphonycteris) petersoni</i> (El Rayah, 1981)	326
<i>Tadaridinae</i> Pavlinov, Borissenko, Kruskop and Jahonton, 1995	2372	<i>Molossinae</i> Gervais, 1856	267
<i>Tadarinae</i> Legendre, 1984	2371	<i>Molossinae</i> Gervais, 1856	267
<i>Taphonycteris</i> Dobson, 1876	1080	<i>Saccolaimus</i> Temminck, 1838	294
<i>Taphozoinae</i> Jerdon, 1877	630	<i>EMBALLONURIDAE</i> Gervais, 1855	252
<i>Taphozous</i> E. Geoffroy Saint-Hilaire, 1818	287	<i>Taphozous</i> E. Geoffroy St.-Hilaire, 1818	87
<i>Taphozous dobsoni</i> Jentink, 1879	293	<i>Taphozous mauritianus</i> E. Geoffroy St.-Hilaire, 1818	102
<i>Taphozous hamiltoni</i> Thomas, 1920	981	<i>Taphozous hamiltoni</i> Thomas, 1920	292
<i>Taphozous hildegardae</i> Thomas, 1909	866	<i>Taphozous hildegardae</i> Thomas, 1909	291
<i>Taphozous leucopterus</i> Temminck, 1835	292	<i>Taphozous mauritianus</i> E. Geoffroy St.-Hilaire, 1818	102
<i>Taphozous maritimus</i> var. <i>cinerascens</i> Seabra, 1900	294	<i>Taphozous mauritianus</i> E. Geoffroy St.-Hilaire, 1818	102
<i>Taphozous maritimus</i> Heuglin, 1877	990	<i>Taphozous perforatus</i> E. Geoffroy St.-Hilaire, 1818	103
<i>Taphozous mauritianus</i> E. Geoffroy Saint-Hilaire, 1818	291	<i>Taphozous mauritianus</i> E. Geoffroy St.-Hilaire, 1818	102
<i>Taphozous nudiventris</i> Cretzschmar, 1830	794	<i>Taphozous nudiventris</i> Cretzschmar, 1830	293
<i>Taphozous peli</i> Temminck, 1853	832	<i>Saccolaimus peli</i> (Temminck, 1853)	295
<i>Taphozous perforatus</i> E. Geoffroy Saint-Hilaire, 1818	797	<i>Taphozous perforatus</i> E. Geoffroy St.-Hilaire, 1818	103
<i>Taphozous perforatus</i> E. Geoffroy Saint-Hilaire, 1818	295	<i>Taphozous perforatus perforatus</i> E. Geoffroy St.-Hilaire, 1818	187
<i>Taphozous perforatus haedinus</i> Thomas, 1915	875	<i>Taphozous perforatus</i> E. Geoffroy St.-Hilaire, 1818	103
<i>Taphozous perforatus swirae</i> Harrison, 1958	297	<i>Taphozous perforatus perforatus</i> E. Geoffroy St.-Hilaire, 1818	187
<i>Taphozous perforatus</i> var. <i>assabensis</i> Monticelli, 1885	812	<i>Taphozous nudiventris</i> Cretzschmar, 1830	293
<i>Taphozous senegalensis</i> Desmarest, 1820	296	<i>Taphozous perforatus perforatus</i> E. Geoffroy St.-Hilaire, 1818	187
<i>Taphozous sudani</i> Thomas, 1915	298	<i>Taphozous perforatus sudani</i> Thomas, 1915	188
<i>Taphozous sudani australis</i> Harrison, 1962	299	<i>Taphozous perforatus sudani</i> Thomas, 1915	188
<i>Taphozous sudani rhodesiae</i> Harrison, 1964	300	<i>Taphozous perforatus sudani</i> Thomas, 1915	188
<i>Thyreorhina</i> Peters, 1871	1044	<i>Hipposideros</i> Gray, 1831	91
<i>torquatus</i> G. Fischer, 1814	605	<i>Pteropus subniger</i> (Kerr, 1792)	174
<i>Tralatitius</i> Gray, 1866	487	<i>Myotis</i> Kaup, 1829	74
<i>Tralatitius</i> Gervais, 1849	484	<i>Myotis</i> Kaup, 1829	74
<i>Triænops</i> Dobson, 1871	1081	<i>Triænops</i> Dobson, 1871	93
<i>Triænops afer</i> Peters, 1877	872	<i>Triænops persicus</i> Dobson, 1871	124
<i>Triænops aurita</i> G. Grandidier, 1912	885	<i>Triænops auritus</i> G. Grandidier, 1912	447
<i>Triænops furcula</i> Trouessart, 1906	896	<i>Triænops furculus</i> Trouessart, 1906	313
<i>Triænops Humbloti</i> A. Milne-Edwards, 1881	883	<i>Triænops rufus</i> Milne-Edwards, 1881	448
<i>Triænops persicus</i> Dobson, 1871	853	<i>Triænops persicus</i> Dobson, 1871	124
<i>Triænops persicus majusculus</i> Aellen and Brosset, 1968	768	<i>Triænops persicus</i> Dobson, 1871	124
<i>Triænops rufus</i> A. Milne-Edwards, 1881	884	<i>Triænops rufus</i> Milne-Edwards, 1881	448
<i>Trienops</i> Paniutina, 2002	2296	<i>Triænops</i> Dobson, 1871	93
<i>Trilatitius</i> Gray, 1842	483	<i>Myotis</i> Kaup, 1829	74
<i>Trygenycteris</i> Lydekker, 1891	1037	<i>Megaloglossus</i> Pagenstecher, 1885	399
<i>Tuitatus</i> Kishida and Mori, 1931	1955	<i>Eptesicus</i> Rafinesque, 1820	30
<i>tunetae</i> Koopman, 1993	2276	<i>Rhinolophus mehelyi</i> Matschie, 1901	442
<i>tunetai</i> Pavlinov, Borissenko, Kruskop and Jahonton, 1995	2277	<i>Rhinolophus mehelyi</i> Matschie, 1901	442
<i>V[esperugo (Vesperugo)] Kuhlii</i> Blasius, 1853	2913	<i>Pipistrellus kuhlii</i> (Kuhl, 1817)	63
<i>Vansonia</i> Roberts, 1946	2149	<i>Pipistrellus</i> Kaup, 1829	33
<i>Vespertilia</i> Rafinesque, 1815	1093	<i>VESPERTILIONIDAE</i> Gray, 1821	247
<i>VESPERTILIFORMES</i> Zagorodniuk, 1997	3244	<i>VESPERTILIONIFORMI</i>	245
<i>VESPERTILIFORMES</i> Zagorodniuk, Godovanets, Pokynchereda and Kyseliuk, 1995	3243	<i>VESPERTILIONIFORMI</i>	245
<i>Vespertilio Bocagii</i> Peters, 1870	1967	<i>Myotis bocagii</i> (Peters, 1870)	133
<i>Vespertilio acetabulosus</i> Hermann, 1804	322	<i>Mormopterus acetabulosus acetabulosus</i> (Hermann, 1804)	193
<i>Vespertilio acetabulosus</i> Hermann, 1804	1958	<i>Mormopterus acetabulosus</i> (Hermann, 1804)	139
<i>Vespertilio auritus ß aegyptius</i> J.B. Fischer, 1829	1962	<i>Plecotus christii</i> Gray, 1838	462
<i>Vespertilio barbastellus</i> Schreber, 1774	1964	<i>Barbastella barbastellus</i> (Schreber, 1774)	385
<i>Vespertilio barbastellus</i> Qumsiyeh, 1985	2525	<i>Barbastella barbastellus</i> (Schreber, 1774)	385
<i>Vespertilio blythii</i> Tomes, 1857	1966	<i>Myotis blythii</i> (Tomes, 1857)	337
<i>Vespertilio Bocagii</i> Peters, 1870	498	<i>Myotis bocagii bocagii</i> (Peters, 1870)	279

Original Name	Taxasyns _id	Current Name	Taxis_id
<i>Vespertilio borbonicus</i> E. Geoffroy Saint-Hilaire, 1803	1969	<i>Scotophilus borbonicus</i> (E. Geoffroy St.-Hilaire, 1803)	68
<i>Vespertilio brevicauda</i> Stresemann, 1954	803	<i>Rhinopoma hardwickii</i> Gray, 1831	335
<i>Vespertilio caninus</i> var. <i>b</i> Goldfuss, 1809	2181	<i>Eidolon helvum helvum</i> (Kerr, 1792)	183
<i>Vespertilio Capaccinii</i> Bonaparte, 1837	1970	<i>Myotis capaccinii</i> (Bonaparte, 1837)	343
<i>Vespertilio capensis</i> A. Smith, 1829	1972	<i>Neoromicia capensis</i> (A. Smith, 1829)	53
<i>Vespertilio capensis gracilior</i> Thomas and Schwann, 1905	1974	<i>Neoromicia capensis</i> (A. Smith, 1829)	53
<i>Vespertilio dasykarpos</i> Kuhl, 1819	1976	<i>Nyctalus leisleri</i> (Kuhl, 1817)	365
<i>Vespertilio dasythrix</i> Temminck, 1840	463	<i>Miniopterus natalensis</i> (A. Smith, 1833)	128
<i>Vespertilio dinganii</i> A. Smith, 1833	1978	<i>Scotophilus dinganii</i> (A. Smith, 1833)	69
<i>Vespertilio emarginatus</i> E. Geoffroy Saint-Hilaire, 1806	1979	<i>Myotis emarginatus</i> (E. Geoffroy St.-Hilaire, 1806)	339
<i>Vespertilio epichrysurus</i> Roberts, 1951	2518	<i>Scotophilus dinganii</i> (A. Smith, 1833)	69
<i>Vespertilio epichrysurus</i> Temminck, 1832	1980	<i>Scotophilus dinganii</i> (A. Smith, 1833)	69
<i>Vespertilio ferox</i> Stresemann, 1954	802	<i>Rhinopoma hardwickii</i> Gray, 1831	335
<i>Vespertilio ferrugineus</i> Brehm, 1827	1981	<i>Nyctalus lasiopterus</i> (Schreber, 1780)	367
<i>Vespertilio ferrum-equinum</i> Schreber, 1774	824	<i>Rhinolophus ferrumequinum</i> (Schreber, 1774)	437
<i>Vespertilio goudoti</i> A. Smith, 1834	1982	<i>Myotis goudoti</i> (A. Smith, 1834)	341
<i>Vespertilio hesperida</i> Temminck, 1840	2579	<i>Pipistrellus hesperidus hesperidus</i> (Temminck, 1840)	483
<i>Vespertilio hesperida</i> Temminck, 1840	1984	<i>Pipistrellus hesperidus</i> (Temminck, 1840)	459
<i>Vespertilio hipposideros</i> Bechstein, 1800	825	<i>Rhinolophus hipposideros</i> (Bechstein, 1800)	439
<i>Vespertilio hispidus</i> Schreber, 1774	961	<i>Nycteris hispida</i> (Schreber, 1774)	105
<i>Vespertilio hottentota</i> A. Smith, 1833	1985	<i>Eptesicus hottentotus</i> (A. Smith, 1833)	39
<i>Vespertilio isabellinus</i> Temminck, 1840	1989	<i>Eptesicus serotinus</i> (Schreber, 1774)	369
<i>Vespertilio Kuhlii</i> Kuhl, 1817	1990	<i>Pipistrellus kuhlii</i> (Kuhl, 1817)	63
<i>Vespertilio lanosus</i> A. Smith, 1847	933	<i>Kerivoula lanosa</i> (A. Smith, 1847)	136
<i>Vespertilio lasiopterus</i> Schreber, 1780	1994	<i>Nyctalus lasiopterus</i> (Schreber, 1780)	367
<i>Vespertilio Leisleri</i> Kuhl, 1817	1996	<i>Nyctalus leisleri</i> (Kuhl, 1817)	365
<i>Vespertilio macuanus</i> Peters, 1852	1998	<i>Nyctalus noctula</i> (Schreber, 1774)	366
<i>Vespertilio madagascariensis</i> Tomes, 1858	1999	<i>Myotis goudoti</i> (A. Smith, 1834)	341
<i>Vespertilio marginatus</i> Cretzschmar, 1830	2002	<i>Pipistrellus kuhlii</i> (Kuhl, 1817)	63
<i>Vespertilio matroka</i> Thomas and Schwann, 1905	2003	<i>Neoromicia matroka</i> (Thomas and Schwann, 1905)	411
<i>Vespertilio mauritanus</i> Hermann, 1804	731	<i>Pteropus niger</i> (Kerr, 1792)	173
<i>Vespertilio megalotis</i> Bechstein, 1800	730	<i>Lavia frons</i> (E. Geoffroy St.-Hilaire, 1810)	405
<i>Vespertilio megalurus</i> Temminck, 1840	2004	<i>Eptesicus hottentotus</i> (A. Smith, 1833)	39
<i>Vespertilio Microphyllus</i> Brünnich, 1782	796	<i>Rhinopoma microphyllum</i> (Brünnich, 1782)	334
<i>Vespertilio minuta</i> Temminck, 1840	2006	<i>Neoromicia capensis</i> (A. Smith, 1829)	53
<i>Vespertilio minutus</i> A. Smith, 1849	2008	<i>Eptesicus hottentotus</i> (A. Smith, 1833)	39
<i>Vespertilio minutus somalicus</i> Thomas, 1901	2009	<i>Neoromicia somalicus</i> (Thomas, 1901)	59
<i>Vespertilio murinus africanus</i> Dobson, 1875	2011	<i>Myotis blythii</i> (Tomes, 1857)	337
<i>Vespertilio myosotis</i> Borkhausen, 1797	2012	<i>Myotis myotis</i> (Borkhausen, 1797)	451
<i>Vespertilio myotis</i> Borkhausen, 1797	2013	<i>Myotis myotis</i> (Borkhausen, 1797)	451
<i>Vespertilio nanus</i> Peters, 1852	2015	<i>Pipistrellus nanus</i> (Peters, 1852)	57
<i>Vespertilio natalensis</i> A. Smith, 1833	462	<i>Miniopterus natalensis</i> (A. Smith, 1833)	128
<i>Vespertilio nattereri</i> Kuhl, 1817	2690	<i>Myotis nattereri</i> (Kuhl, 1817)	338
<i>Vespertilio Nigrita</i> Schreber, 1774	2018	<i>Scotophilus nigrita</i> (Schreber, 1774)	70
<i>Vespertilio noctula</i> Schreber, 1774	2020	<i>Nyctalus noctula</i> (Schreber, 1774)	366
<i>Vespertilio pipistrellus</i> Schreber, 1774	2026	<i>Pipistrellus pipistrellus</i> (Schreber, 1774)	344
<i>Vespertilio pipistrellus</i> var. <i>β aegyptius</i> J.B. Fischer, 1829	2030	<i>Pipistrellus deserti</i> Thomas, 1902	410
<i>Vespertilio Pipistrellus varietas africana</i> Rüppell, 1842	2028	<i>Pipistrellus nanus</i> (Peters, 1852)	57
<i>Vespertilio platycephalus</i> Temminck, 1832	2031	<i>Pipistrellus hesperidus</i> (Temminck, 1840)	459
<i>Vespertilio platyops</i> Thomas, 1901	2032	<i>Eptesicus platyops</i> (Thomas, 1901)	428
<i>Vespertilio pusillus</i> Leconte, 1857	3020	<i>Neoromicia "incertae-sedis"</i>	496
<i>Vespertilio rüppellii</i> J.B. Fischer, 1829	2037	<i>Pipistrellus rueppellii</i> (Fischer, 1829)	64
<i>Vespertilio rüppellii</i> J.B. Fischer, 1829	513	<i>Pipistrellus rueppellii rueppellii</i> (Fischer, 1829)	283
<i>Vespertilio Savii</i> Bonaparte, 1837	2038	<i>Hypsugo savii</i> (Bonaparte, 1837)	352
<i>Vespertilio schreibersii</i> Kuhl, 1817	2040	<i>Miniopterus schreibersii</i> (Kuhl, 1817)	127
<i>Vespertilio scotinus</i> Sundevall, 1846	2041	<i>Miniopterus natalensis</i> (A. Smith, 1833)	128
<i>Vespertilio Screibersii</i> Lesson, 1827	2042	<i>Miniopterus schreibersii</i> (Kuhl, 1817)	127
<i>Vespertilio serotinus</i> E. Geoffroy Saint-Hilaire, 1806	2045	<i>Nyctalus noctula</i> (Schreber, 1774)	366
<i>Vespertilio serotinus</i> Schreber, 1774	2044	<i>Eptesicus serotinus</i> (Schreber, 1774)	369
<i>Vespertilio smithii</i> Wagner, 1855	2046	<i>Eptesicus hottentotus</i> (A. Smith, 1833)	39
<i>Vespertilio subtilis</i> Sundevall, 1846	3170	<i>Pipistrellus hesperidus subtilis</i> (Sundevall, 1846)	481
<i>Vespertilio sylvicola</i> A. Grandidier, 1870	2049	<i>Myotis goudoti</i> (A. Smith, 1834)	341
<i>Vespertilio temminckii</i> Cretzschmar, 1827	512	<i>Pipistrellus rueppellii rueppellii</i> (Fischer, 1829)	283
<i>Vespertilio temminckii</i> Cretzschmar, 1826	2050	<i>Pipistrellus rueppellii</i> (Fischer, 1829)	64
<i>Vespertilio tenuipennis</i> Miller, 1900	3183	<i>Neoromicia tenuipinnis</i> (Peters, 1872)	363

Original Name	Taxasyns _id	Current Name	Taxis_id
<i>Vespertilio tricolor</i> Temminck, 1832	334	<i>Myotis tricolor</i> (Temminck, 1832)	132
<i>Vespertilio vampirus niger</i> Kerr, 1792	900	<i>Pteropus niger</i> (Kerr, 1792)	173
<i>Vespertilio vampyrus helvum</i> Kerr, 1792	561	<i>Eidolon helvum</i> (Kerr, 1792)	99
<i>Vespertilio vampyrus helvum</i> Kerr, 1792	2179	<i>Eidolon helvum helvum</i> (Kerr, 1792)	183
<i>Vespertilio vampyrus subniger</i> Kerr, 1792	901	<i>Pteropus subniger</i> (Kerr, 1792)	174
<i>Vespertilio venustus</i> Matschie, 1899	497	<i>Myotis welwitschii</i> (Gray, 1866)	129
VESPERTILIONIA Van Valen, 1979	3236	VESPERTILIONIFORMI	245
Vespertilionidae Gray, 1821	1092	VESPERTILIONIDAE Gray, 1821	247
VESPERTILIONIFORMACEI	3250	VESPERTILIONIFORMACEI	262
VESPERTILIONIFORMES Hutcheon and Kirsch, 2004	3248	VESPERTILIONIFORMI	245
VESPERTILIONIFORMES Zagorodnyuk, 1998	3245	VESPERTILIONIFORMI	245
VESPERTILIONIFORMI	3222	VESPERTILIONIFORMI	245
<i>Vespertilioninae</i> Gray, 1821	2160	<i>Vespertilioninae</i> Gray, 1821	254
<i>Vespertionoidea</i> Gray, 1821	2392	VESPERTILIONOIDEA Gray, 1821	268
<i>Vesperugo</i> Keyserling and Blasius, 1839	2122	<i>Nyctalus Bowdich</i> , 1825	364
<i>Vesperugo</i> Keyserling and Blasius, 1839	2537	<i>Eptesicus Rafinesque</i> , 1820	30
<i>Vesperugo</i> Keyserling and Blasius, 1839	503	<i>Pipistrellus</i> Kaup, 1829	33
<i>Vesperugo (Vesperus) brunneus</i> Thomas, 1880	2055	<i>Neoromicia brunneus</i> (Thomas, 1880)	360
<i>Vesperugo (Vesperus) flavescens</i> de Seabra, 1900	2056	<i>Neoromicia flavescens</i> (de Seabra, 1900)	362
<i>Vesperugo (Vesperus) grandidieri</i> Dobson, 1876	2057	<i>Neoromicia capensis</i> (A. Smith, 1829)	53
<i>Vesperugo (Vesperus) innesi</i> Lataste, 1887	2058	<i>Eptesicus bottae</i> (Peters, 1869)	368
<i>Vesperugo (Vesperus) moloneyi</i> Thomas, 1891	2059	<i>Mimetillus moloneyi</i> (Thomas, 1891)	207
<i>Vesperugo (Vesperus) Rendalli</i> Thomas, 1889	2060	<i>Neoromicia rendalli</i> (Thomas, 1889)	58
<i>Vesperugo (Vesperus) serotinus isabellinus</i> Dobson, 1880	3134	<i>Eptesicus serotinus</i> (Schreber, 1774)	369
<i>Vesperugo (Vesperus) serotinus var. gabonensis</i> Trouessart, 1897	2073	<i>Eptesicus serotinus</i> (Schreber, 1774)	369
<i>Vesperugo anchieta</i> de Seabra, 1900	2062	<i>Hypsugo anchietae</i> (de Seabra, 1900)	43
<i>Vesperugo capensis</i> ? Nehring, 1886	2777	<i>Neoromicia capensis</i> (A. Smith, 1829)	53
<i>Vesperugo hypoleucus</i> Heuglin and Fitzinger, 1866	514	<i>Pipistrellus rueppellii rueppellii</i> (Fischer, 1829)	283
<i>Vesperugo maderensis</i> Dobson, 1878	2066	<i>Pipistrellus maderensis</i> (Dobson, 1878)	348
<i>Vesperugo pagenstecheri</i> Noack, 1889	2068	<i>Pipistrellus nanus</i> (Peters, 1852)	57
<i>Vesperugo pulcher</i> Dobson, 1875	2556	<i>Pipistrellus rueppellii pulcher</i> (Dobson, 1875)	489
<i>Vesperugo pusillulus</i> Peters, 1870	2070	<i>Pipistrellus nanus</i> (Peters, 1852)	57
<i>Vesperugo senarensis</i> Heuglin, 1877	517	<i>Pipistrellus rueppellii rueppellii</i> (Fischer, 1829)	283
<i>Vesperugo sennaariensis</i> Heuglin and Fitzinger, 1866	515	<i>Pipistrellus rueppellii rueppellii</i> (Fischer, 1829)	283
<i>Vesperugo stampflii</i> Jentink, 1888	2074	<i>Pipistrellus nanus</i> (Peters, 1852)	57
<i>Vesperus</i> Keyserling and Blasius, 1839	2076	<i>Eptesicus Rafinesque</i> , 1820	30
<i>Vesperus (Cateorus) Sorotinus</i> Kolenati, 1856	3162	<i>Eptesicus serotinus</i> (Schreber, 1774)	369
<i>Vesperus (Hesperoptenus) kraussii</i> Peters, 1868	2077	<i>Glauconycteris poensis</i> (Gray, 1842)	374
<i>Vesperus bicolor</i> Barboza du Bocage, 1889	2078	<i>Neoromicia tenuipinnis</i> (Peters, 1872)	363
<i>Vesperus bottae</i> Peters, 1869	2079	<i>Eptesicus bottae</i> (Peters, 1869)	368
<i>Vesperus damarensis</i> Noack, 1889	2080	<i>Neoromicia capensis</i> (A. Smith, 1829)	53
<i>Vesperus guineensis</i> Bocage, 1889	2081	<i>Neoromicia guineensis</i> (Bocage, 1889)	361
<i>Vesperus humbloti</i> A. Milne-Edwards, 1881	2671	<i>Neoromicia humbloti</i> (A. Milne-Edwards, 1881)	492
<i>Vesperus pusillus</i> Noack, 1889	2084	<i>Pipistrellus nanus</i> (Peters, 1852)	57
<i>Vesperus tenuipennis</i> Noack, 1889	3184	<i>Neoromicia tenuipinnis</i> (Peters, 1872)	363
<i>Vesperus tenuipinnis</i> Peters, 1872	2085	<i>Neoromicia tenuipinnis</i> (Peters, 1872)	363
<i>vulgaris</i> Temminck, 1837	606	<i>Pteropus subniger</i> (Kerr, 1792)	174
<i>Xantharpyia</i> Gray, 1843	1052	<i>Rousettus</i> Gray, 1821	86
<i>Xantharpyia leucomelas</i> Fitzinger, 1866	2185	<i>Eidolon helvum helvum</i> (Kerr, 1792)	183
<i>Xiphonycteris</i> Dollman, 1911	2401	<i>Mops (Xiphonycteris)</i> Dollman, 1911	485
<i>Xiphonycteris spurrelli</i> Dollman, 1911	2087	<i>Mops (Xiphonycteris) spurrelli</i> (Dollman, 1911)	324
Yangochiroptera	3249	VESPERTILIONIFORMACEI	262
YANGOCHIROPTERA Springer, Teeling, Madsen, Stanhope, and De Jong, 2001	3246	VESPERTILIONIFORMI	245
Yinochiroptera	3251	RHINOLOPHIFORMACEI	259
YINPTEROCHIROPTERA Springer, Teeling, Madsen, Stanhope, and De Jong, 2001	3241	PTEROPODIFORMI	243
YINPTEROCHIROPTERA Springer, Teeling, Madsen, Stanhope, and De Jong, 2001	3247	VESPERTILIONIFORMI	245
<i>Zygaenocephalus</i> A. Murray, 1862	584	<i>Hypsignathus</i> H. Allen, 1862	161
<i>Zygaenocephalus labrosus</i> A. Murray, 1862	588	<i>Hypsignathus monstrosus</i> H. Allen, 1862	162

Appendix 3b: Synonyms by Author

All the synonyms covered in this report (excluding new name combinations and *lapsi calami*). The synonyms are sorted by author and year of description and are linked to the current name.

Some synonyms may be linked to several current names, indicating that they can only be partly assigned to these current names, e.g. *Vesperugo* Keyserling and Blasius, 1839 is assigned to *Eptesicus* Rafinisque, 1820, *Nyctalus* Bowdich, 1825, and *Pipistrellus* Kaup, 1829.

Unknown Author

?	<i>brachyptera</i>	<i>Myonycteris (Myonycteris) brachyptera</i>
?	<i>Epomophorus</i>	<i>Nanonycteris</i> Matschie, 1899
?	<i>Epomophorus</i>	<i>Micropteropus</i> Matschie, 1899
?	<i>Epomophorus angolensis</i>	<i>Epomophorus gambianus crypturus</i> Peters, 1852
?	<i>Epomophorus anurus</i>	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)
?	<i>Epomophorus anurus</i>	<i>Epomophorus labiatus minor</i> Dobson, 1880
?	<i>Epomophorus crypturus</i>	<i>Epomophorus wahlbergi</i> (Sundevall, 1846)
?	<i>Epomophorus gambianus</i>	<i>Epomophorus gambianus crypturus</i> Peters, 1852
?	<i>Epomophorus gambianus</i>	<i>Epomophorus gambianus pousarguesi</i> Trouessart, 1904
?	<i>Epomophorus gambianus</i>	<i>Epomophorus wahlbergi</i> (Sundevall, 1846)
?	<i>Epomophorus labiatus</i>	<i>Epomophorus labiatus minor</i> Dobson, 1880
?	<i>Epomophorus labiatus anurus</i>	<i>Epomophorus labiatus minor</i> Dobson, 1880
?	<i>Epomophorus n. sp.</i>	<i>Plerotes anchietae</i> (de Seabra, 1900)
?	<i>Epomophorus pusillus</i>	<i>Epomophorus labiatus minor</i> Dobson, 1880
?	<i>Epomophorus sp.</i>	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)
?	<i>Hypsignathus monstrosus</i>	<i>Hypsignathus monstrosus</i> H. Allen, 1862
?	<i>Myotis bocagei bocagei</i>	<i>Myotis bocagii bocagii</i> (Peters, 1870)
?	<i>Nanonycteris veldkampii</i>	<i>Micropteropus pusillus</i> (Peters, 1868)
?	<i>Nanonycteris veldkampii</i>	<i>Plerotes anchietae</i> (de Seabra, 1900)
?	NOCTILIONIFORMACEI	NOCTILIONIFORMACEI
?	NOCTILIONOIDEA	NOCTILIONOIDEA
?	NYCTERIFORMACEI	NYCTERIFORMACEI
?	NYCTEROIDEA	NYCTEROIDEA
?	<i>Plerotes ancheilae</i>	<i>Plerotes anchietae</i> (de Seabra, 1900)
?	<i>Plerotes anchietai</i>	<i>Plerotes anchietae</i> (de Seabra, 1900)
?	PTEROPODIDEA	PTEROPODIDEA
?	PTEROPODIFORMACEI	PTEROPODIFORMACEI
?	PTEROPODIFORMI	PTEROPODIFORMI
?	RHINOLOPHIFORMACEI	RHINOLOPHIFORMACEI
?	RHINOLOPHOIDEA	RHINOLOPHOIDEA
?	VESPERTILIONIFORMACEI	VESPERTILIONIFORMACEI
?	VESPERTILIONIFORMI	VESPERTILIONIFORMI
?	<i>Yangochiroptera</i>	<i>Vespertilioniformacei</i>
?	<i>Yinochiroptera</i>	RHINOLOPHIFORMACEI

Acloque

1899	<i>Euvespertilio</i>	<i>Myotis</i> Kaup, 1829
1899	<i>Euvesperugo</i>	<i>Pipistrellus</i> Kaup, 1829

Adam and Hubert

1972	<i>Pipistrellus rueppelli senegalensis</i>	<i>Pipistrellus rueppellii senegalensis</i> Dorst, 1960
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Adam et al.

1972	<i>Epomophorus anurus</i>	<i>Epomophorus labiatus</i> (Temminck, 1837)
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Aellen

1950	<i>Epomophorus reii</i>	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)
1950	<i>Epomophorus reii</i>	<i>Epomophorus labiatus</i> (Temminck, 1837)
1952	<i>Nycteris benuensis</i>	<i>Nycteris parisii</i> (de Beaux, 1923)
1954	<i>Hipposideros marisae</i>	<i>Hipposideros marisae</i> Aellen, 1954
1956	<i>Miniopterus inflatus villiersi</i>	<i>Miniopterus schreibersii</i> (Kuhl, 1817)
1957	[<i>Pipistrellus</i>] <i>rueppelli</i>	<i>Pipistrellus rueppellii</i> (Fischer, 1829)
1957	<i>Pipistrellus (Pipistrellus) permixtus</i>	<i>Pipistrellus permixtus</i> Aellen, 1957
1959	<i>Kerivoula harrisoni bellula</i>	<i>Kerivoula lanosa</i> (A. Smith, 1847)
1959	<i>Nycteris intermedia</i>	<i>Nycteris intermedia</i> Aellen, 1959

1959	<i>Pipistrellus inexpectatus</i>	<i>Pipistrellus inexpectatus</i> Aellen, 1959
1959	<i>Rhinolophus silvestris</i>	<i>Rhinolophus silvestris</i> Aellen, 1959
1973	<i>Rhinolophus hilli</i>	<i>Rhinolophus ruwenzorii</i> J. Eric Hill, 1942

Aellen and Brosset

1968	<i>Rhinolophus adami</i>	<i>Rhinolophus adami</i> Aellen and Brosset, 1968
1968	<i>Triaenops persicus majusculus</i>	<i>Triaenops persicus</i> Dobson, 1871

Agassiz

1846	<i>Livia</i>	<i>Lavia</i> Gray, 1838
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Allen

1917	<i>Rhinolophus axillaris</i>	<i>Rhinolophus landeri</i> Martin, 1838
1939	<i>Colëura</i>	<i>Coleura</i> Peters, 1867
1939	<i>Mops rüppellii</i>	<i>Tadarida ventralis</i> (Heuglin, 1861)

G.M. Allen and Lawrence

1936	<i>Nycteris nana tristis</i>	<i>Nycteris nana</i> (K. Andersen, 1912)
1936	<i>Epomophorus labiatus minor</i>	<i>Epomophorus labiatus</i> (Temminck, 1837)

G.M. Allen and Loveridge

1942	<i>Mops angolensis orientis</i>	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)
1942	<i>orientis</i>	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)

G.M. Allen

1908	<i>Scabriber notius</i>	<i>Neoromicia capensis</i> (A. Smith, 1829)
1908	<i>Scabrifer</i>	<i>Neoromicia</i> Roberts, 1926
1911	<i>Eptesicus phasma</i>	<i>Neoromicia rendalli</i> (Thomas, 1889)
1911	<i>Nycticeius africanus</i>	<i>Nycticeinops schlieffenii</i> (Peters, 1859)
1914	<i>Scotophilus altillis</i>	<i>Scotophilus leucogaster</i> (Cretzschmar, 1826)
1914	<i>acrotis</i>	<i>Rhinolophus fumigatus</i> Rüppell, 1842
1918	<i>Chaerephon leucostigma</i>	<i>Mops (Mops) leucostigma</i> (G.M. Allen, 1918)
1921	<i>Hipposideros curtus</i>	<i>Hipposideros curtus</i> G.M. Allen, 1921
1939	<i>Rhinopterus floweri</i>	<i>Eptesicus floweri</i> (de Winton, 1901)

H. Allen

1862	<i>Epomophorus comptus</i>	<i>Epomops franqueti</i> (Tomes, 1860)
1862	<i>Hypsignathus</i>	<i>Hypsignathus</i> H. Allen, 1862
1862	<i>Hypsignathus monstrosus</i>	<i>Hypsignathus monstrosus</i> H. Allen, 1862
1862	<i>Pteropus mollipilosus</i>	<i>Eidolon helvum helvum</i> (Kerr, 1792)
1864	<i>Megadermatidae</i>	MEGADERMATIDAE H. Allen, 1864
1892	<i>Adelonycteris</i>	<i>Eptesicus Rafinesque</i> , 1820

J.A. Allen

1917	<i>Allomops</i>	<i>Mops (Mops)</i> Lesson, 1842
1917	<i>Chærephon (Lophomops)</i>	<i>Chaerephon</i> Dobson, 1874
1917	<i>Chærephon (Lophomops) abæ</i>	<i>Chaerephon major</i> (Trouessart, 1897)
1917	<i>Chærephon (Lophomops) chapini</i>	<i>Chaerephon chapini</i> J.A. Allen, 1917
1917	<i>Chærephon (Lophomops) cristatus</i>	<i>Chaerephon leucogaster</i> (A. Grandidier, 1869)
1917	<i>Chærephon frater</i>	<i>Chaerephon leucogaster</i> (A. Grandidier, 1869)
1917	<i>Chærephon russatus</i>	<i>Chaerephon russatus</i> J.A. Allen, 1917
1917	<i>Eptesicus ater</i>	<i>Neoromicia tenuipinnis</i> (Peters, 1872)
1917	<i>Eptesicus faradjius</i>	<i>Neoromicia rendalli</i> (Thomas, 1889)
1917	<i>Eptesicus garambæ</i>	<i>Neoromicia capensis</i> (A. Smith, 1829)
1917	<i>Glauconycteris alboguttatus</i>	<i>Glauconycteris alboguttata</i> J.A. Allen, 1917
1917	<i>Glauconycteris humeralis</i>	<i>Glauconycteris humeralis</i> J.A. Allen, 1917
1917	<i>Hipposideros abæ</i>	<i>Hipposideros abæ</i> J.A. Allen, 1917
1917	<i>Hipposideros caffer niapu</i>	<i>Hipposideros ruber</i> (Noack, 1893)
1917	<i>Hipposideros gigas niangaræ</i>	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)
1917	<i>Hipposideros langi</i>	<i>Hipposideros cyclops</i> (Temminck, 1853)
1917	<i>Hipposideros nanus</i>	<i>Hipposideros caffer</i> (Sundevall, 1846)
1917	<i>Miniopterus breyeri vicinior</i>	<i>Miniopterus natalensis</i> (A. Smith, 1833)
1917	<i>Mops (Allomops) faradjius</i>	<i>Mops (Mops) demonstrator</i> (Thomas, 1903)
1917	<i>Mops (Allomops) nanulus</i>	<i>Mops (Xiphonycteris) nanulus</i> J.A. Allen, 1917
1917	<i>Mops (Allomops) occipitalis</i>	<i>Mops (Xiphonycteris) thersites</i> (Thomas, 1903)

1917	<i>Mops congicus</i>	<i>Mops (Mops) congicus</i> J.A. Allen, 1917
1917	<i>Mops niangaræ</i>	<i>Mops (Mops) niangaræ</i> J.A. Allen, 1917
1917	<i>Mops trevori</i>	<i>Mops (Mops) trevori</i> J.A. Allen, 1917
1917	<i>Nycteris avakubia</i>	<i>Nycteris major</i> (K. Andersen, 1912)
1917	<i>Nycteris pallida</i>	<i>Nycteris hispida</i> (Schreber, 1774)
1917	<i>Nyctinomus ochraceus</i>	<i>Mops (Xiphonycteris) brachypterus</i> (Peters, 1852)
1917	<i>Pipistrellus abaensis</i>	<i>Pipistrellus nanus</i> (Peters, 1852)
1917	<i>Rhinolophus abæ</i>	<i>Rhinolophus fumigatus</i> Rüppell, 1842
1917	<i>Nycteris major</i>	<i>Nycteris macrotis</i> Dobson, 1876

Ameghino

1889	PTETICA	CHIROPTERA Blumenbach, 1779
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Amr and Qumsiyeh

1993	<i>Rhinolophus</i>	<i>Rhinolophus</i> Lacépède, 1799
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Anciaux de Faveaux

1976	<i>Pipistrellus (Pipistrellus) kuhli palludus</i>	<i>Pipistrellus kuhlii</i> (Kuhl, 1817)
1976	<i>Pipistrellus (Pipistrellus) kuhli palludus</i>	<i>Pipistrellus kuhlii</i> (Kuhl, 1817)

Andersen

1881	<i>Phyllorhina tridens murraiana</i>	<i>Asellia tridens</i> (E. Geoffroy St.-Hilaire, 1813)
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K. Andersen and Matschie

1904	<i>E[uryalus] atlanticus</i>	<i>Rhinolophus euryale</i> Blasius, 1853
1904	<i>E[uryalus] barbarus</i>	<i>Rhinolophus euryale</i> Blasius, 1853
1904	<i>E[uryalus] Cabreræ</i>	<i>Rhinolophus euryale</i> Blasius, 1853
1904	<i>E[uryalus] meridionalis</i>	<i>Rhinolophus euryale</i> Blasius, 1853

K. Andersen and Wroughton

1907	<i>Lavia frons affinis</i>	<i>Lavia frons</i> (E. Geoffroy St.-Hilaire, 1810)
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K. Andersen

1904	<i>Rhinolophus augur</i>	<i>Rhinolophus clivus</i> Cretzschmar, 1828
1904	<i>Rhinolophus augur zambesiensis</i>	<i>Rhinolophus clivus</i> Cretzschmar, 1828
1904	<i>Rhinolophus augur zuluensis</i>	<i>Rhinolophus clivus</i> Cretzschmar, 1828
1904	<i>Rhinolophus empusa</i>	<i>Rhinolophus blasii</i> Peters, 1867
1904	<i>Rhinolophus simulator</i>	<i>Rhinolophus simulator</i> K. Andersen, 1904
1905	<i>Rhinolophus acrotis brachygnatus</i>	<i>Rhinolophus clivus</i> Cretzschmar, 1828
1905	<i>Rhinolophus darlingi</i>	<i>Rhinolophus darlingi</i> K. Andersen, 1905
1905	<i>Rhinolophus fumigatus exsul</i>	<i>Rhinolophus fumigatus</i> Rüppell, 1842
1905	<i>Rhinolophus Hildebrandti eloquens</i>	<i>Rhinolophus eloquens</i> K. Andersen, 1905
1905	<i>Rhinolophus hipposiderus typicus</i>	<i>Rhinolophus hipposideros</i> (Bechstein, 1800)
1906	<i>H[ipposiderus]. gigas gambiensis</i>	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)
1906	<i>Hipposiderus beatus</i>	<i>Hipposideros beatus</i> (K. Andersen, 1906)
1906	<i>Hipposiderus caffer centralis</i>	<i>Hipposideros ruber</i> (Noack, 1893)
1906	<i>Hipposiderus caffer guineensis</i>	<i>Hipposideros ruber</i> (Noack, 1893)
1908	<i>Pteropus rufus princeps</i>	<i>Pteropus rufus</i> E. Geoffroy St.-Hilaire, 1803
1908	<i>Myonycteris leptodon</i>	<i>Myonycteris (Myonycteris) torquata leptodon</i> K. Andersen, 1908
1908	<i>Myonycteris wroughtoni</i>	<i>Myonycteris (Myonycteris) torquata wroughtoni</i> K. Andersen, 1908
1910	<i>Epomops franqueti strepitans</i>	<i>Epomops franqueti</i> (Tomes, 1860)
1910	<i>Plerotes</i>	<i>Plerotes</i> K. Andersen, 1910
1912	<i>Petalia aurita</i>	<i>Nycteris aurita</i> (K. Andersen, 1912)
1912	<i>Petalia damarensis brockmani</i>	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1912	<i>Petalia damarensis media</i>	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1912	<i>Petalia gambiensis</i>	<i>Nycteris gambiensis</i> (K. Andersen, 1912)
1912	<i>Petalia major</i>	<i>Nycteris major</i> (K. Andersen, 1912)
1912	<i>Petalia nana</i>	<i>Nycteris nana</i> (K. Andersen, 1912)
1912	<i>Cynopterinae</i>	PTEROPODINAE Gray, 1821
1912	<i>Epomophorinae</i>	PTEROPODINAE Gray, 1821
1912	<i>Epomophorus gambianus</i>	<i>Epomophorus labiatus</i> (Temminck, 1837)
1912	<i>Phygetis</i>	<i>Myonycteris (Phygetis)</i> K. Andersen, 1912
1912	<i>Pteropinae</i>	PTEROPODINAE Gray, 1821
1912	<i>Rousettinae</i>	PTEROPODINAE Gray, 1821

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|--|---|---|
| 1912 | <i>Rousettus (Lissonycteris)</i> | <i>Lissonycteris</i> K. Andersen, 1912 |
| 1914 | <i>Nycteris woodi</i> | <i>Nycteris woodi</i> K. Andersen, 1914 |
| 1918 | <i>[Rhinolophus hipposideros] escalerae</i> | <i>Rhinolophus hipposideros</i> (Bechstein, 1800) |
| K. Anderson | | |
| 1918 | <i>Asellia tridens diluta</i> | <i>Asellia tridens</i> (E. Geoffroy St.-Hilaire, 1813) |
| Ansell | | |
| 1960 | <i>Epomophorus gambianus parvus</i> | <i>Epomophorus gambianus</i> (Ogilby, 1835) |
| 1960 | <i>Epomophorus gambianus parvus</i> | <i>Epomophorus gambianus crypturus</i> Peters, 1852 |
| Aristotle | | |
| 330 | DERMAPTERA | CHIROPTERA Blumenbach, 1779 |
| Ayensu | | |
| 1974 | <i>Epomophorus gambianus</i> | <i>Epomophorus labiatus</i> (Temminck, 1837) |
| Baker, Honeycutt and Van den Bussche | | |
| 1991 | <i>Nycteris graudis</i> | <i>Nycteris grandis</i> Peters, 1865 |
| Barboza du Bocage | | |
| 1889 | <i>Vesperus bicolor</i> | <i>Neoromicia tenuipinnis</i> (Peters, 1872) |
| 1889 | <i>Miniopterus newtoni</i> | <i>Miniopterus minor</i> Peters, 1867 |
| Barrett-Hamilton | | |
| 1906 | <i>Pterygistes madeiræ</i> | <i>Nyctalus leisleri</i> (Kuhl, 1817) |
| 1907 | <i>Plecotus teneriffæ</i> | <i>Plecotus teneriffæ</i> Barrett-Hamilton, 1907 |
| 1907 | <i>Plecotus teneriffæ</i> | <i>Plecotus teneriffæ teneriffæ</i> Barrett-Hamilton, 1907 |
| Bates, Ratrimomanarivo, Harrison and Goodman | | |
| 2006 | <i>Pipistrellus raceyi</i> | <i>Pipistrellus raceyi</i> Bates, Ratrimomanarivo, Harrison and Goodman, 2006 |
| Baud | | |
| 1977 | <i>Epomophorus reii</i> | <i>Epomophorus labiatus</i> (Temminck, 1837) |
| Bechstein | | |
| 1800 | <i>Vespertilio hipposideros</i> | <i>Rhinolophus hipposideros</i> (Bechstein, 1800) |
| 1800 | <i>Vespertilio megalotis</i> | <i>Lavia frons</i> (E. Geoffroy St.-Hilaire, 1810) |
| Benda, Hulva and Gaisler | | |
| 2004 | <i>Pipistrellus hanaki</i> | <i>Pipistrellus hanaki</i> Hulva and Benda, 2004 |
| Benda, Kiefer, Hanák and Vieth | | |
| 2004 | <i>Plecotus teneriffæ gaisleri</i> | <i>Plecotus teneriffæ gaisleri</i> Benda, Kiefer, Hanak & Veith, 2004 |
| Bennett | | |
| 1836 | <i>Epomophorus</i> | <i>Epomophorus</i> Bennett, 1836 |
| 1836 | <i>Pteropus epomophorus</i> | <i>Epomophorus gambianus</i> (Ogilby, 1835) |
| 1836 | <i>Pteropus whitei</i> | <i>Epomophorus gambianus gambianus</i> (Ogilby, 1835) |
| Bergmans | | |
| 1980 | <i>Myonycteris relicta</i> | <i>Myonycteris (Myonycteris) relicta</i> Bergmans, 1980 |
| 1988 | <i>Epomophorus gambianus crypturus</i> | <i>Epomophorus gambianus crypturus</i> Peters, 1852 |
| 1988 | <i>Epomophorus gambianus gambianus</i> | <i>Epomophorus labiatus</i> (Temminck, 1837) |

1988	<i>Epomophorus grandis</i>	<i>Epomophorus grandis</i> (Sanborn, 1950)
1997	<i>Lissonycteris angolensis goliath</i>	<i>Lissonycteris goliath</i> Bergmans, 1997
1997	<i>Lissonycteris angolensis petraea</i>	<i>Lissonycteris petraea</i> Bergmans, 1997

Bergmans and Van Strien

2004	<i>Epomophorus anelli</i>	<i>Epomophorus anelli</i> Bergmans and Van Strien, 2004
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Bhatnagar and Parveen

1985	<i>Rhinopoma microphyllum kineari</i>	<i>Rhinopoma microphyllum</i> (Brünnich, 1782)
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Bianchi

1917	<i>Dichromyotis</i>	<i>Myotis</i> Kaup, 1829
1917	<i>Megapipistrellus</i>	<i>Myotis</i> Kaup, 1829
1917	<i>Paramyotis</i>	<i>Myotis</i> Kaup, 1829
1917	<i>Pareptesicus</i>	<i>Eptesicus</i> Rafinesque, 1820
1917	<i>Rhynptesicus</i>	<i>Eptesicus</i> Rafinesque, 1820
1917	<i>Rickettia</i>	<i>Myotis</i> Kaup, 1829

Bickham, Patton, Schlitter, Rautenbach and Honeycutt

2004	<i>Myotis (Cistugo) sebrai</i>	<i>Cistugo seabrae</i> Thomas, 1912
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Blanford

1891	<i>Cerivoula</i>	<i>Kerivoula</i> Gray, 1842
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Blasius

1853	<i>Rhinolophus euryale</i>	<i>Rhinolophus euryale</i> Blasius, 1853
1853	<i>V[esperugo (Vesperugo)] Kuhlii</i>	<i>Pipistrellus kuhlii</i> (Kuhl, 1817)

Blumenbach

1779	CHIROPTERA	CHIROPTERA Blumenbach, 1779
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Blyth

1840	<i>Romicius</i>	<i>Pipistrellus</i> Kaup, 1829
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Bocage

1889	<i>Epomophorus dobsonii</i>	<i>Epomops dobsonii</i> (Bocage, 1889)
1889	<i>Vesperus guineensis</i>	<i>Neoromicia guineensis</i> (Bocage, 1889)
1889	<i>Cynonycteris brachycephala</i>	<i>Myonycteris (Phygetis) brachycephala</i> (Bocage, 1889)
1891	<i>Phyllorhina commersoni var. thomensis</i>	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)
1898	<i>Cynonycteris angolensis</i>	<i>Lissonycteris angolensis angolensis</i> (Bocage, 1898)
1898	<i>Cynonycteris angolensis</i>	<i>Lissonycteris angolensis</i> (Bocage, 1898)
1898	<i>Epomophorus guineensis</i>	<i>Epomophorus gambianus</i> (Ogilby, 1835)
1898	<i>Epomophorus guineensis</i>	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)

Boie

1830	<i>Loeconoë</i>	<i>Myotis</i> Kaup, 1829
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Bonaparte

1837	<i>Miniopterus</i>	<i>Miniopterus</i> Bonaparte, 1837
1837	<i>Noctula</i>	<i>Eptesicus</i> Rafinesque, 1820
1837	<i>Pipistrella</i>	<i>Pipistrellus</i> Kaup, 1829
1837	<i>Vespertilio Capaccinii</i>	<i>Myotis capaccinii</i> (Bonaparte, 1837)
1837	<i>Vespertilio Savii</i>	<i>Hypsugo savii</i> (Bonaparte, 1837)
1838	PTEROPODIDAE	PTEROPODIDAE Bonaparte, 1838
1841	<i>Capaccinius</i>	<i>Myotis</i> Kaup, 1829
1841	<i>Selysius</i>	<i>Myotis</i> Kaup, 1829

Booth

1959	<i>Epomophorus gambianus</i>	<i>Epomophorus labiatus</i> (Temminck, 1837)
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Borkhausen

- 1797 *Vespertilio myosotis* *Myotis myotis* (Borkhausen, 1797)
 1797 *Vespertilio myotis* *Myotis myotis* (Borkhausen, 1797)

Bourret

- 1951 *Rhinomegalophus* *Rhinolophus* Lacépède, 1799

Bowdich

- 1821 *Nyctinoma* *Tadarida* Rafinesque, 1814
 1825 *Nyctalus* *Nyctalus* Bowdich, 1825
 1825 *Nyctalus verrucosus* *Nyctalus leisleri* (Kuhl, 1817)

Braestrup

- 1935 *Epomophorus gambianus* *Epomophorus labiatus* (Temminck, 1837)

Brehm

- 1827 *Vespertilio ferrugineus* *Nyctalus lasiopterus* (Schreber, 1780)

Brosset

- 1966 *Tadarida (Chaerephon) cyclotis* *Chaerephon aloysiisabaudiae* (Festa, 1907)
 1985 *Hipposideros lamottei* *Hipposideros lamottei* Brosset, 1985

Brünnich

- 1782 *Vespertilio Microphyllus* *Rhinopoma microphyllum* (Brünnich, 1782)

Burland, Jones, Racey, and Wayne

- 1995 *P[ipistrellus] somalius* *Neoromicia somalicus* (Thomas, 1901)

Burnett

- 1829 *Cercopteropus* *Rousettus* Gray, 1821

Cabrera

- 1904 *Myotis Escalerae* *Myotis nattereri* (Kuhl, 1817)
 1906 *Hipposideros tephros* *Hipposideros caffer* (Sundevall, 1846)
 1914 *Noctulinia* *Nyctalus* Bowdich, 1825
 1920 *Rousettus (Lissonycteris) crypticola* *Lissonycteris angolensis* (Bocage, 1898)
 1958 *Hesperomyotis* *Myotis* Kaup, 1829

Cabrera and Ruxton

- 1926 *Mops angolensis niveiventer* *Mops (Mops) niveiventer* Cabrera and Ruxton, 1926
 1926 *Scoteinus schleiffeni* *Nycticeinops schleiffenii* (Peters, 1859)

Castella, Ruedi, Excoffier, Ibanez, Arlettaz and Hausser

- 2000 *Myotis cf. punicus* *Myotis punicus* Felten, 1977

Chastel, Launay, Le Lay, Bailly-Choumara, Hellal, Valle, Bach-Hamba and Beaucournu

- 1986 *Pipistrellus kunli* *Pipistrellus kuhlii* (Kuhl, 1817)

Chubb

- 1917 *Otomops icarus* *Otomops martiensseni icarus* Chubb, 1917

Claessen and De Vree

- 1991 *Epomophorus minimus* *Epomophorus minimus* Claessen & De Vree, 1991

Corbet

1978 *eggenhoffner* *Rhinolophus hipposideros* (Bechstein, 1800)

Corbet and Hill

1992 *Attelepharca* *Pipistrellus* Kaup, 1829

Cotterill

2001 *Lissonycteris goliath* *Lissonycteris goliath* Bergmans, 1997
 2001 *Lissonycteris petraea* *Lissonycteris petraea* Bergmans, 1997
 2002 *Rhinolophus sakejiensis* *Rhinolophus sakejiensis* Cotterill, 2002

Cozens and Marchant

1952 *Eptesicus tenuipinnis* *Neoromicia tenuipinnis* (Peters, 1872)

Cretzschmar

1826 *Dysopes pumilus* *Chaerephon pumilus* (Cretzschmar, 1826)
 1826 *Nycticejus leucogaster* *Scotophilus leucogaster* (Cretzschmar, 1826)
 1826 *Vespertilio temminckii* *Pipistrellus rueppellii* (Fischer, 1829)
 1827 *Vespertilio temminckii* *Pipistrellus rueppellii rueppellii* (Fischer, 1829)
 1828 *Rhinolophus clivosus* *Rhinolophus clivosus* Cretzschmar, 1828
 1830 *Dysopes* *Tadarida Rafinesque*, 1814
 1830 *Taphozous nudiventris* *Taphozous nudiventris* Cretzschmar, 1830
 1830 *Vespertilio marginatus* *Pipistrellus kuhlii* (Kuhl, 1817)

G. Cuvier and E. Geoffroy

1795 *Nycteris* *Nycteris* G. Cuvier and E. Geoffroy, 1795

F. Cuvier

1829 *Plecautus* *Plecotus* E. Geoffroy St.-Hilaire, 1818

Dalquest

1965 *Nycteris vinsoni* *Nycteris vinsoni* Dalquest, 1965
 1965 *Scotophilus alvenslebeni* *Scotophilus nigrita* (Schreber, 1774)

Daudin

1802 *Spectrum rubidum* *Pteropus subniger* (Kerr, 1792)

de Beaux

1922 *Rhinolophus hildebrandti perauritus* *Rhinolophus eloquens* K. Andersen, 1905
 1922 *Chaerephon angolensis sabaudiae* *Chaerephon aloysiisabaudiae* (Festa, 1907)
 1923 *Petalia (Nycteris) thebaica aurantiaca* *Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
 1923 *Scotoecus artinii* *Scotoecus hirundo* (de Winton, 1899)
 1924 *Petalia parisii* *Nycteris parisii* (de Beaux, 1923)
 1924 *aurantiaca* *Hipposideros caffer* (Sundevall, 1846)
 1931 *Asellia patrizii* *Asellia patrizii* de Beaux, 1931
 1931 *Asellia tridens italosomalia* *Asellia tridens* (E. Geoffroy St.-Hilaire, 1813)

de Blainville

1837 *Myoptera* *Myopterus* E. Geoffroy St.-Hilaire, 1818

de Seabra

1900 *Epomophorus anchietæ* *Plerotes anchietæ* (de Seabra, 1900)
 1900 *Vesperugo anchieta* *Hypsugo anchietæ* (de Seabra, 1900)
 1900 *Epomophorus anchietæ* *Plerotes anchietæ* (de Seabra, 1900)
 1900 *Vesperugo (Vesperus) flavescens* *Neoromicia flavescens* (de Seabra, 1900)

De Vree

1972 *Pipistrellus eisentrauti bellieri* *Hypsugo crassulus* (Thomas, 1904)

de Winton

1897	<i>Rhinolophus micaceus</i>	<i>Hipposideros cyclops</i> (Temminck, 1853)
1899	<i>Scotophilus hirundo</i>	<i>Scotoecus hirundo</i> (de Winton, 1899)
1899	<i>Scotophilus nigrivetellus</i>	<i>Scotophilus viridis</i> (Peters, 1852)
1901	<i>Glauconycteris floweri</i>	<i>Eptesicus floweri</i> (de Winton, 1901)
1901	<i>Nyctinomus midas</i>	<i>Tadarida ventralis</i> (Heuglin, 1861)
1901	<i>Nyctinomus emini</i>	<i>Chaerephon major</i> (Trouessart, 1897)
1901	<i>Nyctinomus gambianus</i>	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)

Decher

1997	<i>Pipistrellus aegyptiacus</i>	<i>Pipistrellus deserti</i> Thomas, 1902
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Deleuil and Labbé

1955	<i>Rhinolophus euryale tuneti</i>	<i>Rhinolophus mehelyi</i> Matschie, 1901
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Desmarest

1803	<i>Nycteris</i>	<i>Nycteris</i> G. Cuvier and E. Geoffroy, 1795
1803	<i>Pteropus fuscus</i>	<i>Pteropus subniger</i> (Kerr, 1792)
1820	<i>Myopterus</i>	<i>Myopterus</i> E. Geoffroy St.-Hilaire, 1818
1820	<i>Myopterus daubentonii</i>	<i>Myopterus daubentonii</i> Desmarest, 1820
1820	<i>Nycteris Geoffroyi</i>	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1820	<i>Rhinopoma microphylla</i>	<i>Rhinopoma microphyllum</i> (Brünnich, 1782)
1820	<i>Taphozous senegalensis</i>	<i>Taphozous perforatus perforatus</i> E. Geoffroy St.-Hilaire, 1818

Dobson

1871	<i>Triaenops</i>	<i>Triaenops</i> Dobson, 1871
1871	<i>Triaenops persicus</i>	<i>Triaenops persicus</i> Dobson, 1871
1872	<i>Rhinopomatidae</i>	<i>RHINOPOMATIDAE</i> Dobson, 1872
1874	<i>Nyctinomus (Chaerephon)</i>	<i>Chaerephon</i> Dobson, 1874
1875	<i>Scotophilus gigas</i>	<i>Scotophilus nigrita</i> (Schreber, 1774)
1875	<i>Vespertilio murinus africanus</i>	<i>Myotis blythii</i> (Tomes, 1857)
1875	<i>Chalinolobus argentatus</i>	<i>Glauconycteris argentata</i> (Dobson, 1875)
1875	<i>Glauconycteris</i>	<i>Glauconycteris</i> Dobson, 1875
1875	<i>Vesperugo pulcher</i>	<i>Pipistrellus rueppellii pulcher</i> (Dobson, 1875)
1875	<i>Miniopteridae</i>	<i>MINIOPTERIDAE</i> Dobson, 1875
1875	<i>Macroglossi</i>	<i>MACROGLOSSINAE</i> Gray, 1866
1875	<i>MEGACHIROPTERA</i>	<i>PTEROPODIFORMI</i>
1875	<i>MICROCHIROPTERA</i>	<i>PTEROPODIFORMI</i>
1875	<i>MICROCHIROPTERA</i>	<i>VESPERTILIONIFORMI</i>
1875	<i>Miniopteri</i>	<i>VESPERTILIONIDAE</i> Gray, 1821
1876	<i>Taphonycteris</i>	<i>Saccolaimus</i> Temminck, 1838
1876	<i>Nyctinomus africanus</i>	<i>Tadarida ventralis</i> (Heuglin, 1861)
1876	<i>Vesperugo (Vesperus) grandidieri</i>	<i>Neoromicia capensis</i> (A. Smith, 1829)
1876	<i>Nycteris macrotis</i>	<i>Nycteris macrotis</i> Dobson, 1876
1877	<i>Nyctinomus albiventer</i>	<i>Mormopterus jugularis</i> (Peters, 1865)
1877	<i>Nyctinomus cestoni</i>	<i>Tadarida ventralis</i> (Heuglin, 1861)
1878	<i>Cynonycteris torquata</i>	<i>Myonycteris (Myonycteris) torquata torquata</i> (Dobson, 1878)
1878	<i>Cynonycteris torquata</i>	<i>Myonycteris (Myonycteris) torquata</i> (Dobson, 1878)
1878	<i>Kerivoula africana</i>	<i>Kerivoula africana</i> Dobson, 1878
1878	<i>Kerivoula brunnea</i>	<i>Kerivoula lanosa</i> (A. Smith, 1847)
1878	<i>Nycteris aethiopica</i>	<i>Nycteris macrotis</i> Dobson, 1876
1878	<i>Pteropus rodricensis</i>	<i>Pteropus rodricensis</i> Dobson, 1878
1878	<i>Vesperugo maderensis</i>	<i>Pipistrellus maderensis</i> (Dobson, 1878)
1878	<i>Plecotus aegyptiacus</i>	<i>Plecotus christii</i> Gray, 1838
1879	<i>Myxopoda</i>	<i>Myxopoda</i> Milne-Edwards and A. Grandidier, 1878
1880	<i>Epomophorus minor</i>	<i>Epomophorus labiatus</i> (Temminck, 1837)
1880	<i>Epomophorus minor</i>	<i>Epomophorus labiatus minor</i> Dobson, 1880
1880	<i>Vesperugo (Vesperus) serotinus isabellinus</i>	<i>Eptesicus serotinus</i> (Schreber, 1774)
1885	<i>Rhinolophus antinorii</i>	<i>Rhinolophus fumigatus</i> Rüppell, 1842

Dollman

1908	<i>Chaerephon pumila websteri</i>	<i>Chaerephon leucogaster</i> (A. Grandidier, 1869)
1911	<i>Xiphonycteris</i>	<i>Mops (Xiphonycteris)</i> Dollman, 1911
1911	<i>Xiphonycteris spurrelli</i>	<i>Mops (Xiphonycteris) spurrelli</i> (Dollman, 1911)

		Doria
1887	<i>Scotophilus darwini</i>	<i>Hypsugo savii</i> (Bonaparte, 1837)
		Dorst
1953	<i>Otomops madagascariensis</i>	<i>Otomops madagascariensis</i> Dorst, 1953
1960	? <i>anjouanensis</i>	<i>Myotis anjouanensis</i> (Dorst, 1960)
1960	<i>Pipistrellus rüppelli senegalensis</i>	<i>Pipistrellus rueppellii senegalensis</i> Dorst, 1960
		Dorst et al
1972	<i>Epomophorus gambianus</i>	<i>Epomophorus labiatus</i> (Temminck, 1837)
		Eger and Schlitter
2001	<i>Glauconycteris curryi</i>	<i>Glauconycteris curryae</i> Eger and Smith, 2001
		Eisenraut
1956	<i>Hipposideros camerunensis</i>	<i>Hipposideros camerunensis</i> Eisenraut, 1956
1958	<i>Scotophilus nigrita coreas</i>	<i>Scotophilus dinganii</i> (A. Smith, 1833)
1960	<i>Rousettus aegyptiacus occidentalis</i>	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)
1960	<i>Rhinolophus denti knorri</i>	<i>Rhinolophus denti</i> Thomas, 1904
1960	<i>Rhinolophus guineensis</i>	<i>Rhinolophus guineensis</i> Eisenraut, 1960
1965	<i>Rousettus angolensis ruwenzorii</i>	<i>Lissonycteris angolensis ruwenzorii</i> (Eisenraut, 1965)
1973	<i>Epomophorus gambianus</i>	<i>Epomophorus labiatus</i> (Temminck, 1837)
1975	<i>Epomophorus gambianus</i>	<i>Epomophorus labiatus</i> (Temminck, 1837)
		El Rayah
1981	<i>Tadarida (Xiphonycteris) petersoni</i>	<i>Mops (Xiphonycteris) petersoni</i> (El Rayah, 1981)
		Ellerman, Morrison-Scott and Hayman
1953	<i>Eptesicus (Rhinopterus) notius</i>	<i>Neoromicia capensis</i> (A. Smith, 1829)
1953	<i>Micropteropus grandis</i>	<i>Micropteropus intermedius</i> Hayman, 1963
1953	<i>Pterocyon palaeceus</i>	<i>Eidolon helvum helvum</i> (Kerr, 1792)
		Erxleben
1777	<i>Pteropus</i>	<i>Pteropus</i> Erxleben, 1777
		Fahr, Vierhaus, Hutterer and Kock
2002	<i>Rhinolophus ziama</i>	<i>Rhinolophus ziama</i> Fahr, Vierhaus, Hutterer and Kock, 2002
		Fatio
1869	<i>Gymnorhinida</i>	VESPERTILIONIDAE Gray, 1821
1869	<i>maxima</i>	<i>Nyctalus lasiopterus</i> (Schreber, 1780)
		Feiler, Haft and Widmann
1993	<i>Rousettus aegyptiacus thomensis</i>	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)
		Felten
1977	<i>Myotis blythii punicus</i>	<i>Myotis punicus</i> Felten, 1977
		Fenton
1975	<i>niveiventer</i>	<i>Mops (Mops) niveiventer</i> Cabrera and Ruxton, 1926
		Fenton and Bogdanowicz
2002	<i>Eptesicus tenuipinnis</i>	<i>Neoromicia tenuipinnis</i> (Peters, 1872)
2002	<i>Eptesicus tenuipinnis</i>	<i>Neoromicia tenuipinnis</i> (Peters, 1872)

- 2002 *Nycteris argae* *Nycteris arge* Thomas, 1903
- Festa
- 1907 *Nyctinomus aloysii-sabaudiae* *Chaerephon aloysiisabaudiae* (Festa, 1907)
- G. Fischer
- 1814 *torquatus* *Pteropus subniger* (Kerr, 1792)
- J.B. Fischer
- 1829 *Vespertilio auritus* β *aegyptius* *Plecotus christii* Gray, 1838
- 1829 *Vespertilio pipistrellus* var. β *aegyptius* *Pipistrellus deserti* Thomas, 1902
- 1829 *Vespertilio rüppelii* *Pipistrellus rueppellii* (Fischer, 1829)
- 1829 *Vespertilio ruppellii* *Pipistrellus rueppellii rueppellii* (Fischer, 1829)
- Fitzinger
- 1861 *Nyctophylax* *Kerivoula* Gray, 1842
- 1866 *Rhinopoma longicaudatum* *Rhinopoma hardwickii* Gray, 1831
- 1866 *Rhinopoma sennaariense* *Rhinopoma hardwickii* Gray, 1831
- 1866 *Xantharpyia leucomelas* *Eidolon helvum helvum* (Kerr, 1792)
- 1870 *Nyctophylax* *Kerivoula* Gray, 1842
- 1870 *Aëorestes* *Myotis* Kaup, 1829
- 1870 *Comastes* *Myotis* Kaup, 1829
- 1870 *Exochurus* *Myotis* Kaup, 1829
- 1870 *Nyctiptenus* *Eptesicus* Rafinesque, 1820
- 1870 *Rhinolophus eggenhöffner* *Rhinolophus hipposideros* (Bechstein, 1800)
- Fitzinger and Heuglin
- 1866 *Plecotus ustus* *Otonycteris hemprichii* Peters, 1859
- Fleming
- 1822 *Nyctinomia* *Tadarida* Rafinesque, 1814
- Flemming
- 1822 **CHEIROPTERA** **CHIROPTERA** Blumenbach, 1779
- Forbes
- 1882 *Liponyx* *Eidolon* Rafinesque, 1815
- Fraser
- 1843 *Rhinolophus Martini* *Nycteris hispida* (Schreber, 1774)
- Freitas, Bogo, and Christoff
- 1992 *Eptesicus zulensis* *Neoromicia zuluensis* (Roberts, 1924)
- E. Geoffroy Saint-Hilaire
- 1803 *major* *Rhinolophus ferrumequinum* (Schreber, 1774)
- 1803 *Pteropus fuscus* *Pteropus niger* (Kerr, 1792)
- 1803 *Pteropus rufus* *Pteropus rufus* E. Geoffroy St.-Hilaire, 1803
- 1803 *Pteropus stramineus* *Eidolon helvum helvum* (Kerr, 1792)
- 1803 *ruber* *Pteropus subniger* (Kerr, 1792)
- 1803 *Vespertilio borbonicus* *Scotophilus borbonicus* (E. Geoffroy St.-Hilaire, 1803)
- 1806 *Vespertilio emarginatus* *Myotis emarginatus* (E. Geoffroy St.-Hilaire, 1806)
- 1806 *Vespertilio serotinus* *Nyctalus noctula* (Schreber, 1774)
- 1810 *Megaderma frons* *Lavia frons* (E. Geoffroy St.-Hilaire, 1810)
- 1810 *Pteropus edwardsii* *Pteropus rufus* E. Geoffroy St.-Hilaire, 1803
- 1810 *Pteropus Egyptiacus* *Rousettus aegyptiacus* (E. Geoffroy St.-Hilaire, 1810)
- 1810 *Pteropus rubricollis* *Pteropus subniger* (Kerr, 1792)
- 1810 *Pteropus vulgaris* *Pteropus niger* (Kerr, 1792)
- 1813 *Nycteris Daubentonii* *Nycteris hispida* (Schreber, 1774)
- 1813 *Rhinolophus commersoni* *Hipposideros commersoni* (E. Geoffroy St.-Hilaire, 1813)

1813	<i>Rhinolophus tridens</i>	<i>Asellia tridens</i> (E. Geoffroy St.-Hilaire, 1813)
1818	<i>Myopterus</i>	<i>Myopterus</i> E. Geoffroy St.-Hilaire, 1818
1818	<i>Nycteris Thebaicus</i>	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1818	<i>Nyctinomus</i>	<i>Chaerephon</i> Dobson, 1874
1818	<i>Nyctinomus aegyptiacus</i>	<i>Tadarida aegyptiaca aegyptiaca</i> (E. Geoffroy St.-Hilaire, 1818)
1818	<i>Nyctinomus aegyptiacus</i>	<i>Tadarida aegyptiaca</i> (E. Geoffroy St.-Hilaire, 1818)
1818	<i>Plecotus</i>	<i>Plecotus</i> E. Geoffroy St.-Hilaire, 1818
1818	<i>Pteropus aegyptiacus</i>	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)
1818	<i>Rhinopoma</i>	<i>Rhinopoma</i> E. Geoffroy St.-Hilaire, 1818
1818	<i>Taphozous</i>	<i>Taphozous</i> E. Geoffroy St.-Hilaire, 1818
1818	<i>Taphozous mauritanus</i>	<i>Taphozous mauritanus</i> E. Geoffroy St.-Hilaire, 1818
1818	<i>Taphozous perforatus</i>	<i>Taphozous perforatus perforatus</i> E. Geoffroy St.-Hilaire, 1818
1818	<i>Taphozous perforatus</i>	<i>Taphozous perforatus</i> E. Geoffroy St.-Hilaire, 1818

Gervais

1836	<i>Rhinocrepis</i>	<i>Rhinolophus</i> Lacépède, 1799
1849	<i>Kirivoula</i>	<i>Kirivoula</i> Gray, 1842
1849	<i>Tralaitus</i>	<i>Myotis</i> Kaup, 1829
1854	<i>Rhinopomus</i>	<i>Rhinopoma</i> E. Geoffroy St.-Hilaire, 1818
1855	<i>Emballonuridae</i>	<i>EMBALLONURIDAE</i> Gervais, 1855
1856	<i>Molossidae</i>	<i>MOLOSSIDAE</i> Gervais, 1856
1856	<i>Molossinae</i>	<i>Molossinae</i> Gervais, 1856
1855	<i>Nycticeina</i>	<i>VESPERTILIONIDAE</i> Gray, 1821

Giebel

1855	<i>FRUGIVORA</i>	<i>PTEROPODIFORMI</i>
1855	<i>Gymnorhina</i>	<i>VESPERTILIONIFORMI</i>

Gill

1872	<i>ANIMALIVORA</i>	<i>VESPERTILIONIFORMI</i>
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Goldfuss

1809	<i>Vespertilio caninus var. b</i>	<i>Eidolon helvum helvum</i> (Kerr, 1792)
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Goodman and Cardiff

2004	<i>Chaerephon jobimena</i>	<i>Chaerephon jobimena</i> Goodman and Cardiff, 2004
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Goodman, Cardiff, Ranivo, Russell and Yoder

2006	<i>Emballonura tiavato</i>	<i>Emballonura tiavato</i> Goodman, Cardiff, Ranivo, Russell, and Yoder, 2006
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Goodman, Jenkins and Ratrimomanarivo

2005	<i>Scotophilus tandrefana</i>	<i>Scotophilus tandrefana</i> Goodman, Jankins and Ratrimomanarivo, 2005
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Goodman, Rakotondraparany and Kofoky

2007	<i>Myzopoda schliemanni</i>	<i>Myzopoda schliemanni</i> Goodman, Rakotondraparany and Kofoky, 2007
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Goodman, Ratrimomanarivo and Randrianandrianina

2006	<i>Scotophilus marovaza</i>	<i>Scotophilus marovaza</i> Goodman, Ratrimomanarivo and Randrianandrianina, 2006
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Gough

1908	<i>Rhinolophus swinnyi</i>	<i>Rhinolophus swinnyi</i> Gough, 1908
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A. Grandidier

1869	<i>Nyctinomus leucogaster</i>	<i>Chaerephon leucogaster</i> (A. Grandidier, 1869)
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1869	<i>Nyctinomus miarensis</i>	<i>Mops (Mops) midas miarensis</i> (A. Grandidier, 1869)
1870	<i>Nyctinomus unicolor</i>	<i>Mops (Mops) midas miarensis</i> (A. Grandidier, 1869)
1870	<i>Vespertilio sylvicola</i>	<i>Myotis goudoti</i> (A. Smith, 1834)

G. Grandidier

1912	<i>Triænops aurita</i>	<i>Triænops auritus</i> G. Grandidier, 1912
1929	<i>Rousettus madagascariensis</i>	<i>Rousettus madagascariensis</i> G. Grandidier, 1929
1937	<i>Nycteris madagascariensis</i>	<i>Nycteris madagascariensis</i> G. Grandidier, 1937

Granvik

1924	<i>Eptesicus loveni</i>	<i>Myotis tricolor</i> (Temminck, 1832)
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Gray

1821	<i>Barbastella</i>	<i>Barbastella</i> Gray, 1821
1821	<i>Nyctinomes</i>	<i>Tadarida Rafinesque</i> , 1814
1821	<i>Rousettus</i>	<i>Rousettus</i> Gray, 1821
1821	<i>Vespertilionidae</i>	<i>VESPERTILIONIDAE</i> Gray, 1821
1821	<i>Vespertilioninae</i>	<i>Vespertilioninae</i> Gray, 1821
1821	<i>Vespertilionoidea</i>	<i>VESPERTILIONOIDEA</i> Gray, 1821
1821	<i>Cephalotidae</i>	<i>PTEROPODIDAE</i> Bonaparte, 1838
1821	<i>CHEIROPTERA</i>	<i>CHIROPTERA</i> Blumenbach, 1779
1821	<i>INSECTIVORAE</i>	<i>VESPERTILIONIFORMI</i>
1821	<i>Pteropidae</i>	<i>PTEROPODIDAE</i> Bonaparte, 1838
1825	<i>Rhinolophidae</i>	<i>RHINOLOPHIDAE</i> Gray, 1825
1825	<i>Rhinolophinae</i>	<i>Rhinolophinae</i> Gray, 1825
1831	<i>Hipposideros</i>	<i>Hipposideros</i> Gray, 1831
1831	<i>Pachyotus</i>	<i>Scotophilus</i> Leach, 1821
1831	<i>Rhinopoma Hardwickii</i>	<i>Rhinopoma hardwickii</i> Gray, 1831
1834	<i>Hipposiderus</i>	<i>Hipposideros</i> Gray, 1831
1838	<i>Asellia</i>	<i>Asellia</i> Gray, 1838
1838	<i>Barbastellus communis</i>	<i>Barbastella barbastellus</i> (Schreber, 1774)
1838	<i>Epomophorus whitii</i>	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)
1838	<i>Lavia</i>	<i>Lavia</i> Gray, 1838
1838	<i>Petalia</i>	<i>Nycteris</i> G. Cuvier and E. Geoffroy, 1795
1838	<i>Plecotus christii</i>	<i>Plecotus christii</i> Gray, 1838
1838	<i>Romicia</i>	<i>Pipistrellus</i> Kaup, 1829
1842	<i>Kerivoula</i>	<i>Kerivoula</i> Gray, 1842
1842	<i>Kerivoula poensis</i>	<i>Glauconycteris poensis</i> (Gray, 1842)
1842	<i>Trilatitus</i>	<i>Myotis</i> Kaup, 1829
1843	<i>Nycteris poensis</i>	<i>Nycteris hispida</i> (Schreber, 1774)
1843	<i>Xantharpyia</i>	<i>Rousettus</i> Gray, 1821
1844	<i>Eleutherura</i>	<i>Rousettus</i> Gray, 1821
1847	<i>Aquias</i>	<i>Rhinolophus</i> Lacépède, 1799
1866	<i>Miniopterus</i>	<i>Miniopterus</i> Bonaparte, 1837
1866	<i>Nyctophilina</i>	<i>VESPERTILIONIDAE</i> Gray, 1821
1866	<i>Pachyomus</i>	<i>Eptesicus</i> Rafinesque, 1820
1866	<i>Plecotina</i>	<i>VESPERTILIONIDAE</i> Gray, 1821
1866	<i>Romiciana</i>	<i>VESPERTILIONIDAE</i> Gray, 1821
1866	<i>Tralatitius</i>	<i>Myotis</i> Kaup, 1829
1866	<i>Chrysonycteris</i>	<i>Hipposideros</i> Gray, 1831
1866	<i>Eunycteris</i>	<i>Pteropus</i> Erxleben, 1777
1866	<i>Gloionycteris</i>	<i>Hipposideros</i> Gray, 1831
1866	<i>Macronycteris</i>	<i>Hipposideros</i> Gray, 1831
1866	<i>Nycterops</i>	<i>Nycteris</i> G. Cuvier and E. Geoffroy, 1795
1866	<i>Nycterops pilosa</i>	<i>Nycteris hispida</i> (Schreber, 1774)
1866	<i>Pelatia</i>	<i>Nycteris</i> G. Cuvier and E. Geoffroy, 1795
1866	<i>Phyllotis</i>	<i>Rhinolophus</i> Lacépède, 1799
1866	<i>Pteropus livingstonii</i>	<i>Pteropus livingstonii</i> Gray, 1866
1866	<i>Rhinophylla</i>	<i>Hipposideros</i> Gray, 1831
1866	<i>Speorifera</i>	<i>Hipposideros</i> Gray, 1831
1866	<i>Scotophilus welwitschii</i>	<i>Myotis welwitschii</i> (Gray, 1866)
1866	<i>Epomophorina</i>	<i>PTEROPODINAE</i> Gray, 1821
1866	<i>Epomops</i>	<i>Epomops</i> Gray, 1866
1866	<i>Macroglossina</i>	<i>MACROGLOSSINAE</i> Gray, 1866
1866	<i>MACROGLOSSINAE</i>	<i>MACROGLOSSINAE</i> Gray, 1866
1866	<i>Nycteris baikii</i>	<i>Nycteris grandis</i> Peters, 1865
1866	<i>Rhinonycterina</i>	<i>HIPPOSIDERIDAE</i> Lydekker, 1891
1866	<i>Rhinonycteris</i>	<i>Hipposiderinae</i> Lydekker, 1891
1870	<i>Cynopterus collaris</i>	<i>Myonycteris (Myonycteris) torquata</i> (Dobson, 1878)
1870	<i>Eleutherura unicolor</i>	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)
1870	<i>Epomophorus macrocephalus</i> var.	<i>Epomophorus angolensis</i> Gray, 1870

1870	<i>angolensis</i>	
1870	<i>Epomophorus macrocephalus</i> var. <i>unicolor</i>	<i>Epomophorus wahlbergi</i> (Sundevall, 1846)
1870	<i>Pselaphon</i>	<i>Pteropus</i> Erxleben, 1777
1870	<i>Senonycteris</i>	<i>Rousettus</i> Gray, 1821
1871	<i>Stenonycteris</i>	<i>Rousettus</i> Gray, 1821
Grey		
1821	FRUCTIVORAE	PTEROPODIFORMI
1842	<i>Noctulinia</i>	<i>Nyctalus</i> Bowdich, 1825
Haeckel		
1866	<i>Nycterides</i>	VESPERTILIONIFORMI
1866	<i>Pterocynnes</i>	PTEROPODIFORMI
Hall		
1981	<i>Brachyotis</i>	<i>Myotis</i> Kaup, 1829
Hall and Kelson		
1959	<i>Amblyotis</i>	<i>Eptesicus</i> Rafinesque, 1820
1959	<i>Nyctiptennis</i>	<i>Eptesicus</i> Rafinesque, 1820
Hallowell		
1846	<i>Pteropus haldemani</i>	<i>Epomophorus wahlbergi</i> (Sundevall, 1846)
Hanák		
1964	<i>Pipistrellus savii</i> <i>sevii</i>	<i>Hypsugo savii</i> (Bonaparte, 1837)
Happold		
1987	<i>Epomophorus anurus</i>	<i>Epomophorus labiatus</i> (Temminck, 1837)
Happold et al		
1978	<i>Epomophorus gambianus</i>	<i>Epomophorus labiatus</i> (Temminck, 1837)
M. Happold		
2005	<i>Myotis dieteri</i>	<i>Myotis dieteri</i> M. Happold, 2005
Harrison		
1956	<i>Platymops barbatogularis</i>	<i>Platymops setiger macmillani</i> Thomas, 1906
1958	<i>Taphozous perforatus swirae</i>	<i>Taphozous perforatus perforatus</i> E. Geoffroy St.-Hilaire, 1818
1959	<i>Miniopterus minor griveaudi</i>	<i>Miniopterus manavi</i> Thomas, 1906
1962	<i>Taphozous sudani australis</i>	<i>Taphozous perforatus sudani</i> Thomas, 1915
1964	<i>Taphozous sudani rhodesiae</i>	<i>Taphozous perforatus sudani</i> Thomas, 1915
1975	<i>Tadarida (Chaerephon) gallagheri</i>	<i>Chaerephon gallagheri</i> (Harrison, 1975)
Harrison and Fleetwood		
1960	<i>Platymops barbatogularis parkeri</i>	<i>Platymops setiger macmillani</i> Thomas, 1906
Hartmann		
1868	<i>Nycteris geoffroyi</i> Var. <i>senegalensis</i>	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1868	<i>Rhinopoma sennarensis</i>	<i>Rhinopoma hardwickii</i> Gray, 1831
Hatt		
1928	<i>Chaerophon (Lophomops) nigri</i>	<i>Chaerephon leucogaster</i> (A. Grandidier, 1869)
Hayman		

1937	<i>R[hinopoma] cystops macinnesi</i>	<i>Rhinopoma macinnesi</i> Hayman, 1937
1938	<i>Chaerephon lancasteri</i>	<i>Chaerephon chapini</i> J.A. Allen, 1917
1939	<i>Glauconycteris superba</i>	<i>Glauconycteris superba</i> Hayman, 1939
1940	<i>Mops calabarensis</i>	<i>Mops (Xiphonycteris) nanulus</i> J.A. Allen, 1917
1946	<i>Scotonycteris ophiodon cansdalei</i>	<i>Scotonycteris ophiodon</i> Pohle, 1943
1947	<i>Scotonycteris zenkeri occidentalis</i>	<i>Scotonycteris zenkeri</i> Matschie, 1894
1947	<i>Glauconycteris superba sheila</i>	<i>Glauconycteris superba</i> Hayman, 1939
1947	<i>Hipposideros jonesi</i>	<i>Hipposideros jonesi</i> Hayman, 1947
1951	<i>Tadarida (Chaerephon) faini</i>	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)
1963	<i>Glauconycteris machadoi</i>	<i>Glauconycteris machadoi</i> Hayman, 1963
1963	<i>Micropteropus intermedius</i>	<i>Micropteropus intermedius</i> Hayman, 1963
1966	<i>Megaloglossus woermanni prigoginii</i>	<i>Megaloglossus woermanni</i> Pagenstecher, 1885

Hayman and Hill

1971	<i>Epomophorus gambianus</i>	<i>Epomophorus labiatus</i> (Temminck, 1837)
1971	<i>Pteropus livingstonei</i>	<i>Pteropus livingstonii</i> Gray, 1866

Hayman, Misonne and Verheyen

1966	<i>P[ipistrellus] inexpectatus</i>	<i>Pipistrellus inexpectatus</i> Aellen, 1959
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Heim de Balsac

1934	<i>Rhinolophus acrotis schwarzi</i>	<i>Rhinolophus clivus</i> Cretzschmar, 1828
1936	<i>P[ipistrellus] k[uhl]ii pallidus</i>	<i>Pipistrellus kuhlii</i> (Kuhl, 1817)

Heller

1912	<i>Miniopterus natalensis arenarius</i>	<i>Miniopterus natalensis</i> (A. Smith, 1833)
1912	<i>Pipistrellus aereo</i>	<i>Pipistrellus aereo</i> Heller, 1912
1912	<i>Pipistrellus helios</i>	<i>Neoromicia helios</i> (Heller, 1912)

Henry, Barrière, Gautier-Hion and Colyn

2004	<i>Micropteropus pusillus</i>	<i>Micropteropus pusillus</i> (Peters, 1868)
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Hermann

1804	<i>Vespertilio acetabulosus</i>	<i>Mormopterus acetabulosus</i> (Hermann, 1804)
1804	<i>Vespertilio acetabulosus</i>	<i>Mormopterus acetabulosus acetabulosus</i> (Hermann, 1804)
1804	<i>Vespertilio mauritanus</i>	<i>Pteropus niger</i> (Kerr, 1792)

Heuglin

1861	<i>Nycteris labiata</i>	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1861	<i>Nycticejus flavigaster</i>	<i>Scotophilus leucogaster</i> (Cretzschmar, 1826)
1861	<i>Nycticejus murino-flavus</i>	<i>Scotophilus leucogaster</i> (Cretzschmar, 1826)
1861	<i>Nyctinomus (Dysopes) ventralis</i>	<i>Tadarida ventralis</i> (Heuglin, 1861)
1861	<i>Nyctinomus bivittatus</i>	<i>Chaerephon bivittatus</i> (Heuglin, 1861)
1861	<i>Phyllorhina bicornis</i>	<i>Hipposideros caffer</i> (Sundevall, 1846)
1861	<i>Phyllorhina megalotis</i>	<i>Hipposideros megalotis</i> (Heuglin, 1861)
1861	<i>Rhinolophus acrotis</i>	<i>Rhinolophus clivus</i> Cretzschmar, 1828
1861	<i>Rhinolophus miminus</i>	<i>Rhinolophus hipposideros</i> (Bechstein, 1800)
1864	<i>Dysopes hepaticus</i>	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)
1864	<i>Epomophorus anurus</i>	<i>Epomophorus labiatus</i> (Temminck, 1837)
1865	<i>Pteropus palmarum</i>	<i>Eidolon helvum helvum</i> (Kerr, 1792)
1866	<i>Plecotus aethiopicus</i>	<i>Plecotus christii</i> Gray, 1838
1877	<i>Dysopes talpinus</i>	<i>Tadarida aegyptiaca aegyptiaca</i> (E. Geoffroy St.-Hilaire, 1818)
1877	<i>N[nycticejus] adovanus</i>	<i>Nycticeinops schlieffenii</i> (Peters, 1859)
1877	<i>Nycticejus eriophora</i>	<i>Kerivoula eriophora</i> (Heuglin, 1877)
1877	<i>Nycticejus serratus</i>	<i>Scotophilus leucogaster</i> (Cretzschmar, 1826)
1877	<i>Nycticejus serratus</i>	<i>Taphozous nudiventris</i> Cretzschmar, 1830
1877	<i>Rhinolophus macrocephalus</i>	<i>Rhinolophus fumigatus</i> Rüppell, 1842
1877	<i>Rhinopoma cordofanicum</i>	<i>Rhinopoma microphyllum</i> (Brünnich, 1782)
1877	<i>Rhinopoma senaarense, potius senarense</i>	<i>Rhinopoma hardwickii</i> Gray, 1831
1877	<i>Taphozous maritimus</i>	<i>Taphozous perforatus</i> E. Geoffroy St.-Hilaire, 1818
1877	<i>Vesperugo senarensis</i>	<i>Pipistrellus rueppellii rueppellii</i> (Fischer, 1829)

Heuglin and Fitzinger

1866	<i>Plecotus aethiopicus</i>	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
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1866	<i>Vesperugo hypoleucus</i>	<i>Pipistrellus rueppellii rueppellii</i> (Fischer, 1829)
1866	<i>Vesperugo sennaariensis</i>	<i>Pipistrellus rueppellii rueppellii</i> (Fischer, 1829)
Hewitt		
1913	<i>Rhinolophus swinnyi piriensis</i>	<i>Rhinolophus swinnyi</i> Gough, 1908
Hill		
1968	<i>Pipistrellus eisentrauti</i>	<i>Hypsugo eisentrauti</i> (Hill, 1968)
1971	<i>Myotis morrissi</i>	<i>Myotis morrissi</i> Hill, 1971
Hill and Harrison		
1987	<i>Nycticeinops</i>	<i>Nycticeinops</i> Hill & Harrison, 1987
Hill and Morris		
1971	<i>Epomophorus sp.</i>	<i>Epomophorus labiatus</i> (Temminck, 1837)
1971	<i>Rhinopoma hardwickei sennaarinense</i>	<i>Rhinopoma hardwickii</i> Gray, 1831
J.Eric Hill		
1937	<i>Eptesicus capensis angolensis</i>	<i>Neoromicia flavescens</i> (de Seabra, 1900)
1937	<i>Mops chitauensis</i>	<i>Mops (Mops) niveiventer</i> Cabrera and Ruxton, 1926
1942	<i>Rhinolophus ruwenzorii</i>	<i>Rhinolophus ruwenzorii</i> J. Eric Hill, 1942
Hinton		
1920	<i>Kerivoula lucia</i>	<i>Kerivoula lanosa</i> (A. Smith, 1847)
1920	<i>Mimetillus thomasi</i>	<i>Mimetillus thomasi</i> Hinton, 1920
Hollister		
1916	<i>Chaerephon pumilus naivashæ</i>	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)
1916	<i>Eptesicus ugandæ</i>	<i>Neoromicia somalicus</i> (Thomas, 1901)
1916	<i>Rhinolophus keniensis</i>	<i>Rhinolophus clivosus</i> Cretzschmar, 1828
Horáček and Hanák		
1985	<i>Rhineptesicus</i>	<i>Eptesicus</i> Rafinesque, 1820
Horáček, Hanák and Gaisler		
2000	<i>Otomops martiensseni madagascarensis</i>	<i>Otomops madagascariensis</i> Dorst, 1953
Horsfield		
1824	<i>Nyctinomus mauritanus</i>	<i>Mormopterus acetabulosus acetabulosus</i> (Hermann, 1804)
Hutcheon and Kirsch		
2004	PTEROPODIFORMES	PTEROPODIFORMI
2004	VESPERTILIONIFORMES	VESPERTILIONIFORMI
Illiger		
1815	<i>Pteropus collaris</i>	<i>Pteropus subniger</i> (Kerr, 1792)
Jameson		
1909	<i>Miniopterus breyeri</i>	<i>Miniopterus natalensis</i> (A. Smith, 1833)
Jeffrey		
1975	<i>Epomophorus gambianus</i>	<i>Epomophorus labiatus</i> (Temminck, 1837)
Jentink		
1879	<i>Nyctinomus bemmeleni</i>	<i>Chaerephon bemmeleni</i> (Jentink, 1879)

1879	<i>Taphozous dobsoni</i>	<i>Taphozous mauritanus</i> E. Geoffroy St.-Hilaire, 1818
1879	<i>Boneia</i>	<i>Rousettus</i> Gray, 1821
1881	<i>Leiponyx</i>	<i>Eidolon</i> Rafinesque, 1815
1881	<i>Leiponyx büttikoferi</i>	<i>Eidolon helvum helvum</i> (Kerr, 1792)
1888	<i>Epomophorus veldkampii</i>	<i>Nanonycteris veldkampii</i> (Jentink, 1888)
1888	<i>Vesperugo stampflii</i>	<i>Pipistrellus nanus</i> (Peters, 1852)
1910	<i>Chrysopteron</i>	<i>Myotis</i> Kaup, 1829

Jerdon

1877	<i>Taphozoinae</i>	<i>EMBALLONURIDAE</i> Gervais, 1855
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Juste and Ibáñez

1992	<i>occidentalis</i>	<i>Miniopterus minor</i> Peters, 1867
1993	<i>Phylletis</i>	<i>Myonycteris (Phygetis)</i> K. Andersen, 1912
1993	<i>Rousettus aegyptiacus tomensis</i>	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)
1993	<i>Rousettus aegyptiacus princeps</i>	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)
1993	<i>Tadarida (Chaerephon) tomensis</i>	<i>Chaerephon tomensis</i> (Juste and Ibáñez, 1993)

Juste, Ibáñez and Machordom

2000	<i>Eidolon helvum annobonensis</i>	<i>Eidolon helvum helvum</i> (Kerr, 1792)
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Kaup

1829	<i>Barbastellus</i>	<i>Barbastella</i> Gray, 1821
1829	<i>Cnephæus</i>	<i>Eptesicus</i> Rafinesque, 1820
1829	<i>Myotis</i>	<i>Myotis</i> Kaup, 1829
1829	<i>Nystactes</i>	<i>Myotis</i> Kaup, 1829
1829	<i>Pipistrellus</i>	<i>Pipistrellus</i> Kaup, 1829
1829	<i>Pterygistes</i>	<i>Nyctalus</i> Bowdich, 1825

Kerr

1792	<i>minor</i>	<i>Rhinolophus hipposideros</i> (Bechstein, 1800)
1792	<i>Vespertilio vampirus niger</i>	<i>Pteropus niger</i> (Kerr, 1792)
1792	<i>Vespertilio vampyrus helvus</i>	<i>Eidolon helvum helvum</i> (Kerr, 1792)
1792	<i>Vespertilio vampyrus helvus</i>	<i>Eidolon helvum</i> (Kerr, 1792)
1792	<i>Vespertilio vampyrus subniger</i>	<i>Pteropus subniger</i> (Kerr, 1792)
1792	<i>major</i>	<i>Rhinolophus ferrumequinum</i> (Schreber, 1774)

Kershaw

1922	<i>Kerivoula lueia</i>	<i>Kerivoula lanosa</i> (A. Smith, 1847)
1922	<i>Nycteris oriana</i>	<i>Nycteris macrotis</i> Dobson, 1876
1923	<i>Nycteris marica</i>	<i>Nycteris grandis</i> Peters, 1865

Keyserling and Blasius

1839	<i>Synotus</i>	<i>Barbastella</i> Gray, 1821
1839	<i>Vesperugo</i>	<i>Nyctalus</i> Bowdich, 1825
1839	<i>Vesperugo</i>	<i>Eptesicus</i> Rafinesque, 1820
1839	<i>Vesperugo</i>	<i>Pipistrellus</i> Kaup, 1829
1839	<i>Vesperus</i>	<i>Eptesicus</i> Rafinesque, 1820

Kirk

1865	<i>Nycticejus nidicola</i>	<i>Kerivoula argentata</i> Tomes, 1861
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Kishida and Mori

1931	<i>Tuitatus</i>	<i>Eptesicus</i> Rafinesque, 1820
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Kityo and Kerbis

1996	<i>Epomophorus anarus</i>	<i>Epomophorus labiatus</i> (Temminck, 1837)
1996	<i>Mops trevoli</i>	<i>Mops (Mops) trevoli</i> J.A. Allen, 1917

Koch

1860	<i>Phyllorrhina</i>	<i>HIPPOSIDERIDAE</i> Lydekker, 1891
1860	<i>Phyllorrhina</i>	<i>Hipposiderinae</i> Lydekker, 1891
Koch-Weser		
1984	<i>Epomophorus gambianus</i>	<i>Epomophorus labiatus</i> (Temminck, 1837)
Kock		
1969	<i>Micropteropus pusillus</i>	<i>Micropteropus intermedius</i> Hayman, 1963
1969	<i>Rhinopoma hardwickei sennaariense</i>	<i>Rhinopoma hardwickii</i> Gray, 1831
1969	<i>Rhinopoma microphyllum tropicalis</i>	<i>Rhinopoma microphyllum</i> (Brünnich, 1782)
1978	<i>Epomophorus gambianus</i>	<i>Epomophorus labiatus</i> (Temminck, 1837)
1978	<i>Rousettus (Rousettus) obliviosus</i>	<i>Rousettus obliviosus</i> Kock, 1978
2001	<i>Pipistrellus africanus meesteri</i>	<i>Pipistrellus nanus</i> (Peters, 1852)
Kock, Csorba and Howell		
2000	<i>Rhinolophus maendeleo</i>	<i>Rhinolophus maendeleo</i> Kock, Csorba and Howell, 2000
Kolenati		
1856	<i>Brachyotus</i>	<i>Myotis</i> Kaup, 1829
1856	<i>Cateorus</i>	<i>Eptesicus Rafinesque</i> , 1820
1856	<i>Hypsugo</i>	<i>Hypsugo</i> Kolenati, 1856
1856	<i>Isotus</i>	<i>Myotis</i> Kaup, 1829
1856	<i>Meteorus</i>	<i>Eptesicus Rafinesque</i> , 1820
1856	<i>Myotis</i>	<i>Myotis</i> Kaup, 1829
1856	<i>Nannugo</i>	<i>Pipistrellus</i> Kaup, 1829
1856	<i>Panugo</i>	<i>Nyctalus Bowdich</i> , 1825
1856	<i>Vesperus (Cateorus) Sorotinus</i>	<i>Eptesicus serotinus</i> (Schreber, 1774)
1858	<i>Amblyotus</i>	<i>Eptesicus Rafinesque</i> , 1820
1863	<i>Aristippe</i>	<i>Eptesicus Rafinesque</i> , 1820
Konstantinov, Pema, Labzin and Farafonova		
2000	<i>Epomops buettikoferi</i>	<i>Epomops buettikoferi</i> (Matschie, 1899)
2000	<i>Nanonycteris weldkampii</i>	<i>Nanonycteris veldkampii</i> (Jentink, 1888)
Koopman		
1975	<i>[Nycteris] gambianus</i>	<i>Nycteris gambiensis</i> (K. Andersen, 1912)
1975	<i>Epomophorus gambianus</i>	<i>Epomophorus labiatus</i> (Temminck, 1837)
1975	<i>Nycteris thebaica</i>	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1975	<i>Pterocyon palaceus</i>	<i>Eidolon helvum helvum</i> (Kerr, 1792)
1975	<i>Rhinopoma senaariense</i>	<i>Rhinopoma hardwickii</i> Gray, 1831
1989	<i>Rhinolophus hillorum</i>	<i>Rhinolophus hillorum</i> Koopman, 1989
1993	<i>angur</i>	<i>Rhinolophus clivus</i> Cretzschmar, 1828
1993	<i>Miniopterus minor grivaudi</i>	<i>Miniopterus manavi</i> Thomas, 1906
1993	<i>spillmani</i>	<i>Chaerephon nigeriae spillmanni</i> (Monard, 1933)
1993	<i>subtilis</i>	<i>Pipistrellus hesperidus subtilis</i> (Sundevall, 1846)
1993	<i>tunetae</i>	<i>Rhinolophus mehelyi</i> Matschie, 1901
Koopman and J.K. Jones Jr.		
1970	<i>Cynopterini</i>	<i>PTEROPODINAE</i> Gray, 1821
1970	<i>Dobsoniina</i>	<i>PTEROPODINAE</i> Gray, 1821
1970	<i>Rousettina</i>	<i>PTEROPODINAE</i> Gray, 1821
Koopman et al		
1978	<i>Epomophorus gambianus</i>	<i>Epomophorus labiatus</i> (Temminck, 1837)
Kruskop and Lavrenchenko		
2000	<i>Plecotus balensis</i>	<i>Plecotus balensis</i> Kruskop & Lavrenchenko, 2000
Kuhl		
1817	<i>Vespertilio Kuhlii</i>	<i>Pipistrellus kuhlii</i> (Kuhl, 1817)
1817	<i>Vespertilio Leisleri</i>	<i>Nyctalus leisleri</i> (Kuhl, 1817)
1817	<i>Vespertilio nattereri</i>	<i>Myotis nattereri</i> (Kuhl, 1817)

1817	<i>Vespertilio schreibersii</i>	<i>Miniopterus schreibersii</i> (Kuhl, 1817)
1819	<i>Vespertilio dasykarpos</i>	<i>Nyctalus leisleri</i> (Kuhl, 1817)
Lacépède		
1799	<i>Rhinolophus</i>	<i>Rhinolophus</i> Lacépède, 1799
1799	<i>Spectrum</i>	<i>Pteropus</i> Erxleben, 1777
Lampe		
1900	<i>Minneopterus</i>	<i>Miniopterus</i> Bonaparte, 1837
Largen, Kock and Yalden		
1974	<i>Epomophorus gambianus</i>	<i>Epomophorus labiatus</i> (Temminck, 1837)
1974	<i>Epomophorus labiatus labiatus</i>	<i>Epomophorus labiatus</i> (Temminck, 1837)
Lataste		
1887	<i>Vesperugo (Vesperus) innesi</i>	<i>Eptesicus bottae</i> (Peters, 1869)
Laurent		
1936	<i>Plecotus auritus saharae</i>	<i>Otonycteris hemprichii</i> Peters, 1859
1937	<i>Rhinolophus hipposideros vespa</i>	<i>Rhinolophus hipposideros</i> (Bechstein, 1800)
1937	<i>Asellia tridens pallida</i>	<i>Asellia tridens</i> (E. Geoffroy St.-Hilaire, 1813)
Leach		
1816	<i>Macrotus</i>	<i>Plecotus</i> E. Geoffroy St.-Hilaire, 1818
1816	<i>Phyllorhina</i>	<i>Rhinolophus</i> Lacépède, 1799
1821	<i>Scotophilus</i>	<i>Scotophilus</i> Leach, 1821
Leconte		
1857	<i>Vespertilio pusillus</i>	<i>Neoromicia "incertae-sedis"</i>
Legendre		
1984	<i>Cheiromelinae</i>	<i>Molossinae</i> Gervais, 1856
1984	<i>Tadarinae</i>	<i>Molossinae</i> Gervais, 1856
Lekagul and McNealey		
1977	<i>Petelia</i>	<i>Nycteris</i> G. Cuvier and E. Geoffroy, 1795
Leleup		
1956	<i>Micropterus grandis</i>	<i>Micropterus intermedius</i> Hayman, 1963
Lesson		
1827	<i>Vespertilio Schreibersii</i>	<i>Miniopterus schreibersii</i> (Kuhl, 1817)
1838	<i>Nyctinomus pusillus</i>	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)
1842	<i>Mops</i>	<i>Mops (Mops)</i> Lesson, 1842
1842	<i>Mops</i>	<i>Mops</i> Lesson, 1842
Lichtenstein		
1823	<i>Pteropus collaris</i>	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)
1823	<i>Rhinolophus capensis</i>	<i>Rhinolophus capensis</i> Lichtenstein, 1823
Loche		
1867	<i>Pipistrellus minuta</i>	<i>Pipistrellus kuhlii</i> (Kuhl, 1817)
1867	<i>Rhinolophus algirus</i>	<i>Rhinolophus euryale</i> Blasius, 1853
Lönnberg		
1908	<i>Rousettus sjöstedti</i>	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)

Lönnerberg and Gyldenstolpe

1925 *Nycteris proxima* *Nycteris grandis* Peters, 1865

Lydekker

1891 *Carponycteriinae* *MACROGLOSSINAE* Gray, 1866
 1891 *Hipposiderinae* *HIPPOSIDERIDAE* Lydekker, 1891
 1891 *Hipposiderinae* *Hipposiderinae* Lydekker, 1891
 1891 *Trygenycteris* *Megaloglossus* Pagenstecher, 1885

Madkour

1961 *Rhinopoma lardwickei cystops* *Rhinopoma hardwickii* Gray, 1831

Marshall et al

1982 *Epomophorus gambianus* *Epomophorus labiatus* (Temminck, 1837)

Martin

1838 *Rhinolophus landeri* *Rhinolophus landeri* Martin, 1838

Mason

1907 *Pteropus mascarinus* *Pteropus rodricensis* Dobson, 1878

Matschie

1894 *Scotonycteris* *Scotonycteris* Matschie, 1894
 1894 *Scotonycteris zenkeri* *Scotonycteris zenkeri* Matschie, 1894
 1895 *Myonycteris* *Myonycteris (Myonycteris)* Matschie, 1899
 1897 *Nyctinomus martiensseni* *Otomops martiensseni* (Matschie, 1897)
 1897 *Nyctinomus martiensseni* *Otomops martiensseni martiensseni* (Matschie, 1897)
 1899 *Ep[omophorus (Epomophorus)] büttikoferi* *Epomops buettikoferi* (Matschie, 1899)
 1899 *Ep[omophorus (Epomophorus)] doriae* *Epomophorus labiatus* (Temminck, 1837)
 1899 *Ep[omophorus (Epomophorus)] neumanni* *Epomophorus wahlbergi* (Sundevall, 1846)
 1899 *Ep[omophorus (Epomophorus)] stuhlmanni* *Epomophorus wahlbergi* (Sundevall, 1846)
 1899 *Ep[omophorus (Epomophorus)] zechi* *Epomophorus gambianus gambianus* (Ogilby, 1835)
 1899 *Ep[omophorus (Epomophorus)] zenkeri* *Epomophorus wahlbergi* (Sundevall, 1846)
 1899 *Hypsignathus haldemani* *Hypsignathus monstrosus* H. Allen, 1862
 1899 *Micropteropus* *Micropteropus* Matschie, 1899
 1899 *Myonycteris* *Myonycteris* Matschie, 1899
 1899 *Nanonycteris* *Nanonycteris* Matschie, 1899
 1899 *Sericonycteris* *Pteropus* Erxleben, 1777
 1899 *Vespertilio venustus* *Myotis welwitschii* (Gray, 1866)
 1901 *Euryalus* *Rhinolophus* Lacépède, 1799
 1901 *Rhinolophus mehelyi* *Rhinolophus mehelyi* Matschie, 1901
 1909 *Pteropus (Spectrum) voeltzkowi* *Pteropus voeltzkowi* Matschie, 1909

Meester, Rautenbach, Dippenaar and Baker

1986 *Epomophorus crypturus parvus* *Epomophorus gambianus crypturus* Peters, 1852

Menu

1987 *Nycterikaupius* *Neoromicia* Roberts, 1926
 1987 *Attalepharca* *Pipistrellus* Kaup, 1829
 1987 *Nycterikaupius* *Pipistrellus* Kaup, 1829

Merriam

1895 *Pteropus pteropus* *Pteropus niger* (Kerr, 1792)

Michahelles

1839 *pachygnathus* *Nyctalus leisleri* (Kuhl, 1817)

Miller

1900	<i>Pipistrellus minusculus</i>	<i>Pipistrellus nanus</i> (Peters, 1852)
1900	<i>Vespertilio tenuipennis</i>	<i>Neoromicia tenuipinnis</i> (Peters, 1872)
1905	<i>Lavia rex</i>	<i>Lavia frons</i> (E. Geoffroy St.-Hilaire, 1810)
1906	<i>Pizonyx</i>	<i>Myotis</i> Kaup, 1829
1906	<i>Rhinopterus</i>	<i>Eptesicus Rafinesque</i> , 1820
1907	<i>Rhinopomidae</i>	<i>RHINOPOMATIDAE</i> Dobson, 1872
1907	<i>Desmalopex</i>	<i>Pteropus</i> Erxleben, 1777
1907	<i>Diclidurinae</i>	<i>EMBALLONURIDAE</i> Gervais, 1855
1907	<i>Harpyionycterinae</i>	<i>PTEROPODINAE</i> Gray, 1821
1907	<i>Kerivoulinae</i>	<i>Kerivoulinae</i> Miller, 1907
1910	<i>Petaliidæ</i>	<i>NYCTERIDAE</i> Van der Hoeven, 1855

A. Milne-Edwards and A. Grandidier

1878	<i>Myzopoda</i>	<i>Myzopoda</i> Milne-Edwards and A. Grandidier, 1878
1878	<i>Myzopoda aurita</i>	<i>Myzopoda aurita</i> Milne-Edwards and A. Grandidier, 1878

A. Milne-Edwards

1877	<i>Pteropus seychellensis</i>	<i>Pteropus seychellensis</i> A. Milne-Edwards, 1877
1881	<i>Scotophilus robustus</i>	<i>Scotophilus robustus</i> A. Milne-Edwards, 1881
1881	<i>Triænops Humbloti</i>	<i>Triænops rufus</i> Milne-Edwards, 1881
1881	<i>Triænops rufus</i>	<i>Triænops rufus</i> Milne-Edwards, 1881
1881	<i>Vesperus humbloti</i>	<i>Neoromicia humbloti</i> (A. Milne-Edwards, 1881)

Mina-Palumbo

1868	<i>sicula</i>	<i>Nyctalus lasiopterus</i> (Schreber, 1780)
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Möhres and Kulzer

1956	<i>Rhinopoma hardwickei cystops</i>	<i>Rhinopoma hardwickii</i> Gray, 1831
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Monard

1933	<i>Mimetillus bernerii</i>	<i>Mimetillus thomasi</i> Hinton, 1920
1933	<i>Nyctinomus spillmanni</i>	<i>Chaerephon nigeriae spillmanni</i> (Monard, 1933)
1933	<i>Pipistrellus leucomelas</i>	<i>Pipistrellus rueppellii vernayi</i> Roberts, 1932
1935	<i>Laephotis angolensis</i>	<i>Laephotis angolensis</i> Monard, 1935
1935	<i>Scotozous trüppellii</i>	<i>Pipistrellus rueppellii</i> (Fischer, 1829)
1939	<i>Coleura kummeri</i>	<i>Coleura afra</i> (Peters, 1852)
1939	<i>Hipposideros braima</i>	<i>Hipposideros caffer</i> (Sundevall, 1846)
1939	<i>Hipposideros gigas viegasi</i>	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)
1939	<i>Mops osborni occidentalis</i>	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)
1939	<i>Mops osborni occidentalis f. fulva</i>	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)
1939	<i>Nycteris æthiopica guineensis</i>	<i>Nycteris macrotis</i> Dobson, 1876
1939	<i>Nycteris æthiopica guineensis f. aurantiaca</i>	<i>Nycteris macrotis</i> Dobson, 1876
1939	<i>Epomophorus gambianus</i>	<i>Epomophorus labiatus</i> (Temminck, 1837)

Monticelli

1885	<i>Taphozous perforatus var. assabensis</i>	<i>Taphozous nudiventris</i> Cretzschmar, 1830
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Müller

1858	<i>Nannugo Kolenatii</i>	<i>Pipistrellus "incertae-sedis"</i>
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Murray

1866	<i>ENTOMOPHAGA</i>	<i>VESPERTILIONIFORMI</i>
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A. Murray

1862	<i>Sphyrocephalus</i>	<i>Hypsignathus</i> H. Allen, 1862
1862	<i>Sphyrocephalus labrosus</i>	<i>Hypsignathus monstrosus</i> H. Allen, 1862
1862	<i>Zygaenocephalus</i>	<i>Hypsignathus</i> H. Allen, 1862
1862	<i>Zygaenocephalus labrosus</i>	<i>Hypsignathus monstrosus</i> H. Allen, 1862

Nehring

1886	<i>Vesperugo capensis?</i>	<i>Neoromicia capensis</i> (A. Smith, 1829)
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Noack

1887	<i>Phyllorhina commersonii</i> var. <i>marungensis</i>	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)
1887	<i>Scotophilus minimus</i>	<i>Nycticeinops schlieffenii</i> (Peters, 1859)
1889	<i>Chalinolobus congicus</i>	<i>Glauconycteris argentata</i> (Dobson, 1875)
1889	<i>Vesperugo pagenstecheri</i>	<i>Pipistrellus nanus</i> (Peters, 1852)
1889	<i>Vesperus damarensis</i>	<i>Neoromicia capensis</i> (A. Smith, 1829)
1889	<i>Vesperus pusillus</i>	<i>Pipistrellus nanus</i> (Peters, 1852)
1889	<i>Epomophorus pusillus</i>	<i>Micropteropus intermedius</i> Hayman, 1963
1889	<i>Vesperus tenuipennis</i>	<i>Neoromicia tenuipinnis</i> (Peters, 1872)
1893	<i>Phyllorhina rubra</i>	<i>Hipposideros ruber</i> (Noack, 1893)

Nowak

1995	<i>P[ipistrellus (Pipistrellus)] ruePELLI</i>	<i>Pipistrellus ruePELLII</i> (Fischer, 1829)
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Ogilby

1835	<i>Pteropus</i>	<i>Epomophorus</i> Bennett, 1836
1835	<i>Pteropus gambianus</i>	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)
1835	<i>Pteropus gambianus</i>	<i>Epomophorus gambianus</i> (Ogilby, 1835)
1835	<i>Pteropus macrocephalus</i>	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)
1835	<i>Epomophorus gambianus</i>	<i>Epomophorus gambianus</i> (Ogilby, 1835)
1835	<i>Epomophorus gambianus</i>	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)

Ohlendorf

1999	<i>Pipistrellus madarensis</i>	<i>Pipistrellus maderensis</i> (Dobson, 1878)
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Oken

1816	<i>Myopterus senegalensis</i>	<i>Myopterus daubentonii</i> Desmarest, 1820
1816	<i>Pteropus madagascariensis</i>	<i>Pteropus rufus</i> E. Geoffroy St.-Hilaire, 1803
1816	<i>Rhinopoma brevicaudatum</i>	<i>Rhinopoma hardwickii</i> Gray, 1831

Pagenstecher

1885	<i>Megaloglossus</i>	<i>Megaloglossus</i> Pagenstecher, 1885
1885	<i>Megaloglossus woermanni</i>	<i>Megaloglossus woermanni</i> Pagenstecher, 1885

Palmer

1898	<i>Kiodotinae</i>	<i>MACROGLOSSINAE</i> Gray, 1866
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Paniutina

2002	<i>Trienops</i>	<i>Triaenops</i> Dobson, 1871
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Pavlinov, Borissenko, Kruskop and Jahonton

1995	<i>Capaccinus</i>	<i>Myotis</i> Kaup, 1829
1995	<i>Dynops</i>	<i>Tadarida Rafinesque</i> , 1814
1995	<i>Exochirus</i>	<i>Myotis</i> Kaup, 1829
1995	<i>M[jiniopterus] schreibersi</i>	<i>Miniopterus schreibersi</i> (Kuhl, 1817)
1995	<i>Selisia</i>	<i>Myotis</i> Kaup, 1829
1995	<i>Tadaridinae</i>	<i>Molossinae</i> Gervais, 1856
1995	<i>tunetai</i>	<i>Rhinolophus mehelyi</i> Matschie, 1901

Pestano, Brown, Suárez, and Fajardo

2003	<i>H[ypsugo] savii darwini</i>	<i>Hypsugo savii</i> (Bonaparte, 1837)
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Peters

1852	<i>Cynonycteris</i>	<i>Rousettus</i> Gray, 1821
1852	<i>Dysopes brachypterus</i>	<i>Mops (Xiphonycteris) brachypterus</i> (Peters, 1852)
1852	<i>Dysopes dubius</i>	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)
1852	<i>Dysopes limbatus</i>	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)
1852	<i>Emballonura afra</i>	<i>Coleura afra</i> (Peters, 1852)
1852	<i>Epomophorus crypturus</i>	<i>Epomophorus gambianus crypturus</i> Peters, 1852
1852	<i>Nycteris fuliginosa</i>	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1852	<i>Nycteris villosa</i>	<i>Nycteris hispida</i> (Schreber, 1774)

1852	<i>Nycticejus planirostris</i>	<i>Scotophilus dinganii</i> (A. Smith, 1833)
1852	<i>Nycticejus viridis</i>	<i>Scotophilus viridis</i> (Peters, 1852)
1852	<i>Phyllorhina caffra</i>	<i>Hipposideros caffer</i> (Sundevall, 1846)
1852	<i>Phyllorhina vittata</i>	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)
1852	<i>Phyllorhina gracilis</i>	<i>Hipposideros caffer</i> (Sundevall, 1846)
1852	<i>Rhinolophus lobatus</i>	<i>Rhinolophus landeri</i> Martin, 1838
1852	<i>Vespertilio macuanus</i>	<i>Nyctalus noctula</i> (Schreber, 1774)
1852	<i>Vespertilio nanus</i>	<i>Pipistrellus nanus</i> (Peters, 1852)
1859	<i>Nycticejus schlieffenii</i>	<i>Nycticeinops schlieffenii</i> (Peters, 1859)
1859	<i>Otonycteris</i>	<i>Otonycteris</i> Peters, 1859
1859	<i>Otonycteris hemprichii</i>	<i>Otonycteris hemprichii</i> Peters, 1859
1859	<i>Rhinopoma lepsianum</i>	<i>Rhinopoma microphyllum</i> (Brünnich, 1782)
1861	<i>Pterocyon</i>	<i>Eidolon Rafinesque</i> , 1815
1861	<i>Pterocyon paleaceus</i>	<i>Eidolon helvum helvum</i> (Kerr, 1792)
1865	<i>Nyctinomus (Mormopterus) jugularis</i>	<i>Mormopterus jugularis</i> (Peters, 1865)
1865	<i>Brachyura</i>	<i>EMBALLONURIDAE</i> Gervais, 1855
1865	<i>Mormopterus</i>	<i>Mormopterus</i> Peters, 1865
1865	<i>Nycteris grandis</i>	<i>Nycteris grandis</i> Peters, 1865
1865	<i>Nyctophilinae</i>	<i>Vespertilioninae</i> Gray, 1821
1867	<i>Cœloephyllus</i>	<i>Rhinolophus Lacépède</i> , 1799
1868	<i>Alobus</i>	<i>Pipistrellus</i> Kaup, 1829
1867	<i>Coleura</i>	<i>Coleura</i> Peters, 1867
1867	<i>Miniopterus minor</i>	<i>Miniopterus minor</i> Peters, 1867
1867	<i>Pternopterus</i>	<i>Myotis</i> Kaup, 1829
1867	<i>Rhinolophus blasii</i>	<i>Rhinolophus blasii</i> Peters, 1867
1867	<i>Rhinolophus deckenii</i>	<i>Rhinolophus deckenii</i> Peters, 1867
1868	<i>Epomophorus pusillus</i>	<i>Micropterus pusillus</i> (Peters, 1868)
1868	<i>Vesperus (Hesperoptenus) kraussii</i>	<i>Glauconycteris poensis</i> (Gray, 1842)
1868	<i>Coleura seychellensis</i>	<i>Coleura seychellensis</i> Peters, 1868
1869	<i>Rhinolophus æthiops</i>	<i>Rhinolophus fumigatus</i> Rüppell, 1842
1869	<i>Vesperus bottae</i>	<i>Eptesicus bottae</i> (Peters, 1869)
1870	<i>Nyctinomus angolensis</i>	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)
1870	<i>Vespertilio Bocagii</i>	<i>Myotis bocagii</i> (Peters, 1870)
1870	<i>Vespertilio Bocagii</i>	<i>Myotis bocagii bocagii</i> (Peters, 1870)
1870	<i>Vesperugo pusillulus</i>	<i>Pipistrellus nanus</i> (Peters, 1852)
1871	<i>Cyclorhina</i>	<i>Hipposideros</i> Gray, 1831
1871	<i>Doryrhina</i>	<i>Hipposideros</i> Gray, 1831
1871	<i>Nycteris angolensis</i>	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1871	<i>Nycteris damarensis</i>	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1871	<i>Ptychorhina</i>	<i>Hipposideros</i> Gray, 1831
1871	<i>Sideroderma</i>	<i>Hipposideros</i> Gray, 1831
1871	<i>Sybdesmotus</i>	<i>Hipposideros</i> Gray, 1831
1871	<i>Syndesmotis</i>	<i>Hipposideros</i> Gray, 1831
1871	<i>Thyreorhina</i>	<i>Hipposideros</i> Gray, 1831
1872	<i>Megaderma cor</i>	<i>Cardioderma cor</i> (Peters, 1872)
1872	<i>Vesperus tenuipinnis</i>	<i>Neoromicia tenuipinnis</i> (Peters, 1872)
1873	<i>Cardioderma</i>	<i>Cardioderma</i> Peters, 1873
1874	<i>Emballonura atrata</i>	<i>Emballonura atrata</i> Peters, 1874
1876	<i>Epomophorus macrocephalus</i>	<i>Hypsignathus monstrosus</i> H. Allen, 1862
1877	<i>Triænopis afer</i>	<i>Triænopis persicus</i> Dobson, 1871
1878	<i>Mormopterus setiger</i>	<i>Platymops setiger</i> (Peters, 1878)
1878	<i>Mormopterus setiger</i>	<i>Platymops setiger setiger</i> (Peters, 1878)
1878	<i>Rhinolophus hildebrandtii</i>	<i>Rhinolophus hildebrandtii</i> Peters, 1878

Peterson

1982	<i>Glauconycteris kenyacola</i>	<i>Glauconycteris kenyacola</i> Peterson, 1982
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Peterson and Smith

1973	<i>Glauconycteris gleni</i>	<i>Glauconycteris gleni</i> Peterson and Smith, 1973
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Peterson, Eger and Mitchell

1995	<i>Eptesicus somalicus malagasyensis</i>	<i>Neoromicia malagasyensis</i> (Peterson, Eger and Mitchell, 1995)
1995	<i>Miniopterus gleni</i>	<i>Miniopterus gleni</i> Peterson, Eger and Mitchell, 1995
1995	<i>Scabifer</i>	<i>Neoromicia</i> Roberts, 1926

Poche

1975	<i>Epomophorus gambianus</i>	<i>Epomophorus labiatus</i> (Temminck, 1837)
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Pohle

1943	<i>Scotonycteris ophiodon</i>	<i>Scotonycteris ophiodon</i> Pohle, 1943
Pousargues		
1897	<i>Rhinolophus Maclaudi</i>	<i>Rhinolophus maclaudi</i> Pousargues, 1897
Qui, Han, Qi and Yufen		
2000	<i>Pipistrellis</i>	<i>Pipistrellus</i> Kaup, 1829
Qumsiyeh		
1985	<i>R[hinopoma] h[ardwickiei] sinaariense</i>	<i>Rhinopoma hardwickii</i> Gray, 1831
1985	<i>rueppellii</i>	<i>Tadarida teniotis</i> (Rafinesque, 1814)
1985	<i>Vespertilio barbestellus</i>	<i>Barbastella barbastellus</i> (Schreber, 1774)
Rafinesque		
1814	<i>Cephalotes teniotis</i>	<i>Tadarida teniotis</i> (Rafinesque, 1814)
1814	<i>Tadarida</i>	<i>Tadarida</i> Rafinesque, 1814
1815	<i>Eidolon</i>	<i>Eidolon</i> Rafinesque, 1815
1815	<i>Vespertilia</i>	<i>VESPERTILIONIDAE</i> Gray, 1821
1820	<i>Eptesicus</i>	<i>Eptesicus</i> Rafinesque, 1820
Rautenbach and Fenton		
1992	<i>Eptesicus rendallii</i>	<i>Neoromicia rendallii</i> (Thomas, 1889)
Robbins		
1980	<i>Epomophorus gambianus</i>	<i>Epomophorus labiatus</i> (Temminck, 1837)
1984	<i>Scotophilus nucella</i>	<i>Scotophilus nucella</i> Robbins, 1984
Roberts		
1913	<i>Pipistrellus nanus australis</i>	<i>Pipistrellus nanus</i> (Peters, 1852)
1917	<i>Cloëotis percivali australis</i>	<i>Cloeotis percivali</i> Thomas, 1901
1917	<i>Platymops</i>	<i>Sauromys</i> Roberts, 1917
1917	<i>Platymops (Sauromys) haagneri</i>	<i>Sauromys petrophilus haagneri</i> (Roberts, 1917)
1917	<i>Platymops (Sauromys) petrophilus</i>	<i>Sauromys petrophilus</i> (Roberts, 1917)
1917	<i>Platymops (Sauromys) petrophilus</i>	<i>Sauromys petrophilus petrophilus</i> (Roberts, 1917)
1917	<i>Sauromys</i>	<i>Sauromys</i> Roberts, 1917
1919	<i>Cistugo lesueuri</i>	<i>Cistugo lesueuri</i> Roberts, 1919
1919	<i>Eptesicus melckorum</i>	<i>Neoromicia melckorum</i> (Roberts, 1919)
1924	<i>Eptesicus zuluensis</i>	<i>Neoromicia zuluensis</i> (Roberts, 1924)
1924	<i>Kerivoula nidicola zuluensis</i>	<i>Kerivoula argentata</i> Tomes, 1861
1924	<i>Rhinolophus darlingi barbertonensis</i>	<i>Rhinolophus darlingi</i> K. Andersen, 1905
1926	<i>Chaerephon pumilus elphicki</i>	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)
1926	<i>Eptesicops</i>	<i>Pipistrellus</i> Kaup, 1829
1926	<i>Neoromicia</i>	<i>Neoromicia</i> Roberts, 1926
1932	<i>Chaerephon (Lophomops) langi</i>	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)
1932	<i>Eptesicus capensis nkatiensis</i>	<i>Neoromicia capensis</i> (A. Smith, 1829)
1932	<i>Neoromicia vansoni</i>	<i>Neoromicia zuluensis</i> (Roberts, 1924)
1932	<i>Pipistrellus vernayi</i>	<i>Pipistrellus rueppellii vernayi</i> Roberts, 1932
1932	<i>Scoteinus schlieffenii fitzsimonsi</i>	<i>Nycticeinops schlieffenii</i> (Peters, 1859)
1946	<i>Eptesicus hottentotus bensoni</i>	<i>Eptesicus hottentotus</i> (A. Smith, 1833)
1946	<i>Nycteris woodi sabiensis</i>	<i>Nycteris woodi</i> K. Andersen, 1914
1946	<i>Nyctinomus mastersoni</i>	<i>Tadarida fulminans</i> (Thomas, 1903)
1946	<i>Nyctinomus rhodesiae</i>	<i>Chaerephon ansorgei</i> (Thomas, 1913)
1946	<i>Platymops petrophilus erongensis</i>	<i>Sauromys petrophilus erongensis</i> (Roberts, 1946)
1946	<i>Platymops petrophilus fitzsimonsi</i>	<i>Sauromys petrophilus umbratus</i> (Shortridge & Carter, 1938)
1946	<i>Rhinolophus darlingi damarensis</i>	<i>Rhinolophus darlingi</i> K. Andersen, 1905
1946	<i>Rhinolophus swinyi rhodesiae</i>	<i>Rhinolophus swinyi</i> Gough, 1908
1946	<i>Scotophilus nigrata pondoensis</i>	<i>Scotophilus dinganii</i> (A. Smith, 1833)
1946	<i>Vansonia</i>	<i>Pipistrellus</i> Kaup, 1829
1948	<i>Pipistrellus (Romicia) kuhlii broomi</i>	<i>Pipistrellus hesperidus broomi</i> Roberts, 1948
1951	<i>Scotophilus welwetschii</i>	<i>Myotis welwetschii</i> (Gray, 1866)
1951	<i>Vespertilio epichrysurus</i>	<i>Scotophilus dinganii</i> (A. Smith, 1833)

Robin

- 1881 *Harpyiinae* *PTEROPODINAE* Gray, 1821
 1881 *Nycteris Revouillii* *Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
- Rosevear
- 1965 *Epomophorus anurus* *Epomophorus labiatus* (Temminck, 1837)
 1965 *Epomophorus gambianus* *Epomophorus labiatus* (Temminck, 1837)
 1965 *Hipposideros braimah* *Hipposideros caffer* (Sundevall, 1846)
- Rousselot
- 1950 *Epomophorus gambianus* *Epomophorus labiatus* (Temminck, 1837)
- Rüppell
- 1842 *Nicticejus* *Scotophilus* Leach, 1821
 1842 *Pteropus schoënsis* *Epomophorus labiatus* (Temminck, 1837)
 1842 *Rhinolophus fumigatus* *Rhinolophus fumigatus* Rüppell, 1842
 1842 *Vespertilio Pipistrellus varietas africana* *Pipistrellus nanus* (Peters, 1852)
- Salleh, Hang, Rahman and Abdulla
- 1999 *Pipistallus* *Pipistrellus* Kaup, 1829
- Sanborn
- 1936 *Miniopterus africanus* *Miniopterus africanus* Sanborn, 1936
 1936 *Miniopterus rufus* *Miniopterus inflatus rufus* Sanborn, 1936
 1936 *Mops angolensis wonderi* *Mops (Mops) condylurus* (A. Smith, 1833)
 1936 *Rhinolophus alcyone alticolus* *Rhinolophus simulator* K. Andersen, 1904
 1939 *Rhinolophus aethiops diversus* *Rhinolophus fumigatus* Rüppell, 1842
 1950 *Micropteropus grandis* *Epomophorus grandis* (Sanborn, 1950)
- Sanderson
- 1937 *Hipposideros sandersoni* *Hipposideros curtus* G.M. Allen, 1921
 1940 *Mops nannulus* *Mops (Xiphonycteris) nanulus* J.A. Allen, 1917
- Savi
- 1825 *Dinops* *Tadarida* Rafinesque, 1814
 1825 *Dinops Cestonii* *Tadarida teniotis* (Rafinesque, 1814)
- Scharff
- 1900 *Mormopterus Whitleyi* *Myopterus whitleyi* (Scharff, 1900)
- Schinz
- 1840 *Dysopes Savii* *Tadarida teniotis* (Rafinesque, 1814)
- Schlegel
- 1867 *Pteropus dupréanus* *Eidolon dupreanum* (Schegel, 1867)
- Schlitter and Aggundey
- 1986 *Eptesicus hottentotus portavernus* *Eptesicus hottentotus* (A. Smith, 1833)
 1986 *Eptesicus hottentotus protavernus* *Eptesicus hottentotus* (A. Smith, 1833)
- Schlitter et al.
- 1982 *Epomophorus gambianus* *Epomophorus labiatus* (Temminck, 1837)
- Schreber
- 1774 *murinus* *Myotis myotis* (Borkhausen, 1797)
 1774 *Vespertilio barbastellus* *Barbastella barbastellus* (Schreber, 1774)
 1774 *Vespertilio ferrum-equinum* *Rhinolophus ferrumequinum* (Schreber, 1774)
 1774 *Vespertilio hispidus* *Nycteris hispida* (Schreber, 1774)

1774	<i>Vespertilio Nigrita</i>	<i>Scotophilus nigrita</i> (Schreber, 1774)
1774	<i>Vespertilio noctula</i>	<i>Nyctalus noctula</i> (Schreber, 1774)
1774	<i>Vespertilio pipistrellus</i>	<i>Pipistrellus pipistrellus</i> (Schreber, 1774)
1774	<i>Vespertilio serotinus</i>	<i>Eptesicus serotinus</i> (Schreber, 1774)
1780	<i>Vespertilio lasiopterus</i>	<i>Nyctalus lasiopterus</i> (Schreber, 1780)
Schulze		
1893	<i>Nycteridae</i>	<i>VESPERTILIONIDAE</i> Gray, 1821
1897	<i>midas</i>	<i>Tadarida teniotis</i> (Rafinesque, 1814)
Schwann		
1905	<i>Scotophilus schliefferri</i>	<i>Nycticeinops schlieffenii</i> (Peters, 1859)
Schwarz		
1915	<i>Epomophorus gambianus</i>	<i>Epomophorus labiatus</i> (Temminck, 1837)
Seabra		
1898	<i>brachycephalus</i>	<i>Myonycteris (Phygetis) brachycephala</i> (Bocage, 1889)
1898	<i>Phyllorhina angolensis</i>	<i>Hipposideros caffer</i> (Sundevall, 1846)
1898	<i>Rhinolophus angolensis</i>	<i>Rhinolophus landeri</i> Martin, 1838
1900	<i>Nyctinomus anchietae</i>	<i>Tadarida aegyptiaca bocagei</i> (Seabra, 1900)
1900	<i>Nyctinomus bocagei</i>	<i>Tadarida aegyptiaca bocagei</i> (Seabra, 1900)
1900	<i>Nyctinomus brunneus</i>	<i>Tadarida aegyptiaca bocagei</i> (Seabra, 1900)
1900	<i>Taphozous maritimus</i> var. <i>cinerascens</i>	<i>Taphozous mauritanus</i> E. Geoffroy St.-Hilaire, 1818
1900	<i>Nycteris thebaica fuliginosa</i>	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
Senna		
1905	<i>Rhinolophus andreinii</i>	<i>Rhinolophus blasii</i> Peters, 1867
1914	<i>Rhinolophus bembanicus</i>	<i>Rhinolophus simulator</i> K. Andersen, 1904
Setzer		
1971	<i>Laephotis botswanae</i>	<i>Laephotis botswanae</i> Setzer, 1971
1971	<i>Laephotis namibensis</i>	<i>Laephotis namibensis</i> Setzer, 1971
Sheshurak and Kedrov		
2002	<i>Nyctalis</i>	<i>Nyctalus</i> Bowdich, 1825
Shortridge		
1942	<i>Eptesicus megalurus pallidior</i>	<i>Eptesicus hottentotus</i> (A. Smith, 1833)
Shortridge and Carter		
1938	<i>Platymops haagneri umbratus</i>	<i>Sauromys petrophilus umbratus</i> (Shortridge & Carter, 1938)
1938	<i>Scotophilus angusticeps</i>	<i>Eptesicus hottentotus</i> (A. Smith, 1833)
Simmons		
1998	<i>Molossoidea</i>	<i>MOLOSSOIDEA</i> Simmons, 1998
1998	<i>Myotiinae</i>	<i>Myotiinae</i> Tate, 1942
A. Smith		
1829	<i>Nycteris affinis</i>	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1829	<i>Nycteris capensis</i>	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1829	<i>Pteropus Leachii</i>	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)
1829	<i>Rhinolophus geoffroyii</i>	<i>Rhinolophus clivus</i> Cretzschmar, 1828
1829	<i>Vespertilio capensis</i>	<i>Neoromicia capensis</i> (A. Smith, 1829)
1833	<i>Nyctinomus condylurus</i>	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)
1833	<i>Nyctinomus dubius</i>	<i>Mormopterus acetabulosus natalensis</i> (A. Smith, 1847)
1833	<i>Vespertilio dinganii</i>	<i>Scotophilus dinganii</i> (A. Smith, 1833)
1833	<i>Vespertilio hottentota</i>	<i>Eptesicus hottentotus</i> (A. Smith, 1833)
1833	<i>Vespertilio natalensis</i>	<i>Miniopterus natalensis</i> (A. Smith, 1833)

1834	<i>Vespertilio goudoti</i>	<i>Myotis goudoti</i> (A. Smith, 1834)
1847	<i>Dysopes natalensis</i>	<i>Mormopterus acetabulosus natalensis</i> (A. Smith, 1847)
1847	<i>Vespertilio lanosus</i>	<i>Kerivoula lanosa</i> (A. Smith, 1847)
1849	<i>Vespertilio minutus</i>	<i>Eptesicus hottentotus</i> (A. Smith, 1833)

H. Smith

1842	<i>Harpyidae</i>	<i>PTEROPODIDAE</i> Bonaparte, 1838
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Spiewak, Johansson and Wüthrich

1996	<i>Myotiz</i>	<i>Myotis</i> Kaup, 1829
1996	<i>Myotiz myotiz</i>	<i>Myotis myotis</i> (Borkhausen, 1797)

Springer, Teeling, Madsen, Stanhope, and De Jong

2001	<i>YANGOCHIROPTERA</i>	<i>VESPERTILIONIFORMI</i>
2001	<i>YINPTEROCHIROPTERA</i>	<i>PTEROPODIFORMI</i>
2001	<i>YINPTEROCHIROPTERA</i>	<i>VESPERTILIONIFORMI</i>

Stresemann

1954	<i>Vespertilio brevicauda</i>	<i>Rhinopoma hardwickii</i> Gray, 1831
1954	<i>Vespertilio ferox</i>	<i>Rhinopoma hardwickii</i> Gray, 1831

Struebig, Rossiter, Bates, Kingston, Sai Sein Lin Oo, Aye Aye Nwe, Moe Moe Aung, Sein Sein Win and Khin Mya Mya

2005	<i>Keivoula</i>	<i>Kerivoula</i> Gray, 1842
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Sundevall

1843	<i>Dysopes midas</i>	<i>Mops (Mops) midas midas</i> (Sundevall, 1843)
1843	<i>Dysopes midas</i>	<i>Mops (Mops) midas</i> (Sundevall, 1843)
1846	<i>Pteropus Wahlbergi</i>	<i>Epomophorus wahlbergi</i> (Sundevall, 1846)
1846	<i>Rhinolophus caffer</i>	<i>Hipposideros caffer</i> (Sundevall, 1846)
1846	<i>Vespertilio scotinus</i>	<i>Miniopterus natalensis</i> (A. Smith, 1833)
1846	<i>Vespertilio subtilis</i>	<i>Pipistrellus hesperidus subtilis</i> (Sundevall, 1846)
1860	<i>Rhinolophus auritus</i>	<i>Rhinolophus capensis</i> Lichtenstein, 1823

Swainson

1835	<i>Pteropus megacephalus</i>	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)
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Tate

1941	<i>Coelopsinae</i>	<i>Hipposiderinae</i> Lydekker, 1891
1941	<i>Coelopsinae</i>	<i>HIPPOSIDERIDAE</i> Lydekker, 1891
1941	<i>Myotini</i>	<i>VESPERTILIONIDAE</i> Gray, 1821
1942	<i>Myotinae</i>	<i>Myotinae</i> Tate, 1942

Teeling, Springer, Madsen, Bates, O'Brien, and Murphy

2005	<i>EMBALLONUROIDEA</i>	<i>NYCTEROIDEA</i>
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Temminck

1825	<i>Pteropus geoffroyi</i>	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)
1825	<i>Pteropus phaiops</i>	<i>Pteropus rufus</i> E. Geoffroy St.-Hilaire, 1803
1827	<i>Dysopes geoffroyi</i>	<i>Tadarida aegyptiaca aegyptiaca</i> (E. Geoffroy St.-Hilaire, 1818)
1827	<i>Dysopes rüpelii</i>	<i>Tadarida teniotis</i> (Rafinesque, 1814)
1827	<i>Pteropus amphiplexicaudatus</i>	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)
1832	<i>Pteropus hottentottus</i>	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)
1832	<i>Vespertilio epichrysus</i>	<i>Scotophilus dinganii</i> (A. Smith, 1833)
1832	<i>Vespertilio platycephalus</i>	<i>Pipistrellus hesperidus</i> (Temminck, 1840)
1832	<i>Vespertilio tricolor</i>	<i>Myotis tricolor</i> (Temminck, 1832)
1835	<i>Taphozous leucopterus</i>	<i>Taphozous mauritianus</i> E. Geoffroy St.-Hilaire, 1818
1837	<i>Pteropus labiatus</i>	<i>Epomophorus labiatus</i> (Temminck, 1837)
1837	<i>vulgaris</i>	<i>Pteropus subniger</i> (Kerr, 1792)
1838	<i>Emballonura</i>	<i>Emballonura</i> Temminck, 1838
1838	<i>Saccolaimus</i>	<i>Saccolaimus</i> Temminck, 1838

1840	<i>Vespertilio dasythrix</i>	<i>Miniopterus natalensis</i> (A. Smith, 1833)
1840	<i>Vespertilio hesperida</i>	<i>Pipistrellus hesperidus hesperidus</i> (Temminck, 1840)
1840	<i>Vespertilio hesperida</i>	<i>Pipistrellus hesperidus</i> (Temminck, 1840)
1840	<i>Vespertilio minuta</i>	<i>Neoromicia capensis</i> (A. Smith, 1829)
1840	<i>Vespertilio isabellinus</i>	<i>Eptesicus serotinus</i> (Schreber, 1774)
1840	<i>Vespertilio megalurus</i>	<i>Eptesicus hottentotus</i> (A. Smith, 1833)
1853	<i>Pachysoma</i>	<i>Epomophorus</i> Bennett, 1836
1853	<i>Phyllorrhina cyclops</i>	<i>Hipposideros cyclops</i> (Temminck, 1853)
1853	<i>Phyllorrhina fuliginosa</i>	<i>Hipposideros fuliginosus</i> (Temminck, 1853)
1853	<i>Rhinolophus alcyone</i>	<i>Rhinolophus alcyone</i> Temminck, 1853
1853	<i>Taphozous peli</i>	<i>Saccolaimus peli</i> (Temminck, 1853)

Theodor

1956	<i>Ephesicus</i>	<i>Neoromicia</i> Roberts, 1926
1956	<i>Ephesicus tenuipinnis</i>	<i>Neoromicia tenuipinnis</i> (Peters, 1872)

Thomas

1880	<i>Kerivoula Smithii</i>	<i>Kerivoula smithii</i> Thomas, 1880
1880	<i>Vesperugo (Vesperus) brunneus</i>	<i>Neoromicia brunneus</i> (Thomas, 1880)
1889	<i>Vesperugo (Vesperus) Rendalli</i>	<i>Neoromicia rendalli</i> (Thomas, 1889)
1890	<i>Scotophilus albobfuscus</i>	<i>Scotoecus albobfuscus</i> (Thomas, 1890)
1891	<i>Nyctinomus lobatus</i>	<i>Tadarida lobata</i> (Thomas, 1891)
1891	<i>Vesperugo (Vesperus) moloneyi</i>	<i>Mimetillus moloneyi</i> (Thomas, 1891)
1891	<i>N(yctinomus) taeniotis</i>	<i>Tadarida ventralis</i> (Heuglin, 1861)
1891	<i>Nyctinomus taeniotis</i>	<i>Tadarida teniotis</i> (Rafinesque, 1814)
1901	<i>Scotoecus</i>	<i>Scotoecus</i> Thomas, 1901
1901	<i>Scotoecus hindei</i>	<i>Scotoecus hindei</i> Thomas, 1901
1901	<i>Kerivoula harrisoni</i>	<i>Kerivoula lanosa</i> (A. Smith, 1847)
1901	<i>Læphotis</i>	<i>Læphotis</i> Thomas, 1901
1901	<i>Læphotis Wintoni</i>	<i>Læphotis wintoni</i> Thomas, 1901
1901	<i>Clæotis</i>	<i>Cloeotis</i> Thomas, 1901
1901	<i>Clæotis Percivali</i>	<i>Cloeotis percivali</i> Thomas, 1901
1901	<i>Nycteris aethiopica luteola</i>	<i>Nycteris macrotis</i> Dobson, 1876
1901	<i>Pipistrellus Kuhlii fuscatus</i>	<i>Pipistrellus hesperidus hesperidus</i> (Temminck, 1840)
1901	<i>Pterygistes azureum</i>	<i>Nyctalus azureum</i> (Thomas, 1901)
1901	<i>Vespertilio minutus somalicus</i>	<i>Neoromicia somalicus</i> (Thomas, 1901)
1901	<i>Vespertilio platyops</i>	<i>Eptesicus platyops</i> (Thomas, 1901)
1901	<i>Glauconycteris beatrix</i>	<i>Glauconycteris beatrix</i> Thomas, 1901
1902	<i>Pipistrellus deserti</i>	<i>Pipistrellus deserti</i> Thomas, 1902
1903	<i>Rhinopoma cystops</i>	<i>Rhinopoma hardwickii</i> Gray, 1831
1903	<i>Rhinopoma hardwickei</i>	<i>Rhinopoma hardwickii</i> Gray, 1831
1903	<i>Nyctinomus cisturus</i>	<i>Chaerephon bemmeli</i> (Jentink, 1879)
1903	<i>Nyctinomus demonstrator</i>	<i>Mops (Mops) demonstrator</i> (Thomas, 1903)
1903	<i>Nyctinomus fulminans</i>	<i>Tadarida fulminans</i> (Thomas, 1903)
1903	<i>Miniopterus inflatus</i>	<i>Miniopterus inflatus inflatus</i> Thomas, 1903
1903	<i>Miniopterus inflatus</i>	<i>Miniopterus inflatus</i> Thomas, 1903
1903	<i>Nycteris arge</i>	<i>Nycteris arge</i> Thomas, 1903
1903	<i>Nyctinomus thersites</i>	<i>Mops (Xiphonycteris) thersites</i> (Thomas, 1903)
1904	<i>Myotis Hildegardeæ</i>	<i>Myotis bocagii bocagii</i> (Peters, 1870)
1904	<i>Nyctinomus hindei</i>	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)
1904	<i>Pipistrellus crassulus</i>	<i>Hypsugo crassulus</i> (Thomas, 1904)
1904	<i>Scotophilus nigrata colias</i>	<i>Scotophilus dinganii</i> (A. Smith, 1833)
1904	<i>Scotophilus nigrata nux</i>	<i>Scotophilus nux</i> Thomas, 1904
1904	<i>Scotonycteris bedfordi</i>	<i>Scotonycteris zenkeri</i> Matschie, 1894
1904	<i>Hipposideros Commersoni mostellum</i>	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)
1904	<i>Rhinolophus Denti</i>	<i>Rhinolophus denti</i> Thomas, 1904
1904	<i>Myotis Bocagei cupreolus</i>	<i>Myotis bocagii cupreolus</i> Thomas, 1904
1904	<i>Pipistrellus ariel</i>	<i>Hypsugo ariel</i> (Thomas, 1904)
1904	<i>Rhinolophus Andersoni</i>	<i>Rhinolophus clivus</i> Cretzschmar, 1828
1904	<i>Rhinolophus Dobsoni</i>	<i>Rhinolophus landeri</i> Martin, 1838
1904	<i>Pipistrellus nanulus</i>	<i>Pipistrellus nanulus</i> Thomas, 1904
1904	<i>Myzopodidae</i>	<i>MYZOPODIDAE</i> Thomas, 1904
1904	<i>Mimetillus</i>	<i>Mimetillus</i> Thomas, 1904
1904	<i>Nyctinomus hindei</i>	<i>Scotoecus hindei</i> Thomas, 1901
1905	<i>Glauconycteris papilio</i>	<i>Glauconycteris variegata</i> (Tomes, 1861)
1905	<i>Eomops</i>	<i>Myopterus</i> E. Geoffroy St.-Hilaire, 1818
1906	<i>Miniopterus Majori</i>	<i>Miniopterus majori</i> Thomas, 1906
1906	<i>Miniopterus manavi</i>	<i>Miniopterus manavi</i> Thomas, 1906
1906	<i>Scotophilus damarensis</i>	<i>Scotophilus leucogaster</i> (Cretzschmar, 1826)
1906	<i>Scotophilus nigrata herero</i>	<i>Scotophilus dinganii</i> (A. Smith, 1833)
1906	<i>Platymops</i>	<i>Platymops</i> Thomas, 1906
1906	<i>Platymops Macmillani</i>	<i>Platymops setiger macmillani</i> Thomas, 1906
1906	<i>Rousettus lanosus</i>	<i>Rousettus lanosus</i> Thomas, 1906

1906	<i>Kerivoula muscilla</i>	<i>Kerivoula lanosa</i> (A. Smith, 1847)
1908	<i>Nyctinomus leonis</i>	<i>Mops (Xiphonycteris) brachypterus</i> (Peters, 1852)
1908	<i>Rousettus smithii</i>	<i>Lissonycteris smithii</i> (Thomas, 1908)
1909	<i>Taphozous hildegardeae</i>	<i>Taphozous hildegardeae</i> Thomas, 1909
1909	<i>Rousettus kempii</i>	<i>Rousettus lanosus</i> Thomas, 1906
1909	<i>Scotoecus albigula</i>	<i>Scotoecus albigula</i> Thomas, 1909
1910	<i>Rhinolophus brockmani</i>	<i>Rhinolophus blasii</i> Peters, 1867
1910	<i>Casinycteris</i>	<i>Casinycteris</i> Thomas, 1910
1910	<i>Casinycteris argynnis</i>	<i>Casinycteris argynnis</i> Thomas, 1910
1911	<i>Pipistrellus culex</i>	<i>Pipistrellus nanus</i> (Peters, 1852)
1912	<i>Kerivoula cuprosa</i>	<i>Kerivoula cuprosa</i> Thomas, 1912
1912	<i>Cistugo</i>	<i>Cistugo</i> Thomas, 1912
1912	<i>Cistugo seabrae</i>	<i>Cistugo seabrae</i> Thomas, 1912
1912	<i>Kerivoula phalæna</i>	<i>Kerivoula phalaena</i> Thomas, 1912
1912	<i>Epomophorus gambianus</i>	<i>Epomophorus labiatus</i> (Temminck, 1837)
1913	<i>Glauconycteris egeria</i>	<i>Glauconycteris egeria</i> Thomas, 1913
1913	<i>Chaerephon nigeriae</i>	<i>Chaerephon nigeriae nigeriae</i> Thomas, 1913
1913	<i>Chaerephon nigeriae</i>	<i>Chaerephon nigeriae</i> Thomas, 1913
1913	<i>Nyctinomus ansorgei</i>	<i>Chaerephon ansorgei</i> (Thomas, 1913)
1913	<i>Pipistrellus fuscipes</i>	<i>Pipistrellus rueppellii fuscipes</i> Thomas, 1913
1913	<i>Pipistrellus musciculus</i>	<i>Hypsugo musciculus</i> (Thomas, 1913)
1913	<i>Rhinolophus foxi</i>	<i>Rhinolophus fumigatus</i> Rüppell, 1842
1913	<i>Otomops</i>	<i>Otomops</i> Thomas, 1913
1915	<i>C[oleura] g[allarum] nilosa</i>	<i>Coleura afro</i> (Peters, 1852)
1915	<i>C[oleura] gallarum</i>	<i>Coleura afro</i> (Peters, 1852)
1915	<i>C[oleura] silhouettæ</i>	<i>Coleura seychellensis</i> Peters, 1868
1915	<i>Glauconycteris phalæna</i>	<i>Glauconycteris variegata</i> (Tomes, 1861)
1915	<i>Rhinopterus lowei</i>	<i>Eptesicus floweri</i> (de Winton, 1901)
1915	<i>Taphozous sudani</i>	<i>Taphozous perforatus sudani</i> Thomas, 1915
1915	<i>Taphozous perforatus hædinus</i>	<i>Taphozous perforatus</i> E. Geoffroy St.-Hilaire, 1818
1915	<i>Scotoecus falabæ</i>	<i>Scotoecus hindei</i> Thomas, 1901
1915	<i>Myopterus albatius</i>	<i>Myopterus daubentonii</i> Desmarest, 1820
1917	<i>Scotoecus woodi</i>	<i>Scotoecus albofuscus</i> (Thomas, 1890)
1917	<i>Scotoecus</i>	<i>Scotoecus</i> Thomas, 1901
1920	<i>Taphozous hamiltoni</i>	<i>Taphozous hamiltoni</i> Thomas, 1920
1922	<i>Liponycteris</i>	<i>Taphozous</i> E. Geoffroy St.-Hilaire, 1818
1926	<i>Chaerephon (Lophomops) shortridgei</i>	<i>Chaerephon chapini</i> J.A. Allen, 1917
1926	<i>Pipistrellus fouriei</i>	<i>Pipistrellus nanus</i> (Peters, 1852)
1927	<i>Myotis scotti</i>	<i>Myotis scotti</i> Thomas, 1927
1927	<i>Miniopterus smitianus</i>	<i>Miniopterus natalensis</i> (A. Smith, 1833)
Thomas and Hinton		
1923	<i>Pipistrellus marrensis</i>	<i>Pipistrellus rusticus</i> (Tomes, 1861)
Thomas and Schwann		
1905	<i>Vespertilio capensis gracilior</i>	<i>Neoromicia capensis</i> (A. Smith, 1829)
1905	<i>Vespertilio matroka</i>	<i>Neoromicia matroka</i> (Thomas and Schwann, 1905)
1906	<i>Miniopterus fraterculus</i>	<i>Miniopterus fraterculus</i> Thomas and Schwann, 1906
Thomas and Wroughton		
1908	<i>Scoteinus schlieffeni albiventer</i>	<i>Nycticeinops schlieffenii</i> (Peters, 1859)
1908	<i>Scoteinus schlieffeni australis</i>	<i>Nycticeinops schlieffenii</i> (Peters, 1859)
Thomas et al		
1921	<i>Epomophorus anurus</i>	<i>Epomophorus labiatus</i> (Temminck, 1837)
Thonglongya		
1973	<i>Rhinomegaphyllus</i>	<i>Rhinolophus</i> Lacépède, 1799
Tiedemann		
1808	<i>Pteropus rufus</i>	<i>Pteropus niger</i> (Kerr, 1792)
Tomes		
1857	<i>Vespertilio blythii</i>	<i>Myotis blythii</i> (Tomes, 1857)
1858	<i>Vespertilio madagascariensis</i>	<i>Myotis goudoti</i> (A. Smith, 1834)
1859	<i>Scotophilus darwini</i>	<i>Hypsugo savii</i> (Bonaparte, 1837)

1860	<i>Epomophorus franqueti</i>	<i>Epomops franqueti</i> (Tomes, 1860)
1860	<i>Epomophorus schoënsis</i>	<i>Micropteropus pusillus</i> (Peters, 1868)
1861	<i>Kerivoula argentata</i>	<i>Kerivoula argentata</i> Tomes, 1861
1861	<i>Scotophilus rusticus</i>	<i>Pipistrellus rusticus</i> (Tomes, 1861)
1861	<i>Scotophilus variegatus</i>	<i>Glauconycteris variegata</i> (Tomes, 1861)

Trouessart

1897	<i>Nyctinomus pumilus</i> var. <i>major</i>	<i>Chaerephon major</i> (Trouessart, 1897)
1897	<i>Nyctinomus vemmeleni</i>	<i>Chaerephon bemmelini</i> (Jentink, 1879)
1897	<i>Vesperugo (Vesperus) serotinus</i> var. <i>gabonensis</i>	<i>Eptesicus serotinus</i> (Schreber, 1774)
1904	<i>Epomophorus pousarguesi</i>	<i>Epomophorus gambianus pousarguesi</i> Trouessart, 1904
1906	<i>Triænopis furcula</i>	<i>Triænopis furculus</i> Trouessart, 1906
1910	<i>Rhinolophus blasiusi</i>	<i>Rhinolophus blasii</i> Peters, 1867

Troughton

1929	<i>Anamygdon</i>	<i>Myotis</i> Kaup, 1829
1941	<i>Rhinophyllotis</i>	<i>Rhinolophus</i> Lacépède, 1799

True

1893	<i>Pteropus aldabrensis</i>	<i>Pteropus aldabrensis</i> True, 1893
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Trujillo, Ibáñez and Juste

2002	<i>Barbastella barbastellus guanchae</i>	<i>Barbastella barbastellus</i> (Schreber, 1774)
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Tuttle

1986	<i>Epomophorus gambianus</i>	<i>Epomophorus labiatus</i> (Temminck, 1837)
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Van Orshoven et al

1968	<i>Epomophorus gambianus</i>	<i>Epomophorus labiatus</i> (Temminck, 1837)
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Van Cakenberghe and De Vree

1998	<i>Nycteris</i>	<i>Nycteris</i> G. Cuvier and E. Geoffroy, 1795
1999	<i>Nycteris thebaica labiata</i>	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818

Van der Hoeven

1855	<i>Histiorhina</i>	<i>RHINOLOPHIDAE</i> Gray, 1825
1855	<i>Nycteridae</i>	<i>NYCTERIDAE</i> Van der Hoeven, 1855

Van Valen

1979	<i>PHYLLOSTOMATIA</i>	<i>VESPERTILIONIFORMI</i>
1979	<i>VESPERTILIONIA</i>	<i>VESPERTILIONIFORMI</i>

Verschuren

1957	<i>Hipposideros beatus maximus</i>	<i>Hipposideros beatus</i> (K. Andersen, 1906)
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Volleth, Bronner, Göpfert, Heller, von Helversen and Yong

2001	<i>Pipistrellus cf kuhlii</i>	<i>Pipistrellus cf_kuhlii</i> Volleth, Bronner, Göpfert, Heller, von Helversen and Yong, 2001
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Wagner

1840	<i>Nycteris albiventer</i>	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1840	<i>Nycteris discolor</i>	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1843	<i>Gymnorhina</i>	<i>VESPERTILIONIDAE</i> Gray, 1821
1845	<i>Rhinolophus gigas</i>	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)
1855	<i>Vespertilio smithii</i>	<i>Eptesicus hottentotus</i> (A. Smith, 1833)

Wallace

- 1880 *Pteropus comorensis* *Pteropus seychellensis* A. Milne-Edwards, 1877
Waterhouse
- 1902 *Syndesmotus* *Hipposideros* Gray, 1831
Watson
- 1951 *Pipistrellus* *Pipistrellus* Kaup, 1829
Wettstein
- 1916 *Eptesicus rectitragus* *Neoromicia guineensis* (Bocage, 1889)
1916 *Nyctinomus (Nyctinomus) tongaënsis* *Tadarida aegyptiaca aegyptiaca* (E. Geoffroy St.-Hilaire, 1818)
- 1916 *Scotoecus cinnamomeus* *Nycticeinops schlieffenii* (Peters, 1859)
1918 *Nycteris thebaica thebaica* *Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
Wilson
- 1975 *Pipistrellus rusticus rusticus* *Pipistrellus rusticus* (Tomes, 1861)
Winge
- 1892 *Miniopterus* *Miniopterus* Bonaparte, 1837
Wroughton
- 1911 *Chaerephon emini* *Mops (Mops) condylurus* (A. Smith, 1833)
Yoshiyuki and Endo
- 2003 *Myotis natterari* *Myotis nattereri* (Kuhl, 1817)
Zagorodniuk
- 1997 *VESPERTILIFORMES* *VESPERTILIONIFORMI*
Zagorodniuk, Godovanets, Pokynchereda and Kyseliuk
- 1995 *VESPERTILIFORMES* *VESPERTILIONIFORMI*
Zagorodnyuk
- 1998 *VESPERTILIONIFORMES* *VESPERTILIONIFORMI*

Appendix 3c: Synonyms by Publication Date

Synonyms arranged according to the date they were published. If a complete date could be found, this date is given. In most cases, however, only the year of publication is known, in which case (according to the International Code of Zoological Nomenclature) the last day of the year is considered to be the date of publication (i.e. 31 December). If the month is known, but not the date, the final date of the month is entered. In a large number of cases the publication date is taken from the (cover of the) publication, and as such the date might not be 100 % correct, since these dates tend to be earlier than the exact date the publication was published.

For names published in "*Annals and Magazine of Natural History*" and "*Journal of Natural History*" the publication dates are taken from Evenhuis (2003). For names published in the "*Proceedings of the Zoological Society of London*", the publication dates are taken from Duncan (1937). The publication dates from Schreber's "*Die Säugethiere*" are taken from Sherborn (1891). For E. Geoffroy St.-Hilaire's "*Description de l'Egypte*", the dates are taken from Sherborn (1897a). For Kerr's "*Animal Kingdom*" see Allen (1895).

Publication date	Original Name	Current Name
31 Dec 1774	<i>murinus</i> Schreber	<i>Myotis myotis</i> (Borkhausen, 1797)
31 Dec 1774	<i>Vespertilio barbastellus</i> Schreber	<i>Barbastella barbastellus</i> (Schreber, 1774)
31 Dec 1774	<i>Vespertilio ferrum-equinum</i> Schreber	<i>Rhinolophus ferrumequinum</i> (Schreber, 1774)
31 Dec 1774	<i>Vespertilio hispidus</i> Schreber	<i>Nycteris hispida</i> (Schreber, 1774)
31 Dec 1774	<i>Vespertilio Nigrita</i> Schreber	<i>Scotophilus nigrita</i> (Schreber, 1774)
31 Dec 1774	<i>Vespertilio noctula</i> Schreber	<i>Nyctalus noctula</i> (Schreber, 1774)
31 Dec 1774	<i>Vespertilio pipistrellus</i> Schreber	<i>Pipistrellus pipistrellus</i> (Schreber, 1774)
31 Dec 1774	<i>Vespertilio serotinus</i> Schreber	<i>Eptesicus serotinus</i> (Schreber, 1774)
31 Dec 1777	<i>Pteropus</i> Erxleben	<i>Pteropus</i> Erxleben, 1777
31 Dec 1779	CHIROPTERA Blumenbach	CHIROPTERA Blumenbach, 1779
31 Dec 1780	<i>Vespertilio lasiopterus</i> Schreber	<i>Nyctalus lasiopterus</i> (Schreber, 1780)
31 Dec 1782	<i>Vespertilio Microphyllum</i> Brünnich	<i>Rhinopoma microphyllum</i> (Brünnich, 1782)
28 Feb 1792	<i>minor</i> Kerr	<i>Rhinolophus hipposideros</i> (Bechstein, 1800)
28 Feb 1792	<i>Vespertilio vampirus niger</i> Kerr	<i>Pteropus niger</i> (Kerr, 1792)
28 Feb 1792	<i>Vespertilio vampyrus helvus</i> Kerr	<i>Eidolon helvum</i> (Kerr, 1792)
28 Feb 1792	<i>Vespertilio vampyrus helvus</i> Kerr	<i>Eidolon helvum helvum</i> (Kerr, 1792)
28 Feb 1792	<i>Vespertilio vampyrus subniger</i> Kerr	<i>Pteropus subniger</i> (Kerr, 1792)
31 Dec 1792	<i>major</i> Kerr	<i>Rhinolophus ferrumequinum</i> (Schreber, 1774)
31 Dec 1795	<i>Nycteris</i> G. Cuvier and E. Geoffroy	<i>Nycteris</i> G. Cuvier and E. Geoffroy, 1795
31 Dec 1797	<i>Vespertilio myosotis</i> Borkhausen	<i>Myotis myotis</i> (Borkhausen, 1797)
31 Dec 1797	<i>Vespertilio myotis</i> Borkhausen	<i>Myotis myotis</i> (Borkhausen, 1797)
31 Dec 1799	<i>Rhinolophus</i> Lacépède	<i>Rhinolophus</i> Lacépède, 1799
31 Dec 1799	<i>Spectrum</i> Lacépède	<i>Pteropus</i> Erxleben, 1777
31 Dec 1800	<i>Vespertilio hipposideros</i> Bechstein	<i>Rhinolophus hipposideros</i> (Bechstein, 1800)
31 Dec 1800	<i>Vespertilio megalotis</i> Bechstein	<i>Lavia frons</i> (E. Geoffroy St.-Hilaire, 1810)
31 Dec 1802	<i>Spectrum rubidum</i> Daudin	<i>Pteropus subniger</i> (Kerr, 1792)
31 Dec 1803	<i>Nictaris</i> Desmarest	<i>Nycteris</i> G. Cuvier and E. Geoffroy, 1795
31 Dec 1803	<i>Pteropus fuscus</i> Desmarest	<i>Pteropus subniger</i> (Kerr, 1792)
31 Dec 1803	<i>major</i> E. Geoffroy Saint-Hilaire	<i>Rhinolophus ferrumequinum</i> (Schreber, 1774)
31 Dec 1803	<i>Pteropus fuscus</i> E. Geoffroy Saint-Hilaire	<i>Pteropus niger</i> (Kerr, 1792)
31 Dec 1803	<i>Pteropus rufus</i> E. Geoffroy Saint-Hilaire	<i>Pteropus rufus</i> E. Geoffroy St.-Hilaire, 1803
31 Dec 1803	<i>Pteropus stramineus</i> E. Geoffroy Saint-Hilaire	<i>Eidolon helvum helvum</i> (Kerr, 1792)
31 Dec 1803	<i>ruber</i> E. Geoffroy Saint-Hilaire	<i>Pteropus subniger</i> (Kerr, 1792)
31 Dec 1803	<i>Vespertilio borbonicus</i> E. Geoffroy Saint-Hilaire	<i>Scotophilus borbonicus</i> (E. Geoffroy St.-Hilaire, 1803)
31 Dec 1804	<i>Vespertilio acetabulosus</i> Hermann	<i>Mormopterus acetabulosus</i> (Hermann, 1804)
31 Dec 1804	<i>Vespertilio acetabulosus</i> Hermann	<i>Mormopterus acetabulosus acetabulosus</i> (Hermann, 1804)
31 Dec 1804	<i>Vespertilio mauritanus</i> Hermann	<i>Pteropus niger</i> (Kerr, 1792)
31 Dec 1806	<i>Vespertilio emarginatus</i> E. Geoffroy Saint-Hilaire	<i>Myotis emarginatus</i> (E. Geoffroy St.-Hilaire, 1806)
31 Dec 1806	<i>Vespertilio serotinus</i> E. Geoffroy Saint-Hilaire	<i>Nyctalus noctula</i> (Schreber, 1774)
31 Dec 1808	<i>Pteropus rufus</i> Tiedemann	<i>Pteropus niger</i> (Kerr, 1792)
31 Dec 1809	<i>Vespertilio caninus</i> var. <i>b</i> Goldfuss	<i>Eidolon helvum helvum</i> (Kerr, 1792)
31 Dec 1810	<i>Megaderma frons</i> E. Geoffroy Saint-Hilaire	<i>Lavia frons</i> (E. Geoffroy St.-Hilaire, 1810)
31 Dec 1810	<i>Pteropus edwardsii</i> E. Geoffroy Saint-Hilaire	<i>Pteropus rufus</i> E. Geoffroy St.-Hilaire, 1803
31 Dec 1810	<i>Pteropus Egyptiacus</i> E. Geoffroy Saint-Hilaire	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)
31 Dec 1810	<i>Pteropus rubricollis</i> E. Geoffroy Saint-	<i>Pteropus subniger</i> (Kerr, 1792)

Publication date	Original Name	Current Name
	Hilaire	
31 Dec 1810	<i>Pteropus vulgaris</i> E. Geoffroy Saint-Hilaire	<i>Pteropus niger</i> (Kerr, 1792)
31 Aug 1813	<i>Nycteris Daubentonii</i> E. Geoffroy Saint-Hilaire	<i>Nycteris hispida</i> (Schreber, 1774)
31 Dec 1813	<i>Rhinolophus commersoni</i> E. Geoffroy Saint-Hilaire	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)
31 Dec 1813	<i>Rhinolophus tridens</i> E. Geoffroy Saint-Hilaire	<i>Asellia tridens</i> (E. Geoffroy St.-Hilaire, 1813)
31 Dec 1814	<i>torquatus</i> G. Fischer	<i>Pteropus subniger</i> (Kerr, 1792)
31 Dec 1814	<i>Cephalotes teniotis</i> Rafinesque	<i>Tadarida teniotis</i> (Rafinesque, 1814)
31 Dec 1814	<i>Tadarida</i> Rafinesque	<i>Tadarida</i> Rafinesque, 1814
31 Dec 1815	<i>Pteropus collaris</i> Illiger	<i>Pteropus subniger</i> (Kerr, 1792)
31 Dec 1815	<i>Eidolon</i> Rafinesque	<i>Eidolon</i> Rafinesque, 1815
31 Dec 1815	<i>Vespertilia</i> Rafinesque	VESPERTILIONIDAE Gray, 1821
31 Dec 1816	<i>Macrotus</i> Leach	<i>Plecotus</i> E. Geoffroy St.-Hilaire, 1818
31 Dec 1816	<i>Phyllorhina</i> Leach	<i>Rhinolophus</i> Lacépède, 1799
31 Dec 1816	<i>Myopterus senegalensis</i> Oken	<i>Myopterus daubentonii</i> Desmarest, 1820
31 Dec 1816	<i>Pteropus madagascariensis</i> Oken	<i>Pteropus rufus</i> E. Geoffroy St.-Hilaire, 1803
31 Dec 1816	<i>Rhinopoma brevicaudatum</i> Oken	<i>Rhinopoma hardwickii</i> Gray, 1831
31 Dec 1817	<i>Vespertilio Kuhlii</i> Kuhl	<i>Pipistrellus kuhlii</i> (Kuhl, 1817)
31 Dec 1817	<i>Vespertilio Leisleri</i> Kuhl	<i>Nyctalus leisleri</i> (Kuhl, 1817)
31 Dec 1817	<i>Vespertilio nattereri</i> Kuhl	<i>Myotis nattereri</i> (Kuhl, 1817)
31 Dec 1817	<i>Vespertilio schreibersii</i> Kuhl	<i>Miniopterus schreibersii</i> (Kuhl, 1817)
31 Dec 1818	<i>Myopterus</i> E. Geoffroy Saint-Hilaire	<i>Myopterus</i> E. Geoffroy St.-Hilaire, 1818
31 Dec 1818	<i>Nycteris Thebaicus</i> E. Geoffroy Saint-Hilaire	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
31 Dec 1818	<i>Nyctinomus</i> E. Geoffroy Saint-Hilaire	<i>Chaerephon</i> Dobson, 1874
31 Dec 1818	<i>Nyctinomus aegyptiacus</i> E. Geoffroy Saint-Hilaire	<i>Tadarida aegyptiaca aegyptiaca</i> (E. Geoffroy St.-Hilaire, 1818)
31 Dec 1818	<i>Nyctinomus aegyptiacus</i> E. Geoffroy Saint-Hilaire	<i>Tadarida aegyptiaca</i> (E. Geoffroy St.-Hilaire, 1818)
31 Dec 1818	<i>Plecotus</i> E. Geoffroy Saint-Hilaire	<i>Plecotus</i> E. Geoffroy St.-Hilaire, 1818
31 Dec 1818	<i>Pteropus aegyptiacus</i> E. Geoffroy Saint-Hilaire	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)
31 Dec 1818	<i>Rhinopoma</i> E. Geoffroy Saint-Hilaire	<i>Rhinopoma</i> E. Geoffroy St.-Hilaire, 1818
31 Dec 1818	<i>Taphozous</i> E. Geoffroy Saint-Hilaire	<i>Taphozous</i> E. Geoffroy St.-Hilaire, 1818
31 Dec 1818	<i>Taphozous mauritanus</i> E. Geoffroy Saint-Hilaire	<i>Taphozous mauritanus</i> E. Geoffroy St.-Hilaire, 1818
31 Dec 1818	<i>Taphozous perforatus</i> E. Geoffroy Saint-Hilaire	<i>Taphozous perforatus</i> E. Geoffroy St.-Hilaire, 1818
31 Dec 1818	<i>Taphozous perforatus</i> E. Geoffroy Saint-Hilaire	<i>Taphozous perforatus perforatus</i> E. Geoffroy St.-Hilaire, 1818
31 Dec 1819	<i>Vespertilio dasykarpos</i> Kuhl	<i>Nyctalus leisleri</i> (Kuhl, 1817)
31 Dec 1820	<i>Myopterus</i> Desmarest	<i>Myopterus</i> E. Geoffroy St.-Hilaire, 1818
31 Dec 1820	<i>Myopterus daubentonii</i> Desmarest	<i>Myopterus daubentonii</i> Desmarest, 1820
31 Dec 1820	<i>Nycteris Geoffroyi</i> Desmarest	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
31 Dec 1820	<i>Rhinopoma microphylla</i> Desmarest	<i>Rhinopoma microphyllum</i> (Brünnich, 1782)
31 Dec 1820	<i>Taphozous senegalensis</i> Desmarest	<i>Taphozous perforatus perforatus</i> E. Geoffroy St.-Hilaire, 1818
31 Dec 1820	<i>Eptesicus</i> Rafinesque	<i>Eptesicus</i> Rafinesque, 1820
1 Apr 1821	<i>Barbastella</i> Gray	<i>Barbastella</i> Gray, 1821
1 Apr 1821	<i>Nyctinomes</i> Gray	<i>Tadarida</i> Rafinesque, 1814
1 Apr 1821	<i>Rousettus</i> Gray	<i>Rousettus</i> Gray, 1821
1 Apr 1821	<i>Vespertilionidae</i> Gray	VESPERTILIONIDAE Gray, 1821
1 Apr 1821	<i>Vespertilioninae</i> Gray	<i>Vespertilioninae</i> Gray, 1821
1 Apr 1821	<i>Vespertilionoidea</i> Gray	VESPERTILIONOIDEA Gray, 1821
23 Jun 1821	<i>Scotophilus</i> Leach	<i>Scotophilus</i> Leach, 1821
31 Dec 1821	<i>Nyctinoma</i> Bowdich	<i>Tadarida</i> Rafinesque, 1814
31 Dec 1821	<i>Cephalotidae</i> Gray	PTEROPODIDAE Bonaparte, 1838
31 Dec 1821	CHEIROPTERA Gray	CHIROPTERA Blumenbach, 1779
31 Dec 1821	INSECTIVORAE Gray	VESPERTILIONIFORMI
31 Dec 1821	<i>Pteropidae</i> Gray	PTEROPODIDAE Bonaparte, 1838
31 Dec 1821	FRUCTIVORAE Grey	PTEROPODIFORMI
31 Dec 1822	<i>Nyctinomia</i> Fleming	<i>Tadarida</i> Rafinesque, 1814
31 Dec 1822	CHEIROPTERA Flemming	CHIROPTERA Blumenbach, 1779
31 Dec 1823	<i>Pteropus collaris</i> Lichtenstein	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)
31 Dec 1823	<i>Rhinolophus capensis</i> Lichtenstein	<i>Rhinolophus capensis</i> Lichtenstein, 1823
31 Dec 1824	<i>Nyctinomus mauritanus</i> Horsfield	<i>Mormopterus acetabulosus acetabulosus</i> (Hermann, 1804)
31 Dec 1825	<i>Nyctalus</i> Bowdich	<i>Nyctalus</i> Bowdich, 1825
31 Dec 1825	<i>Nyctalus verrucosus</i> Bowdich	<i>Nyctalus leisleri</i> (Kuhl, 1817)
31 Dec 1825	<i>Rhinolophidae</i> Gray	RHINOLOPHIDAE Gray, 1825
31 Dec 1825	<i>Rhinolophinae</i> Gray	<i>Rhinolophinae</i> Gray, 1825
31 Dec 1825	<i>Dinops</i> Savi	<i>Tadarida</i> Rafinesque, 1814

Publication date	Original Name	Current Name
31 Dec 1825	<i>Dinops Cestonii</i> Savi	<i>Tadarida teniotis</i> (Rafinesque, 1814)
31 Dec 1825	<i>Pteropus geoffroyi</i> Temminck	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)
31 Dec 1825	<i>Pteropus phaiops</i> Temminck	<i>Pteropus rufus</i> E. Geoffroy St.-Hilaire, 1803
31 Dec 1826	<i>Dysopes pumilus</i> Cretzschmar	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)
31 Dec 1826	<i>Nycticejus leucogaster</i> Cretzschmar	<i>Scotophilus leucogaster</i> (Cretzschmar, 1826)
31 Dec 1826	<i>Vespertilio temminckii</i> Cretzschmar	<i>Pipistrellus rueppellii</i> (Fischer, 1829)
31 Dec 1827	<i>Vespertilio ferrugineus</i> Brehm	<i>Nyctalus lasiopterus</i> (Schreber, 1780)
31 Dec 1827	<i>Vespertilio temminckii</i> Cretzschmar	<i>Pipistrellus rueppellii rueppellii</i> (Fischer, 1829)
31 Dec 1827	<i>Vespertilio Screibersii</i> Lesson	<i>Miniopterus schreibersii</i> (Kuhl, 1817)
31 Dec 1827	<i>Dysopes geoffroyi</i> Temminck	<i>Tadarida aegyptiaca aegyptiaca</i> (E. Geoffroy St.-Hilaire, 1818)
31 Dec 1827	<i>Dysopes rüppelii</i> Temminck	<i>Tadarida teniotis</i> (Rafinesque, 1814)
31 Dec 1827	<i>Pteropus amphiplexicaudatus</i> Temminck	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)
31 Dec 1828	<i>Rhinolophus clivosus</i> Cretzschmar	<i>Rhinolophus clivosus</i> Cretzschmar, 1828
31 May 1829	<i>Nycteris affinis</i> A. Smith	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
31 May 1829	<i>Nycteris capensis</i> A. Smith	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
31 May 1829	<i>Pteropus Leachii</i> A. Smith	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)
31 May 1829	<i>Rhinolophus geoffroyii</i> A. Smith	<i>Rhinolophus clivosus</i> Cretzschmar, 1828
31 May 1829	<i>Vespertilio capensis</i> A. Smith	<i>Neoromicia capensis</i> (A. Smith, 1829)
30 Jun 1829	<i>Cercopteropus Burnett</i>	<i>Rousettus</i> Gray, 1821
31 Dec 1829	<i>Plecautius</i> F. Cuvier	<i>Plecotus</i> E. Geoffroy St.-Hilaire, 1818
31 Dec 1829	<i>Vespertilio auritus</i> β <i>aegyptius</i> J.B. Fischer	<i>Plecotus christii</i> Gray, 1838
31 Dec 1829	<i>Vespertilio pipistrellus</i> var. β <i>aegyptius</i> J.B. Fischer	<i>Pipistrellus deserti</i> Thomas, 1902
31 Dec 1829	<i>Vespertilio rüppelii</i> J.B. Fischer	<i>Pipistrellus rueppellii</i> (Fischer, 1829)
31 Dec 1829	<i>Vespertilio ruppellii</i> J.B. Fischer	<i>Pipistrellus rueppellii rueppellii</i> (Fischer, 1829)
31 Dec 1829	<i>Barbastellus</i> Kaup	<i>Barbastella</i> Gray, 1821
31 Dec 1829	<i>Cnephæus</i> Kaup	<i>Eptesicus</i> Rafinesque, 1820
31 Dec 1829	<i>Myotis</i> Kaup	<i>Myotis</i> Kaup, 1829
31 Dec 1829	<i>Nystactes</i> Kaup	<i>Myotis</i> Kaup, 1829
31 Dec 1829	<i>Pipistrellus</i> Kaup	<i>Pipistrellus</i> Kaup, 1829
31 Dec 1829	<i>Pterygistes</i> Kaup	<i>Nyctalus</i> Bowdich, 1825
31 Dec 1830	<i>Loeconoë</i> Boie	<i>Myotis</i> Kaup, 1829
31 Dec 1830	<i>Dysopes</i> Cretzschmar	<i>Tadarida</i> Rafinesque, 1814
31 Dec 1830	<i>Taphozous nudiventris</i> Cretzschmar	<i>Taphozous nudiventris</i> Cretzschmar, 1830
31 Dec 1830	<i>Vespertilio marginatus</i> Cretzschmar	<i>Pipistrellus kuhlii</i> (Kuhl, 1817)
31 Dec 1831	<i>Hipposideros</i> Gray	<i>Hipposideros</i> Gray, 1831
31 Dec 1831	<i>Pachyotus</i> Gray	<i>Scotophilus</i> Leach, 1821
31 Dec 1831	<i>Rhinopoma Hardwickii</i> Gray	<i>Rhinopoma hardwickii</i> Gray, 1831
31 Dec 1832	<i>Pteropus hottentottus</i> Temminck	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)
31 Dec 1832	<i>Vespertilio epichrysus</i> Temminck	<i>Scotophilus dinganii</i> (A. Smith, 1833)
31 Dec 1832	<i>Vespertilio platycephalus</i> Temminck	<i>Pipistrellus hesperidus</i> (Temminck, 1840)
31 Dec 1832	<i>Vespertilio tricolor</i> Temminck	<i>Myotis tricolor</i> (Temminck, 1832)
30 Nov 1833	<i>Nyctinomus condylurus</i> A. Smith	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)
30 Nov 1833	<i>Nyctinomus dubius</i> A. Smith	<i>Mormopterus acetabulosus natalensis</i> (A. Smith, 1847)
30 Nov 1833	<i>Vespertilio dinganii</i> A. Smith	<i>Scotophilus dinganii</i> (A. Smith, 1833)
30 Nov 1833	<i>Vespertilio hottentota</i> A. Smith	<i>Eptesicus hottentotus</i> (A. Smith, 1833)
30 Nov 1833	<i>Vespertilio natalensis</i> A. Smith	<i>Miniopterus natalensis</i> (A. Smith, 1833)
30 Jun 1834	<i>Vespertilio goudoti</i> A. Smith	<i>Myotis goudoti</i> (A. Smith, 1834)
26 Sep 1834	<i>Hipposideros</i> Gray	<i>Hipposideros</i> Gray, 1831
9 Oct 1835	<i>Pteropus</i> Ogilby	<i>Epomophorus</i> Bennett, 1836
9 Oct 1835	<i>Pteropus gambianus</i> Ogilby	<i>Epomophorus gambianus</i> (Ogilby, 1835)
9 Oct 1835	<i>Pteropus gambianus</i> Ogilby	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)
9 Oct 1835	<i>Pteropus macrocephalus</i> Ogilby	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)
31 Dec 1835	<i>Epomophorus gambianus</i> Ogilby	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)
31 Dec 1835	<i>Epomophorus gambianus</i> Ogilby	<i>Epomophorus gambianus</i> (Ogilby, 1835)
31 Dec 1835	<i>Pteropus megacephalus</i> Swainson	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)
31 Dec 1835	<i>Taphozous leucopterus</i> Temminck	<i>Taphozous mauritanus</i> E. Geoffroy St.-Hilaire, 1818
12 Feb 1836	<i>Epomophorus</i> Bennett	<i>Epomophorus</i> Bennett, 1836
12 Feb 1836	<i>Pteropus epomophorus</i> Bennett	<i>Epomophorus gambianus</i> (Ogilby, 1835)
2 Oct 1836	<i>Pteropus whitei</i> Bennett	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)
31 Dec 1836	<i>Rhinocrepis</i> Gervais	<i>Rhinolophus</i> Lacépède, 1799
31 Dec 1837	<i>Miniopterus</i> Bonaparte	<i>Miniopterus</i> Bonaparte, 1837
31 Dec 1837	<i>Noctula</i> Bonaparte	<i>Eptesicus</i> Rafinesque, 1820
31 Dec 1837	<i>Pipistrella</i> Bonaparte	<i>Pipistrellus</i> Kaup, 1829
31 Dec 1837	<i>Vespertilio Capaccinii</i> Bonaparte	<i>Myotis capaccinii</i> (Bonaparte, 1837)
31 Dec 1837	<i>Vespertilio Savii</i> Bonaparte	<i>Hypsugo savii</i> (Bonaparte, 1837)
31 Dec 1837	<i>Myoptera</i> de Blainville	<i>Myopterus</i> E. Geoffroy St.-Hilaire, 1818
31 Dec 1837	<i>Pteropus labiatus</i> Temminck	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1837	<i>vulgaris</i> Temminck	<i>Pteropus subniger</i> (Kerr, 1792)
1 Feb 1838	<i>Asellia</i> Gray	<i>Asellia</i> Gray, 1838
1 Feb 1838	<i>Barbastellus communis</i> Gray	<i>Barbastella barbastellus</i> (Schreber, 1774)
1 Feb 1838	<i>Epomophorus whitii</i> Gray	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)

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1 Feb 1838	<i>Lavia</i> Gray	<i>Lavia</i> Gray, 1838
1 Feb 1838	<i>Petalia</i> Gray	<i>Nycteris</i> G. Cuvier and E. Geoffroy, 1795
1 Feb 1838	<i>Plecotus christii</i> Gray	<i>Plecotus christii</i> Gray, 1838
1 Feb 1838	<i>Romicia</i> Gray	<i>Pipistrellus</i> Kaup, 1829
25 May 1838	<i>Rhinolophus landeri</i> Martin	<i>Rhinolophus landeri</i> Martin, 1838
31 Dec 1838	PTEROPODIDAE Bonaparte	PTEROPODIDAE Bonaparte, 1838
31 Dec 1838	<i>Nyctinomus pusilus</i> Lesson	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)
31 Dec 1838	<i>Emballonura</i> Temminck	<i>Emballonura</i> Temminck, 1838
31 Dec 1838	<i>Saccolaimus</i> Temminck	<i>Saccolaimus</i> Temminck, 1838
31 Dec 1839	<i>Synotus</i> Keyserling and Blasius	<i>Barbastella</i> Gray, 1821
31 Dec 1839	<i>Vesperugo</i> Keyserling and Blasius	<i>Pipistrellus</i> Kaup, 1829
31 Dec 1839	<i>Vesperugo</i> Keyserling and Blasius	<i>Eptesicus</i> Rafinesque, 1820
31 Dec 1839	<i>Vesperugo</i> Keyserling and Blasius	<i>Nyctalus</i> Bowdich, 1825
31 Dec 1839	<i>Vesperugo</i> Keyserling and Blasius	<i>Eptesicus</i> Rafinesque, 1820
31 Dec 1839	<i>pachygnathus</i> Michahelles	<i>Nyctalus leisleri</i> (Kuhl, 1817)
31 Dec 1840	<i>Romicius</i> Blyth	<i>Pipistrellus</i> Kaup, 1829
31 Dec 1840	<i>Dysopes Savii</i> Schinz	<i>Tadarida teniotis</i> (Rafinesque, 1814)
31 Dec 1840	<i>Vespertilio dasythrix</i> Temminck	<i>Miniopterus natalensis</i> (A. Smith, 1833)
31 Dec 1840	<i>Vespertilio hesperida</i> Temminck	<i>Pipistrellus hesperidus hesperidus</i> (Temminck, 1840)
31 Dec 1840	<i>Vespertilio hesperida</i> Temminck	<i>Pipistrellus hesperidus</i> (Temminck, 1840)
31 Dec 1840	<i>Vespertilio minuta</i> Temminck	<i>Neoromicia capensis</i> (A. Smith, 1829)
31 Dec 1840	<i>Nycteris albiventer</i> Wagner	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
31 Dec 1840	<i>Nycteris discolor</i> Wagner	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
31 Dec 1841	<i>Capaccinius</i> Bonaparte	<i>Myotis</i> Kaup, 1829
31 Dec 1841	<i>Selysius</i> Bonaparte	<i>Myotis</i> Kaup, 1829
31 Dec 1841	<i>Vespertilio isabellinus</i> Temminck	<i>Eptesicus serotinus</i> (Schreber, 1774)
31 Dec 1841	<i>Vespertilio megalurus</i> Temminck	<i>Eptesicus hottentotus</i> (A. Smith, 1833)
1 Dec 1842	<i>Kerivoula</i> Gray	<i>Kerivoula</i> Gray, 1842
1 Dec 1842	<i>Kerivoula poensis</i> Gray	<i>Glauconycteris poensis</i> (Gray, 1842)
1 Dec 1842	<i>Trilatitus</i> Gray	<i>Myotis</i> Kaup, 1829
1 Dec 1842	<i>Noctulinia</i> Grey	<i>Nyctalus</i> Bowdich, 1825
31 Dec 1842	<i>Mops</i> Lesson	<i>Mops (Mops)</i> Lesson, 1842
31 Dec 1842	<i>Mops</i> Lesson	<i>Mops</i> Lesson, 1842
31 Dec 1842	<i>Nicticejus</i> Rüppell	<i>Scotophilus</i> Leach, 1821
31 Dec 1842	<i>Pteropus schoënsis</i> Rüppell	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1842	<i>Rhinolophus fumigatus</i> Rüppell	<i>Rhinolophus fumigatus</i> Rüppell, 1842
31 Dec 1842	<i>Vespertilio Pipistrellus varietas africana</i> Rüppell	<i>Pipistrellus nanus</i> (Peters, 1852)
31 Dec 1842	<i>Harpyidae</i> H. Smith	PTEROPODIDAE Bonaparte, 1838
13 May 1843	<i>Nycteris poensis</i> Gray	<i>Nycteris hispida</i> (Schreber, 1774)
13 May 1843	<i>Xantharpyia</i> Gray	<i>Rousettus</i> Gray, 1821
31 Jul 1843	<i>Rhinolophus Martini</i> Fraser	<i>Nycteris hispida</i> (Schreber, 1774)
31 Dec 1843	<i>Dysopes midas</i> Sundevall	<i>Mops (Mops) midas midas</i> (Sundevall, 1843)
31 Dec 1843	<i>Dysopes midas</i> Sundevall	<i>Mops (Mops) midas</i> (Sundevall, 1843)
31 Dec 1843	<i>Gymnorhina</i> Wagner	VESPERTILIONIDAE Gray, 1821
31 Dec 1844	<i>Eleutherura</i> Gray	<i>Rousettus</i> Gray, 1821
31 Dec 1845	<i>Rhinolophus gigas</i> Wagner	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)
31 Jul 1846	<i>Pteropus haldemani</i> Hallowell	<i>Epomophorus wahlbergi</i> (Sundevall, 1846)
31 Dec 1846	<i>Livia</i> Agassiz	<i>Lavia</i> Gray, 1838
31 Dec 1846	<i>Pteropus Wahlbergi</i> Sundevall	<i>Epomophorus wahlbergi</i> (Sundevall, 1846)
31 Dec 1846	<i>Rhinolophus caffer</i> Sundevall	<i>Hipposideros caffer</i> (Sundevall, 1846)
31 Dec 1846	<i>Vespertilio scotinus</i> Sundevall	<i>Miniopterus natalensis</i> (A. Smith, 1833)
31 Dec 1846	<i>Vespertilio subtilis</i> Sundevall	<i>Pipistrellus hesperidus subtilis</i> (Sundevall, 1846)
13 Apr 1847	<i>Aquias</i> Gray	<i>Rhinolophus Lacépède</i> , 1799
31 Dec 1847	<i>Dysopes natalensis</i> A. Smith	<i>Mormopterus acetabulosus natalensis</i> (A. Smith, 1847)
31 Dec 1847	<i>Vespertilio lanosus</i> A. Smith	<i>Kerivoula lanosa</i> (A. Smith, 1847)
31 Dec 1849	<i>Kirivoula</i> Gervais	<i>Kerivoula</i> Gray, 1842
31 Dec 1849	<i>Tralatitus</i> Gervais	<i>Myotis</i> Kaup, 1829
31 Dec 1849	<i>Vespertilio minutus</i> A. Smith	<i>Eptesicus hottentotus</i> (A. Smith, 1833)
31 Dec 1852	<i>Cynonycteris</i> Peters	<i>Rousettus</i> Gray, 1821
31 Dec 1852	<i>Dysopes brachypterus</i> Peters	<i>Mops (Xiphonycteris) brachypterus</i> (Peters, 1852)
31 Dec 1852	<i>Dysopes dubius</i> Peters	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)
31 Dec 1852	<i>Dysopes limbatus</i> Peters	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)
31 Dec 1852	<i>Emballonura afra</i> Peters	<i>Coleura afra</i> (Peters, 1852)
31 Dec 1852	<i>Epomophorus crypturus</i> Peters	<i>Epomophorus gambianus crypturus</i> Peters, 1852
31 Dec 1852	<i>Nycteris fuliginosa</i> Peters	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
31 Dec 1852	<i>Nycteris villosa</i> Peters	<i>Nycteris hispida</i> (Schreber, 1774)
31 Dec 1852	<i>Nycticejus planirostris</i> Peters	<i>Scotophilus dinganii</i> (A. Smith, 1833)
31 Dec 1852	<i>Nycticejus viridis</i> Peters	<i>Scotophilus viridis</i> (Peters, 1852)
31 Dec 1852	<i>Phyllorhina caffra</i> Peters	<i>Hipposideros caffer</i> (Sundevall, 1846)
31 Dec 1852	<i>Phyllorhina vittata</i> Peters	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)
31 Dec 1852	<i>Phyllorhina gracilis</i> Peters	<i>Hipposideros caffer</i> (Sundevall, 1846)
31 Dec 1852	<i>Rhinolophus lobatus</i> Peters	<i>Rhinolophus landeri</i> Martin, 1838
31 Dec 1852	<i>Vespertilio macuanus</i> Peters	<i>Nyctalus noctula</i> (Schreber, 1774)

Publication date	Original Name	Current Name
31 Dec 1852	<i>Vespertilio nanus</i> Peters	<i>Pipistrellus nanus</i> (Peters, 1852)
31 Dec 1853	<i>Rhinolophus euryale</i> Blasius	<i>Rhinolophus euryale</i> Blasius, 1853
31 Dec 1853	<i>Vesperugo</i> (<i>Vesperugo</i>) <i>Kuhlii</i> Blasius	<i>Pipistrellus kuhlii</i> (Kuhl, 1817)
31 Dec 1853	<i>Pachysoma</i> Temminck	<i>Epomophorus</i> Bennett, 1836
31 Dec 1853	<i>Phyllorhina cyclops</i> Temminck	<i>Hipposideros cyclops</i> (Temminck, 1853)
31 Dec 1853	<i>Phyllorhina fuliginosa</i> Temminck	<i>Hipposideros fuliginosus</i> (Temminck, 1853)
31 Dec 1853	<i>Rhinolophus alcyone</i> Temminck	<i>Rhinolophus alcyone</i> Temminck, 1853
31 Dec 1853	<i>Taphozous peli</i> Temminck	<i>Saccolaimus peli</i> (Temminck, 1853)
31 Dec 1854	<i>Rhinopomus</i> Gervais	<i>Rhinopoma</i> E. Geoffroy St.-Hilaire, 1818
23 Jul 1855	<i>Emballonuridae</i> Gervais	EMBALLONURIDAE Gervais, 1855
23 Jul 1855	<i>Molossidae</i> Gervais	MOLOSSIDAE Gervais, 1856
23 Jul 1855	<i>Molossinae</i> Gervais	<i>Molossinae</i> Gervais, 1856
31 Dec 1855	<i>Nycticeina</i> Gervais	VESPERTILIONIDAE Gray, 1821
31 Dec 1855	<i>FRUGIVORA</i> Giebel	PTEROPODIFORMI
31 Dec 1855	<i>Gymnorhina</i> Giebel	VESPERTILIONIFORMI
31 Dec 1855	<i>Historhina</i> Van der Hoeven	RHINOLOPHIDAE Gray, 1825
31 Dec 1855	<i>Nycteridae</i> Van der Hoeven	NYCTERIDAE Van der Hoeven, 1855
31 Dec 1855	<i>Vespertilio smithii</i> Wagner	<i>Eptesicus hottentotus</i> (A. Smith, 1833)
31 Dec 1856	<i>Brachyotus</i> Kolenati	<i>Myotis</i> Kaup, 1829
31 Dec 1856	<i>Cateorus</i> Kolenati	<i>Eptesicus Rafinesque</i> , 1820
31 Dec 1856	<i>Hypsugo</i> Kolenati	<i>Hypsugo</i> Kolenati, 1856
31 Dec 1856	<i>Isotus</i> Kolenati	<i>Myotis</i> Kaup, 1829
31 Dec 1856	<i>Meteorus</i> Kolenati	<i>Eptesicus Rafinesque</i> , 1820
31 Dec 1856	<i>Myotus</i> Kolenati	<i>Myotis</i> Kaup, 1829
31 Dec 1856	<i>Nannugo</i> Kolenati	<i>Pipistrellus</i> Kaup, 1829
31 Dec 1856	<i>Panugo</i> Kolenati	<i>Nyctalus</i> Bowdich, 1825
31 Dec 1856	<i>Vesperus</i> (<i>Cateorus</i>) <i>Sorotinus</i> Kolenati	<i>Eptesicus serotinus</i> (Schreber, 1774)
14 Jul 1857	<i>Vespertilio blythii</i> Tomes	<i>Myotis blythii</i> (Tomes, 1857)
27 Apr 1858	<i>Vespertilio madagascariensis</i> Tomes	<i>Myotis goudoti</i> (A. Smith, 1834)
31 Dec 1858	<i>Amblyotus</i> Kolenati	<i>Eptesicus Rafinesque</i> , 1820
31 Dec 1858	<i>Vespertilio pusillus</i> Leconte	<i>Neoromicia "incertae-sedis"</i>
31 Dec 1858	<i>Nannugo Kolenatii</i> Müller	<i>Pipistrellus "incertae-sedis"</i>
30 Jun 1859	<i>Scotophilus darwini</i> Tomes	<i>Hypsugo savii</i> (Bonaparte, 1837)
31 Dec 1859	<i>Nycticejus schlieffenii</i> Peters	<i>Nycticeinops schlieffenii</i> (Peters, 1859)
31 Dec 1859	<i>Otonycteris</i> Peters	<i>Otonycteris</i> Peters, 1859
31 Dec 1859	<i>Otonycteris hemprichii</i> Peters	<i>Otonycteris hemprichii</i> Peters, 1859
31 Dec 1859	<i>Rhinopoma lepsianum</i> Peters	<i>Rhinopoma microphyllum</i> (Brünnich, 1782)
31 May 1860	<i>Epomophorus franqueti</i> Tomes	<i>Epomops franqueti</i> (Tomes, 1860)
31 May 1860	<i>Epomophorus schoënsis</i> Tomes	<i>Micropteropus pusillus</i> (Peters, 1868)
31 Dec 1860	<i>Phyllorhina</i> Koch	HIPPOSIDERIDAE Lydekker, 1891
31 Dec 1860	<i>Phyllorhina</i> Koch	<i>Hipposiderinae</i> Lydekker, 1891
31 Dec 1860	<i>Rhinolophus auritus</i> Sundevall	<i>Rhinolophus capensis</i> Lichtenstein, 1823
31 May 1861	<i>Kerivoula argentata</i> Tomes	<i>Kerivoula argentata</i> Tomes, 1861
31 May 1861	<i>Scotophilus rusticus</i> Tomes	<i>Pipistrellus rusticus</i> (Tomes, 1861)
31 May 1861	<i>Scotophilus variegatus</i> Tomes	<i>Glauconycteris variegata</i> (Tomes, 1861)
31 Dec 1861	<i>Nyctophylax</i> Fitzinger	<i>Kerivoula</i> Gray, 1842
31 Dec 1861	<i>Nycteris labiata</i> Heuglin	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
31 Dec 1861	<i>Nycticejus flavigaster</i> Heuglin	<i>Scotophilus leucogaster</i> (Cretzschmar, 1826)
31 Dec 1861	<i>Nycticejus murino-flavus</i> Heuglin	<i>Scotophilus leucogaster</i> (Cretzschmar, 1826)
31 Dec 1861	<i>Nyctinomus (Dysopes) ventralis</i> Heuglin	<i>Tadarida ventralis</i> (Heuglin, 1861)
31 Dec 1861	<i>Nyctinomus bivittatus</i> Heuglin	<i>Chaerephon bivittatus</i> (Heuglin, 1861)
31 Dec 1861	<i>Phyllorhina bicornis</i> Heuglin	<i>Hipposideros caffer</i> (Sundevall, 1846)
31 Dec 1861	<i>Phyllorhina megalotis</i> Heuglin	<i>Hipposideros megalotis</i> (Heuglin, 1861)
31 Dec 1861	<i>Rhinolophus acrotis</i> Heuglin	<i>Rhinolophus clivosus</i> Cretzschmar, 1828
31 Dec 1861	<i>Rhinolophus miminus</i> Heuglin	<i>Rhinolophus hipposideros</i> (Bechstein, 1800)
31 Dec 1861	<i>Pterocyon</i> Peters	<i>Eidolon Rafinesque</i> , 1815
31 Dec 1861	<i>Pterocyon paleaceus</i> Peters	<i>Eidolon helvum helvum</i> (Kerr, 1792)
30 Jun 1862	<i>Sphyrocephalus</i> A. Murray	<i>Hypsignathus</i> H. Allen, 1862
30 Jun 1862	<i>Sphyrocephalus labrosus</i> A. Murray	<i>Hypsignathus monstrosus</i> H. Allen, 1862
30 Jun 1862	<i>Zygaenocephalus</i> A. Murray	<i>Hypsignathus</i> H. Allen, 1862
30 Jun 1862	<i>Zygaenocephalus labrosus</i> A. Murray	<i>Hypsignathus monstrosus</i> H. Allen, 1862
31 Jul 1862	<i>Epomophorus comptus</i> H. Allen	<i>Epomops franqueti</i> (Tomes, 1860)
31 Jul 1862	<i>Hypsignathus</i> H. Allen	<i>Hypsignathus</i> H. Allen, 1862
31 Dec 1862	<i>Hypsignathus monstrosus</i> H. Allen	<i>Hypsignathus monstrosus</i> H. Allen, 1862
31 Dec 1862	<i>Pteropus mollipilosus</i> H. Allen	<i>Eidolon helvum helvum</i> (Kerr, 1792)
31 Dec 1863	<i>Aristippe</i> Kolenati	<i>Eptesicus Rafinesque</i> , 1820
31 Dec 1864	<i>Megadermatidae</i> H. Allen	MEGADERMATIDAE H. Allen, 1864
31 Dec 1864	<i>Dysopes hepaticus</i> Heuglin	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)
31 Dec 1864	<i>Epomophorus anurus</i> Heuglin	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 May 1865	<i>Nycticejus nidicola</i> Kirk	<i>Kerivoula argentata</i> Tomes, 1861
31 Oct 1865	<i>Nyctinomus (Mormopterus) jugularis</i> Peters	<i>Mormopterus jugularis</i> (Peters, 1865)
31 Dec 1865	<i>Pteropus palmarum</i> Heuglin	<i>Eidolon helvum helvum</i> (Kerr, 1792)
31 Dec 1865	<i>Brachyura</i> Peters	EMBALLONURIDAE Gervais, 1855

Publication date	Original Name	Current Name
31 Dec 1865	<i>Mormopterus</i> Peters	<i>Mormopterus</i> Peters, 1865
31 Dec 1865	<i>Nycteris grandis</i> Peters	<i>Nycteris grandis</i> Peters, 1865
31 Dec 1865	<i>Nyctophilinae</i> Peters	<i>Vespertilioninae</i> Gray, 1821
1 Feb 1866	<i>Miniopterus</i> Gray	<i>Miniopterus</i> Bonaparte, 1837
1 Feb 1866	<i>Nyctophilina</i> Gray	VESPERTILIONIDAE Gray, 1821
1 Feb 1866	<i>Pachyomus</i> Gray	<i>Eptesicus Rafinesque</i> , 1820
1 Feb 1866	<i>Plecotina</i> Gray	VESPERTILIONIDAE Gray, 1821
1 Feb 1866	<i>Romiciana</i> Gray	VESPERTILIONIDAE Gray, 1821
1 Feb 1866	<i>Tralatius</i> Gray	<i>Myotis</i> Kaup, 1829
31 May 1866	<i>Chrysonycteris</i> Gray	<i>Hipposideros</i> Gray, 1831
31 May 1866	<i>Eunycteris</i> Gray	<i>Pteropus</i> Erxleben, 1777
31 May 1866	<i>Gloionycteris</i> Gray	<i>Hipposideros</i> Gray, 1831
31 May 1866	<i>Macronycteris</i> Gray	<i>Hipposideros</i> Gray, 1831
31 May 1866	<i>Nycterops</i> Gray	<i>Nycteris</i> G. Cuvier and E. Geoffroy, 1795
31 May 1866	<i>Nycterops pilosa</i> Gray	<i>Nycteris hispida</i> (Schreber, 1774)
31 May 1866	<i>Pelatia</i> Gray	<i>Nycteris</i> G. Cuvier and E. Geoffroy, 1795
31 May 1866	<i>Phyllotis</i> Gray	<i>Rhinolophus Lacépède</i> , 1799
31 May 1866	<i>Pteropus livingstonii</i> Gray	<i>Pteropus livingstonii</i> Gray, 1866
31 May 1866	<i>Rhinophylla</i> Gray	<i>Hipposideros</i> Gray, 1831
31 May 1866	<i>Speorifera</i> Gray	<i>Hipposideros</i> Gray, 1831
30 Sep 1866	<i>Scotophilus welwitschii</i> Gray	<i>Myotis welwitschii</i> (Gray, 1866)
31 Dec 1866	<i>Rhinopoma longicaudatum</i> Fitzinger	<i>Rhinopoma hardwickii</i> Gray, 1831
31 Dec 1866	<i>Rhinopoma sennaariense</i> Fitzinger	<i>Rhinopoma hardwickii</i> Gray, 1831
31 Dec 1866	<i>Xantharpyia leucomelas</i> Fitzinger	<i>Eidolon helvum helvum</i> (Kerr, 1792)
31 Dec 1866	<i>Plecotus ustus</i> Fitzinger and Heuglin	<i>Otonycteris hemprichii</i> Peters, 1859
31 Dec 1866	<i>Epomophorina</i> Gray	PTEROPODINAE Gray, 1821
31 Dec 1866	<i>Epomops</i> Gray	<i>Epomops</i> Gray, 1866
31 Dec 1866	<i>Macroglossina</i> Gray	MACROGLOSSINAE Gray, 1866
31 Dec 1866	MACROGLOSSINAE Gray	MACROGLOSSINAE Gray, 1866
31 Dec 1866	<i>Nycteris baikii</i> Gray	<i>Nycteris grandis</i> Peters, 1865
31 Dec 1866	<i>Rhinonycterina</i> Gray	HIPPOSIDERIDAE Lydekker, 1891
31 Dec 1866	<i>Rhinonycteris</i> Gray	<i>Hipposiderinae</i> Lydekker, 1891
31 Dec 1866	<i>Nycterides</i> Haeckel	VESPERTILIONIFORMI
31 Dec 1866	<i>Pterocynus</i> Haeckel	PTEROPODIFORMI
31 Dec 1866	<i>Plecotus aethiopicus</i> Heuglin	<i>Plecotus christii</i> Gray, 1838
31 Dec 1866	<i>Plecotus aethiopicus</i> Heuglin and Fitzinger	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
31 Dec 1866	<i>Vesperugo hypoleucus</i> Heuglin and Fitzinger	<i>Pipistrellus rueppellii rueppellii</i> (Fischer, 1829)
31 Dec 1866	<i>Vesperugo sennaariensis</i> Heuglin and Fitzinger	<i>Pipistrellus rueppellii rueppellii</i> (Fischer, 1829)
31 Dec 1866	ENTOMOPHAGA Murray	VESPERTILIONIFORMI
30 Apr 1867	<i>Cæloephyllus</i> Peters	<i>Rhinolophus Lacépède</i> , 1799
30 Apr 1867	<i>Pteropus dupréanus</i> Schlegel	<i>Eidolon dupreanum</i> (Schegel, 1867)
31 Dec 1867	<i>Pipistrellus minuta</i> Loche	<i>Pipistrellus kuhlii</i> (Kuhl, 1817)
31 Dec 1867	<i>Rhinolophus algirus</i> Loche	<i>Rhinolophus euryale</i> Blasius, 1853
31 Dec 1867	<i>Alobus</i> Peters	<i>Pipistrellus</i> Kaup, 1829
31 Dec 1867	<i>Coleura</i> Peters	<i>Coleura</i> Peters, 1867
31 Dec 1867	<i>Miniopterus minor</i> Peters	<i>Miniopterus minor</i> Peters, 1867
31 Dec 1867	<i>Pteropterus</i> Peters	<i>Myotis</i> Kaup, 1829
31 Dec 1867	<i>Rhinolophus blasii</i> Peters	<i>Rhinolophus blasii</i> Peters, 1867
31 Dec 1867	<i>Rhinolophus deckenii</i> Peters	<i>Rhinolophus deckenii</i> Peters, 1867
31 Dec 1868	<i>Nycteris geoffroyi</i> Var. <i>senegalensis</i> Hartmann	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
31 Dec 1868	<i>Rhinopoma sennarensis</i> Hartmann	<i>Rhinopoma hardwickii</i> Gray, 1831
31 Dec 1868	<i>sicula</i> Mina-Palumbo	<i>Nyctalus lasiopterus</i> (Schreber, 1780)
31 Dec 1868	<i>Epomophorus pusillus</i> Peters	<i>Micropteropus pusillus</i> (Peters, 1868)
31 Dec 1868	<i>Vesperus (Hesperoptenus) kraussii</i> Peters	<i>Glauconycteris poensis</i> (Gray, 1842)
30 Sep 1869	<i>Nyctinomus leucogaster</i> A. Grandidier	<i>Chaerephon leucogaster</i> (A. Grandidier, 1869)
30 Sep 1869	<i>Nyctinomus miarensis</i> A. Grandidier	<i>Mops (Mops) midas miarensis</i> (A. Grandidier, 1869)
31 Dec 1869	<i>Gymnorhinida</i> Fatio	VESPERTILIONIDAE Gray, 1821
31 Dec 1869	<i>maxima</i> Fatio	<i>Nyctalus lasiopterus</i> (Schreber, 1780)
31 Dec 1869	<i>Coleura seychellensis</i> Peters	<i>Coleura seychellensis</i> Peters, 1868
31 Dec 1869	<i>Rhinolophus aethiops</i> Peters	<i>Rhinolophus fumigatus</i> Rüppell, 1842
31 Dec 1869	<i>Vesperus bottae</i> Peters	<i>Eptesicus bottae</i> (Peters, 1869)
28 Feb 1870	<i>Nyctinomus unicolor</i> A. Grandidier	<i>Mops (Mops) midas miarensis</i> (A. Grandidier, 1869)
28 Feb 1870	<i>Vespertilio sylvicola</i> A. Grandidier	<i>Myotis goudoti</i> (A. Smith, 1834)
30 Nov 1870	<i>Nyctophilax</i> Fitzinger	<i>Kerivoula</i> Gray, 1842
31 Dec 1870	<i>Aëorestes</i> Fitzinger	<i>Myotis</i> Kaup, 1829
31 Dec 1870	<i>Comastes</i> Fitzinger	<i>Myotis</i> Kaup, 1829
31 Dec 1870	<i>Exochurus</i> Fitzinger	<i>Myotis</i> Kaup, 1829
31 Dec 1870	<i>Nyctiptenus</i> Fitzinger	<i>Eptesicus Rafinesque</i> , 1820
31 Dec 1870	<i>Rhinolophus eggenhöffner</i> Fitzinger	<i>Rhinolophus hipposideros</i> (Bechstein, 1800)
31 Dec 1870	<i>Cynopterus collaris</i> Gray	<i>Myonycteris (Myonycteris) torquata</i> (Dobson, 1878)
31 Dec 1870	<i>Eleutherura unicolor</i> Gray	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)

Publication date	Original Name	Current Name
31 Dec 1870	<i>Epomophorus macrocephalus</i> var. <i>angolensis</i> Gray	<i>Epomophorus angolensis</i> Gray, 1870
31 Dec 1870	<i>Epomophorus macrocephalus</i> var. <i>unicolor</i> Gray	<i>Epomophorus wahlbergi</i> (Sundevall, 1846)
31 Dec 1870	<i>Pselaphon</i> Gray	<i>Pteropus</i> Erxleben, 1777
31 Dec 1870	<i>Senonycteris</i> Gray	<i>Rousettus</i> Gray, 1821
31 Dec 1870	<i>Nyctinomus angolensis</i> Peters	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)
31 Dec 1870	<i>Vespertilio Bocagii</i> Peters	<i>Myotis bocagii</i> (Peters, 1870)
31 Dec 1870	<i>Vespertilio Bocagii</i> Peters	<i>Myotis bocagii bocagii</i> (Peters, 1870)
31 Dec 1870	<i>Vesperugo pusillulus</i> Peters	<i>Pipistrellus nanus</i> (Peters, 1852)
28 Dec 1871	<i>Triaenops</i> Dobson	<i>Triaenops</i> Dobson, 1871
28 Dec 1871	<i>Triaenops persicus</i> Dobson	<i>Triaenops persicus</i> Dobson, 1871
31 Dec 1871	<i>Stenonycteris</i> Gray	<i>Rousettus</i> Gray, 1821
31 Dec 1871	<i>Cyclorhina</i> Peters	<i>Hipposideros</i> Gray, 1831
31 Dec 1871	<i>Doryrhina</i> Peters	<i>Hipposideros</i> Gray, 1831
31 Dec 1871	<i>Nycteris angolensis</i> Peters	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
31 Dec 1871	<i>Nycteris damarensis</i> Peters	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
31 Dec 1871	<i>Ptychorhina</i> Peters	<i>Hipposideros</i> Gray, 1831
31 Dec 1871	<i>Sideroderma</i> Peters	<i>Hipposideros</i> Gray, 1831
31 Dec 1871	<i>Syldesmotus</i> Peters	<i>Hipposideros</i> Gray, 1831
31 Dec 1871	<i>Syndesmotis</i> Peters	<i>Hipposideros</i> Gray, 1831
31 Dec 1871	<i>Thyreorhina</i> Peters	<i>Hipposideros</i> Gray, 1831
31 Dec 1872	<i>Rhinopomatidae</i> Dobson	<i>RHINOPOMATIDAE</i> Dobson, 1872
31 Dec 1872	<i>ANIMALIVORA</i> Gill	<i>VESPERTILIONIFORMI</i>
31 Dec 1872	<i>Megaderma cor</i> Peters	<i>Cardioderma cor</i> (Peters, 1872)
31 Dec 1872	<i>Vesperus tenuipinnis</i> Peters	<i>Neoromicia tenuipinnis</i> (Peters, 1872)
23 Jun 1873	<i>Cardioderma</i> Peters	<i>Cardioderma</i> Peters, 1873
17 Oct 1874	<i>Nyctinomus (Chaerephon)</i> Dobson	<i>Chaerephon</i> Dobson, 1874
31 Dec 1874	<i>Emballonura atrata</i> Peters	<i>Emballonura atrata</i> Peters, 1874
1 Aug 1875	<i>Scotophilus gigas</i> Dobson	<i>Scotophilus nigrita</i> (Schreber, 1774)
1 Oct 1875	<i>Vespertilio murinus africanus</i> Dobson	<i>Myotis blythii</i> (Tomes, 1857)
31 Oct 1875	<i>Chalinolobus argentatus</i> Dobson	<i>Glauconycteris argentata</i> (Dobson, 1875)
31 Oct 1875	<i>Glauconycteris</i> Dobson	<i>Glauconycteris</i> Dobson, 1875
31 Oct 1875	<i>Vesperugo pulcher</i> Dobson	<i>Pipistrellus rueppellii pulcher</i> (Dobson, 1875)
1 Nov 1875	<i>Miniopteridae</i> Dobson	<i>MINIOPTERIDAE</i> Dobson, 1875
31 Dec 1875	<i>Macroglossi</i> Dobson	<i>MACROGLOSSINAE</i> Gray, 1866
31 Dec 1875	<i>MEGACHIROPTERA</i> Dobson	<i>PTEROPODIFORMI</i>
31 Dec 1875	<i>MICROCHIROPTERA</i> Dobson	<i>VESPERTILIONIFORMI</i>
31 Dec 1875	<i>MICROCHIROPTERA</i> Dobson	<i>PTEROPODIFORMI</i>
31 Dec 1875	<i>Miniopteri</i> Dobson	<i>VESPERTILIONIDAE</i> Gray, 1821
30 Apr 1876	<i>Taphonycteris</i> Dobson	<i>Saccolaimus</i> Temminck, 1838
1 May 1876	<i>Nyctinomus africanus</i> Dobson	<i>Tadarida ventralis</i> (Heuglin, 1861)
1 Dec 1876	<i>Vesperugo (Vesperus) grandidieri</i> Dobson	<i>Neoromicia capensis</i> (A. Smith, 1829)
31 Dec 1876	<i>Nycteris macrotis</i> Dobson	<i>Nycteris macrotis</i> Dobson, 1876
31 Dec 1876	<i>Epomophorus macrocephalus</i> Peters	<i>Hypsignathus monstrosus</i> H. Allen, 1862
30 Apr 1877	<i>Nyctinomus albiventer</i> Dobson	<i>Mormopterus jugularis</i> (Peters, 1865)
30 Apr 1877	<i>Nyctinomus cestoni</i> Dobson	<i>Tadarida ventralis</i> (Heuglin, 1861)
31 Dec 1877	<i>Dysopes talpinus</i> Heuglin	<i>Tadarida aegyptiaca aegyptiaca</i> (E. Geoffroy St.-Hilaire, 1818)
31 Dec 1877	<i>[Nycticejus] adovanus</i> Heuglin	<i>Nycticeinops schlieffenii</i> (Peters, 1859)
31 Dec 1877	<i>Nycticejus eriophora</i> Heuglin	<i>Kerivoula eriophora</i> (Heuglin, 1877)
31 Dec 1877	<i>Nycticejus serratus</i> Heuglin	<i>Taphozous nudiventris</i> Cretzschmar, 1830
31 Dec 1877	<i>Nycticejus serratus</i> Heuglin	<i>Scotophilus leucogaster</i> (Cretzschmar, 1826)
31 Dec 1877	<i>Rhinolophus macrocephalus</i> Heuglin	<i>Rhinolophus fumigatus</i> Rüppell, 1842
31 Dec 1877	<i>Rhinopoma cordofanicum</i> Heuglin	<i>Rhinopoma microphyllum</i> (Brünnich, 1782)
31 Dec 1877	<i>Rhinopoma senaarensis, potius senarensis</i> Heuglin	<i>Rhinopoma hardwickii</i> Gray, 1831
31 Dec 1877	<i>Taphozous maritimus</i> Heuglin	<i>Taphozous perforatus</i> E. Geoffroy St.-Hilaire, 1818
31 Dec 1877	<i>Vesperugo senarensis</i> Heuglin	<i>Pipistrellus rueppellii rueppellii</i> (Fischer, 1829)
31 Dec 1877	<i>Taphozoinae</i> Jerdon	<i>EMBALLONURIDAE</i> Gervais, 1855
31 Dec 1877	<i>Pteropus seychellensis</i> A. Milne-Edwards	<i>Pteropus seychellensis</i> A. Milne-Edwards, 1877
31 Dec 1877	<i>Triænops afer</i> Peters	<i>Triaenops persicus</i> Dobson, 1871
30 Jun 1878	<i>Cynonycteris torquata</i> Dobson	<i>Myonycteris (Myonycteris) torquata torquata</i> (Dobson, 1878)
30 Jun 1878	<i>Cynonycteris torquata</i> Dobson	<i>Myonycteris (Myonycteris) torquata</i> (Dobson, 1878)
30 Jun 1878	<i>Kerivoula africana</i> Dobson	<i>Kerivoula africana</i> Dobson, 1878
30 Jun 1878	<i>Kerivoula brunnea</i> Dobson	<i>Kerivoula lanosa</i> (A. Smith, 1847)
30 Jun 1878	<i>Nycteris aethiopica</i> Dobson	<i>Nycteris macrotis</i> Dobson, 1876
30 Jun 1878	<i>Pteropus rodricensis</i> Dobson	<i>Pteropus rodricensis</i> Dobson, 1878
30 Jun 1878	<i>Vesperugo maderensis</i> Dobson	<i>Pipistrellus maderensis</i> (Dobson, 1878)
31 Dec 1878	<i>Plecotus aegyptiacus</i> Dobson	<i>Plecotus christii</i> Gray, 1838
31 Dec 1878	<i>Myzopoda</i> A. Milne-Edwards and A. Grandidier	<i>Myzopoda</i> Milne-Edwards and A. Grandidier, 1878
31 Dec 1878	<i>Myzopoda aurita</i> A. Milne-Edwards and A. Grandidier	<i>Myzopoda aurita</i> Milne-Edwards and A. Grandidier, 1878

Publication date	Original Name	Current Name
	Grandidier	
31 Dec 1878	<i>Mormopterus setiger</i> Peters	<i>Platymops setiger</i> (Peters, 1878)
31 Dec 1878	<i>Mormopterus setiger</i> Peters	<i>Platymops setiger setiger</i> (Peters, 1878)
31 Dec 1878	<i>Rhinolophus hildebrandtii</i> Peters	<i>Rhinolophus hildebrandtii</i> Peters, 1878
30 Apr 1879	<i>Myxopoda</i> Dobson	<i>Myzopoda</i> Milne-Edwards and A. Grandidier, 1878
30 Apr 1879	<i>Nyctinomus bemmeleni</i> Jentink	<i>Chaerephon bemmeleni</i> (Jentink, 1879)
30 Apr 1879	<i>Taphozous dobsoni</i> Jentink	<i>Taphozous mauritanus</i> E. Geoffroy St.-Hilaire, 1818
31 Dec 1879	<i>Boneia</i> Jentink	<i>Rousettus</i> Gray, 1821
30 Apr 1880	<i>Epomophorus minor</i> Dobson	<i>Epomophorus labiatus minor</i> Dobson, 1880
30 Apr 1880	<i>Epomophorus minor</i> Dobson	<i>Epomophorus labiatus</i> (Temminck, 1837)
1 Aug 1880	<i>Kerivoula Smithii</i> Thomas	<i>Kerivoula smithii</i> Thomas, 1880
1 Aug 1880	<i>Vesperugo (Vesperus) brunneus</i> Thomas	<i>Neoromicia brunneus</i> (Thomas, 1880)
31 Dec 1880	<i>Vesperugo (Vesperus) serotinus isabellinus</i> Dobson	<i>Eptesicus serotinus</i> (Schreber, 1774)
31 Dec 1880	<i>Pteropus comorensis</i> Wallace	<i>Pteropus seychellensis</i> A. Milne-Edwards, 1877
30 Apr 1881	<i>Leiponyx</i> Jentink	<i>Eidolon Rafinesque</i> , 1815
30 Apr 1881	<i>Leiponyx büttikoferi</i> Jentink	<i>Eidolon helvum helvum</i> (Kerr, 1792)
31 Dec 1881	<i>Phyllorhina tridens murraiana</i> Andersen	<i>Asellia tridens</i> (E. Geoffroy St.-Hilaire, 1813)
31 Dec 1881	<i>Scotophilus robustus</i> A. Milne-Edwards	<i>Scotophilus robustus</i> A. Milne-Edwards, 1881
31 Dec 1881	<i>Triænopis Humbloti</i> A. Milne-Edwards	<i>Triænopis rufus</i> Milne-Edwards, 1881
31 Dec 1881	<i>Triænopis rufus</i> A. Milne-Edwards	<i>Triænopis rufus</i> Milne-Edwards, 1881
31 Dec 1881	<i>Vesperus humbloti</i> A. Milne-Edwards	<i>Neoromicia humbloti</i> (A. Milne-Edwards, 1881)
31 Dec 1881	<i>Harpyiinae</i> Robin	<i>PTEROPODINAE</i> Gray, 1821
31 Dec 1881	<i>Nycteris Revoilii</i> Robin	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
31 Dec 1882	<i>Liponyx</i> Forbes	<i>Eidolon Rafinesque</i> , 1815
27 Apr 1885	<i>Megaloglossus</i> Pagenstecher	<i>Megaloglossus</i> Pagenstecher, 1885
27 Apr 1885	<i>Megaloglossus woermanni</i> Pagenstecher	<i>Megaloglossus woermanni</i> Pagenstecher, 1885
22 May 1885	<i>Rhinolophus antinorii</i> Dobson	<i>Rhinolophus fumigatus</i> Rüppell, 1842
31 Dec 1885	<i>Taphozous perforatus</i> var. <i>assabensis</i> Monticelli	<i>Taphozous nudiventris</i> Cretzschmar, 1830
31 Dec 1886	<i>Vesperugo capensis</i> ? Nehring	<i>Neoromicia capensis</i> (A. Smith, 1829)
7 May 1887	<i>Phyllorhina commersonii</i> var. <i>marungensis</i> Noack	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)
7 May 1887	<i>Scotophilus minimus</i> Noack	<i>Nycticeinops schlieffenii</i> (Peters, 1859)
25 Jul 1887	<i>Vesperugo (Vesperus) innesi</i> Lataste	<i>Eptesicus bottae</i> (Peters, 1869)
31 Dec 1887	<i>Scotophilus darwini</i> Doria	<i>Hypsugo savii</i> (Bonaparte, 1837)
30 Apr 1888	<i>Epomophorus veldkampii</i> Jentink	<i>Nanonycteris veldkampii</i> (Jentink, 1888)
30 Apr 1888	<i>Vesperugo stampflii</i> Jentink	<i>Pipistrellus nanus</i> (Peters, 1852)
28 Feb 1889	<i>Chalinolobus conigicus</i> Noack	<i>Glauconycteris argentata</i> (Dobson, 1875)
28 Feb 1889	<i>Vesperugo pagenstecheri</i> Noack	<i>Pipistrellus nanus</i> (Peters, 1852)
28 Feb 1889	<i>Vesperus damarensis</i> Noack	<i>Neoromicia capensis</i> (A. Smith, 1829)
28 Feb 1889	<i>Vesperus pusillus</i> Noack	<i>Pipistrellus nanus</i> (Peters, 1852)
31 Mar 1889	<i>Vesperus bicolor</i> Barboza du Bocage	<i>Neoromicia tenuipinnis</i> (Peters, 1872)
31 Mar 1889	<i>Epomophorus dobsonii</i> Bocage	<i>Epomops dobsonii</i> (Bocage, 1889)
31 Mar 1889	<i>Vesperus guineensis</i> Bocage	<i>Neoromicia guineensis</i> (Bocage, 1889)
1 Apr 1889	<i>Vesperugo (Vesperus) Rendalli</i> Thomas	<i>Neoromicia rendalli</i> (Thomas, 1889)
31 Dec 1889	<i>PTETICA</i> Ameghino	<i>CHIROPTERA</i> Blumenbach, 1779
31 Dec 1889	<i>Miniopterus newtoni</i> Barboza du Bocage	<i>Miniopterus minor</i> Peters, 1867
31 Dec 1889	<i>Cynonycteris brachycephala</i> Bocage	<i>Myonycteris (Phygetis) brachycephala</i> (Bocage, 1889)
31 Dec 1889	<i>Epomophorus pusillus</i> Noack	<i>Micropteropus intermedius</i> Hayman, 1963
31 Dec 1889	<i>Vesperus tenuipennis</i> Noack	<i>Neoromicia tenuipinnis</i> (Peters, 1872)
3 Feb 1890	<i>Scotophilus albofuscus</i> Thomas	<i>Scotoecus albofuscus</i> (Thomas, 1890)
1 Mar 1891	<i>Nyctinomus lobatus</i> Thomas	<i>Tadarida lobata</i> (Thomas, 1891)
1 Jun 1891	<i>Vesperugo (Vesperus) moloneyi</i> Thomas	<i>Mimetillus moloneyi</i> (Thomas, 1891)
31 Aug 1891	<i>N(yctinomus) taeniotis</i> Thomas	<i>Tadarida ventralis</i> (Heuglin, 1861)
30 Sep 1891	<i>Phyllorhina commersoni</i> var. <i>thomensis</i> Bocage	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)
31 Dec 1891	<i>Cerivoula</i> Blanford	<i>Kerivoula</i> Gray, 1842
31 Dec 1891	<i>Carponycterinae</i> Lydekker	<i>MACROGLOSSINAE</i> Gray, 1866
31 Dec 1891	<i>Hipposiderinae</i> Lydekker	<i>Hipposiderinae</i> Lydekker, 1891
31 Dec 1891	<i>Hipposiderinae</i> Lydekker	<i>HIPPOSIDERIDAE</i> Lydekker, 1891
31 Dec 1891	<i>Trygonycteris</i> Lydekker	<i>Megaloglossus</i> Pagenstecher, 1885
31 Dec 1891	<i>Nyctinomus taeniotis</i> Thomas	<i>Tadarida teniotis</i> (Rafinesque, 1814)
19 Jan 1892	<i>Adelonycteris</i> H. Allen	<i>Eptesicus Rafinesque</i> , 1820
31 Dec 1892	<i>Miniopterus</i> Winge	<i>Miniopterus</i> Bonaparte, 1837
14 Jul 1893	<i>Pteropus aldabrensis</i> True	<i>Pteropus aldabrensis</i> True, 1893
23 Dec 1893	<i>Phyllorhina rubra</i> Noack	<i>Hipposideros ruber</i> (Noack, 1893)
31 Dec 1893	<i>Nycteridae</i> Schulze	<i>VESPERTILIONIDAE</i> Gray, 1821
31 Dec 1894	<i>Scotonycteris</i> Matschie	<i>Scotonycteris</i> Matschie, 1894
31 Dec 1894	<i>Scotonycteris zenkeri</i> Matschie	<i>Scotonycteris zenkeri</i> Matschie, 1894
5 Apr 1895	<i>Pteropus pteropus</i> Merriam	<i>Pteropus niger</i> (Kerr, 1792)
31 Dec 1895	<i>Myonycteris</i> Matschie	<i>Myonycteris (Myonycteris)</i> Matschie, 1899
31 Oct 1897	<i>Nyctinomus martiensseni</i> Matschie	<i>Otomops martiensseni martiensseni</i> (Matschie, 1897)
31 Oct 1897	<i>Nyctinomus martiensseni</i> Matschie	<i>Otomops martiensseni</i> (Matschie, 1897)

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1 Dec 1897	<i>Rhinolophus micaceus</i> de Winton	<i>Hipposideros cyclops</i> (Temminck, 1853)
31 Dec 1897	<i>Rhinolophus maclaudi</i> Pousargues	<i>Rhinolophus maclaudi</i> Pousargues, 1897
31 Dec 1897	<i>midas</i> Schulze	<i>Tadarida teniotis</i> (Rafinesque, 1814)
31 Dec 1897	<i>Nyctinomus pumilus</i> var. <i>major</i> Trouessart	<i>Chaerephon major</i> (Trouessart, 1897)
31 Dec 1897	<i>Nyctinomus vemmeleni</i> Trouessart	<i>Chaerephon bemmelini</i> (Jentink, 1879)
31 Dec 1897	<i>Vesperugo (Vesperus) serotinus</i> var. <i>gabonensis</i> Trouessart	<i>Eptesicus serotinus</i> (Schreber, 1774)
30 Jun 1898	<i>Cynonycteris angolensis</i> Bocage	<i>Lissonycteris angolensis</i> (Bocage, 1898)
30 Jun 1898	<i>Cynonycteris angolensis</i> Bocage	<i>Lissonycteris angolensis angolensis</i> (Bocage, 1898)
30 Jun 1898	<i>Epomophorus guineensis</i> Bocage	<i>Epomophorus gambianus</i> (Ogilby, 1835)
30 Jun 1898	<i>Epomophorus guineensis</i> Bocage	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)
31 Dec 1898	<i>Kiodotinae</i> Palmer	<i>MACROGLOSSINAE</i> Gray, 1866
31 Dec 1898	<i>brachycephalus</i> Seabra	<i>Myonycteris (Phygetis) brachycephala</i> (Bocage, 1889)
31 Dec 1898	<i>Phyllorhina angolensis</i> Seabra	<i>Hipposideros caffer</i> (Sundevall, 1846)
31 Dec 1898	<i>Rhinolophus angolensis</i> Seabra	<i>Rhinolophus landeri</i> Martin, 1838
1 Nov 1899	<i>Scotophilus hirundo</i> de Winton	<i>Scotoecus hirundo</i> (de Winton, 1899)
1 Nov 1899	<i>Scotophilus nigrifellus</i> de Winton	<i>Scotophilus viridis</i> (Peters, 1852)
31 Dec 1899	<i>Euvespertilio</i> Acloque	<i>Myotis</i> Kaup, 1829
31 Dec 1899	<i>Euvesperugo</i> Acloque	<i>Pipistrellus</i> Kaup, 1829
31 Dec 1899	<i>Ep[omophorus (Epomophorus)] büttikoferi</i> Matschie	<i>Epomops buettikoferi</i> (Matschie, 1899)
31 Dec 1899	<i>Ep[omophorus (Epomophorus)] doriae</i> Matschie	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1899	<i>Ep[omophorus (Epomophorus)] neumanni</i> Matschie	<i>Epomophorus wahlbergi</i> (Sundevall, 1846)
31 Dec 1899	<i>Ep[omophorus (Epomophorus)] stuhlmanni</i> Matschie	<i>Epomophorus wahlbergi</i> (Sundevall, 1846)
31 Dec 1899	<i>Ep[omophorus (Epomophorus)] zechi</i> Matschie	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)
31 Dec 1899	<i>Ep[omophorus (Epomophorus)] zenkeri</i> Matschie	<i>Epomophorus wahlbergi</i> (Sundevall, 1846)
31 Dec 1899	<i>Hypsignathus haldemani</i> Matschie	<i>Hypsignathus monstrosus</i> H. Allen, 1862
31 Dec 1899	<i>Micropteropus</i> Matschie	<i>Micropteropus</i> Matschie, 1899
31 Dec 1899	<i>Myonycteris</i> Matschie	<i>Myonycteris</i> Matschie, 1899
31 Dec 1899	<i>Nanonycteris</i> Matschie	<i>Nanonycteris</i> Matschie, 1899
31 Dec 1899	<i>Sericonycteris</i> Matschie	<i>Pteropus</i> Erxleben, 1777
31 Dec 1899	<i>Vespertilio venustus</i> Matschie	<i>Myotis welwitschii</i> (Gray, 1866)
31 Aug 1900	<i>Epomophorus anchietae</i> de Seabra	<i>Plerotes anchietae</i> (de Seabra, 1900)
31 Aug 1900	<i>Vesperugo anchietae</i> de Seabra	<i>Hypsugo anchietae</i> (de Seabra, 1900)
31 Aug 1900	<i>Nyctinomus anchietae</i> Seabra	<i>Tadarida aegyptiaca bocagei</i> (Seabra, 1900)
31 Aug 1900	<i>Nyctinomus bocagei</i> Seabra	<i>Tadarida aegyptiaca bocagei</i> (Seabra, 1900)
31 Aug 1900	<i>Nyctinomus brunneus</i> Seabra	<i>Tadarida aegyptiaca bocagei</i> (Seabra, 1900)
31 Aug 1900	<i>Taphozous maritimus</i> var. <i>cinerascens</i> Seabra	<i>Taphozous mauritianus</i> E. Geoffroy St.-Hilaire, 1818
1 Dec 1900	<i>Mormopterus whitleyi</i> Scharff	<i>Myopterus whitleyi</i> (Scharff, 1900)
28 Dec 1900	<i>Pipistrellus minusculus</i> Miller	<i>Pipistrellus nanus</i> (Peters, 1852)
31 Dec 1900	<i>Epomophorus anchietae</i> de Seabra	<i>Plerotes anchietae</i> (de Seabra, 1900)
31 Dec 1900	<i>Vesperugo (Vesperus) flavescens</i> de Seabra	<i>Neoromicia flavescens</i> (de Seabra, 1900)
31 Dec 1900	<i>Minneopterus</i> Lampe	<i>Miniopterus</i> Bonaparte, 1837
31 Dec 1900	<i>Vespertilio tenuipennis</i> Miller	<i>Neoromicia tenuipinnis</i> (Peters, 1872)
31 Dec 1900	<i>Nycteris thebaica fuliginosa</i> Seabra	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1 Jan 1901	<i>Glauconycteris floweri</i> de Winton	<i>Eptesicus floweri</i> (de Winton, 1901)
1 Jan 1901	<i>N(yctinomus) midas</i> de Winton	<i>Tadarida ventralis</i> (Heuglin, 1861)
1 Jan 1901	<i>Nyctinomus emini</i> de Winton	<i>Chaerephon major</i> (Trouessart, 1897)
1 Jan 1901	<i>Nyctinomus gambianus</i> de Winton	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)
1 Mar 1901	<i>Scotoecus</i> Thomas	<i>Scotoecus</i> Thomas, 1901
1 Mar 1901	<i>Scotoecus hindei</i> Thomas	<i>Scotoecus hindei</i> Thomas, 1901
30 Apr 1901	<i>Kerivoula harrisoni</i> Thomas	<i>Kerivoula lanosa</i> (A. Smith, 1847)
1 May 1901	<i>Læphotis</i> Thomas	<i>Læphotis</i> Thomas, 1901
1 May 1901	<i>Læphotis Wintoni</i> Thomas	<i>Læphotis wintoni</i> Thomas, 1901
1 Jul 1901	<i>Cloetis</i> Thomas	<i>Cloetis</i> Thomas, 1901
1 Jul 1901	<i>Cloetis Percivali</i> Thomas	<i>Cloetis percivali</i> Thomas, 1901
1 Jul 1901	<i>Nycteris aethiopica luteola</i> Thomas	<i>Nycteris macrotis</i> Dobson, 1876
1 Jul 1901	<i>Pipistrellus Kuhlii fuscatus</i> Thomas	<i>Pipistrellus hesperidus hesperidus</i> (Temminck, 1840)
1 Jul 1901	<i>Pterygistes azureum</i> Thomas	<i>Nyctalus azureum</i> (Thomas, 1901)
1 Jul 1901	<i>Vespertilio minutus somalicus</i> Thomas	<i>Neoromicia somalicus</i> (Thomas, 1901)
1 Jul 1901	<i>Vespertilio platyops</i> Thomas	<i>Eptesicus platyops</i> (Thomas, 1901)
1 Sep 1901	<i>Glauconycteris beatrix</i> Thomas	<i>Glauconycteris beatrix</i> Thomas, 1901
31 Dec 1901	<i>Euryalus</i> Matschie	<i>Rhinolophus</i> Lacépède, 1799
31 Dec 1901	<i>Rhinolophus mehelyi</i> Matschie	<i>Rhinolophus mehelyi</i> Matschie, 1901
31 Oct 1902	<i>Pipistrellus deserti</i> Thomas	<i>Pipistrellus deserti</i> Thomas, 1902
31 Dec 1902	<i>Syndesmotus</i> Waterhouse	<i>Hipposideros</i> Gray, 1831
1 May 1903	<i>Rhinopoma cystops</i> Thomas	<i>Rhinopoma hardwickii</i> Gray, 1831

Publication date	Original Name	Current Name
1 May 1903	<i>Rhinopoma hardwickei</i> Thomas	<i>Rhinopoma hardwickii</i> Gray, 1831
1 Nov 1903	<i>Nyctinomus cisturus</i> Thomas	<i>Chaerephon bemmellini</i> (Jentink, 1879)
1 Nov 1903	<i>Nyctinomus demonstrator</i> Thomas	<i>Mops (Mops) demonstrator</i> (Thomas, 1903)
1 Nov 1903	<i>Nyctinomus fulminans</i> Thomas	<i>Tadarida fulminans</i> (Thomas, 1903)
1 Dec 1903	<i>Miniopterus inflatus</i> Thomas	<i>Miniopterus inflatus inflatus</i> Thomas, 1903
1 Dec 1903	<i>Miniopterus inflatus</i> Thomas	<i>Miniopterus inflatus</i> Thomas, 1903
1 Dec 1903	<i>Nycteris arge</i> Thomas	<i>Nycteris arge</i> Thomas, 1903
1 Dec 1903	<i>Nyctinomus thersites</i> Thomas	<i>Mops (Xiphonycteris) thersites</i> (Thomas, 1903)
1 Mar 1904	<i>Myotis Hildegardææ</i> Thomas	<i>Myotis bocagii bocagii</i> (Peters, 1870)
1 Mar 1904	<i>Nyctinomus hindei</i> Thomas	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)
1 Mar 1904	<i>Pipistrellus crassulus</i> Thomas	<i>Hypsugo crassulus</i> (Thomas, 1904)
1 Mar 1904	<i>Scotophilus nigrata colias</i> Thomas	<i>Scotophilus dinganii</i> (A. Smith, 1833)
1 Mar 1904	<i>Scotophilus nigrata nux</i> Thomas	<i>Scotophilus nux</i> Thomas, 1904
8 Mar 1904	<i>Scotonycteris bedfordi</i> Thomas	<i>Scotonycteris zenkeri</i> Matschie, 1894
1 May 1904	<i>Hipposideros Commersoni mostellum</i> Thomas	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)
1 May 1904	<i>Rhinolophus Denti</i> Thomas	<i>Rhinolophus denti</i> Thomas, 1904
1 Jun 1904	<i>Myotis Bocagei cupreolus</i> Thomas	<i>Myotis bocagii cupreolus</i> Thomas, 1904
1 Aug 1904	<i>Pipistrellus ariel</i> Thomas	<i>Hypsugo ariel</i> (Thomas, 1904)
1 Aug 1904	<i>Rhinolophus Andersoni</i> Thomas	<i>Rhinolophus clivosus</i> Cretzschmar, 1828
1 Aug 1904	<i>Rhinolophus Dobsoni</i> Thomas	<i>Rhinolophus landeri</i> Martin, 1838
31 Aug 1904	<i>Pipistrellus nanulus</i> Thomas	<i>Pipistrellus nanulus</i> Thomas, 1904
1 Oct 1904	<i>Myzopodidae</i> Thomas	<i>MYZOPODIDAE</i> Thomas, 1904
1 Nov 1904	<i>Rhinolophus augur</i> K. Andersen	<i>Rhinolophus clivosus</i> Cretzschmar, 1828
1 Nov 1904	<i>Rhinolophus augur zambesiensis</i> K. Andersen	<i>Rhinolophus clivosus</i> Cretzschmar, 1828
1 Nov 1904	<i>Rhinolophus empusa</i> K. Andersen	<i>Rhinolophus blasii</i> Peters, 1867
1 Nov 1904	<i>Rhinolophus simulator</i> K. Andersen	<i>Rhinolophus simulator</i> K. Andersen, 1904
22 Nov 1904	<i>Mimetillus</i> Thomas	<i>Mimetillus</i> Thomas, 1904
31 Dec 1904	<i>E[uryalus] atlanticus</i> K. Andersen and Matschie	<i>Rhinolophus euryale</i> Blasius, 1853
31 Dec 1904	<i>E[uryalus] barbarus</i> K. Andersen and Matschie	<i>Rhinolophus euryale</i> Blasius, 1853
31 Dec 1904	<i>E[uryalus] Cabrerae</i> K. Andersen and Matschie	<i>Rhinolophus euryale</i> Blasius, 1853
31 Dec 1904	<i>E[uryalus] meridionalis</i> K. Andersen and Matschie	<i>Rhinolophus euryale</i> Blasius, 1853
31 Dec 1904	<i>Myotis Escalerae</i> Cabrera	<i>Myotis nattereri</i> (Kuhl, 1817)
31 Dec 1904	<i>Nyctinomus hindei</i> Thomas	<i>Scotoecus hindei</i> Thomas, 1901
31 Dec 1904	<i>Epomophorus pousarguesi</i> Trouessart	<i>Epomophorus gambianus pousarguesi</i> Trouessart, 1904
1 Jan 1905	<i>Rhinolophus acrotis brachygnatus</i> K. Andersen	<i>Rhinolophus clivosus</i> Cretzschmar, 1828
1 Jan 1905	<i>Rhinolophus darlingi</i> K. Andersen	<i>Rhinolophus darlingi</i> K. Andersen, 1905
1 Jan 1905	<i>Rhinolophus fumigatus exsul</i> K. Andersen	<i>Rhinolophus fumigatus</i> Rüppell, 1842
1 Jan 1905	<i>Rhinolophus Hildebrandti eloquens</i> K. Andersen	<i>Rhinolophus eloquens</i> K. Andersen, 1905
1 Jan 1905	<i>Glauconycteris papilio</i> Thomas	<i>Glauconycteris variegata</i> (Tomes, 1861)
10 Aug 1905	<i>Vespertilio capensis gracilior</i> Thomas and Schwann	<i>Neoromicia capensis</i> (A. Smith, 1829)
10 Aug 1905	<i>Vespertilio matroka</i> Thomas and Schwann	<i>Neoromicia matroka</i> (Thomas and Schwann, 1905)
30 Sep 1905	<i>Rhinolophus andreinii</i> Senna	<i>Rhinolophus blasii</i> Peters, 1867
7 Oct 1905	<i>Rhinolophus hipposiderus typicus</i> K. Andersen	<i>Rhinolophus hipposiderus</i> (Bechstein, 1800)
1 Nov 1905	<i>Eomops</i> Thomas	<i>Myopterus</i> E. Geoffroy St.-Hilaire, 1818
9 Dec 1905	<i>Lavia rex</i> Miller	<i>Lavia frons</i> (E. Geoffroy St.-Hilaire, 1810)
31 Dec 1905	<i>Scotophilus schliefferi</i> Schwann	<i>Nycticeinops schliefferi</i> (Peters, 1859)
1 Jan 1906	<i>H[ipposiderus]. gigas gambiensis</i> K. Andersen	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)
1 Jan 1906	<i>Pterygistes madeira</i> Barrett-Hamilton	<i>Nyctalus leisleri</i> (Kuhl, 1817)
1 Feb 1906	<i>Miniopterus Majori</i> Thomas	<i>Miniopterus majori</i> Thomas, 1906
1 Feb 1906	<i>Miniopterus manavi</i> Thomas	<i>Miniopterus manavi</i> Thomas, 1906
1 Feb 1906	<i>Scotophilus damarensis</i> Thomas	<i>Scotophilus leucogaster</i> (Cretzschmar, 1826)
1 Feb 1906	<i>Scotophilus nigrata herero</i> Thomas	<i>Scotophilus dinganii</i> (A. Smith, 1833)
1 Mar 1906	<i>Hipposiderus beatus</i> K. Andersen	<i>Hipposiderus beatus</i> (K. Andersen, 1906)
1 Mar 1906	<i>Hipposiderus caffer centralis</i> K. Andersen	<i>Hipposiderus ruber</i> (Noack, 1893)
1 Mar 1906	<i>Hipposiderus caffer guineensis</i> K. Andersen	<i>Hipposiderus ruber</i> (Noack, 1893)
1 May 1906	<i>Platymops</i> Thomas	<i>Platymops</i> Thomas, 1906
1 May 1906	<i>Platymops Macmillani</i> Thomas	<i>Platymops setiger macmillani</i> Thomas, 1906
4 Jun 1906	<i>Pizonyx</i> Miller	<i>Myotis</i> Kaup, 1829
4 Jun 1906	<i>Rhinopterus</i> Miller	<i>Eptesicus Rafinesque</i> , 1820
7 Jun 1906	<i>Miniopterus fraterculus</i> Thomas and Schwann	<i>Miniopterus fraterculus</i> Thomas and Schwann, 1906

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31 Jul 1906	<i>Hipposiderus tephros</i> Cabrera	<i>Hipposideros caffer</i> (Sundevall, 1846)
1 Aug 1906	<i>Rousettus lanosus</i> Thomas	<i>Rousettus lanosus</i> Thomas, 1906
1 Oct 1906	<i>Kerivoula muscilla</i> Thomas	<i>Kerivoula lanosa</i> (A. Smith, 1847)
31 Dec 1906	<i>Triænops furcula</i> Trouessart	<i>Triænops furculus</i> Trouessart, 1906
21 Jan 1907	<i>Nyctinomus aloysii-sabaudiae</i> Festa	<i>Chaerephon aloysiisabaudiae</i> (Festa, 1907)
1 Feb 1907	<i>Lavia frons affinis</i> K. Andersen and Wroughton	<i>Lavia frons</i> (E. Geoffroy St.-Hilaire, 1810)
27 Jun 1907	<i>Rhinopomidae</i> Miller	<i>RHINOPOMATIDAE</i> Dobson, 1872
29 Jun 1907	<i>Desmalopex</i> Miller	<i>Pteropus</i> Erxleben, 1777
29 Jun 1907	<i>Diclidurinae</i> Miller	<i>EMBALLONURIDAE</i> Gervais, 1855
29 Jun 1907	<i>Harpyionycterinae</i> Miller	<i>PTEROPODINAE</i> Gray, 1821
1 Sep 1907	<i>Pteropus masarinus</i> Mason	<i>Pteropus rodricensis</i> Dobson, 1878
1 Dec 1907	<i>Plecotus teneriffae</i> Barrett-Hamilton	<i>Plecotus teneriffae teneriffae</i> Barrett-Hamilton, 1907
1 Dec 1907	<i>Plecotus teneriffae</i> Barrett-Hamilton	<i>Plecotus teneriffae</i> Barrett-Hamilton, 1907
31 Dec 1907	<i>Kerivoulinae</i> Miller	<i>Kerivoulinae</i> Miller, 1907
30 Apr 1908	<i>Rhinolophus swinnyi</i> Gough	<i>Rhinolophus swinnyi</i> Gough, 1908
31 Jul 1908	<i>Scabrier notius</i> G.M. Allen	<i>Neoromicia capensis</i> (A. Smith, 1829)
31 Jul 1908	<i>Scabrifer</i> G.M. Allen	<i>Neoromicia</i> Roberts, 1926
1 Oct 1908	<i>Pteropus rufus princeps</i> K. Andersen	<i>Pteropus rufus</i> E. Geoffroy St.-Hilaire, 1803
1 Oct 1908	<i>Nyctinomus leonis</i> Thomas	<i>Mops (Xiphonycteris) brachypterus</i> (Peters, 1852)
1 Oct 1908	<i>Rousettus smithii</i> Thomas	<i>Lissonycteris smithii</i> (Thomas, 1908)
30 Oct 1908	<i>Scoteinus schlieffeni albiventer</i> Thomas and Wroughton	<i>Nycticeinops schlieffenii</i> (Peters, 1859)
30 Oct 1908	<i>Scoteinus schlieffeni australis</i> Thomas and Wroughton	<i>Nycticeinops schlieffenii</i> (Peters, 1859)
1 Nov 1908	<i>Myonycteris leptodon</i> K. Andersen	<i>Myonycteris (Myonycteris) torquata leptodon</i> K. Andersen, 1908
1 Nov 1908	<i>Myonycteris wroughtoni</i> K. Andersen	<i>Myonycteris (Myonycteris) torquata wroughtoni</i> K. Andersen, 1908
1 Dec 1908	<i>Chaerephon pumila websteri</i> Dollman	<i>Chaerephon leucogaster</i> (A. Grandidier, 1869)
31 Dec 1908	<i>Rousettus sjøstedti</i> Lönnberg	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)
1 Aug 1909	<i>Taphozous hildegardeae</i> Thomas	<i>Taphozous hildegardeae</i> Thomas, 1909
31 Oct 1909	<i>Pteropus (Spectrum) voeltzkowi</i> Matschie	<i>Pteropus voeltzkowi</i> Matschie, 1909
1 Nov 1909	<i>Miniopterus breyeri</i> Jameson	<i>Miniopterus natalensis</i> (A. Smith, 1833)
1 Dec 1909	<i>Rousettus kempii</i> Thomas	<i>Rousettus lanosus</i> Thomas, 1906
1 Dec 1909	<i>Scotoecus albigula</i> Thomas	<i>Scotoecus albigula</i> Thomas, 1909
1 Jan 1910	<i>Epomops franqueti strepitans</i> K. Andersen	<i>Epomops franqueti</i> (Tomes, 1860)
1 Jan 1910	<i>Plerotes</i> K. Andersen	<i>Plerotes</i> K. Andersen, 1910
1 Feb 1910	<i>Rhinolophus brockmani</i> Thomas	<i>Rhinolophus blasii</i> Peters, 1867
1 Jul 1910	<i>Casinycteris</i> Thomas	<i>Casinycteris</i> Thomas, 1910
1 Jul 1910	<i>Casinycteris argynnis</i> Thomas	<i>Casinycteris argynnis</i> Thomas, 1910
31 Dec 1910	<i>Chrysopteron</i> Jentink	<i>Myotis</i> Kaup, 1829
31 Dec 1910	<i>Petalidae</i> Miller	<i>NYCTERIDAE</i> Van der Hoeven, 1855
31 Dec 1910	<i>Rhinolophus blasiusi</i> Trouessart	<i>Rhinolophus blasii</i> Peters, 1867
1 Feb 1911	<i>Xiphonycteris</i> Dollman	<i>Mops (Xiphonycteris)</i> Dollman, 1911
1 Feb 1911	<i>Xiphonycteris spurrelli</i> Dollman	<i>Mops (Xiphonycteris) spurrelli</i> (Dollman, 1911)
29 Apr 1911	<i>Pipistrellus culex</i> Thomas	<i>Pipistrellus nanus</i> (Peters, 1852)
1 Oct 1911	<i>Chaerephon emini</i> Wroughton	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)
31 Dec 1911	<i>Eptesicus phasma</i> G.M. Allen	<i>Neoromicia rendalli</i> (Thomas, 1889)
31 Dec 1911	<i>Nycticeius africanus</i> G.M. Allen	<i>Nycticeinops schlieffenii</i> (Peters, 1859)
25 Jan 1912	<i>Triænops aurita</i> G. Grandidier	<i>Triænops auritus</i> G. Grandidier, 1912
1 Jul 1912	<i>Kerivoula cuprosa</i> Thomas	<i>Kerivoula cuprosa</i> Thomas, 1912
1 Aug 1912	<i>Cistugo</i> Thomas	<i>Cistugo</i> Thomas, 1912
1 Aug 1912	<i>Cistugo seabrae</i> Thomas	<i>Cistugo seabrae</i> Thomas, 1912
1 Sep 1912	<i>Kerivoula phalaena</i> Thomas	<i>Kerivoula phalaena</i> Thomas, 1912
1 Nov 1912	<i>Petalia aurita</i> K. Andersen	<i>Nycteris aurita</i> (K. Andersen, 1912)
1 Nov 1912	<i>Petalia damarensis brockmani</i> K. Andersen	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1 Nov 1912	<i>Petalia damarensis media</i> K. Andersen	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1 Nov 1912	<i>Petalia gambiensis</i> K. Andersen	<i>Nycteris gambiensis</i> (K. Andersen, 1912)
1 Nov 1912	<i>Petalia major</i> K. Andersen	<i>Nycteris major</i> (K. Andersen, 1912)
1 Nov 1912	<i>Petalia nana</i> K. Andersen	<i>Nycteris nana</i> (K. Andersen, 1912)
4 Nov 1912	<i>Miniopterus natalensis arenarius</i> Heller	<i>Miniopterus natalensis</i> (A. Smith, 1833)
4 Nov 1912	<i>Pipistrellus aero</i> Heller	<i>Pipistrellus aero</i> Heller, 1912
4 Nov 1912	<i>Pipistrellus helios</i> Heller	<i>Neoromicia helios</i> (Heller, 1912)
31 Dec 1912	<i>Cynopterinae</i> K. Andersen	<i>PTEROPODINAE</i> Gray, 1821
31 Dec 1912	<i>Epomophorinae</i> K. Andersen	<i>PTEROPODINAE</i> Gray, 1821
31 Dec 1912	<i>Epomophorus gambianus</i> K. Andersen	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1912	<i>Phygetis</i> K. Andersen	<i>Myonycteris (Phygetis)</i> K. Andersen, 1912
31 Dec 1912	<i>Pteropinae</i> K. Andersen	<i>PTEROPODINAE</i> Gray, 1821
31 Dec 1912	<i>Rousettinae</i> K. Andersen	<i>PTEROPODINAE</i> Gray, 1821
31 Dec 1912	<i>Rousettus (Lissonycteris)</i> K. Andersen	<i>Lissonycteris</i> K. Andersen, 1912
31 Dec 1912	<i>Epomophorus gambianus</i> Thomas	<i>Epomophorus labiatus</i> (Temminck, 1837)
1 Jan 1913	<i>Glauconycteris egeria</i> Thomas	<i>Glauconycteris egeria</i> Thomas, 1913

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6 Feb 1913	<i>Rhinolophus swinnyi piriensis</i> Hewitt	<i>Rhinolophus swinnyi</i> Gough, 1908
1 Mar 1913	<i>Chærephon nigeriae</i> Thomas	<i>Chaerephon nigeriae</i> Thomas, 1913
1 Mar 1913	<i>Chærephon nigeriae</i> Thomas	<i>Chaerephon nigeriae nigeriae</i> Thomas, 1913
1 Mar 1913	<i>Nyctinomus ansorgei</i> Thomas	<i>Chaerephon ansorgei</i> (Thomas, 1913)
1 Mar 1913	<i>Pipistrellus fuscipes</i> Thomas	<i>Pipistrellus rueppellii fuscipes</i> Thomas, 1913
1 Mar 1913	<i>Pipistrellus musciculus</i> Thomas	<i>Hypsugo musciculus</i> (Thomas, 1913)
1 Mar 1913	<i>Rhinolophus foxi</i> Thomas	<i>Rhinolophus fumigatus</i> Rüppell, 1842
30 Apr 1913	<i>Otomops</i> Thomas	<i>Otomops</i> Thomas, 1913
20 Oct 1913	<i>Pipistrellus nanus australis</i> Roberts	<i>Pipistrellus nanus</i> (Peters, 1852)
27 Mar 1914	<i>Rhinolophus bembanicus</i> Senna	<i>Rhinolophus simulator</i> K. Andersen, 1904
1 Jun 1914	<i>Nycteris woodi</i> K. Andersen	<i>Nycteris woodi</i> K. Andersen, 1914
31 Jul 1914	<i>Scotophilus altilis</i> G.M. Allen	<i>Scotophilus leucogaster</i> (Cretzschmar, 1826)
31 Dec 1914	<i>acrotis</i> G.M. Allen	<i>Rhinolophus fumigatus</i> Rüppell, 1842
31 Dec 1914	<i>Noctulinia Cabrera</i>	<i>Nyctalus</i> Bowdich, 1825
1 Jun 1915	<i>C[oleura] g[allarum] nilosa</i> Thomas	<i>Coleura afra</i> (Peters, 1852)
1 Jun 1915	<i>C[oleura] gallarum</i> Thomas	<i>Coleura afra</i> (Peters, 1852)
1 Jun 1915	<i>C[oleura] silhouettæ</i> Thomas	<i>Coleura seychellensis</i> Peters, 1868
1 Jun 1915	<i>Glauconycteris phalæna</i> Thomas	<i>Glauconycteris variegata</i> (Tomes, 1861)
1 Jun 1915	<i>Rhinopterus lowei</i> Thomas	<i>Eptesicus floweri</i> (de Winton, 1901)
1 Jun 1915	<i>Taphozous sudani</i> Thomas	<i>Taphozous perforatus sudani</i> Thomas, 1915
30 Sep 1915	<i>Taphozous perforatus hædinus</i> Thomas	<i>Taphozous perforatus</i> E. Geoffroy St.-Hilaire, 1818
1 Nov 1915	<i>Scotoecus falabæ</i> Thomas	<i>Scotoecus hindei</i> Thomas, 1901
1 Dec 1915	<i>Myopterus albatrus</i> Thomas	<i>Myopterus daubentonii</i> Desmarest, 1820
31 Dec 1915	<i>Epomophorus gambianus</i> Schwarz	<i>Epomophorus labiatus</i> (Temminck, 1837)
10 Feb 1916	<i>Chaerephon pumilus naivashæ</i> Hollister	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)
10 Feb 1916	<i>Eptesicus ugandæ</i> Hollister	<i>Neoromicia somalicus</i> (Thomas, 1901)
10 Feb 1916	<i>Rhinolophus keniensis</i> Hollister	<i>Rhinolophus clivosus</i> Cretzschmar, 1828
31 Dec 1916	<i>Eptesicus rectitragus</i> Wettstein	<i>Neoromicia guineensis</i> (Bocage, 1889)
31 Dec 1916	<i>Nyctinomus (Nyctinomus) tongaënsis</i> Wettstein	<i>Tadarida aegyptiaca aegyptiaca</i> (E. Geoffroy St.-Hilaire, 1818)
31 Dec 1916	<i>Scotoecus cinnamomeus</i> Wettstein	<i>Nycticeinops schlieffenii</i> (Peters, 1859)
1 Mar 1917	<i>Scotoecus woodi</i> Thomas	<i>Scotoecus albofuscus</i> (Thomas, 1890)
16 May 1917	<i>Cloëotis percivali australis</i> Roberts	<i>Cloëotis percivali</i> Thomas, 1901
21 May 1917	<i>Otomops icarus</i> Chubb	<i>Otomops martiensseni icarus</i> Chubb, 1917
28 Jun 1917	<i>Platymops</i> Roberts	<i>Sauromys</i> Roberts, 1917
28 Jun 1917	<i>Platymops (Sauromys) haagneri</i> Roberts	<i>Sauromys petrophilus haagneri</i> (Roberts, 1917)
28 Jun 1917	<i>Platymops (Sauromys) petrophilus</i> Roberts	<i>Sauromys petrophilus</i> (Roberts, 1917)
28 Jun 1917	<i>Platymops (Sauromys) petrophilus</i> Roberts	<i>Sauromys petrophilus petrophilus</i> (Roberts, 1917)
28 Jun 1917	<i>Sauromys</i> Roberts	<i>Sauromys</i> Roberts, 1917
29 Sep 1917	<i>Rhinolophus axillaris</i> Allen	<i>Rhinolophus landeri</i> Martin, 1838
29 Sep 1917	<i>Allomops</i> J.A. Allen	<i>Mops (Mops)</i> Lesson, 1842
29 Sep 1917	<i>Chærephon (Lophomops)</i> J.A. Allen	<i>Chaerephon</i> Dobson, 1874
29 Sep 1917	<i>Chærephon (Lophomops) abæ</i> J.A. Allen	<i>Chaerephon major</i> (Trouessart, 1897)
29 Sep 1917	<i>Chærephon (Lophomops) chapini</i> J.A. Allen	<i>Chaerephon chapini</i> J.A. Allen, 1917
29 Sep 1917	<i>Chærephon (Lophomops) cristatus</i> J.A. Allen	<i>Chaerephon leucogaster</i> (A. Grandidier, 1869)
29 Sep 1917	<i>Chærephon frater</i> J.A. Allen	<i>Chaerephon leucogaster</i> (A. Grandidier, 1869)
29 Sep 1917	<i>Chærephon russatus</i> J.A. Allen	<i>Chaerephon russatus</i> J.A. Allen, 1917
29 Sep 1917	<i>Eptesicus ater</i> J.A. Allen	<i>Neoromicia tenuipinnis</i> (Peters, 1872)
29 Sep 1917	<i>Eptesicus faradjius</i> J.A. Allen	<i>Neoromicia rendalli</i> (Thomas, 1889)
29 Sep 1917	<i>Eptesicus garambæ</i> J.A. Allen	<i>Neoromicia capensis</i> (A. Smith, 1829)
29 Sep 1917	<i>Glauconycteris alboguttatus</i> J.A. Allen	<i>Glauconycteris alboguttata</i> J.A. Allen, 1917
29 Sep 1917	<i>Glauconycteris humeralis</i> J.A. Allen	<i>Glauconycteris humeralis</i> J.A. Allen, 1917
29 Sep 1917	<i>Hipposideros abæ</i> J.A. Allen	<i>Hipposideros abæ</i> J.A. Allen, 1917
29 Sep 1917	<i>Hipposideros caffer niapu</i> J.A. Allen	<i>Hipposideros ruber</i> (Noack, 1893)
29 Sep 1917	<i>Hipposideros gigas niangaræ</i> J.A. Allen	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)
29 Sep 1917	<i>Hipposideros langi</i> J.A. Allen	<i>Hipposideros cyclops</i> (Temminck, 1853)
29 Sep 1917	<i>Hipposideros nanus</i> J.A. Allen	<i>Hipposideros caffer</i> (Sundevall, 1846)
29 Sep 1917	<i>Miniopterus breyeri vicinior</i> J.A. Allen	<i>Miniopterus natalensis</i> (A. Smith, 1833)
29 Sep 1917	<i>Mops (Allomops) faradjius</i> J.A. Allen	<i>Mops (Mops) demonstrator</i> (Thomas, 1903)
29 Sep 1917	<i>Mops (Allomops) nanulus</i> J.A. Allen	<i>Mops (Xiphonycteris) nanulus</i> J.A. Allen, 1917
29 Sep 1917	<i>Mops (Allomops) occipitalis</i> J.A. Allen	<i>Mops (Xiphonycteris) thersites</i> (Thomas, 1903)
29 Sep 1917	<i>Mops congicus</i> J.A. Allen	<i>Mops (Mops) congicus</i> J.A. Allen, 1917
29 Sep 1917	<i>Mops niangaræ</i> J.A. Allen	<i>Mops (Mops) niangaræ</i> J.A. Allen, 1917
29 Sep 1917	<i>Mops trevori</i> J.A. Allen	<i>Mops (Mops) trevori</i> J.A. Allen, 1917
29 Sep 1917	<i>Nycteris avakubia</i> J.A. Allen	<i>Nycteris major</i> (K. Andersen, 1912)
29 Sep 1917	<i>Nycteris pallida</i> J.A. Allen	<i>Nycteris hispida</i> (Schreber, 1774)
29 Sep 1917	<i>Nyctinomus ochraceus</i> J.A. Allen	<i>Mops (Xiphonycteris) brachypterus</i> (Peters, 1852)
29 Sep 1917	<i>Pipistrellus abaensis</i> J.A. Allen	<i>Pipistrellus nanus</i> (Peters, 1852)
29 Sep 1917	<i>Rhinolophus abæ</i> J.A. Allen	<i>Rhinolophus fumigatus</i> Rüppell, 1842
31 Dec 1917	<i>Nycteris major</i> J.A. Allen	<i>Nycteris macrotis</i> Dobson, 1876

Publication date	Original Name	Current Name
31 Dec 1917	<i>Dichromyotis Bianchi</i>	<i>Myotis</i> Kaup, 1829
31 Dec 1917	<i>Megapipistrellus Bianchi</i>	<i>Myotis</i> Kaup, 1829
31 Dec 1917	<i>Paramyotis Bianchi</i>	<i>Myotis</i> Kaup, 1829
31 Dec 1917	<i>Pareptesicus Bianchi</i>	<i>Eptesicus Rafinesque</i> , 1820
31 Dec 1917	<i>Rhynptesicus Bianchi</i>	<i>Eptesicus Rafinesque</i> , 1820
31 Dec 1917	<i>Rickettia Bianchi</i>	<i>Myotis</i> Kaup, 1829
31 Dec 1917	<i>Scotoecus Thomas</i>	<i>Scotoecus</i> Thomas, 1901
27 Feb 1918	<i>Chaerephon leucostigma</i> G.M. Allen	<i>Mops (Mops) leucostigma</i> (G.M. Allen, 1918)
1 Oct 1918	<i>[Rhinolophus hipposideros] escalerae</i> K. Andersen	<i>Rhinolophus hipposideros</i> (Bechstein, 1800)
1 Oct 1918	<i>Asellia tridens diluta</i> K. Anderson	<i>Asellia tridens</i> (E. Geoffroy St.-Hilaire, 1813)
31 Dec 1918	<i>Nycteris thebaica thebaica</i> Wettstein	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
30 Apr 1919	<i>Cistugo lesueuri</i> Roberts	<i>Cistugo lesueuri</i> Roberts, 1919
30 Apr 1919	<i>Eptesicus melckorum</i> Roberts	<i>Neoromicia melckorum</i> (Roberts, 1919)
1 Jan 1920	<i>Taphozous hamiltoni</i> Thomas	<i>Taphozous hamiltoni</i> Thomas, 1920
31 Mar 1920	<i>Rousettus (Lissonycteris) crypticola</i> Cabrera	<i>Lissonycteris angolensis</i> (Bocage, 1898)
1 Aug 1920	<i>Kerivoula lucia</i> Hinton	<i>Kerivoula lanosa</i> (A. Smith, 1847)
1 Aug 1920	<i>Mimetillus thomasi</i> Hinton	<i>Mimetillus thomasi</i> Hinton, 1920
31 Dec 1921	<i>Hipposideros curtus</i> G.M. Allen	<i>Hipposideros curtus</i> G.M. Allen, 1921
31 Dec 1921	<i>Epomophorus anurus</i> Thomas et al	<i>Epomophorus labiatus</i> (Temminck, 1837)
28 Feb 1922	<i>Rhinolophus hildebrandti perauritus</i> de Beaux	<i>Rhinolophus eloquens</i> K. Andersen, 1905
1 Mar 1922	<i>Liponycteris</i> Thomas	<i>Taphozous</i> E. Geoffroy St.-Hilaire, 1818
1 Jul 1922	<i>Kerivoula lueia</i> Kershaw	<i>Kerivoula lanosa</i> (A. Smith, 1847)
1 Aug 1922	<i>Nycteris oriana</i> Kershaw	<i>Nycteris macrotis</i> Dobson, 1876
28 Aug 1922	<i>Chaerephon angolensis sabaudiae</i> de Beaux	<i>Chaerephon aloysiisabaudiae</i> (Festa, 1907)
6 Jul 1923	<i>Pipistrellus marrensis</i> Thomas and Hinton	<i>Pipistrellus rusticus</i> (Tomes, 1861)
31 Jul 1923	<i>Petalia (Nycteris) thebaica aurantiaca</i> de Beaux	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1 Oct 1923	<i>Nycteris marica</i> Kershaw	<i>Nycteris grandis</i> Peters, 1865
31 Dec 1923	<i>Scotoecus artinii</i> de Beaux	<i>Scotoecus hirundo</i> (de Winton, 1899)
31 Jan 1924	<i>Eptesicus zuluensis</i> Roberts	<i>Neoromicia zuluensis</i> (Roberts, 1924)
31 Jan 1924	<i>Kerivoula nidicola zuluensis</i> Roberts	<i>Kerivoula argentata</i> Tomes, 1861
31 Jan 1924	<i>Rhinolophus darlingi barbertonensis</i> Roberts	<i>Rhinolophus darlingi</i> K. Andersen, 1905
28 Feb 1924	<i>Petalia parisii</i> de Beaux	<i>Nycteris parisii</i> (de Beaux, 1923)
31 Dec 1924	<i>aurantiaca</i> de Beaux	<i>Hipposideros caffer</i> (Sundevall, 1846)
31 Dec 1924	<i>Eptesicus loveni</i> Granvik	<i>Myotis tricolor</i> (Temminck, 1832)
14 May 1925	<i>Nycteris proxima</i> Lönnberg and Gyldenstolpe	<i>Nycteris grandis</i> Peters, 1865
29 Apr 1926	<i>Chaerephon (Lophomops) shortridgei</i> Thomas	<i>Chaerephon chapini</i> J.A. Allen, 1917
29 Apr 1926	<i>Pipistrellus fouriei</i> Thomas	<i>Pipistrellus nanus</i> (Peters, 1852)
1 May 1926	<i>Mops angolensis niveiventer</i> Cabrera and Ruxton	<i>Mops (Mops) niveiventer</i> Cabrera and Ruxton, 1926
1 May 1926	<i>Scoteinus schleiffeni</i> Cabrera and Ruxton	<i>Nycticeinops schleiffeni</i> (Peters, 1859)
14 Sep 1926	<i>Chaerophon pumilus elphicki</i> Roberts	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)
14 Sep 1926	<i>Eptesicops</i> Roberts	<i>Pipistrellus</i> Kaup, 1829
14 Sep 1926	<i>Neoromicia</i> Roberts	<i>Neoromicia</i> Roberts, 1926
1 May 1927	<i>Myotis scotti</i> Thomas	<i>Myotis scotti</i> Thomas, 1927
12 Jul 1927	<i>Miniopterus smitianus</i> Thomas	<i>Miniopterus natalensis</i> (A. Smith, 1833)
10 Dec 1928	<i>Chaerophon (Lophomops) nigri</i> Hatt	<i>Chaerephon leucogaster</i> (A. Grandidier, 1869)
31 Dec 1929	<i>Rousettus madagascariensis</i> G. Grandidier	<i>Rousettus madagascariensis</i> G. Grandidier, 1929
31 Dec 1929	<i>Anamygdon</i> Troughton	<i>Myotis</i> Kaup, 1829
6 Jun 1931	<i>Asellia patrizii</i> de Beaux	<i>Asellia patrizii</i> de Beaux, 1931
6 Jun 1931	<i>Asellia tridens italosomalia</i> de Beaux	<i>Asellia tridens</i> (E. Geoffroy St.-Hilaire, 1813)
31 Dec 1931	<i>Tuitatus</i> Kishida and Mori	<i>Eptesicus Rafinesque</i> , 1820
1 Oct 1932	<i>Chaerephon (Lophomops) langi</i> Roberts	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)
1 Oct 1932	<i>Eptesicus capensis nkatiensis</i> Roberts	<i>Neoromicia capensis</i> (A. Smith, 1829)
1 Oct 1932	<i>Neoromicia vansoni</i> Roberts	<i>Neoromicia zuluensis</i> (Roberts, 1924)
1 Oct 1932	<i>Pipistrellus vernayi</i> Roberts	<i>Pipistrellus rueppellii vernayi</i> Roberts, 1932
1 Oct 1932	<i>Scoteinus schlieffenii fitzsimonsi</i> Roberts	<i>Nycticeinops schlieffenii</i> (Peters, 1859)
31 Dec 1933	<i>Mimetillus bernerii</i> Monard	<i>Mimetillus thomasi</i> Hinton, 1920
31 Dec 1933	<i>Nyctinomus spillmanni</i> Monard	<i>Chaerephon nigeriae spillmanni</i> (Monard, 1933)
31 Dec 1933	<i>Pipistrellus leucomelas</i> Monard	<i>Pipistrellus rueppellii vernayi</i> Roberts, 1932
30 Nov 1934	<i>Rhinolophus acrotis schwarzi</i> Heim de Balsac	<i>Rhinolophus clivosus</i> Cretzschmar, 1828
31 Dec 1935	<i>Epomophorus gambianus</i> Braestrup	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1935	<i>Laephotis angolensis</i> Monard	<i>Laephotis angolensis</i> Monard, 1935
31 Dec 1935	<i>Scotozous trüppellii</i> Monard	<i>Pipistrellus rueppellii</i> (Fischer, 1829)
30 Jan 1936	<i>Nycteris nana tristis</i> G.M. Allen and	<i>Nycteris nana</i> (K. Andersen, 1912)

Publication date	Original Name	Current Name
	Lawrence	
15 Aug 1936	<i>Miniopterus africanus</i> Sanborn	<i>Miniopterus africanus</i> Sanborn, 1936
15 Aug 1936	<i>Miniopterus rufus</i> Sanborn	<i>Miniopterus inflatus rufus</i> Sanborn, 1936
15 Aug 1936	<i>Mops angolensis wonderi</i> Sanborn	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)
15 Aug 1936	<i>Rhinolophus alcyone alticolus</i> Sanborn	<i>Rhinolophus simulator</i> K. Andersen, 1904
31 Dec 1936	<i>Epomophorus labiatus minor</i> G.M. Allen and Lawrence	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1936	<i>Pipistrellus k[uhlii] pallidus</i> Heim de Balsac	<i>Pipistrellus kuhlii</i> (Kuhl, 1817)
31 Dec 1936	<i>Plecotus auritus saharae</i> Laurent	<i>Otonycteris hemprichii</i> Peters, 1859
28 Feb 1937	<i>Rhinolophus hipposideros vespa</i> Laurent	<i>Rhinolophus hipposideros</i> (Bechstein, 1800)
17 Apr 1937	<i>Eptesicus capensis angolensis</i> J.Eric Hill	<i>Neoromicia flavescens</i> (de Seabra, 1900)
17 Apr 1937	<i>Mops chitauensis</i> J.Eric Hill	<i>Mops (Mops) niveiventer</i> Cabrera and Ruxton, 1926
1 May 1937	<i>R[hinopoma] cystops macinnesi</i> Hayman	<i>Rhinopoma macinnesi</i> Hayman, 1937
30 Sep 1937	<i>Hipposideros sandersoni</i> Sanderson	<i>Hipposideros curtus</i> G.M. Allen, 1921
30 Nov 1937	<i>Nycteris madagascariensis</i> G. Grandidier	<i>Nycteris madagascariensis</i> G. Grandidier, 1937
31 Dec 1937	<i>Asellia tridens pallida</i> Laurent	<i>Asellia tridens</i> (E. Geoffroy St.-Hilaire, 1813)
1 Apr 1938	<i>Chaerephon lancasteri</i> Hayman	<i>Chaerephon chapini</i> J.A. Allen, 1917
31 Dec 1938	<i>Platymops haagneri umbratus</i> Shortridge and Carter	<i>Sauromys petrophilus umbratus</i> (Shortridge & Carter, 1938)
31 Dec 1938	<i>Scotophilus angusticeps</i> Shortridge and Carter	<i>Eptesicus hottentotus</i> (A. Smith, 1833)
1 Feb 1939	<i>Glauconycteris superba</i> Hayman	<i>Glauconycteris superba</i> Hayman, 1939
31 Mar 1939	<i>Coleura kummeri</i> Monard	<i>Coleura afra</i> (Peters, 1852)
31 Mar 1939	<i>Hipposideros braima</i> Monard	<i>Hipposideros caffer</i> (Sundevall, 1846)
31 Mar 1939	<i>Hipposideros gigas viegasi</i> Monard	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)
31 Mar 1939	<i>Mops osborni occidentalis</i> Monard	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)
31 Mar 1939	<i>Mops osborni occidentalis f. fulva</i> Monard	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)
31 Mar 1939	<i>Nycteris aethiopica guineensis</i> Monard	<i>Nycteris macrotis</i> Dobson, 1876
31 Mar 1939	<i>Nycteris aethiopica guineensis f. aurantiaca</i> Monard	<i>Nycteris macrotis</i> Dobson, 1876
31 Dec 1939	<i>Coléura</i> Allen	<i>Coleura</i> Peters, 1867
31 Dec 1939	<i>Mops rüppellii</i> Allen	<i>Tadarida ventralis</i> (Heuglin, 1861)
31 Dec 1939	<i>Rhinopterus floweri</i> G.M. Allen	<i>Eptesicus floweri</i> (de Winton, 1901)
31 Dec 1939	<i>Epomophorus gambianus</i> Monard	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1939	<i>Rhinolophus aethiops diversus</i> Sanborn	<i>Rhinolophus fumigatus</i> Rüppell, 1842
31 Dec 1940	<i>Mops calabarensis</i> Hayman	<i>Mops (Xiphonycteris) nanulus</i> J.A. Allen, 1917
31 Dec 1940	<i>Mops nannulus</i> Sanderson	<i>Mops (Xiphonycteris) nanulus</i> J.A. Allen, 1917
31 Dec 1941	<i>Coelopsinae</i> Tate	HIPPOSIDERIDAE Lydekker, 1891
31 Dec 1941	<i>Coelopsinae</i> Tate	Hipposiderinae Lydekker, 1891
31 Dec 1941	<i>Myotini</i> Tate	VESPERTILIONIDAE Gray, 1821
31 Dec 1941	<i>Rhinophyllotis</i> Troughton	<i>Rhinolophus Lacépède</i> , 1799
28 Jul 1942	<i>Rhinolophus ruwenzorii</i> J.Eric Hill	<i>Rhinolophus ruwenzorii</i> J. Eric Hill, 1942
31 Dec 1942	<i>Mops angolensis orientis</i> G.M. Allen and Loveridge	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)
31 Dec 1942	<i>orientis</i> G.M. Allen and Loveridge	<i>Eptesicus hottentotus</i> (A. Smith, 1833)
31 Dec 1942	<i>Eptesicus megalurus pallidior</i> Shortridge	<i>Eptesicus hottentotus</i> (A. Smith, 1833)
31 Dec 1942	<i>Myotinae</i> Tate	<i>Myotinae</i> Tate, 1942
31 Dec 1943	<i>Scotonycteris ophiodon</i> Pohle	<i>Scotonycteris ophiodon</i> Pohle, 1943
19 Sep 1946	<i>Scotonycteris ophiodon cansdalei</i> Hayman	<i>Scotonycteris ophiodon</i> Pohle, 1943
31 Dec 1946	<i>Eptesicus hottentotus bensoni</i> Roberts	<i>Eptesicus hottentotus</i> (A. Smith, 1833)
31 Dec 1946	<i>Nycteris woodi sabiensis</i> Roberts	<i>Nycteris woodi</i> K. Andersen, 1914
31 Dec 1946	<i>Nyctinomus mastersoni</i> Roberts	<i>Tadarida fulminans</i> (Thomas, 1903)
31 Dec 1946	<i>Nyctinomus rhodesiae</i> Roberts	<i>Chaerephon ansorgei</i> (Thomas, 1913)
31 Dec 1946	<i>Platymops petrophilus erongensis</i> Roberts	<i>Sauromys petrophilus erongensis</i> (Roberts, 1946)
31 Dec 1946	<i>Platymops petrophilus fitsimonsi</i> Roberts	<i>Sauromys petrophilus umbratus</i> (Shortridge & Carter, 1938)
31 Dec 1946	<i>Rhinolophus darlingi damarensis</i> Roberts	<i>Rhinolophus darlingi</i> K. Andersen, 1905
31 Dec 1946	<i>Rhinolophus swinyi rhodesiae</i> Roberts	<i>Rhinolophus swinyi</i> Gough, 1908
31 Dec 1946	<i>Scotophilus nigrita pondoensis</i> Roberts	<i>Scotophilus dinganii</i> (A. Smith, 1833)
31 Dec 1946	<i>Vansonia</i> Roberts	<i>Pipistrellus Kaup</i> , 1829
25 Jun 1947	<i>Scotonycteris zenkeri occidentalis</i> Hayman	<i>Scotonycteris zenkeri</i> Matschie, 1894
7 Aug 1947	<i>Glauconycteris superba sheila</i> Hayman	<i>Glauconycteris superba</i> Hayman, 1939
19 Nov 1947	<i>Hipposideros jonesi</i> Hayman	<i>Hipposideros jonesi</i> Hayman, 1947
31 Dec 1948	<i>Pipistrellus (Romicia) kuhlii broomi</i> Roberts	<i>Pipistrellus hesperidus broomi</i> Roberts, 1948
31 Dec 1950	<i>Epomophorus reii</i> Aellen	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1950	<i>Epomophorus reii</i> Aellen	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)
31 Dec 1950	<i>Epomophorus gambianus</i> Rousselot	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1950	<i>Micropteropus grandis</i> Sanborn	<i>Epomophorus grandis</i> (Sanborn, 1950)
31 Dec 1951	<i>Rhinomegalophus</i> Bourret	<i>Rhinolophus Lacépède</i> , 1799
31 Dec 1951	<i>Tadarida (Chaerephon) faini</i> Hayman	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)
31 Dec 1951	<i>Scotophilus welwetschii</i> Roberts	<i>Myotis welwitschii</i> (Gray, 1866)

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31 Dec 1951	<i>Vespertilio epichrysurus</i> Roberts	<i>Scotophilus dinganii</i> (A. Smith, 1833)
31 Dec 1951	<i>Pipistrellus</i> Watson	<i>Pipistrellus</i> Kaup, 1829
31 Dec 1952	<i>Nycteris benuensis</i> Aellen	<i>Nycteris parisii</i> (de Beaux, 1923)
31 Dec 1952	<i>Eptesicus tenuipinnis</i> Cozens and Marchant	<i>Neoromicia tenuipinnis</i> (Peters, 1872)
31 Dec 1953	<i>Otomops madagascariensis</i> Dorst	<i>Otomops madagascariensis</i> Dorst, 1953
31 Dec 1953	<i>Eptesicus (Rhinopterus) notius</i> Ellerman, Morrison-Scott and Hayman	<i>Neoromicia capensis</i> (A. Smith, 1829)
31 Dec 1953	<i>Micropteropus grandis</i> Ellerman, Morrison-Scott and Hayman	<i>Micropteropus intermedius</i> Hayman, 1963
31 Dec 1953	<i>Pterocyon palaeceus</i> Ellerman, Morrison-Scott and Hayman	<i>Eidolon helvum helvum</i> (Kerr, 1792)
31 Dec 1954	<i>Hipposideros marisae</i> Aellen	<i>Hipposideros marisae</i> Aellen, 1954
31 Dec 1954	<i>Vespertilio brevicauda</i> Stresemann	<i>Rhinopoma hardwickii</i> Gray, 1831
31 Dec 1954	<i>Vespertilio ferox</i> Stresemann	<i>Rhinopoma hardwickii</i> Gray, 1831
31 Dec 1955	<i>Rhinolophus euryale tuneti</i> Deleuil and Labbé	<i>Rhinolophus mehelyi</i> Matschie, 1901
18 Dec 1956	<i>Platymops barbatogularis</i> Harrison	<i>Platymops setiger macmillani</i> Thomas, 1906
27 Dec 1956	<i>Hipposideros camerunensis</i> Eisentraut	<i>Hipposideros camerunensis</i> Eisentraut, 1956
31 Dec 1956	<i>Miniopterus inflatus villiersi</i> Aellen	<i>Miniopterus schreibersii</i> (Kuhl, 1817)
31 Dec 1956	<i>Micropteropus grandis</i> Leleup	<i>Micropteropus intermedius</i> Hayman, 1963
31 Dec 1956	<i>Rhinopoma hardwichei cystops</i> Möhres and Kulzer	<i>Rhinopoma hardwickii</i> Gray, 1831
31 Dec 1956	<i>Eptesicus Theodor</i>	<i>Neoromicia</i> Roberts, 1926
31 Dec 1956	<i>Eptesicus tenuipinnis</i> Theodor	<i>Neoromicia tenuipinnis</i> (Peters, 1872)
31 Dec 1957	[<i>Pipistrellus</i>] <i>rupepelli</i> Aellen	<i>Pipistrellus rupepelli</i> (Fischer, 1829)
31 Dec 1957	<i>Pipistrellus (Pipistrellus) permixtus</i> Aellen	<i>Pipistrellus permixtus</i> Aellen, 1957
31 Dec 1957	<i>Hipposideros beatus maximus</i> Verschuren	<i>Hipposideros beatus</i> (K. Andersen, 1906)
31 Dec 1958	<i>Hesperomyotis</i> Cabrera	<i>Myotis</i> Kaup, 1829
31 Dec 1958	<i>Scotophilus nigrata coreas</i> Eisentraut	<i>Scotophilus dinganii</i> (A. Smith, 1833)
31 Dec 1958	<i>Taphozous perforatus swirae</i> Harrison	<i>Taphozous perforatus perforatus</i> E. Geoffroy St.-Hilaire, 1818
30 Apr 1959	<i>Miniopterus minor griveaudi</i> Harrison	<i>Miniopterus manavi</i> Thomas, 1906
31 Dec 1959	<i>Kerivoula harrisoni bellula</i> Aellen	<i>Kerivoula lanosa</i> (A. Smith, 1847)
31 Dec 1959	<i>Nycteris intermedia</i> Aellen	<i>Nycteris intermedia</i> Aellen, 1959
31 Dec 1959	<i>Pipistrellus inexpectatus</i> Aellen	<i>Pipistrellus inexpectatus</i> Aellen, 1959
31 Dec 1959	<i>Rhinolophus silvestris</i> Aellen	<i>Rhinolophus silvestris</i> Aellen, 1959
31 Dec 1959	<i>Epomophorus gambianus</i> Booth	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1959	<i>Amblyotis</i> Hall and Kelson	<i>Eptesicus Rafinesque</i> , 1820
31 Dec 1959	<i>Nyctiptennis</i> Hall and Kelson	<i>Eptesicus Rafinesque</i> , 1820
10 Jan 1960	<i>Rousettus aegyptiacus occidentalis</i> Eisentraut	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)
31 Dec 1960	<i>Epomophorus gambianus parvus</i> Ansell	<i>Epomophorus gambianus crypturus</i> Peters, 1852
31 Dec 1960	<i>Epomophorus gambianus parvus</i> Ansell	<i>Epomophorus gambianus</i> (Ogilby, 1835)
31 Dec 1960	? <i>anjouanensis</i> Dorst	<i>Myotis anjouanensis</i> (Dorst, 1960)
31 Dec 1960	<i>Pipistrellus rüppelli senegalensis</i> Dorst	<i>Pipistrellus rueppellii senegalensis</i> Dorst, 1960
31 Dec 1960	<i>Rhinolophus denti knorri</i> Eisentraut	<i>Rhinolophus denti</i> Thomas, 1904
31 Dec 1960	<i>Rhinolophus guineensis</i> Eisentraut	<i>Rhinolophus guineensis</i> Eisentraut, 1960
31 Dec 1960	<i>Platymops barbatogularis parkeri</i> Harrison and Fleetwood	<i>Platymops setiger macmillani</i> Thomas, 1906
31 Dec 1961	<i>Rhinopoma lardwickei cystops</i> Madkour	<i>Rhinopoma hardwickii</i> Gray, 1831
31 Dec 1962	<i>Taphozous sudani australis</i> Harrison	<i>Taphozous perforatus sudani</i> Thomas, 1915
31 Dec 1963	<i>Glauconycteris machadoi</i> Hayman	<i>Glauconycteris machadoi</i> Hayman, 1963
31 Dec 1963	<i>Micropteropus intermedius</i> Hayman	<i>Micropteropus intermedius</i> Hayman, 1963
31 Dec 1964	<i>Pipistrellus savii sevii</i> Hanák	<i>Hypsugo savii</i> (Bonaparte, 1837)
31 Dec 1964	<i>Taphozous sudani rhodesiae</i> Harrison	<i>Taphozous perforatus sudani</i> Thomas, 1915
31 Dec 1965	<i>Nycteris vinsoni</i> Dalquest	<i>Nycteris vinsoni</i> Dalquest, 1965
31 Dec 1965	<i>Scotophilus alvenslebeni</i> Dalquest	<i>Scotophilus nigrata</i> (Schreber, 1774)
31 Dec 1965	<i>Rousettus angolensis ruwenzorii</i> Eisentraut	<i>Lissonycteris angolensis ruwenzorii</i> (Eisentraut, 1965)
31 Dec 1965	<i>Epomophorus anurus</i> Rosevear	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1965	<i>Epomophorus gambianus</i> Rosevear	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1965	<i>Hipposideros braimah</i> Rosevear	<i>Hipposideros caffer</i> (Sundevall, 1846)
31 Dec 1966	<i>Tadarida (Chaerephon) cyclotis</i> Brosset	<i>Chaerephon aloysiisabaudiae</i> (Festa, 1907)
31 Dec 1966	<i>Megaloglossus woermanni prigoginii</i> Hayman	<i>Megaloglossus woermanni</i> Pagenstecher, 1885
31 Dec 1966	[<i>Pipistrellus</i>] <i>inexpectatus</i> Hayman, Misonne and Verheyen	<i>Pipistrellus inexpectatus</i> Aellen, 1959
10 Apr 1968	<i>Pipistrellus eisentrauti</i> Hill	<i>Hypsugo eisentrauti</i> (Hill, 1968)
31 Dec 1968	<i>Rhinolophus adami</i> Aellen and Brosset	<i>Rhinolophus adami</i> Aellen and Brosset, 1968
31 Dec 1968	<i>Triaenops persicus majusculus</i> Aellen and Brosset	<i>Triaenops persicus</i> Dobson, 1871
31 Dec 1968	<i>Epomophorus gambianus</i> Van Orshoven et al	<i>Epomophorus labiatus</i> (Temminck, 1837)

Publication date	Original Name	Current Name
31 Dec 1969	<i>Micropteropus pusillus</i> Kock	<i>Micropteropus intermedius</i> Hayman, 1963
31 Dec 1969	<i>Rhinopoma hardwickei sennaariense</i> Kock	<i>Rhinopoma hardwickii</i> Gray, 1831
31 Dec 1969	<i>Rhinopoma microphyllum tropicalis</i> Kock	<i>Rhinopoma microphyllum</i> (Brünnich, 1782)
31 Dec 1970	<i>Cynopterini</i> Koopman and J.K. Jones Jr.	PTEROPODINAE Gray, 1821
31 Dec 1970	<i>Dobsoniina</i> Koopman and J.K. Jones Jr.	PTEROPODINAE Gray, 1821
31 Dec 1970	<i>Rousettina</i> Koopman and J.K. Jones Jr.	PTEROPODINAE Gray, 1821
28 Apr 1971	<i>Myotis morrissi</i> Hill	<i>Myotis morrissi</i> Hill, 1971
31 Dec 1971	<i>Epomophorus gambianus</i> Hayman and Hill	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1971	<i>Pteropus livingstonei</i> Hayman and Hill	<i>Pteropus livingstonii</i> Gray, 1866
31 Dec 1971	<i>Epomophorus</i> sp. Hill and Morris	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1971	<i>Rhinopoma hardwickei sennaarinese</i> Hill and Morris	<i>Rhinopoma hardwickii</i> Gray, 1831
31 Dec 1971	<i>Laephotis botswanae</i> Setzer	<i>Laephotis botswanae</i> Setzer, 1971
31 Dec 1971	<i>Laephotis namibensis</i> Setzer	<i>Laephotis namibensis</i> Setzer, 1971
30 Jun 1972	<i>Pipistrellus eisentrauti bellieri</i> De Vree	<i>Hypsugo crassulus</i> (Thomas, 1904)
31 Dec 1972	<i>Pipistrellus rueppellii senegalensis</i> Adam and Hubert	<i>Pipistrellus rueppellii senegalensis</i> Dorst, 1960
31 Dec 1972	<i>Epomophorus anurus</i> Adam et al.	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1972	<i>Epomophorus gambianus</i> Dorst et al	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1973	<i>Rhinolophus hilli</i> Aellen	<i>Rhinolophus ruwenzorii</i> J. Eric Hill, 1942
31 Dec 1973	<i>Epomophorus gambianus</i> Eisentraut	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1973	<i>Glauconycteris gleni</i> Peterson and Smith	<i>Glauconycteris gleni</i> Peterson and Smith, 1973
31 Dec 1973	<i>Rhinomegaphyllum Thonglongya</i>	<i>Rhinolophus Lacépède</i> , 1799
31 Dec 1974	<i>Epomophorus gambianus</i> Ayensu	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1974	<i>Epomophorus gambianus</i> Largen, Kock and Yalden	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1974	<i>Epomophorus labiatus labiatus</i> Largen, Kock and Yalden	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1975	<i>Epomophorus gambianus</i> Eisentraut	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1975	<i>niviventer</i> Fenton	<i>Mops (Mops) niveiventer</i> Cabrera and Ruxton, 1926
31 Dec 1975	<i>Tadarida (Chaerephon) gallagheri</i> Harrison	<i>Chaerephon gallagheri</i> (Harrison, 1975)
31 Dec 1975	<i>Epomophorus gambianus</i> Jeffrey	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1975	<i>[Nycteris] gambianus</i> Koopman	<i>Nycteris gambiensis</i> (K. Andersen, 1912)
31 Dec 1975	<i>Epomophorus gambianus</i> Koopman	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1975	<i>Nycteris thebaica</i> Koopman	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
31 Dec 1975	<i>Pterocyon palaceus</i> Koopman	<i>Eidolon helvum helvum</i> (Kerr, 1792)
31 Dec 1975	<i>Rhinopoma senaariense</i> Koopman	<i>Rhinopoma hardwickii</i> Gray, 1831
31 Dec 1975	<i>Epomophorus gambianus</i> Poche	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1975	<i>Pipistrellus rusticus rusticus</i> Wilson	<i>Pipistrellus rusticus</i> (Tomes, 1861)
31 Dec 1976	<i>Pipistrellus (Pipistrellus) kuhli palludus</i> Anciaux de Faveaux	<i>Pipistrellus kuhlii</i> (Kuhl, 1817)
31 Dec 1976	<i>Pipistrellus (Pipistrellus) kuhli palludus</i> Anciaux de Faveaux	<i>Pipistrellus kuhlii</i> (Kuhl, 1817)
31 Dec 1977	<i>Epomophorus reii</i> Baud	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1977	<i>Myotis blythii punicus</i> Felten	<i>Myotis punicus</i> Felten, 1977
31 Dec 1977	<i>Petelia</i> Lekagul and McNeeley	<i>Nycteris</i> G. Cuvier and E. Geoffroy, 1795
31 Dec 1978	<i>eggenhoffner</i> Corbet	<i>Rhinolophus hipposideros</i> (Bechstein, 1800)
31 Dec 1978	<i>Epomophorus gambianus</i> Happold et al	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1978	<i>Epomophorus gambianus</i> Kock	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1978	<i>Rousettus (Rousettus) obliviosus</i> Kock	<i>Rousettus obliviosus</i> Kock, 1978
31 Dec 1978	<i>Epomophorus gambianus</i> Koopman et al	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1979	<i>PHYLLOSTOMATIA</i> Van Valen	VESPERTILIONIFORMI
31 Dec 1979	<i>VESPERTILIONIA</i> Van Valen	VESPERTILIONIFORMI
31 Dec 1980	<i>Myonycteris relicta</i> Bergmans	<i>Myonycteris (Myonycteris) relicta</i> Bergmans, 1980
31 Dec 1980	<i>Epomophorus gambianus</i> Robbins	<i>Epomophorus labiatus</i> (Temminck, 1837)
11 Dec 1981	<i>Tadarida (Xiphonycteris) petersoni</i> El Rayah	<i>Mops (Xiphonycteris) petersoni</i> (El Rayah, 1981)
31 Dec 1981	<i>Brachyotis</i> Hall	<i>Myotis</i> Kaup, 1829
31 Dec 1982	<i>Epomophorus gambianus</i> Marshall et al	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1982	<i>Glauconycteris kenyacola</i> Peterson	<i>Glauconycteris kenyacola</i> Peterson, 1982
31 Dec 1982	<i>Epomophorus gambianus</i> Schlitter et al.	<i>Epomophorus labiatus</i> (Temminck, 1837)
30 Jun 1984	<i>Cheiromelinae</i> Legendre	<i>Molossinae</i> Gervais, 1856
30 Jun 1984	<i>Tadarinae</i> Legendre	<i>Molossinae</i> Gervais, 1856
31 Dec 1984	<i>Epomophorus gambianus</i> Koch-Weser	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1984	<i>Scotophilus nucella</i> Robbins	<i>Scotophilus nucella</i> Robbins, 1984
31 Dec 1985	<i>Rhinopoma microphyllum kineari</i> Bhatnagar and Parveen	<i>Rhinopoma microphyllum</i> (Brünnich, 1782)
31 Dec 1985	<i>Hipposideros lamottei</i> Brosset	<i>Hipposideros lamottei</i> Brosset, 1985
31 Dec 1985	<i>Rhineptesicus</i> Horáček and Hanák	<i>Eptesicus</i> Rafinesque, 1820
31 Dec 1985	<i>R[hinopoma] h[ardwickei] sinaariense</i> Qumsiyeh	<i>Rhinopoma hardwickii</i> Gray, 1831
31 Dec 1985	<i>rueppellii</i> Qumsiyeh	<i>Tadarida teniotis</i> (Rafinesque, 1814)

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31 Dec 1985	<i>Vespertilio barbestellus</i> Qumsiyeh	<i>Barbastella barbastellus</i> (Schreber, 1774)
31 Dec 1986	<i>Pipistrellus kunli</i> Chastel, Launay, Le Lay, Bailly-Choumara, Hellal, Valle, Bach-Hamba and Beaucournu	<i>Pipistrellus kuhlii</i> (Kuhl, 1817)
31 Dec 1986	<i>Epomophorus crypturus parvus</i> Meester, Rautenbach, Dippenaar and Baker	<i>Epomophorus gambianus crypturus</i> Peters, 1852
31 Dec 1986	<i>Eptesicus hottentotus portavernus</i> Schlitter and Aggundey	<i>Eptesicus hottentotus</i> (A. Smith, 1833)
31 Dec 1986	<i>Eptesicus hottentotus protavernus</i> Schlitter and Aggundey	<i>Eptesicus hottentotus</i> (A. Smith, 1833)
31 Dec 1986	<i>Epomophorus gambianus</i> Tuttle	<i>Epomophorus labiatus</i> (Temminck, 1837)
15 Nov 1987	<i>Nycterikaupius</i> Menu	<i>Neoromicia</i> Roberts, 1926
31 Dec 1987	<i>Epomophorus anurus</i> Happold	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1987	<i>Nycticeinops</i> Hill and Harrison	<i>Nycticeinops</i> Hill & Harrison, 1987
31 Dec 1987	<i>Attalepharca</i> Menu	<i>Pipistrellus</i> Kaup, 1829
31 Dec 1987	<i>Nycterikaupius</i> Menu	<i>Pipistrellus</i> Kaup, 1829
31 Dec 1988	<i>Epomophorus gambianus crypturus</i> Bergmans	<i>Epomophorus gambianus crypturus</i> Peters, 1852
31 Dec 1988	<i>Epomophorus gambianus gambianus</i> Bergmans	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1988	<i>Epomophorus grandis</i> Bergmans	<i>Epomophorus grandis</i> (Sanborn, 1950)
31 Dec 1989	<i>Rhinolophus hillorum</i> Koopman	<i>Rhinolophus hillorum</i> Koopman, 1989
31 Dec 1991	<i>Nycteris gaudis</i> Baker, Honeycutt and Van den Bussche	<i>Nycteris grandis</i> Peters, 1865
31 Dec 1991	<i>Epomophorus minimus</i> Claessen and De Vree	<i>Epomophorus minimus</i> Claessen & De Vree, 1991
31 Dec 1992	<i>Attelepharca</i> Corbet and Hill	<i>Pipistrellus</i> Kaup, 1829
31 Dec 1992	<i>Eptesicus zulensis</i> Freitas, Bogo, and Christoff	<i>Neoromicia zuluensis</i> (Roberts, 1924)
31 Dec 1992	<i>occidentalis</i> Juste and Ibáñez	<i>Miniopterus minor</i> Peters, 1867
31 Dec 1992	<i>Eptesicus rendallii</i> Rautenbach and Fenton	<i>Neoromicia rendalli</i> (Thomas, 1889)
31 Dec 1993	<i>Rhinolophus</i> Amr and Qumsiyeh	<i>Rhinolophus</i> Lacépède, 1799
31 Dec 1993	<i>Rousettus aegyptiacus thomensis</i> Feiler, Haft and Widmann	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)
31 Dec 1993	<i>Phylletis</i> Juste and Ibáñez	<i>Myonycteris (Phygetis)</i> K. Andersen, 1912
31 Dec 1993	<i>Rousettus aegyptiacus tomensis</i> Juste and Ibáñez	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)
31 Dec 1993	<i>Rousettus aegyptiacus princeps</i> Juste and Ibáñez	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)
31 Dec 1993	<i>Tadarida (Chaerephon) tomensis</i> Juste and Ibáñez	<i>Chaerephon tomensis</i> (Juste and Ibáñez, 1993)
31 Dec 1993	<i>angur</i> Koopman	<i>Rhinolophus clivosus</i> Cretzschmar, 1828
31 Dec 1993	<i>Miniopterus minor grivaudi</i> Koopman	<i>Miniopterus manavi</i> Thomas, 1906
31 Dec 1993	<i>spillmani</i> Koopman	<i>Chaerephon nigeriae spillmanni</i> (Monard, 1933)
31 Dec 1993	<i>subtilis</i> Koopman	<i>Pipistrellus hesperidus subtilis</i> (Sundevall, 1846)
31 Dec 1993	<i>tunetae</i> Koopman	<i>Rhinolophus mehelyi</i> Matschie, 1901
31 Dec 1995	<i>Pipistrellus somalius</i> Burland, Jones, Racey, and Wayne	<i>Neoromicia somalicus</i> (Thomas, 1901)
31 Dec 1995	<i>Pipistrellus (Pipistrellus) ruePELLI</i> Nowak	<i>Pipistrellus ruePELLI</i> (Fischer, 1829)
31 Dec 1995	<i>Capaccinus</i> Pavlinov, Borissenko, Kruskop and Jahonton	<i>Myotis</i> Kaup, 1829
31 Dec 1995	<i>Dynops</i> Pavlinov, Borissenko, Kruskop and Jahonton	<i>Tadarida</i> Rafinesque, 1814
31 Dec 1995	<i>Exochirus</i> Pavlinov, Borissenko, Kruskop and Jahonton	<i>Myotis</i> Kaup, 1829
31 Dec 1995	<i>Miniopterus schreibersi</i> Pavlinov, Borissenko, Kruskop and Jahonton	<i>Miniopterus schreibersi</i> (Kuhl, 1817)
31 Dec 1995	<i>Selisia</i> Pavlinov, Borissenko, Kruskop and Jahonton	<i>Myotis</i> Kaup, 1829
31 Dec 1995	<i>Tadaridinae</i> Pavlinov, Borissenko, Kruskop and Jahonton	<i>Molossinae</i> Gervais, 1856
31 Dec 1995	<i>tunetai</i> Pavlinov, Borissenko, Kruskop and Jahonton	<i>Rhinolophus mehelyi</i> Matschie, 1901
31 Dec 1995	<i>Eptesicus somalicus malagasyensis</i> Peterson, Eger and Mitchell	<i>Neoromicia malagasyensis</i> (Peterson, Eger and Mitchell, 1995)
31 Dec 1995	<i>Miniopterus gleni</i> Peterson, Eger and Mitchell	<i>Miniopterus gleni</i> Peterson, Eger and Mitchell, 1995
31 Dec 1995	<i>Scabifer</i> Peterson, Eger and Mitchell	<i>Neoromicia</i> Roberts, 1926
31 Dec 1995	<i>VESPERTILIFORMES</i> Zagorodniuk, Godovanets, Pokynchereda and Kyseliuk	<i>VESPERTILIONIFORMI</i>
31 Dec 1996	<i>Epomophorus anarus</i> Kityo and Kerbis	<i>Epomophorus labiatus</i> (Temminck, 1837)
31 Dec 1996	<i>Mops trevoli</i> Kityo and Kerbis	<i>Mops (Mops) trevori</i> J.A. Allen, 1917
31 Dec 1996	<i>Myotis</i> Spiewak, Johansson and Wüthrich	<i>Myotis</i> Kaup, 1829

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31 Dec 1996	<i>Myotiz myotiz</i> Spiewak, Johansson and Wüthrich	<i>Myotis myotis</i> (Borkhausen, 1797)
31 Dec 1997	<i>Lissonycteris angolensis goliath</i> Bergmans	<i>Lissonycteris goliath</i> Bergmans, 1997
31 Dec 1997	<i>Lissonycteris angolensis petraea</i> Bergmans	<i>Lissonycteris petraea</i> Bergmans, 1997
31 Dec 1997	<i>Pipistrellus aegyptiacus</i> Decher	<i>Pipistrellus deserti</i> Thomas, 1902
31 Dec 1997	VESPERTILIONIFORMES Zagorodniuk	VESPERTILIONIFORMI
31 Dec 1998	<i>Molossoidea</i> Simmons	MOLOSSOIDEA Simmons, 1998
31 Dec 1998	<i>Myotiinae</i> Simmons	<i>Myotiinae</i> Tate, 1942
31 Dec 1998	<i>Nycteris</i> Van Cakenberghe and De Vree	<i>Nycteris</i> G. Cuvier and E. Geoffroy, 1795
31 Dec 1998	VESPERTILIONIFORMES Zagorodnyuk	VESPERTILIONIFORMI
31 Dec 1999	<i>Pipistrellus madarensis</i> Ohlendorf	<i>Pipistrellus maderensis</i> (Dobson, 1878)
31 Dec 1999	<i>Pipistallus</i> Salleh, Hang, Rahman and Abdulla	<i>Pipistrellus</i> Kaup, 1829
31 Dec 1999	<i>Nycteris thabaica labiata</i> Van Cakenberghe and De Vree	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
31 Dec 2000	<i>Myotis cf. punicus</i> Castella, Ruedi, Excoffier, Ibanez, Arlettaz and Hausser	<i>Myotis punicus</i> Felten, 1977
31 Dec 2000	<i>Otomops martiensseni madagascarensis</i> Horáček, Hanák and Gaisler	<i>Otomops madagascariensis</i> Dorst, 1953
31 Dec 2000	<i>Eidolon helvum annobonensis</i> Juste, Ibáñez and Machordom	<i>Eidolon helvum helvum</i> (Kerr, 1792)
31 Dec 2000	<i>Rhinolophus maendeleo</i> Kock, Csorba and Howell	<i>Rhinolophus maendeleo</i> Kock, Csorba and Howell, 2000
31 Dec 2000	<i>Epomops buettikoferi</i> Konstantinov, Pema, Labzin and Farafonova	<i>Epomops buettikoferi</i> (Matschie, 1899)
31 Dec 2000	<i>Nanonycteris weldkampii</i> Konstantinov, Pema, Labzin and Farafonova	<i>Nanonycteris veldkampii</i> (Jentink, 1888)
31 Dec 2000	<i>Plecotus balenis</i> Kruskop and Lavrenchenko	<i>Plecotus balensis</i> Kruskop & Lavrenchenko, 2000
31 Dec 2000	<i>Pipistrellis</i> Qui, Han, Qi and Yufen	<i>Pipistrellus</i> Kaup, 1829
31 Dec 2001	<i>Lissonycteris goliath</i> Cotterill	<i>Lissonycteris goliath</i> Bergmans, 1997
31 Dec 2001	<i>Lissonycteris petraea</i> Cotterill	<i>Lissonycteris petraea</i> Bergmans, 1997
31 Dec 2001	<i>Glauconycteris curryi</i> Eger and Schlitter	<i>Glauconycteris curryae</i> Eger and Smith, 2001
31 Dec 2001	<i>Pipistrellus africanus meesteri</i> Kock	<i>Pipistrellus nanus</i> (Peters, 1852)
31 Dec 2001	YANGOCHIROPTERA Springer, Teeling, Madsen, Stanhope, and De Jong	VESPERTILIONIFORMI
31 Dec 2001	YINPTEROCHIROPTERA Springer, Teeling, Madsen, Stanhope, and De Jong	VESPERTILIONIFORMI
31 Dec 2001	YINPTEROCHIROPTERA Springer, Teeling, Madsen, Stanhope, and De Jong	PTEROPODIFORMI
31 Dec 2001	<i>Pipistrellus cf. kuhlii</i> Volleth, Bronner, Göpfert, Heller, von Helversen and Yong	<i>Pipistrellus cf. kuhlii</i> Volleth, Bronner, Göpfert, Heller, von Helversen and Yong, 2001
31 Dec 2002	<i>Rhinolophus sakejensis</i> Cotterill	<i>Rhinolophus sakejensis</i> Cotterill, 2002
31 Dec 2002	<i>Rhinolophus ziama</i> Fahr, Vierhaus, Hutterer and Kock	<i>Rhinolophus ziama</i> Fahr, Vierhaus, Hutterer and Kock, 2002
31 Dec 2002	<i>Eptesicus tennuipinnis</i> Fenton and Bogdanowicz	<i>Neoromicia tenuipinnis</i> (Peters, 1872)
31 Dec 2002	<i>Eptesicus tenuipinnis</i> Fenton and Bogdanowicz	<i>Neoromicia tenuipinnis</i> (Peters, 1872)
31 Dec 2002	<i>Nycteris argae</i> Fenton and Bogdanowicz	<i>Nycteris arge</i> Thomas, 1903
31 Dec 2002	<i>Trienops</i> Paniutina	<i>Trienops</i> Dobson, 1871
31 Dec 2002	<i>Nyctalis Sheshurak</i> and Kedrov	<i>Nyctalus</i> Bowdich, 1825
31 Dec 2002	<i>Barbastella barbastellus guanchae</i> Trujillo, Ibáñez and Juste	<i>Barbastella barbastellus</i> (Schreber, 1774)
31 Dec 2003	<i>H[ypsugo] savii darwinii</i> Pestano, Brown, Suárez, and Fajardo	<i>Hypsugo savii</i> (Bonaparte, 1837)
31 Dec 2003	<i>Myotis nattereri</i> Yoshiyuki and Endo	<i>Myotis nattereri</i> (Kuhl, 1817)
31 Oct 2004	<i>Epomophorus anselii</i> Bergmans and Van Strien	<i>Epomophorus anselii</i> Bergmans and Van Strien, 2004
31 Dec 2004	<i>Pipistrellus hanaki</i> Benda, Hulva and Gaisler	<i>Pipistrellus hanaki</i> Hulva and Benda, 2004
31 Dec 2004	<i>Plecotus teneriffae gaisleri</i> Benda, Kiefer, Hanák and Vieth	<i>Plecotus teneriffae gaisleri</i> Benda, Kiefer, Hanak & Veith, 2004
31 Dec 2004	<i>Myotis (Cistugo) sebrai</i> Bickham, Patton, Schlitter, Rautenbach and Honeycutt	<i>Cistugo seabrae</i> Thomas, 1912
31 Dec 2004	<i>Chaerephon jobimena</i> Goodman and Cardiff	<i>Chaerephon jobimena</i> Goodman and Cardiff, 2004
31 Dec 2004	<i>Micropterus pusillus</i> Henry, Barrière, Gautier-Hion and Colyn	<i>Micropteropus pusillus</i> (Peters, 1868)
31 Dec 2004	PTEROPODIFORMES Hutcheon and Kirsch	PTEROPODIFORMI
31 Dec 2004	VESPERTILIONIFORMES Hutcheon and Kirsch	VESPERTILIONIFORMI

Publication date	Original Name	Current Name
31 Dec 2005	<i>Scotophilus tandrefana</i> Goodman, Jenkins and Ratrimomanarivo	<i>Scotophilus tandrefana</i> Goodman, Jenkins and Ratrimomanarivo, 2005
31 Dec 2005	<i>Myotis dieteri</i> M. Happold	<i>Myotis dieteri</i> M. Happold, 2005
31 Dec 2005	<i>Keivoula</i> Struebig, Rossiter, Bates, Kingston, Sai Sein Lin Oo, Aye Aye Nwe, Moe Moe Aung, Sein Sein Win and Khin Mya Mya	<i>Kerivoula</i> Gray, 1842
31 Dec 2005	<i>EMBALLONUROIDEA</i> Teeling, Springer, Madsen, Bates, O'Brien, and Murphy	<i>NYCTEROIDEA</i>
19 Oct 2006	<i>Emballonura tiavato</i> Goodman, Cardiff, Ranivo, Russell and Yoder	<i>Emballonura tiavato</i> Goodman, Cardiff, Ranivo, Russell, and Yoder, 2006
31 Dec 2006	<i>Pipistrellus raceyi</i> Bates, Ratrimomanarivo, Harrison and Goodman	<i>Pipistrellus raceyi</i> Bates, Ratrimomanarivo, Harrison and Goodman, 2006
31 Dec 2006	<i>Scotophilus marovaza</i> Goodman, Ratrimomanarivo and Randrianandrianina	<i>Scotophilus marovaza</i> Goodman, Ratrimomanarivo and Randrianandrianina, 2006
26 Mar 2007	<i>Myzopoda schliemanni</i> Goodman, Rakotondraparany and Kofoky	<i>Myzopoda schliemanni</i> Goodman, Rakotondraparany and Kofoky, 2007
0 3301	<i>DERMAPTERA</i> Aristotle	<i>CHIROPTERA</i> Blumenbach, 1779
?	<i>brachyptera</i>	<i>Myonycteris (Myonycteris) brachyptera</i>
?	<i>Epomophorus</i>	<i>Micropteropus</i> Matschie, 1899
?	<i>Epomophorus</i>	<i>Nanonycteris</i> Matschie, 1899
?	<i>Epomophorus angolensis</i>	<i>Epomophorus gambianus crypturus</i> Peters, 1852
?	<i>Epomophorus anurus</i>	<i>Epomophorus labiatus minor</i> Dobson, 1880
?	<i>Epomophorus anurus</i>	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)
?	<i>Epomophorus crypturus</i>	<i>Epomophorus wahlbergi</i> (Sundevall, 1846)
?	<i>Epomophorus gambianus</i>	<i>Epomophorus gambianus crypturus</i> Peters, 1852
?	<i>Epomophorus gambianus</i>	<i>Epomophorus gambianus pousarguesi</i> Trouessart, 1904
?	<i>Epomophorus gambianus</i>	<i>Epomophorus wahlbergi</i> (Sundevall, 1846)
?	<i>Epomophorus labiatus</i>	<i>Epomophorus labiatus minor</i> Dobson, 1880
?	<i>Epomophorus labiatus anurus</i>	<i>Epomophorus labiatus minor</i> Dobson, 1880
?	<i>Epomophorus n. sp.</i>	<i>Plerotes anchietae</i> (de Seabra, 1900)
?	<i>Epomophorus pusillus</i>	<i>Epomophorus labiatus minor</i> Dobson, 1880
?	<i>Epomophorus sp.</i>	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)
?	<i>Hypsignathus monstrosus</i>	<i>Hypsignathus monstrosus</i> H. Allen, 1862
?	<i>Myotis bocagei bocagei</i>	<i>Myotis bocagei bocagei</i> (Peters, 1870)
?	<i>Nanonycteris veldkampii</i>	<i>Micropteropus pusillus</i> (Peters, 1868)
?	<i>Nanonycteris veldkampii</i>	<i>Plerotes anchietae</i> (de Seabra, 1900)
?	<i>NOCTILIONIFORMACEI</i>	<i>NOCTILIONIFORMACEI</i>
?	<i>NOCTILIONOIDEA</i>	<i>NOCTILIONOIDEA</i>
?	<i>NYCTERIFORMACEI</i>	<i>NYCTERIFORMACEI</i>
?	<i>NYCTEROIDEA</i>	<i>NYCTEROIDEA</i>
?	<i>Plerotes ancheilae</i>	<i>Plerotes anchietae</i> (de Seabra, 1900)
?	<i>Plerotes anchietai</i>	<i>Plerotes anchietae</i> (de Seabra, 1900)
?	<i>PTEROPODIDEA</i>	<i>PTEROPODOIDEA</i>
?	<i>PTEROPODIFORMACEI</i>	<i>PTEROPODIFORMACEI</i>
?	<i>PTEROPODIFORMI</i>	<i>PTEROPODIFORMI</i>
?	<i>RHINOLOPHIFORMACEI</i>	<i>RHINOLOPHIFORMACEI</i>
?	<i>RHINOLOPHOIDEA</i>	<i>RHINOLOPHOIDEA</i>
?	<i>VESPERTILIONIFORMACEI</i>	<i>VESPERTILIONIFORMACEI</i>
?	<i>VESPERTILIONIFORMI</i>	<i>VESPERTILIONIFORMI</i>
?	<i>Yangochiroptera</i>	<i>VESPERTILIONIFORMACEI</i>
?	<i>Yinochiroptera</i>	<i>RHINOLOPHIFORMACEI</i>

Appendix 3d: Synonyms by Country of Type Specimen

Synonyms arranged in order of the country from which they were described and year of publication.

Synonyms where "Null" is given in place of the author name indicate incomplete entries for which the information has not yet been found.

Unknown Country

1774	<i>murinus</i> Schreber	<i>Myotis myotis</i> (Borkhausen, 1797)
1777	<i>Pteropus</i> Erleben	<i>Pteropus</i> Erleben, 1777
1779	CHIROPTERA Blumenbach	CHIROPTERA Blumenbach, 1779
1792	<i>major</i> Kerr	<i>Rhinolophus ferrumequinum</i> (Schreber, 1774)
1795	<i>Nycteris</i> G. Cuvier and E. Geoffroy	<i>Nycteris</i> G. Cuvier and E. Geoffroy, 1795
1797	<i>Vespertilio myosotis</i> Borkhausen	<i>Myotis myotis</i> (Borkhausen, 1797)
1799	<i>Rhinolophus</i> Lacépède	<i>Rhinolophus</i> Lacépède, 1799
1799	<i>Spectrum</i> Lacépède	<i>Pteropus</i> Erleben, 1777
1802	<i>Spectrum rubidum</i> Daudin	<i>Pteropus subniger</i> (Kerr, 1792)
1803	<i>major</i> E. Geoffroy Saint-Hilaire	<i>Rhinolophus ferrumequinum</i> (Schreber, 1774)
1803	<i>Nycteris</i> Desmarest	<i>Nycteris</i> G. Cuvier and E. Geoffroy, 1795
1803	<i>ruber</i> E. Geoffroy Saint-Hilaire	<i>Pteropus subniger</i> (Kerr, 1792)
1806	<i>Vespertilio serotinus</i> E. Geoffroy Saint-Hilaire	<i>Nyctalus noctula</i> (Schreber, 1774)
1809	<i>Vespertilio caninus</i> var. <i>b</i> Goldfuss	<i>Eidolon helvum helvum</i> (Kerr, 1792)
1814	<i>Tadarida</i> Rafinesque	<i>Tadarida</i> Rafinesque, 1814
1814	<i>torquatus</i> G. Fischer	<i>Pteropus subniger</i> (Kerr, 1792)
1815	<i>Eidolon</i> Rafinesque	<i>Eidolon</i> Rafinesque, 1815
1815	<i>Pteropus collaris</i> Illiger	<i>Pteropus subniger</i> (Kerr, 1792)
1815	<i>Vespertilia</i> Rafinesque	VESPERTILIONIDAE Gray, 1821
1816	<i>Macrotus</i> Leach	<i>Plecotus</i> E. Geoffroy St.-Hilaire, 1818
1816	<i>Myopterus senegalensis</i> Oken	<i>Myopterus daubentonii</i> Desmarest, 1820
1816	<i>Phyllorhina</i> Leach	<i>Rhinolophus</i> Lacépède, 1799
1818	<i>Myopterus</i> E. Geoffroy Saint-Hilaire	<i>Myopterus</i> E. Geoffroy St.-Hilaire, 1818
1818	<i>Nyctinomus</i> E. Geoffroy Saint-Hilaire	<i>Chaerephon</i> Dobson, 1874
1818	<i>Plecotus</i> E. Geoffroy Saint-Hilaire	<i>Plecotus</i> E. Geoffroy St.-Hilaire, 1818
1818	<i>Pteropus aegyptiacus</i> E. Geoffroy Saint-Hilaire	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)
1818	<i>Rhinopoma</i> E. Geoffroy Saint-Hilaire	<i>Rhinopoma</i> E. Geoffroy St.-Hilaire, 1818
1818	<i>Taphozous</i> E. Geoffroy Saint-Hilaire	<i>Taphozous</i> E. Geoffroy St.-Hilaire, 1818
1819	<i>Vespertilio dasykarpos</i> Kuhl	<i>Nyctalus leisleri</i> (Kuhl, 1817)
1820	<i>Eptesicus</i> Rafinesque	<i>Eptesicus</i> Rafinesque, 1820
1820	<i>Myopterus</i> Desmarest	<i>Myopterus</i> E. Geoffroy St.-Hilaire, 1818
1820	<i>Rhinopoma microphylla</i> Desmarest	<i>Rhinopoma microphyllum</i> (Brünnich, 1782)
1821	<i>Barbastella</i> Gray	<i>Barbastella</i> Gray, 1821
1821	<i>Nyctinomus</i> Gray	<i>Tadarida</i> Rafinesque, 1814
1821	<i>Rousettus</i> Gray	<i>Rousettus</i> Gray, 1821
1821	<i>Vespertilionidae</i> Gray	VESPERTILIONIDAE Gray, 1821
1821	<i>Vespertilioninae</i> Gray	<i>Vespertilioninae</i> Gray, 1821
1821	<i>Vespertilionoidea</i> Gray	VESPERTILIONOIDEA Gray, 1821
1821	<i>Scotophilus</i> Leach	<i>Scotophilus</i> Leach, 1821
1821	<i>Cephalotidae</i> Gray	PTEROPODIDAE Bonaparte, 1838
1821	CHEIROPTERA Gray	CHIROPTERA Blumenbach, 1779
1821	FRUCTIVORAE Grey	PTEROPODIFORMI
1821	INSECTIVORAE Gray	VESPERTILIONIFORMI
1821	<i>Nyctinoma</i> Bowdich	<i>Tadarida</i> Rafinesque, 1814
1821	<i>Pteropidae</i> Gray	PTEROPODIDAE Bonaparte, 1838
1822	CHEIROPTERA Flemming	CHIROPTERA Blumenbach, 1779
1822	<i>Nyctinomia</i> Fleming	<i>Tadarida</i> Rafinesque, 1814
1825	<i>Dinops</i> Savi	<i>Tadarida</i> Rafinesque, 1814
1825	<i>Nyctalus</i> Bowdich	<i>Nyctalus</i> Bowdich, 1825
1825	<i>Pteropus geoffroyi</i> Temminck	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)
1825	<i>Rhinolophidae</i> Gray	RHINOLOPHIDAE Gray, 1825
1825	<i>Rhinolophinae</i> Gray	<i>Rhinolophinae</i> Gray, 1825
1827	<i>Dysopes geoffroyi</i> Temminck	<i>Tadarida aegyptiaca aegyptiaca</i> (E. Geoffroy St.-Hilaire, 1818)
1827	<i>Vespertilio ferrugineus</i> Brehm	<i>Nyctalus lasiopterus</i> (Schreber, 1780)
1827	<i>Vespertilio screibersii</i> Lesson	<i>Miniopterus schreibersii</i> (Kuhl, 1817)
1829	<i>Cercopteropus</i> Burnett	<i>Rousettus</i> Gray, 1821
1829	<i>Barbastellus</i> Kaup	<i>Barbastella</i> Gray, 1821
1829	<i>Cnephæus</i> Kaup	<i>Eptesicus</i> Rafinesque, 1820
1829	<i>Myotis</i> Kaup	<i>Myotis</i> Kaup, 1829
1829	<i>Nystactes</i> Kaup	<i>Myotis</i> Kaup, 1829

1829	<i>Pipistrellus</i> Kaup	<i>Pipistrellus</i> Kaup, 1829
1829	<i>Plecautus</i> F. Cuvier	<i>Plecotus</i> E. Geoffroy St.-Hilaire, 1818
1829	<i>Pterygistes</i> Kaup	<i>Nyctalus</i> Bowdich, 1825
1829	<i>Vespertilio auritus</i> β <i>aegyptius</i> J.B. Fischer	<i>Plecotus christii</i> Gray, 1838
1830	<i>Dysopes</i> Cretzschmar	<i>Tadarida</i> Rafinesque, 1814
1830	<i>Loeconoë</i> Boie	<i>Myotis</i> Kaup, 1829
1831	<i>Hipposideros</i> Gray	<i>Hipposideros</i> Gray, 1831
1831	<i>Pachyotus</i> Gray	<i>Scotophilus</i> Leach, 1821
1834	<i>Hipposideros</i> Gray	<i>Hipposideros</i> Gray, 1831
1835	<i>Pteropus</i> Ogilby	<i>Epomophorus</i> Bennett, 1836
1835	<i>Epomophorus gambianus</i> Ogilby	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)
1835	<i>Epomophorus gambianus</i> Ogilby	<i>Epomophorus gambianus</i> (Ogilby, 1835)
1836	<i>Epomophorus</i> Bennett	<i>Epomophorus</i> Bennett, 1836
1836	<i>Rhinocrepis</i> Gervais	<i>Rhinolophus</i> Lacépède, 1799
1837	<i>Miniopterus</i> Bonaparte	<i>Miniopterus</i> Bonaparte, 1837
1837	<i>Myoptera</i> de Blainville	<i>Myopterus</i> E. Geoffroy St.-Hilaire, 1818
1837	<i>Noctula</i> Bonaparte	<i>Eptesicus</i> Rafinesque, 1820
1837	<i>Pipistrella</i> Bonaparte	<i>Pipistrellus</i> Kaup, 1829
1837	<i>vulgaris</i> Temminck	<i>Pteropus subniger</i> (Kerr, 1792)
1838	<i>Asellia</i> Gray	<i>Asellia</i> Gray, 1838
1838	<i>Barbastellus communis</i> Gray	<i>Barbastella barbastellus</i> (Schreber, 1774)
1838	<i>Epomophorus whitii</i> Gray	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)
1838	<i>Lavia</i> Gray	<i>Lavia</i> Gray, 1838
1838	<i>Petalia</i> Gray	<i>Nycteris</i> G. Cuvier and E. Geoffroy, 1795
1838	<i>Romicia</i> Gray	<i>Pipistrellus</i> Kaup, 1829
1838	<i>Emballonura</i> Temminck	<i>Emballonura</i> Temminck, 1838
1838	<i>Nyctinomus pusilus</i> Lesson	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)
1838	PTEROPODIDAE Bonaparte	PTEROPODIDAE Bonaparte, 1838
1838	<i>Saccolaimus</i> Temminck	<i>Saccolaimus</i> Temminck, 1838
1839	<i>pachygnathus</i> Michahelles	<i>Nyctalus leisleri</i> (Kuhl, 1817)
1839	<i>Synotis</i> Keyserling and Blasius	<i>Barbastella</i> Gray, 1821
1839	<i>Vesperugo</i> Keyserling and Blasius	<i>Nyctalus</i> Bowdich, 1825
1839	<i>Vesperugo</i> Keyserling and Blasius	<i>Pipistrellus</i> Kaup, 1829
1839	<i>Vesperugo</i> Keyserling and Blasius	<i>Eptesicus</i> Rafinesque, 1820
1839	<i>Vesperus</i> Keyserling and Blasius	<i>Eptesicus</i> Rafinesque, 1820
1840	<i>Dysopes Savii</i> Schinz	<i>Tadarida teniotis</i> (Rafinesque, 1814)
1840	<i>Romicius</i> Blyth	<i>Pipistrellus</i> Kaup, 1829
1841	<i>Capaccinius</i> Bonaparte	<i>Myotis</i> Kaup, 1829
1841	<i>Selysius</i> Bonaparte	<i>Myotis</i> Kaup, 1829
1842	<i>Kerivoula</i> Gray	<i>Kerivoula</i> Gray, 1842
1842	<i>Noctulinia</i> Grey	<i>Nyctalus</i> Bowdich, 1825
1842	<i>Trilatitus</i> Gray	<i>Myotis</i> Kaup, 1829
1842	<i>Harpyidae</i> H. Smith	PTEROPODIDAE Bonaparte, 1838
1842	<i>Mops</i> Lesson	<i>Mops (Mops)</i> Lesson, 1842
1842	<i>Mops</i> Lesson	<i>Mops</i> Lesson, 1842
1842	<i>Nicticejus</i> Rüppell	<i>Scotophilus</i> Leach, 1821
1843	<i>Xantharpyia</i> Gray	<i>Rousettus</i> Gray, 1821
1843	<i>Gymnorhina</i> Wagner	VESPERTILIONIDAE Gray, 1821
1844	<i>Eleutherura</i> Gray	<i>Rousettus</i> Gray, 1821
1846	<i>Livia</i> Agassiz	<i>Lavia</i> Gray, 1838
1847	<i>Aquias</i> Gray	<i>Rhinolophus</i> Lacépède, 1799
1849	<i>Kirivoula</i> Gervais	<i>Kerivoula</i> Gray, 1842
1849	<i>Tralatitus</i> Gervais	<i>Myotis</i> Kaup, 1829
1849	<i>Vespertilio minutus</i> A. Smith	<i>Eptesicus hottentotus</i> (A. Smith, 1833)
1852	<i>Cynonycteris</i> Peters	<i>Rousettus</i> Gray, 1821
1852	<i>Phyllorhina caffra</i> Peters	<i>Hipposideros caffer</i> (Sundevall, 1846)
1853	<i>Pachysoma</i> Temminck	<i>Epomophorus</i> Bennett, 1836
1853	<i>V[esperugo (Vesperugo)] Kuhl</i> Blasius	<i>Pipistrellus kuhlii</i> (Kuhl, 1817)
1854	<i>Rhinopomus</i> Gervais	<i>Rhinopoma</i> E. Geoffroy St.-Hilaire, 1818
1855	Emballonuridae Gervais	EMBALLONURIDAE Gervais, 1855
1856	Molossidae Gervais	MOLOSSIDAE Gervais, 1856
1856	Molossinae Gervais	Molossinae Gervais, 1856
1855	FRUGIVORA Giebel	PTEROPODIFORMI
1855	<i>Gymnorhina</i> Giebel	VESPERTILIONIFORMI
1855	<i>Histiorhina</i> Van der Hoeven	RHINOLOPHIDAE Gray, 1825
1855	Nycteridae Van der Hoeven	NYCTERIDAE Van der Hoeven, 1855
1855	<i>Nycticeina</i> Gervais	VESPERTILIONIDAE Gray, 1821
1856	<i>Brachyotus</i> Kolenati	<i>Myotis</i> Kaup, 1829
1856	<i>Cateorus</i> Kolenati	<i>Eptesicus</i> Rafinesque, 1820
1856	<i>Hypsugo</i> Kolenati	<i>Hypsugo</i> Kolenati, 1856
1856	<i>Isotus</i> Kolenati	<i>Myotis</i> Kaup, 1829
1856	<i>Meteorus</i> Kolenati	<i>Eptesicus</i> Rafinesque, 1820
1856	<i>Myotus</i> Kolenati	<i>Myotis</i> Kaup, 1829
1856	<i>Nannugo</i> Kolenati	<i>Pipistrellus</i> Kaup, 1829
1856	<i>Panugo</i> Kolenati	<i>Nyctalus</i> Bowdich, 1825
1856	<i>Vesperus (Cateorus) Sorotinus</i> Kolenati	<i>Eptesicus serotinus</i> (Schreber, 1774)

1858	<i>Amblyotus Kolenati</i>	<i>Eptesicus Rafinesque</i> , 1820
1859	<i>Otonycteris Peters</i>	<i>Otonycteris Peters</i> , 1859
1860	<i>Epomophorus schoënsis</i> Tomes	<i>Micropteropus pusillus</i> (Peters, 1868)
1860	<i>Phyllorhina Koch</i>	HIPPOSIDERIDAE Lydekker, 1891
1860	<i>Phyllorhina Koch</i>	<i>Hipposiderinae</i> Lydekker, 1891
1861	<i>Nyctophilax Fitzinger</i>	<i>Kerivoula Gray</i> , 1842
1861	<i>Pterocyon Peters</i>	<i>Eidolon Rafinesque</i> , 1815
1862	<i>Sphyrocephalus A. Murray</i>	<i>Hypsignathus H. Allen</i> , 1862
1862	<i>Zygaenocephalus A. Murray</i>	<i>Hypsignathus H. Allen</i> , 1862
1862	<i>Zygaenocephalus labrosus A. Murray</i>	<i>Hypsignathus monstrosus H. Allen</i> , 1862
1862	<i>Hypsignathus H. Allen</i>	<i>Hypsignathus H. Allen</i> , 1862
1863	<i>Aristippe Kolenati</i>	<i>Eptesicus Rafinesque</i> , 1820
1864	Megadermatidae H. Allen	MEGADERMATIDAE H. Allen , 1864
1865	<i>Brachyura Peters</i>	EMBALLONURIDAE Gervais, 1855
1865	<i>Mormopterus Peters</i>	<i>Mormopterus Peters</i> , 1865
1865	<i>Nyctophilinae Peters</i>	<i>Vespertilioninae Gray</i> , 1821
1866	<i>Miniopterus Gray</i>	<i>Miniopterus Bonaparte</i> , 1837
1866	<i>Nyctophilina Gray</i>	VESPERTILIONIDAE Gray, 1821
1866	<i>Pachyomus Gray</i>	<i>Eptesicus Rafinesque</i> , 1820
1866	<i>Plecotina Gray</i>	VESPERTILIONIDAE Gray, 1821
1866	<i>Romiciana Gray</i>	VESPERTILIONIDAE Gray, 1821
1866	<i>Tralatitius Gray</i>	<i>Myotis Kaup</i> , 1829
1866	<i>Chrysonycteris Gray</i>	<i>Hipposideros Gray</i> , 1831
1866	<i>Eunycteris Gray</i>	<i>Pteropus Erxleben</i> , 1777
1866	<i>Gloionycteris Gray</i>	<i>Hipposideros Gray</i> , 1831
1866	<i>Macronycteris Gray</i>	<i>Hipposideros Gray</i> , 1831
1866	<i>Nycterops Gray</i>	<i>Nycteris G. Cuvier and E. Geoffroy</i> , 1795
1866	<i>Pelatia Gray</i>	<i>Nycteris G. Cuvier and E. Geoffroy</i> , 1795
1866	<i>Phyllotis Gray</i>	<i>Rhinolophus Lacépède</i> , 1799
1866	<i>Rhinophylla Gray</i>	<i>Hipposideros Gray</i> , 1831
1866	<i>Speorifera Gray</i>	<i>Hipposideros Gray</i> , 1831
1866	ENTOMOPHAGA Murray	VESPERTILIONIFORMI
1866	<i>Epomophorina Gray</i>	PTEROPODINAE Gray, 1821
1866	<i>Epomops Gray</i>	<i>Epomops Gray</i> , 1866
1866	<i>Macroglossina Gray</i>	MACROGLOSSINAE Gray, 1866
1866	MACROGLOSSINAE Gray	MACROGLOSSINAE Gray, 1866
1866	<i>Nycterides Haeckel</i>	VESPERTILIONIFORMI
1866	<i>Pterocynes Haeckel</i>	PTEROPODIFORMI
1866	<i>Rhinonycterina Gray</i>	HIPPOSIDERIDAE Lydekker, 1891
1866	<i>Rhinonycteris Gray</i>	<i>Hipposiderinae</i> Lydekker, 1891
1867	<i>Caeloephyllus Peters</i>	<i>Rhinolophus Lacépède</i> , 1799
1868	<i>Alobus Peters</i>	<i>Pipistrellus Kaup</i> , 1829
1867	<i>Coleura Peters</i>	<i>Coleura Peters</i> , 1867
1867	<i>Pteropterus Peters</i>	<i>Myotis Kaup</i> , 1829
1868	<i>Rhinopoma sennarensense</i> Hartmann	<i>Rhinopoma hardwickii Gray</i> , 1831
1868	<i>sicula</i> Mina-Palumbo	<i>Nyctalus lasiopterus</i> (Schreber, 1780)
1869	<i>Gymnorhinida Fatio</i>	VESPERTILIONIDAE Gray, 1821
1869	<i>maxima</i> Fatio	<i>Nyctalus lasiopterus</i> (Schreber, 1780)
1870	<i>Nyctophilax Fitzinger</i>	<i>Kerivoula Gray</i> , 1842
1870	<i>Aëorestes Fitzinger</i>	<i>Myotis Kaup</i> , 1829
1870	<i>Comastes Fitzinger</i>	<i>Myotis Kaup</i> , 1829
1870	<i>Exochurus Fitzinger</i>	<i>Myotis Kaup</i> , 1829
1870	<i>Nyctiptenus Fitzinger</i>	<i>Eptesicus Rafinesque</i> , 1820
1870	<i>Pselaphon Gray</i>	<i>Pteropus Erxleben</i> , 1777
1870	<i>Rhinolophus eggenhöffner</i> Fitzinger	<i>Rhinolophus hipposideros</i> (Bechstein, 1800)
1870	<i>Senonycteris Gray</i>	<i>Rousettus Gray</i> , 1821
1871	<i>Triaenops Dobson</i>	<i>Triaenops Dobson</i> , 1871
1871	<i>Cyclorhina Peters</i>	<i>Hipposideros Gray</i> , 1831
1871	<i>Doryrhina Peters</i>	<i>Hipposideros Gray</i> , 1831
1871	<i>Ptychorhina Peters</i>	<i>Hipposideros Gray</i> , 1831
1871	<i>Sideroderma Peters</i>	<i>Hipposideros Gray</i> , 1831
1871	<i>Stenonycteris Gray</i>	<i>Rousettus Gray</i> , 1821
1871	<i>Sybdesmotus Peters</i>	<i>Hipposideros Gray</i> , 1831
1871	<i>Syndesmotis Peters</i>	<i>Hipposideros Gray</i> , 1831
1871	<i>Thyreorhina Peters</i>	<i>Hipposideros Gray</i> , 1831
1872	ANIMALIVORA Gill	VESPERTILIONIFORMI
1872	Rhinopomatidae Dobson	RHINOPOMATIDAE Dobson, 1872
1873	<i>Cardioderma Peters</i>	<i>Cardioderma Peters</i> , 1873
1874	<i>Nyctinomus (Chaerephon)</i> Dobson	<i>Chaerephon</i> Dobson, 1874
1875	<i>Glauconycteris Dobson</i>	<i>Glauconycteris Dobson</i> , 1875
1875	Miniopteridae Dobson	MINIOPTERIDAE Dobson, 1875
1875	<i>Macroglossi</i> Dobson	MACROGLOSSINAE Gray, 1866
1875	MEGACHIROPTERA Dobson	PTEROPODIFORMI
1875	MICROCHIROPTERA Dobson	PTEROPODIFORMI
1875	MICROCHIROPTERA Dobson	VESPERTILIONIFORMI
1875	Miniopteri Dobson	VESPERTILIONIDAE Gray, 1821

1876	<i>Taphonycteris</i> Dobson	<i>Saccolaimus</i> Temminck, 1838
1877	<i>Nyctinomus cestoni</i> Dobson	<i>Tadarida ventralis</i> (Heuglin, 1861)
1877	<i>Rhinopoma senaarense</i> , <i>potius senarense</i> Heuglin	<i>Rhinopoma hardwickii</i> Gray, 1831
1877	<i>Taphozoinae</i> Jerdon	EMBALLONURIDAE Gervais, 1855
1877	<i>Vesperugo senarensis</i> Heuglin	<i>Pipistrellus rueppellii rueppellii</i> (Fischer, 1829)
1878	<i>Myzopoda</i> A. Milne-Edwards and A. Grandidier	<i>Myzopoda</i> Milne-Edwards and A. Grandidier, 1878
1878	<i>Plecotus aegyptiacus</i> Dobson	<i>Plecotus christii</i> Gray, 1838
1879	<i>Myxopoda</i> Dobson	<i>Myzopoda</i> Milne-Edwards and A. Grandidier, 1878
1879	<i>Boneia</i> Jentink	<i>Rousettus</i> Gray, 1821
1880	<i>Vesperugo (Vesperus) serotinus isabellinus</i> Dobson	<i>Eptesicus serotinus</i> (Schreber, 1774)
1881	<i>Leiponyx</i> Jentink	<i>Eidolon</i> Rafinesque, 1815
1881	<i>Harpyiinae</i> Robin	PTEROPODINAE Gray, 1821
1882	<i>Liponyx</i> Forbes	<i>Eidolon</i> Rafinesque, 1815
1885	<i>Megaloglossus</i> Pagenstecher	<i>Megaloglossus</i> Pagenstecher, 1885
1886	<i>Vesperugo capensis?</i> Nehring	<i>Neoromicia capensis</i> (A. Smith, 1829)
1887	<i>Scotophilus darwinii</i> Doria	<i>Hypsugo savii</i> (Bonaparte, 1837)
1889	<i>Epomophorus pusillus</i> Noack	<i>Micropteropus intermedius</i> Hayman, 1963
1889	PTETICA Ameghino	CHIROPTERA Blumenbach, 1779
1889	<i>Vesperus tenuipennis</i> Noack	<i>Neoromicia tenuipinnis</i> (Peters, 1872)
1891	<i>N(yctinomus) taeniotis</i> Thomas	<i>Tadarida ventralis</i> (Heuglin, 1861)
1891	<i>Carponycteriinae</i> Lydekker	MACROGLOSSINAE Gray, 1866
1891	<i>Cerivoula</i> Blanford	<i>Kerivoula</i> Gray, 1842
1891	<i>Hipposiderinae</i> Lydekker	<i>Hipposiderinae</i> Lydekker, 1891
1891	<i>Hipposiderinae</i> Lydekker	HIPPOSIDERIDAE Lydekker, 1891
1891	<i>Nyctinomus taeniotis</i> Thomas	<i>Tadarida teniotis</i> (Rafinesque, 1814)
1891	<i>Trygenycteris</i> Lydekker	<i>Megaloglossus</i> Pagenstecher, 1885
1892	<i>Adelonycteris</i> H. Allen	<i>Eptesicus</i> Rafinesque, 1820
1892	<i>Miniopterus</i> Winge	<i>Miniopterus</i> Bonaparte, 1837
1893	<i>Nycteridae</i> Schulze	VESPERTILIONIDAE Gray, 1821
1894	<i>Scotonycteris</i> Matschie	<i>Scotonycteris</i> Matschie, 1894
1895	<i>Myonycteris</i> Matschie	<i>Myonycteris (Myonycteris)</i> Matschie, 1899
1897	<i>midas</i> Schulze	<i>Tadarida teniotis</i> (Rafinesque, 1814)
1897	<i>Nyctinomus vemmeleni</i> Trouessart	<i>Chaerephon bemmeleni</i> (Jentink, 1879)
1898	<i>brachycephalus</i> Seabra	<i>Myonycteris (Phygetis) brachycephala</i> (Bocage, 1889)
1898	<i>Kiodotinae</i> Palmer	MACROGLOSSINAE Gray, 1866
1899	<i>Euvespertilio</i> Acloque	<i>Myotis</i> Kaup, 1829
1899	<i>Euvesperugo</i> Acloque	<i>Pipistrellus</i> Kaup, 1829
1899	<i>Hypsognathus haldemani</i> Matschie	<i>Hypsognathus monstrosus</i> H. Allen, 1862
1899	<i>Micropteropus</i> Matschie	<i>Micropteropus</i> Matschie, 1899
1899	<i>Myonycteris</i> Matschie	<i>Myonycteris</i> Matschie, 1899
1899	<i>Nanonycteris</i> Matschie	<i>Nanonycteris</i> Matschie, 1899
1899	<i>Sericonycteris</i> Matschie	<i>Pteropus</i> Erxleben, 1777
1900	<i>Epomophorus anchietae</i> de Seabra	<i>Plerotes anchietae</i> (de Seabra, 1900)
1900	<i>Miniopterus</i> Lampe	<i>Miniopterus</i> Bonaparte, 1837
1900	<i>Nycteris thebaica fuliginosa</i> Seabra	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1900	<i>Vespertilio tenuipennis</i> Miller	<i>Neoromicia tenuipinnis</i> (Peters, 1872)
1901	<i>N(yctinomus) midas</i> de Winton	<i>Tadarida ventralis</i> (Heuglin, 1861)
1901	<i>Scotoecus</i> Thomas	<i>Scotoecus</i> Thomas, 1901
1901	<i>Laeophotis</i> Thomas	<i>Laeophotis</i> Thomas, 1901
1901	<i>Clæotis</i> Thomas	<i>Cloeotis</i> Thomas, 1901
1901	<i>Euryalus</i> Matschie	<i>Rhinolophus</i> Lacépède, 1799
1902	<i>Syndesmotus</i> Waterhouse	<i>Hipposideros</i> Gray, 1831
1903	<i>Rhinopoma hardwickei</i> Thomas	<i>Rhinopoma hardwickii</i> Gray, 1831
1904	<i>Myzopodidae</i> Thomas	MYZOPODIDAE Thomas, 1904
1904	<i>Mimetillus</i> Thomas	<i>Mimetillus</i> Thomas, 1904
1904	<i>Nyctinomus hindei</i> Thomas	<i>Scotoecus hindei</i> Thomas, 1901
1905	<i>Rhinolophus hipposiderus typicus</i> K. Andersen	<i>Rhinolophus hipposideros</i> (Bechstein, 1800)
1905	<i>Eomops</i> Thomas	<i>Myopterus</i> E. Geoffroy St.-Hilaire, 1818
1905	<i>Scotophilus schliefferi</i> Schwann	<i>Nycticeinops schliefferi</i> (Peters, 1859)
1906	<i>Platymops</i> Thomas	<i>Platymops</i> Thomas, 1906
1906	<i>Pizonyx</i> Miller	<i>Myotis</i> Kaup, 1829
1906	<i>Rhinopterus</i> Miller	<i>Eptesicus</i> Rafinesque, 1820
1907	<i>Rhinopomidae</i> Miller	RHINOPOMATIDAE Dobson, 1872
1907	<i>Desmalopex</i> Miller	<i>Pteropus</i> Erxleben, 1777
1907	<i>Diclidurinae</i> Miller	EMBALLONURIDAE Gervais, 1855
1907	<i>Harpyionycterinae</i> Miller	PTEROPODINAE Gray, 1821
1907	<i>Kerivoulinae</i> Miller	<i>Kerivoulinae</i> Miller, 1907
1908	<i>Scabrifer</i> G.M. Allen	<i>Neoromicia</i> Roberts, 1926
1910	<i>Plerotes</i> K. Andersen	<i>Plerotes</i> K. Andersen, 1910
1910	<i>Casinycteris</i> Thomas	<i>Casinycteris</i> Thomas, 1910
1910	<i>Chrysopteron</i> Jentink	<i>Myotis</i> Kaup, 1829
1910	<i>Petaliidae</i> Miller	NYCTERIDAE Van der Hoeven, 1855

1910	<i>Rhinolophus blasiusi</i> Trouessart	<i>Rhinolophus blasii</i> Peters, 1867
1911	<i>Xiphonycteris</i> Dollman	<i>Mops (Xiphonycteris)</i> Dollman, 1911
1912	<i>Cistugo</i> Thomas	<i>Cistugo</i> Thomas, 1912
1912	Cynopterinae K. Andersen	PTEROPODINAE Gray, 1821
1912	Epomophorinae K. Andersen	PTEROPODINAE Gray, 1821
1912	<i>Epomophorus gambianus</i> K. Andersen	<i>Epomophorus labiatus</i> (Temminck, 1837)
1912	<i>Epomophorus gambianus</i> Thomas	<i>Epomophorus labiatus</i> (Temminck, 1837)
1912	<i>Phygetis</i> K. Andersen	<i>Myonycteris (Phygetis)</i> K. Andersen, 1912
1912	Pteropinae K. Andersen	PTEROPODINAE Gray, 1821
1912	Rousettinae K. Andersen	PTEROPODINAE Gray, 1821
1912	<i>Rousettus (Lissonycteris)</i> K. Andersen	<i>Lissonycteris</i> K. Andersen, 1912
1913	<i>Otomops</i> Thomas	<i>Otomops</i> Thomas, 1913
1914	<i>acrotis</i> G.M. Allen	<i>Rhinolophus fumigatus</i> Rüppell, 1842
1914	<i>Noctulinia</i> Cabrera	<i>Nyctalus</i> Bowdich, 1825
1915	<i>Epomophorus gambianus</i> Schwarz	<i>Epomophorus labiatus</i> (Temminck, 1837)
1917	<i>Platymops</i> Roberts	<i>Sauromys</i> Roberts, 1917
1917	<i>Sauromys</i> Roberts	<i>Sauromys</i> Roberts, 1917
1917	<i>Allomops</i> J.A. Allen	<i>Mops (Mops)</i> Lesson, 1842
1917	<i>Chærephon (Lophomops)</i> J.A. Allen	<i>Chaerephon</i> Dobson, 1874
1917	<i>Dichromyotis</i> Bianchi	<i>Myotis</i> Kaup, 1829
1917	<i>Megapipistrellus</i> Bianchi	<i>Myotis</i> Kaup, 1829
1917	<i>Nycteris major</i> J.A. Allen	<i>Nycteris macrotis</i> Dobson, 1876
1917	<i>Paramyotis</i> Bianchi	<i>Myotis</i> Kaup, 1829
1917	<i>Pareptesicus</i> Bianchi	<i>Eptesicus Rafinesque</i> , 1820
1917	<i>Rhynptesicus</i> Bianchi	<i>Eptesicus Rafinesque</i> , 1820
1917	<i>Rickettia</i> Bianchi	<i>Myotis</i> Kaup, 1829
1917	<i>Scotæcus</i> Thomas	<i>Scotoecus</i> Thomas, 1901
1918	<i>Nycteris thebaica thebaica</i> Wettstein	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1921	<i>Epomophorus anurus</i> Thomas et al	<i>Epomophorus labiatus</i> (Temminck, 1837)
1922	<i>Liponycteris</i> Thomas	<i>Taphozous</i> E. Geoffroy St.-Hilaire, 1818
1922	<i>Kerivoula lueia</i> Kershaw	<i>Kerivoula lanosa</i> (A. Smith, 1847)
1922	<i>Chaerephon angolensis sabaudiae</i> de Beaux	<i>Chaerephon aloysiisabaudiae</i> (Festa, 1907)
1924	<i>aurantiaca</i> de Beaux	<i>Hipposideros caffer</i> (Sundevall, 1846)
1926	<i>Scoteinus schleiffeni</i> Cabrera and Ruxton	<i>Nycticeinops schleiffenii</i> (Peters, 1859)
1926	<i>Eptesicops</i> Roberts	<i>Pipistrellus</i> Kaup, 1829
1926	<i>Neoromicia</i> Roberts	<i>Neoromicia</i> Roberts, 1926
1929	<i>Anamygdon</i> Troughton	<i>Myotis</i> Kaup, 1829
1931	<i>Tuitatus</i> Kishida and Mori	<i>Eptesicus Rafinesque</i> , 1820
1935	<i>Epomophorus gambianus</i> Braestrup	<i>Epomophorus labiatus</i> (Temminck, 1837)
1935	<i>Scotozous trüppellii</i> Monard	<i>Pipistrellus rueppellii</i> (Fischer, 1829)
1936	<i>Epomophorus labiatus minor</i> G.M. Allen and Lawrence	<i>Epomophorus labiatus</i> (Temminck, 1837)
1939	<i>Colëura</i> Allen	<i>Coleura</i> Peters, 1867
1939	<i>Epomophorus gambianus</i> Monard	<i>Epomophorus labiatus</i> (Temminck, 1837)
1939	<i>Mops rüppellii</i> Allen	<i>Tadarida ventralis</i> (Heuglin, 1861)
1939	<i>Rhinopterus floweri</i> G.M. Allen	<i>Eptesicus floweri</i> (de Winton, 1901)
1940	<i>Mops nanulus</i> Sanderson	<i>Mops (Xiphonycteris) nanulus</i> J.A. Allen, 1917
1941	Coelopsinae Tate	<i>Hipposiderinae</i> Lydekker, 1891
1941	Coelopsinae Tate	HIPPOSIDERIDAE Lydekker, 1891
1941	<i>Myotini</i> Tate	VESPERTILIONIDAE Gray, 1821
1941	<i>Rhinophyllotis</i> Troughton	<i>Rhinolophus Lacépède</i> , 1799
1942	<i>Myotinae</i> Tate	<i>Myotinae</i> Tate, 1942
1942	<i>orientis</i> G.M. Allen and Loveridge	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)
1946	<i>Vansonia</i> Roberts	<i>Pipistrellus</i> Kaup, 1829
1950	<i>Epomophorus gambianus</i> Rousselot	<i>Epomophorus labiatus</i> (Temminck, 1837)
1951	<i>Pipistrellus</i> Watson	<i>Pipistrellus</i> Kaup, 1829
1951	<i>Rhinomegalophus</i> Bourret	<i>Rhinolophus Lacépède</i> , 1799
1951	<i>Scotophilus welwetschii</i> Roberts	<i>Myotis welwetschii</i> (Gray, 1866)
1951	<i>Vespertilio epichrysurus</i> Roberts	<i>Scotophilus dinganii</i> (A. Smith, 1833)
1952	<i>Eptesicus tenuipinnis</i> Cozens and Marchant	<i>Neoromicia tenuipinnis</i> (Peters, 1872)
1953	<i>Eptesicus (Rhinopterus) notius</i> Ellerman, Morrison-Scott and Hayman	<i>Neoromicia capensis</i> (A. Smith, 1829)
1953	<i>Micropteropus grandis</i> Ellerman, Morrison-Scott and Hayman	<i>Micropteropus intermedius</i> Hayman, 1963
1953	<i>Pterocyon palaeceus</i> Ellerman, Morrison-Scott and Hayman	<i>Eidolon helvum helvum</i> (Kerr, 1792)
1955	<i>Rhinolophus euryale tuneti</i> Deleuil and Labbé	<i>Rhinolophus mehelyi</i> Matschie, 1901
1956	<i>Ephesicus</i> Theodor	<i>Neoromicia</i> Roberts, 1926
1956	<i>Ephesicus tenuipinnis</i> Theodor	<i>Neoromicia tenuipinnis</i> (Peters, 1872)
1956	<i>Micropteropus grandis</i> Leleup	<i>Micropteropus intermedius</i> Hayman, 1963
1956	<i>Rhinopoma hardwickei cystops</i> Möhres and Kulzer	<i>Rhinopoma hardwickii</i> Gray, 1831
1957	[<i>Pipistrellus</i>] <i>rueppeli</i> Aellen	<i>Pipistrellus rueppellii</i> (Fischer, 1829)

- 1958 *Hesperomyotis* Cabrera *Myotis* Kaup, 1829
1958 *Scotophilus nigrita coreas* Eisentraut *Scotophilus dinganii* (A. Smith, 1833)
1959 *Amblyotis* Hall and Kelson *Eptesicus Rafinesque*, 1820
1959 *Epomophorus gambianus* Booth *Epomophorus labiatus* (Temminck, 1837)
1959 *Nyctiptennis* Hall and Kelson *Eptesicus Rafinesque*, 1820
1961 *Rhinopoma lardwickei cystops* Madkour *Rhinopoma hardwickii* Gray, 1831
1964 *Pipistrellus savii sevii* Hanák *Hypsugo savii* (Bonaparte, 1837)
1964 *Taphozous sudani rhodesiae* Harrison *Taphozous perforatus sudani* Thomas, 1915
1965 *Epomophorus anurus* Rosevear *Epomophorus labiatus* (Temminck, 1837)
1965 *Epomophorus gambianus* Rosevear *Epomophorus labiatus* (Temminck, 1837)
1965 *Hipposideros braimah* Rosevear *Hipposideros caffer* (Sundevall, 1846)
1966 *Pipistrellus inexpectatus* Hayman, Misonne and Verheyen *Pipistrellus inexpectatus* Aellen, 1959
1968 *Epomophorus gambianus* Van Orshoven et al. *Epomophorus labiatus* (Temminck, 1837)
1969 *Micropteropus pusillus* Kock *Micropteropus intermedius* Hayman, 1963
1970 *Cynopterini* Koopman and J.K. Jones Jr. *PTEROPODINAE* Gray, 1821
1970 *Dobsoniina* Koopman and J.K. Jones Jr. *PTEROPODINAE* Gray, 1821
1970 *Rousettina* Koopman and J.K. Jones Jr. *PTEROPODINAE* Gray, 1821
1971 *Epomophorus gambianus* Hayman and Hill *Epomophorus labiatus* (Temminck, 1837)
1971 *Epomophorus* sp. Hill and Morris *Epomophorus labiatus* (Temminck, 1837)
1971 *Pteropus livingstonei* Hayman and Hill *Pteropus livingstonii* Gray, 1866
1971 *Rhinopoma hardwickei sennaarinense* Hill and Morris *Rhinopoma hardwickii* Gray, 1831
1972 *Epomophorus anurus* Adam et al. *Epomophorus labiatus* (Temminck, 1837)
1972 *Epomophorus gambianus* Dorst et al. *Epomophorus labiatus* (Temminck, 1837)
1972 *Pipistrellus rueppelli senegalensis* Adam and Hubert *Pipistrellus rueppellii senegalensis* Dorst, 1960
1973 *Epomophorus gambianus* Eisentraut *Epomophorus labiatus* (Temminck, 1837)
1973 *Rhinomegaphyllus Thonglongya* *Rhinolophus Lacépède*, 1799
1974 *Epomophorus gambianus* Largen, Kock and Yalden *Epomophorus labiatus* (Temminck, 1837)
1974 *Epomophorus gambianus* Ayensu *Epomophorus labiatus* (Temminck, 1837)
1974 *Epomophorus labiatus labiatus* Largen, Kock and Yalden *Epomophorus labiatus* (Temminck, 1837)
1975 *[Nycteris] gambianus* Koopman *Nycteris gambiensis* (K. Andersen, 1912)
1975 *Epomophorus gambianus* Eisentraut *Epomophorus labiatus* (Temminck, 1837)
1975 *Epomophorus gambianus* Poche *Epomophorus labiatus* (Temminck, 1837)
1975 *Epomophorus gambianus* Koopman *Epomophorus labiatus* (Temminck, 1837)
1975 *Epomophorus gambianus* Jeffrey *Epomophorus labiatus* (Temminck, 1837)
1975 *niviventer* Fenton *Mops (Mops) niveiventer* Cabrera and Ruxton, 1926
1975 *Nycteris thebaica* Koopman *Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
1975 *Pipistrellus rusticus rusticus* Wilson *Pipistrellus rusticus* (Tomes, 1861)
1975 *Pterocyon palaceus* Koopman *Eidolon helvum helvum* (Kerr, 1792)
1975 *Rhinopoma senaariense* Koopman *Rhinopoma hardwickii* Gray, 1831
1976 *Pipistrellus (Pipistrellus) kuhli palludus* Anciaux de Faveaux *Pipistrellus kuhlii* (Kuhl, 1817)
1976 *Pipistrellus (Pipistrellus) kuhli palludus* Anciaux de Faveaux *Pipistrellus kuhlii* (Kuhl, 1817)
1977 *Epomophorus reii* Baud *Epomophorus labiatus* (Temminck, 1837)
1977 *Petelia* Lekagul and McNealey *Nycteris* G. Cuvier and E. Geoffroy, 1795
1978 *eggenhoffner* Corbet *Rhinolophus hipposideros* (Bechstein, 1800)
1978 *Epomophorus gambianus* Koopman et al. *Epomophorus labiatus* (Temminck, 1837)
1978 *Epomophorus gambianus* Happold et al. *Epomophorus labiatus* (Temminck, 1837)
1978 *Epomophorus gambianus* Kock *Epomophorus labiatus* (Temminck, 1837)
1979 *PHYLLOSTOMATIA* Van Valen *VESPERTILIONIFORMI*
1979 *VESPERTILIONIA* Van Valen *VESPERTILIONIFORMI*
1980 *Epomophorus gambianus* Robbins *Epomophorus labiatus* (Temminck, 1837)
1981 *Brachyotis* Hall *Myotis* Kaup, 1829
1982 *Epomophorus gambianus* Marshall et al. *Epomophorus labiatus* (Temminck, 1837)
1982 *Epomophorus gambianus* Schlitter et al. *Epomophorus labiatus* (Temminck, 1837)
1984 *Cheiromelinae* Legendre *Molossinae* Gervais, 1856
1984 *Tadarinae* Legendre *Molossinae* Gervais, 1856
1984 *Epomophorus gambianus* Koch-Weser *Epomophorus labiatus* (Temminck, 1837)
1985 *R[hinopoma] h[ardwickei] sinaariense* Qumsiyeh *Rhinopoma hardwickii* Gray, 1831
1985 *Rhineptesicus* Horáček and Hanák *Eptesicus Rafinesque*, 1820
1985 *Rhinopoma microphyllum kineari* Bhatnagar and Parveen *Rhinopoma microphyllum* (Brünnich, 1782)
1985 *rueppellii* Qumsiyeh *Tadarida teniotis* (Rafinesque, 1814)
1985 *Vespertilio barbestellus* Qumsiyeh *Barbastella barbastellus* (Schreber, 1774)
1986 *Epomophorus crypturus parvus* Meester, Rautenbach, Dippenaar and Baker *Epomophorus gambianus crypturus* Peters, 1852
1986 *Epomophorus gambianus* Tuttle *Epomophorus labiatus* (Temminck, 1837)
1986 *Eptesicus hottentotus protavernus* Schlitter and Aggundey *Eptesicus hottentotus* (A. Smith, 1833)

1986	<i>Pipistrellus kunli</i> Chastel, Launay, Le Lay, Bailly-Choumara, Hellal, Valle, Bach-Hamba and Beaucournu	<i>Pipistrellus kuhlii</i> (Kuhl, 1817)
1987	<i>Nycterikaupius</i> Menu	<i>Neoromicia</i> Roberts, 1926
1987	<i>Attalepharca</i> Menu	<i>Pipistrellus</i> Kaup, 1829
1987	<i>Epomophorus anurus</i> Happold	<i>Epomophorus labiatus</i> (Temminck, 1837)
1987	<i>Nycterikaupius</i> Menu	<i>Pipistrellus</i> Kaup, 1829
1987	<i>Nycticeinops</i> Hill and Harrison	<i>Nycticeinops</i> Hill & Harrison, 1987
1988	<i>Epomophorus gambianus crypturus</i> Bergmans	<i>Epomophorus gambianus crypturus</i> Peters, 1852
1988	<i>Epomophorus gambianus gambianus</i> Bergmans	<i>Epomophorus labiatus</i> (Temminck, 1837)
1988	<i>Epomophorus grandis</i> Bergmans	<i>Epomophorus grandis</i> (Sanborn, 1950)
1991	<i>Nycteris graudis</i> Baker, Honeycutt and Van den Bussche	<i>Nycteris grandis</i> Peters, 1865
1992	<i>Attelepharca</i> Corbet and Hill	<i>Pipistrellus</i> Kaup, 1829
1992	<i>Eptesicus rendallii</i> Rautenbach and Fenton	<i>Neoromicia rendalli</i> (Thomas, 1889)
1992	<i>Eptesicus zulensis</i> Freitas, Bogo, and Christoff	<i>Neoromicia zuluensis</i> (Roberts, 1924)
1992	<i>occidentalis</i> Juste and Ibáñez	<i>Miniopterus minor</i> Peters, 1867
1993	<i>angur</i> Koopman	<i>Rhinolophus clivus</i> Cretzschmar, 1828
1993	<i>Miniopterus minor grivaudi</i> Koopman	<i>Miniopterus manavi</i> Thomas, 1906
1993	<i>Phylletis</i> Juste and Ibáñez	<i>Myonycteris (Phygetis)</i> K. Andersen, 1912
1993	<i>Rhinolophus</i> Amr and Qumsiyeh	<i>Rhinolophus</i> Lacépède, 1799
1993	<i>spillmani</i> Koopman	<i>Chaerephon nigeriae spillmanni</i> (Monard, 1933)
1993	<i>subtilis</i> Koopman	<i>Pipistrellus hesperidus subtilis</i> (Sundevall, 1846)
1993	<i>tunetae</i> Koopman	<i>Rhinolophus mehelyi</i> Matschie, 1901
1995	<i>Capaccinus</i> Pavlinov, Borissenko, Kruskop and Jahonton	<i>Myotis</i> Kaup, 1829
1995	<i>Dynops</i> Pavlinov, Borissenko, Kruskop and Jahonton	<i>Tadarida</i> Rafinesque, 1814
1995	<i>Exochirus</i> Pavlinov, Borissenko, Kruskop and Jahonton	<i>Myotis</i> Kaup, 1829
1995	<i>M[ini]opterus[]screibersi</i> Pavlinov, Borissenko, Kruskop and Jahonton	<i>Miniopterus schreibersii</i> (Kuhl, 1817)
1995	<i>P[ipistrellus (Pipistrellus)] ruePELLI</i> Nowak	<i>Pipistrellus ruePELLI</i> (Fischer, 1829)
1995	<i>P[ipistrellus] somalius</i> Burland, Jones, Racey, and Wayne	<i>Neoromicia somalicus</i> (Thomas, 1901)
1995	<i>Scabifer</i> Peterson, Eger and Mitchell	<i>Neoromicia</i> Roberts, 1926
1995	<i>Selisius</i> Pavlinov, Borissenko, Kruskop and Jahonton	<i>Myotis</i> Kaup, 1829
1995	<i>Tadaridinae</i> Pavlinov, Borissenko, Kruskop and Jahonton	<i>Molossinae</i> Gervais, 1856
1995	<i>tunetai</i> Pavlinov, Borissenko, Kruskop and Jahonton	<i>Rhinolophus mehelyi</i> Matschie, 1901
1995	<i>VESPERTILIFORMES</i> Zagorodniuk, Godovanets, Pokynchereda and Kyseliuk	<i>VESPERTILIONIFORMI</i>
1996	<i>Epomophorus anarus</i> Kityo and Kerbis	<i>Epomophorus labiatus</i> (Temminck, 1837)
1996	<i>Mops trevoli</i> Kityo and Kerbis	<i>Mops (Mops) trevoli</i> J.A. Allen, 1917
1996	<i>Myotiz</i> Spiewak, Johansson and Wüthrich	<i>Myotis</i> Kaup, 1829
1996	<i>Myotiz myotiz</i> Spiewak, Johansson and Wüthrich	<i>Myotis myotis</i> (Borkhausen, 1797)
1997	<i>Pipistrellus aegyptiacus</i> Decher	<i>Pipistrellus deserti</i> Thomas, 1902
1997	<i>VESPERTILIFORMES</i> Zagorodniuk	<i>VESPERTILIONIFORMI</i>
1998	<i>Molossoidea</i> Simmons	<i>MOLOSSOIDEA</i> Simmons, 1998
1998	<i>Myotinae</i> Simmons	<i>Myotinae</i> Tate, 1942
1998	<i>Nycteris</i> Van Cakenberghe and De Vree	<i>Nycteris</i> G. Cuvier and E. Geoffroy, 1795
1998	<i>VESPERTILIONIFORMES</i> Zagorodnyuk	<i>VESPERTILIONIFORMI</i>
1999	<i>Nycteris thabaica labiata</i> Van Cakenberghe and De Vree	<i>Nycteris thabaica</i> E. Geoffroy St.-Hilaire, 1818
1999	<i>Pipistallus</i> Salleh, Hang, Rahman and Abdulla	<i>Pipistrellus</i> Kaup, 1829
1999	<i>Pipistrellus madarensis</i> Ohlendorf	<i>Pipistrellus maderensis</i> (Dobson, 1878)
2000	<i>Eidolon helvum annobonensis</i> Juste, Ibáñez and Machordom	<i>Eidolon helvum helvum</i> (Kerr, 1792)
2000	<i>Epomops buettikoferi</i> Konstantinov, Pema, Labzin and Farafonova	<i>Epomops buettikoferi</i> (Matschie, 1899)
2000	<i>Myotis cf. punicus</i> Castella, Ruedi, Excoffier, Ibanez, Arlettaz and Hausser	<i>Myotis punicus</i> Felten, 1977
2000	<i>Nanonycteris weldkampii</i> Konstantinov, Pema, Labzin and Farafonova	<i>Nanonycteris veldkampii</i> (Jentink, 1888)
2000	<i>Otomops martiensseni madagascarensis</i> Horáček, Hanák and Gaisler	<i>Otomops madagascariensis</i> Dorst, 1953
2000	<i>Pipistrellis</i> Qui, Han, Qi and Yufen	<i>Pipistrellus</i> Kaup, 1829
2001	<i>Lissonycteris goliath</i> Cotterill	<i>Lissonycteris goliath</i> Bergmans, 1997
2001	<i>Lissonycteris petraea</i> Cotterill	<i>Lissonycteris petraea</i> Bergmans, 1997

2001	<i>Pipistrellus cf kuhlii</i> Volleth, Bronner, Göpfert, Heller, von Helversen and Yong	<i>Pipistrellus cf_kuhlii</i> Volleth, Bronner, Göpfert, Heller, von Helversen and Yong, 2001
2001	YANGOCHIROPTERA Springer, Teeling, Madsen, Stanhope, and De Jong	VESPERTILIONIFORMI
2001	YINPTEROCHIROPTERA Springer, Teeling, Madsen, Stanhope, and De Jong	VESPERTILIONIFORMI
2001	YINPTEROCHIROPTERA Springer, Teeling, Madsen, Stanhope, and De Jong	PTEROPODIFORMI
2002	<i>Eptesicus tenuipinnis</i> Fenton and Bogdanowicz	<i>Neoromicia tenuipinnis</i> (Peters, 1872)
2002	<i>Eptesicus tenuipinnis</i> Fenton and Bogdanowicz	<i>Neoromicia tenuipinnis</i> (Peters, 1872)
2002	<i>Nyctalis Sheshurak</i> and Kedrov	<i>Nyctalus Bowdich</i> , 1825
2002	<i>Nycteris argae</i> Fenton and Bogdanowicz	<i>Nycteris arge</i> Thomas, 1903
2002	<i>Triaenops Paniutina</i>	<i>Triaenops</i> Dobson, 1871
2003	<i>Hypsugo] savii darwinii</i> Pestano, Brown, Suárez, and Fajardo	<i>Hypsugo savii</i> (Bonaparte, 1837)
2003	<i>Myotis nattereri</i> Yoshizuki and Endo	<i>Myotis nattereri</i> (Kuhl, 1817)
2004	<i>Micropterus pusillus</i> Henry, Barrière, Gautier-Hion and Colyn	<i>Micropteropus pusillus</i> (Peters, 1868)
2004	<i>Myotis (Cistugo) sebrai</i> Bickham, Patton, Schlitter, Rautenbach and Honeycutt	<i>Cistugo seabrae</i> Thomas, 1912
2004	PTEROPODIFORMES Hutcheon and Kirsch	PTEROPODIFORMI
2004	VESPERTILIONIFORMES Hutcheon and Kirsch	VESPERTILIONIFORMI
2005	EMBALLONUROIDEA Teeling, Springer, Madsen, Bates, O'Brien, and Murphy	NYCTEROIDEA
2005	<i>Keivoula</i> Struebig, Rossiter, Bates, Kingston, Sai Sein Lin Oo, Aye Aye Nwe, Moe Moe Aung, Sein Sein Win and Khin Mya Mya	<i>Keivoula</i> Gray, 1842
330	DERMAPTERA Aristotle	CHIROPTERA Blumenbach, 1779
?	<i>brachyptera</i> Null	<i>Myonycteris (Myonycteris) brachyptera</i>
?	<i>Epomophorus</i> Null	<i>Nanonycteris</i> Matschie, 1899
?	<i>Epomophorus</i> Null	<i>Micropteropus</i> Matschie, 1899
?	<i>Epomophorus angolensis</i> Null	<i>Epomophorus gambianus crypturus</i> Peters, 1852
?	<i>Epomophorus anurus</i> Null	<i>Epomophorus labiatus minor</i> Dobson, 1880
?	<i>Epomophorus anurus</i> Null	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)
?	<i>Epomophorus crypturus</i> Null	<i>Epomophorus wahlbergi</i> (Sundevall, 1846)
?	<i>Epomophorus gambianus</i> Null	<i>Epomophorus gambianus crypturus</i> Peters, 1852
?	<i>Epomophorus gambianus</i> Null	<i>Epomophorus gambianus pousarguesi</i> Trouessart, 1904
?	<i>Epomophorus gambianus</i> Null	<i>Epomophorus wahlbergi</i> (Sundevall, 1846)
?	<i>Epomophorus labiatus</i> Null	<i>Epomophorus labiatus minor</i> Dobson, 1880
?	<i>Epomophorus labiatus anurus</i> Null	<i>Epomophorus labiatus minor</i> Dobson, 1880
?	<i>Epomophorus n. sp.</i> Null	<i>Plerotes anchietae</i> (de Seabra, 1900)
?	<i>Epomophorus pusillus</i> Null	<i>Epomophorus labiatus minor</i> Dobson, 1880
?	<i>Epomophorus sp.</i> Null	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)
?	<i>Hypsignathus monstrosus</i> Null	<i>Hypsignathus monstrosus</i> H. Allen, 1862
?	<i>Myotis bocagei bocagei</i> Null	<i>Myotis bocagii bocagii</i> (Peters, 1870)
?	<i>Nanonycteris veldkampii</i> Null	<i>Micropteropus pusillus</i> (Peters, 1868)
?	<i>Nanonycteris veldkampii</i> Null	<i>Plerotes anchietae</i> (de Seabra, 1900)
?	NOCTILIONIFORMACEI Null	NOCTILIONIFORMACEI
?	NOCTILIONOIDEA Null	NOCTILIONOIDEA
?	NYCTERIFORMACEI Null	NYCTERIFORMACEI
?	NYCTEROIDEA Null	NYCTEROIDEA
?	<i>Plerotes ancheilae</i> Null	<i>Plerotes anchietae</i> (de Seabra, 1900)
?	<i>Plerotes anchietai</i> Null	<i>Plerotes anchietae</i> (de Seabra, 1900)
?	PTEROPODIDEA Null	PTEROPODIDEA
?	PTEROPODIFORMACEI Null	PTEROPODIFORMACEI
?	PTEROPODIFORMI Null	PTEROPODIFORMI
?	RHINOLOPHIFORMACEI Null	RHINOLOPHIFORMACEI
?	RHINOLOPHOIDEA Null	RHINOLOPHOIDEA
?	VESPERTILIONIFORMACEI Null	VESPERTILIONIFORMACEI
?	VESPERTILIONIFORMI Null	VESPERTILIONIFORMI
?	<i>Yangochiroptera</i> Null	VESPERTILIONIFORMACEI
?	<i>Yinochiroptera</i> Null	RHINOLOPHIFORMACEI
		"Africa"
1866	<i>Nycterops pilosa</i> Gray	<i>Nycteris hispida</i> (Schreber, 1774)
		"Guinea"
1872	<i>Vesperus tenuipinnis</i> Peters	<i>Neoromicia tenuipinnis</i> (Peters, 1872)

"Liberia"

1879	<i>Nyctinomus bemmeleni</i> Jentink	<i>Chaerephon bemmeleni</i> (Jentink, 1879)
		?
1907	<i>Pteropus mascarinus</i> Mason	<i>Pteropus rodricensis</i> Dobson, 1878
		[France]
1803	<i>Vespertilio borbonicus</i> E. Geoffroy Saint-Hilaire	<i>Scotophilus borbonicus</i> (E. Geoffroy St.-Hilaire, 1803)
		[Portugal]
1825	<i>Nyctalus verrucosus</i> Bowdich	<i>Nyctalus leisleri</i> (Kuhl, 1817)
1878	<i>Vesperugo maderensis</i> Dobson	<i>Pipistrellus maderensis</i> (Dobson, 1878)
1901	<i>Pterygistes azureum</i> Thomas	<i>Nyctalus azureum</i> (Thomas, 1901)
1906	<i>Pterygistes madeiræ</i> Barrett-Hamilton	<i>Nyctalus leisleri</i> (Kuhl, 1817)

Algeria

1867	<i>Pipistrellus minuta</i> Loche	<i>Pipistrellus kuhlii</i> (Kuhl, 1817)
1867	<i>Rhinolophus algirus</i> Loche	<i>Rhinolophus euryale</i> Blasius, 1853
1904	<i>E[uryalus] meridionalis</i> K. Andersen and Matschie	<i>Rhinolophus euryale</i> Blasius, 1853
1918	<i>Asellia tridens diluta</i> K. Anderson	<i>Asellia tridens</i> (E. Geoffroy St.-Hilaire, 1813)
1934	<i>Rhinolophus acrotis schwarzi</i> Heim de Balsac	<i>Rhinolophus clivosus</i> Cretzschmar, 1828
1936	<i>P[ipistrellus] k[uhlii] pallidus</i> Heim de Balsac	<i>Pipistrellus kuhlii</i> (Kuhl, 1817)
1936	<i>Plecotus auritus saharæ</i> Laurent	<i>Otonycteris hemprichii</i> Peters, 1859

Angola

1845	<i>Rhinolophus gigas</i> Wagner	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)
1866	<i>Scotophilus welwitschii</i> Gray	<i>Myotis welwitschii</i> (Gray, 1866)
1870	<i>Epomophorus macrocephalus</i> var. <i>angolensis</i> Gray	<i>Epomophorus angolensis</i> Gray, 1870
1870	<i>Nyctinomus angolensis</i> Peters	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)
1870	<i>Vespertilio Bocagii</i> Peters	<i>Myotis bocagii</i> (Peters, 1870)
1870	<i>Vespertilio Bocagii</i> Peters	<i>Myotis bocagii bocagii</i> (Peters, 1870)
1871	<i>Nycteris angolensis</i> Peters	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1878	<i>Cynonycteris torquata</i> Dobson	<i>Myonycteris (Myonycteris) torquata</i> (Dobson, 1878)
1878	<i>Cynonycteris torquata</i> Dobson	<i>Myonycteris (Myonycteris) torquata</i> (Dobson, 1878)
1889	<i>Epomophorus dobsonii</i> Bocage	<i>Epomops dobsonii</i> (Bocage, 1889)
1889	<i>Vesperus bicolor</i> Barboza du Bocage	<i>Neoromicia tenuipinnis</i> (Peters, 1872)
1898	<i>Cynonycteris angolensis</i> Bocage	<i>Lissonycteris angolensis</i> (Bocage, 1898)
1898	<i>Cynonycteris angolensis</i> Bocage	<i>Lissonycteris angolensis angolensis</i> (Bocage, 1898)
1898	<i>Phyllorhina angolensis</i> Seabra	<i>Hipposideros caffer</i> (Sundevall, 1846)
1898	<i>Rhinolophus angolensis</i> Seabra	<i>Rhinolophus landeri</i> Martin, 1838
1899	<i>Ep[omophorus (Epomophorus)] zenkeri</i> Matschie	<i>Epomophorus wahlbergi</i> (Sundevall, 1846)
1900	<i>Epomophorus anchietæ</i> de Seabra	<i>Plerotes anchietæ</i> (de Seabra, 1900)
1900	<i>Nyctinomus anchietæ</i> Seabra	<i>Tadarida aegyptiaca bocagei</i> (Seabra, 1900)
1900	<i>Nyctinomus bocagei</i> Seabra	<i>Tadarida aegyptiaca bocagei</i> (Seabra, 1900)
1900	<i>Nyctinomus brunneus</i> Seabra	<i>Tadarida aegyptiaca bocagei</i> (Seabra, 1900)
1900	<i>Taphozous maritimus</i> var. <i>cinerascens</i> Seabra	<i>Taphozous mauritanus</i> E. Geoffroy St.-Hilaire, 1818
1900	<i>Vesperugo anchieta</i> de Seabra	<i>Hypsugo anchietæ</i> (de Seabra, 1900)
1900	<i>Vesperugo (Vesperus) flavescens</i> de Seabra	<i>Neoromicia flavescens</i> (de Seabra, 1900)
1912	<i>Cistugo seabrae</i> Thomas	<i>Cistugo seabrae</i> Thomas, 1912
1913	<i>Nyctinomus ansorgei</i> Thomas	<i>Chaerephon ansorgei</i> (Thomas, 1913)
1933	<i>Mimetillus bernerii</i> Monard	<i>Mimetillus thomasi</i> Hinton, 1920
1933	<i>Nyctinomus spillmanni</i> Monard	<i>Chaerephon nigeriae spillmanni</i> (Monard, 1933)
1933	<i>Pipistrellus leucomelas</i> Monard	<i>Pipistrellus rueppellii vernayi</i> Roberts, 1932
1935	<i>Laephotis angolensis</i> Monard	<i>Laephotis angolensis</i> Monard, 1935
1937	<i>Eptesicus capensis angolensis</i> J.Eric Hill	<i>Neoromicia flavescens</i> (de Seabra, 1900)
1937	<i>Mops chitauensis</i> J.Eric Hill	<i>Mops (Mops) niveiventer</i> Cabrera and Ruxton, 1926
1950	<i>Micropteropus grandis</i> Sanborn	<i>Epomophorus grandis</i> (Sanborn, 1950)
1963	<i>Glauconycteris machadoi</i> Hayman	<i>Glauconycteris machadoi</i> Hayman, 1963
1963	<i>Micropteropus intermedius</i> Hayman	<i>Micropteropus intermedius</i> Hayman, 1963

Angola?

1870 *Cynopterus collaris* Gray *Myonycteris (Myonycteris) torquata* (Dobson, 1878)

Benin

1899 *Ep[omophorus (Epomophorus)] zechi* Matschie *Epomophorus gambianus gambianus* (Ogilby, 1835)

Botswana

1932 *Chaerephon (Lophomops) langi* Roberts *Chaerephon pumilus* (Cretzschmar, 1826)
 1932 *Eptesicus capensis nkiensis* Roberts *Neoromicia capensis* (A. Smith, 1829)
 1932 *Neoromicia vansoni* Roberts *Neoromicia zuluensis* (Roberts, 1924)
 1932 *Scoteinus schlieffenii fitzsimonsi* Roberts *Nycticeinops schlieffenii* (Peters, 1859)
 1971 *Laephotis botswanae* Setzer *Laephotis botswanae* Setzer, 1971

Botswana

1932 *Pipistrellus vernayi* Roberts *Pipistrellus rueppellii vernayi* Roberts, 1932

Cameroon

1875 *Chalinolobus argentatus* Dobson *Glauconycteris argentata* (Dobson, 1875)
 1894 *Scotonycteris zenkeri* Matschie *Scotonycteris zenkeri* Matschie, 1894
 1903 *Miniopterus inflatus* Thomas *Miniopterus inflatus* Thomas, 1903
 1903 *Miniopterus inflatus* Thomas *Miniopterus inflatus inflatus* Thomas, 1903
 1903 *Nycteris arge* Thomas *Nycteris arge* Thomas, 1903
 1903 *Nyctinomus thersites* Thomas *Mops (Xiphonycteris) thersites* (Thomas, 1903)
 1904 *Pipistrellus crassulus* Thomas *Hypsugo crassulus* (Thomas, 1904)
 1904 *Scotophilus nux* Thomas *Scotophilus nux* Thomas, 1904
 1904 *Myotis Bocagei cupreolus* Thomas *Myotis bocagei cupreolus* Thomas, 1904
 1904 *Pipistrellus nanulus* Thomas *Pipistrellus nanulus* Thomas, 1904
 1906 *Kerivoula muscilla* Thomas *Kerivoula lanosa* (A. Smith, 1847)
 1910 *Casinycteris argynnis* Thomas *Casinycteris argynnis* Thomas, 1910
 1912 *Kerivoula cuprosa* Thomas *Kerivoula cuprosa* Thomas, 1912
 1912 *Petalia major* K. Andersen *Nycteris major* (K. Andersen, 1912)
 1913 *Glauconycteris egeria* Thomas *Glauconycteris egeria* Thomas, 1913
 1913 *Pipistrellus musciculus* Thomas *Hypsugo musciculus* (Thomas, 1913)
 1921 *Hipposideros curtus* G.M. Allen *Hipposideros curtus* G.M. Allen, 1921
 1936 *Rhinolophus alcyone alticolus* Sanborn *Rhinolophus simulator* K. Andersen, 1904
 1943 *Scotonycteris ophiodon* Pohle *Scotonycteris ophiodon* Pohle, 1943
 1950 *Epomophorus reii* Aellen *Epomophorus labiatus* (Temminck, 1837)
 1950 *Epomophorus reii* Aellen *Epomophorus gambianus gambianus* (Ogilby, 1835)
 1952 *Nycteris benuensis* Aellen *Nycteris parisii* (de Beaux, 1923)
 1956 *Hipposideros camerunensis* Eisentraut *Hipposideros camerunensis* Eisentraut, 1956
 1959 *Pipistrellus inexpectatus* Aellen *Pipistrellus inexpectatus* Aellen, 1959
 1960 *Rousettus aegyptiacus occidentalis* Eisentraut *Rousettus aegyptiacus* (E. Geoffroy St.-Hilaire, 1810)
 1968 *Pipistrellus eisentrauti* Hill *Hypsugo eisentrauti* (Hill, 1968)
 1973 *Glauconycteris gleni* Peterson and Smith *Glauconycteris gleni* Peterson and Smith, 1973
 1981 *Tadarida (Xiphonycteris) petersoni* El Rayah *Mops (Xiphonycteris) petersoni* (El Rayah, 1981)
 2001 *Glauconycteris curryi* Eger and Schlitter *Glauconycteris curryae* Eger and Smith, 2001

Canary Islands [Spain]

1907 *Plecotus teneriffae* Barrett-Hamilton *Plecotus teneriffae* Barrett-Hamilton, 1907

Central African Republic(?)

1904 *Epomophorus pousarguesi* Trouessart *Epomophorus gambianus pousarguesi* Trouessart, 1904

Comoro Islands

1866 *Pteropus livingstonii* Gray *Pteropus livingstonii* Gray, 1866
 1880 *Pteropus comorensis* Wallace *Pteropus seychellensis* A. Milne-Edwards, 1877
 1959 *Miniopterus minor griveaudi* Harrison *Miniopterus manavi* Thomas, 1906
 1960 *? anjouanensis* Dorst *Myotis anjouanensis* (Dorst, 1960)
 1978 *Rousettus (Rousettus) obliviosus* Kock *Rousettus obliviosus* Kock, 1978

Côte d'Ivoire

1954	<i>Hipposideros marisae</i> Aellen	<i>Hipposideros marisae</i> Aellen, 1954
1959	<i>Kerivoula harrisoni bellula</i> Aellen	<i>Kerivoula lanosa</i> (A. Smith, 1847)
1959	<i>Nycteris intermedia</i> Aellen	<i>Nycteris intermedia</i> Aellen, 1959
1972	<i>Pipistrellus eisentrauti bellieri</i> De Vree	<i>Hypsugo crassulus</i> (Thomas, 1904)

Country uncertain

1830	<i>Vespertilio marginatus</i> Cretzschmar	<i>Pipistrellus kuhlii</i> (Kuhl, 1817)
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Democratic Republic of the Congo

1870	<i>Vesperugo pusillulus</i> Peters	<i>Pipistrellus nanus</i> (Peters, 1852)
1887	<i>Phyllorhina commersonii</i> var. <i>marungensis</i> Noack	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)
1889	<i>Chalinolobus congicus</i> Noack	<i>Glauconycteris argentata</i> (Dobson, 1875)
1889	<i>Vesperugo pagenstecheri</i> Noack	<i>Pipistrellus nanus</i> (Peters, 1852)
1889	<i>Vesperugo pusillus</i> Noack	<i>Pipistrellus nanus</i> (Peters, 1852)
1908	<i>Myonycteris wroughtoni</i> K. Andersen	<i>Myonycteris (Myonycteris) torquata wroughtoni</i> K. Andersen, 1908
1915	<i>Myopterus albatrus</i> Thomas	<i>Myopterus daubentonii</i> Desmarest, 1820
1917	<i>Chaerephon (Lophomops) abæ</i> J.A. Allen	<i>Chaerephon major</i> (Trouessart, 1897)
1917	<i>Chaerephon (Lophomops) chapini</i> J.A. Allen	<i>Chaerephon chapini</i> J.A. Allen, 1917
1917	<i>Chaerephon (Lophomops) cristatus</i> J.A. Allen	<i>Chaerephon leucogaster</i> (A. Grandidier, 1869)
1917	<i>Chaerephon frater</i> J.A. Allen	<i>Chaerephon leucogaster</i> (A. Grandidier, 1869)
1917	<i>Chaerephon russatus</i> J.A. Allen	<i>Chaerephon russatus</i> J.A. Allen, 1917
1917	<i>Eptesicus ater</i> J.A. Allen	<i>Neoromicia tenuipinnis</i> (Peters, 1872)
1917	<i>Eptesicus faradjius</i> J.A. Allen	<i>Neoromicia rendalli</i> (Thomas, 1889)
1917	<i>Eptesicus garambæ</i> J.A. Allen	<i>Neoromicia capensis</i> (A. Smith, 1829)
1917	<i>Glauconycteris alboguttatus</i> J.A. Allen	<i>Glauconycteris alboguttata</i> J.A. Allen, 1917
1917	<i>Glauconycteris humeralis</i> J.A. Allen	<i>Glauconycteris humeralis</i> J.A. Allen, 1917
1917	<i>Hipposideros abæ</i> J.A. Allen	<i>Hipposideros abæ</i> J.A. Allen, 1917
1917	<i>Hipposideros caffer niapu</i> J.A. Allen	<i>Hipposideros ruber</i> (Noack, 1893)
1917	<i>Hipposideros gigas niangaræ</i> J.A. Allen	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)
1917	<i>Hipposideros langi</i> J.A. Allen	<i>Hipposideros cyclops</i> (Temminck, 1853)
1917	<i>Hipposideros nanus</i> J.A. Allen	<i>Hipposideros caffer</i> (Sundevall, 1846)
1917	<i>Miniopterus breyeri vicinior</i> J.A. Allen	<i>Miniopterus natalensis</i> (A. Smith, 1833)
1917	<i>Mops (Allomops) faradjius</i> J.A. Allen	<i>Mops (Mops) demonstrator</i> (Thomas, 1903)
1917	<i>Mops (Allomops) nanulus</i> J.A. Allen	<i>Mops (Xiphonycteris) nanulus</i> J.A. Allen, 1917
1917	<i>Mops (Allomops) occipitalis</i> J.A. Allen	<i>Mops (Xiphonycteris) thersites</i> (Thomas, 1903)
1917	<i>Mops congicus</i> J.A. Allen	<i>Mops (Mops) congicus</i> J.A. Allen, 1917
1917	<i>Mops niangaræ</i> J.A. Allen	<i>Mops (Mops) niangaræ</i> J.A. Allen, 1917
1917	<i>Mops trevori</i> J.A. Allen	<i>Mops (Mops) trevori</i> J.A. Allen, 1917
1917	<i>Nycteris avakubia</i> J.A. Allen	<i>Nycteris major</i> (K. Andersen, 1912)
1917	<i>Nycteris pallida</i> J.A. Allen	<i>Nycteris hispida</i> (Schreber, 1774)
1917	<i>Nyctinomus ochraceus</i> J.A. Allen	<i>Mops (Xiphonycteris) brachypterus</i> (Peters, 1852)
1917	<i>Pipistrellus abaensis</i> J.A. Allen	<i>Pipistrellus nanus</i> (Peters, 1852)
1917	<i>Rhinolophus abæ</i> J.A. Allen	<i>Rhinolophus fumigatus</i> Rüppell, 1842
1917	<i>Rhinolophus axillaris</i> Allen	<i>Rhinolophus landeri</i> Martin, 1838
1925	<i>Nycteris proxima</i> Lönnberg and Gyldenstolpe	<i>Nycteris grandis</i> Peters, 1865
1926	<i>Mops angolensis niveiventer</i> Cabrera and Ruxton	<i>Mops (Mops) niveiventer</i> Cabrera and Ruxton, 1926
1936	<i>Miniopterus rufus</i> Sanborn	<i>Miniopterus inflatus rufus</i> Sanborn, 1936
1939	<i>Glauconycteris superba</i> Hayman	<i>Glauconycteris superba</i> Hayman, 1939
1942	<i>Rhinolophus ruwenzorii</i> J. Eric Hill	<i>Rhinolophus ruwenzorii</i> J. Eric Hill, 1942
1951	<i>Tadarida (Chaerephon) faini</i> Hayman	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)
1957	<i>Hipposideros beatus maximus</i> Verschuren	<i>Hipposideros beatus</i> (K. Andersen, 1906)
1966	<i>Megaloglossus woermanni prigoginii</i> Hayman	<i>Megaloglossus woermanni</i> Pagenstecher, 1885
1975	<i>Tadarida (Chaerephon) gallagheri</i> Harrison	<i>Chaerephon gallagheri</i> (Harrison, 1975)

Egypt

1782	<i>Vespertilio Microphyllum</i> Brünnich	<i>Rhinopoma microphyllum</i> (Brünnich, 1782)
1810	<i>Pteropus Egyptiacus</i> E. Geoffroy Saint-Hilaire	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)
1813	<i>Rhinolophus tridens</i> E. Geoffroy Saint-Hilaire	<i>Asellia tridens</i> (E. Geoffroy St.-Hilaire, 1813)
1816	<i>Rhinopoma brevicaudatum</i> Oken	<i>Rhinopoma hardwickii</i> Gray, 1831
1818	<i>Nycteris Thebaicus</i> E. Geoffroy Saint-Hilaire	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1818	<i>Nyctinomus aegyptiacus</i> E. Geoffroy Saint-Hilaire	<i>Tadarida aegyptiaca aegyptiaca</i> (E. Geoffroy St.-Hilaire, 1818)

1818	<i>Nyctinomus aegyptiacus</i> E. Geoffroy Saint-Hilaire	<i>Tadarida aegyptiaca</i> (E. Geoffroy St.-Hilaire, 1818)
1818	<i>Taphozous perforatus</i> E. Geoffroy Saint-Hilaire	<i>Taphozous perforatus</i> E. Geoffroy St.-Hilaire, 1818
1818	<i>Taphozous perforatus</i> E. Geoffroy Saint-Hilaire	<i>Taphozous perforatus perforatus</i> E. Geoffroy St.-Hilaire, 1818
1827	<i>Dysopes rüppelii</i> Temminck	<i>Tadarida teniotis</i> (Rafinesque, 1814)
1829	<i>Vespertilio pipistrellus</i> var. <i>β aegyptius</i> J.B. Fischer	<i>Pipistrellus deserti</i> Thomas, 1902
1830	<i>Taphozous nudiventris</i> Cretzschmar	<i>Taphozous nudiventris</i> Cretzschmar, 1830
1838	<i>Plecotus christii</i> Gray	<i>Plecotus christii</i> Gray, 1838
1858	<i>Nannugo Kolenatii</i> Müller	<i>Pipistrellus "incertae-sedis"</i>
1859	<i>Nycticejus schlieffenii</i> Peters	<i>Nycticeinops schlieffenii</i> (Peters, 1859)
1887	<i>Vesperugo (Vesperus) innesi</i> Lataste	<i>Eptesicus bottae</i> (Peters, 1869)
1903	<i>Rhinopoma cystops</i> Thomas	<i>Rhinopoma hardwickii</i> Gray, 1831
1904	<i>Rhinolophus Andersoni</i> Thomas	<i>Rhinolophus clivosus</i> Cretzschmar, 1828
1905	<i>Rhinolophus acrotis brachygnatus</i> K. Andersen	<i>Rhinolophus clivosus</i> Cretzschmar, 1828
1954	<i>Vespertilio brevicauda</i> Stresemann	<i>Rhinopoma hardwickii</i> Gray, 1831
1954	<i>Vespertilio ferox</i> Stresemann	<i>Rhinopoma hardwickii</i> Gray, 1831

Egypt/Sudan

1859	<i>Otonycteris hemprichii</i> Peters	<i>Otonycteris hemprichii</i> Peters, 1859
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Equatoria Guinea

1901	<i>Glauconycteris beatrix</i> Thomas	<i>Glauconycteris beatrix</i> Thomas, 1901
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Equatorial Guinea

1838	<i>Rhinolophus landeri</i> Martin	<i>Rhinolophus landeri</i> Martin, 1838
1843	<i>Nycteris poensis</i> Gray	<i>Nycteris hispida</i> (Schreber, 1774)
1843	<i>Rhinolophus Martini</i> Fraser	<i>Nycteris hispida</i> (Schreber, 1774)
1904	<i>Scotonycteris bedfordi</i> Thomas	<i>Scotonycteris zenkeri</i> Matschie, 1894
1906	<i>Hipposiderus beatus</i> K. Andersen	<i>Hipposideros beatus</i> (K. Andersen, 1906)
1920	<i>Roussettus (Lissonycteris) crypticola</i> Cabrera	<i>Lissonycteris angolensis</i> (Bocage, 1898)

Eritrea

1826	<i>Dysopes pumilus</i> Cretzschmar	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)
1840	<i>Vespertilio hesperida</i> Temminck	<i>Pipistrellus hesperidus</i> (Temminck, 1840)
1840	<i>Vespertilio hesperida</i> Temminck	<i>Pipistrellus hesperidus hesperidus</i> (Temminck, 1840)
1861	<i>Nycteris labiata</i> Heuglin	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1861	<i>Nycticejus flavigaster</i> Heuglin	<i>Scotophilus leucogaster</i> (Cretzschmar, 1826)
1861	<i>Nyctinomus (Dysopes) ventralis</i> Heuglin	<i>Tadarida ventralis</i> (Heuglin, 1861)
1861	<i>Nyctinomus bivittatus</i> Heuglin	<i>Chaerephon bivittatus</i> (Heuglin, 1861)
1861	<i>Phyllorhina bicornis</i> Heuglin	<i>Hipposideros caffer</i> (Sundevall, 1846)
1861	<i>Phyllorhina megalotis</i> Heuglin	<i>Hipposideros megalotis</i> (Heuglin, 1861)
1861	<i>Rhinolophus acrotis</i> Heuglin	<i>Rhinolophus clivosus</i> Cretzschmar, 1828
1861	<i>Rhinolophus mimus</i> Heuglin	<i>Rhinolophus hipposideros</i> (Bechstein, 1800)
1885	<i>Taphozous perforatus</i> var. <i>assabensis</i> Monticelli	<i>Taphozous nudiventris</i> Cretzschmar, 1830
1899	<i>Ep[omophorus (Epomophorus)] doriae</i> Matschie	<i>Epomophorus labiatus</i> (Temminck, 1837)
1905	<i>Rhinolophus andreinii</i> Senna	<i>Rhinolophus blasii</i> Peters, 1867

Ethiopia

1842	<i>Pteropus schoënsis</i> Rüppell	<i>Epomophorus labiatus</i> (Temminck, 1837)
1842	<i>Rhinolophus fumigatus</i> Rüppell	<i>Rhinolophus fumigatus</i> Rüppell, 1842
1842	<i>Vespertilio Pipistrellus varietas africana</i> Rüppell	<i>Pipistrellus nanus</i> (Peters, 1852)
1861	<i>Nycticejus murino-flavus</i> Heuglin	<i>Scotophilus leucogaster</i> (Cretzschmar, 1826)
1872	<i>Megaderma cor</i> Peters	<i>Cardioderma cor</i> (Peters, 1872)
1877	<i>N[nycticejus] adovanus</i> Heuglin	<i>Nycticeinops schlieffenii</i> (Peters, 1859)
1877	<i>Nycticejus eriophora</i> Heuglin	<i>Kerivoula eriophora</i> (Heuglin, 1877)
1877	<i>Nycticejus serratus</i> Heuglin	<i>Scotophilus leucogaster</i> (Cretzschmar, 1826)
1877	<i>Nycticejus serratus</i> Heuglin	<i>Taphozous nudiventris</i> Cretzschmar, 1830
1877	<i>Rhinolophus macrocephalus</i> Heuglin	<i>Rhinolophus fumigatus</i> Rüppell, 1842
1885	<i>Rhinolophus antinorii</i> Dobson	<i>Rhinolophus fumigatus</i> Rüppell, 1842
1906	<i>Platymops Macmillani</i> Thomas	<i>Platymops setiger macmillani</i> Thomas, 1906
1912	<i>Petalia damarensis media</i> K. Andersen	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1927	<i>Myotis scotti</i> Thomas	<i>Myotis scotti</i> Thomas, 1927

1931	<i>Asellia patrizii</i> de Beaux	<i>Asellia patrizii</i> de Beaux, 1931
1936	<i>Miniopterus africanus</i> Sanborn	<i>Miniopterus africanus</i> Sanborn, 1936
1971	<i>Myotis morrisi</i> Hill	<i>Myotis morrisi</i> Hill, 1971
1991	<i>Epomophorus minimus</i> Claessen and De Vree	<i>Epomophorus minimus</i> Claessen & De Vree, 1991
1997	<i>Lissonycteris angolensis petraea</i> Bergmans	<i>Lissonycteris petraea</i> Bergmans, 1997
2000	<i>Plecotus balenis</i> Kruskop and Lavrenchenko	<i>Plecotus balensis</i> Kruskop & Lavrenchenko, 2000

France

1774	<i>Vespertilio barbastellus</i> Schreber	<i>Barbastella barbastellus</i> (Schreber, 1774)
1774	<i>Vespertilio ferrum-equinum</i> Schreber	<i>Rhinolophus ferrumequinum</i> (Schreber, 1774)
1774	<i>Vespertilio noctula</i> Schreber	<i>Nyctalus noctula</i> (Schreber, 1774)
1774	<i>Vespertilio pipistrellus</i> Schreber	<i>Pipistrellus pipistrellus</i> (Schreber, 1774)
1774	<i>Vespertilio serotinus</i> Schreber	<i>Eptesicus serotinus</i> (Schreber, 1774)
1800	<i>Vespertilio hipposideros</i> Bechstein	<i>Rhinolophus hipposideros</i> (Bechstein, 1800)
1806	<i>Vespertilio emarginatus</i> E. Geoffroy Saint-Hilaire	<i>Myotis emarginatus</i> (E. Geoffroy St.-Hilaire, 1806)
1904	<i>E[uryalus] atlanticus</i> K. Andersen and Matschie	<i>Rhinolophus euryale</i> Blasius, 1853

France. Publication date

1792	<i>minor</i> Kerr	<i>Rhinolophus hipposideros</i> (Bechstein, 1800)
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Gabon

1860	<i>Epomophorus franqueti</i> Tomes	<i>Epomops franqueti</i> (Tomes, 1860)
1862	<i>Pteropus mollipilosus</i> H. Allen	<i>Eidolon helvum helvum</i> (Kerr, 1792)
1870	<i>Eleutherura unicolor</i> Gray	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)
1876	<i>Epomophorus macrocephalus</i> Peters	<i>Hypsignathus monstrosus</i> H. Allen, 1862
1885	<i>Megaloglossus woermanni</i> Pagenstecher	<i>Megaloglossus woermanni</i> Pagenstecher, 1885
1897	<i>Rhinolophus micaceus</i> de Winton	<i>Hipposideros cyclops</i> (Temminck, 1853)
1906	<i>Hipposideros caffer guineensis</i> K. Andersen	<i>Hipposideros ruber</i> (Noack, 1893)
1959	<i>Rhinolophus silvestris</i> Aellen	<i>Rhinolophus silvestris</i> Aellen, 1959
1966	<i>Tadarida (Chaerephon) cyclotis</i> Brosset	<i>Chaerephon aloysiisabaudiae</i> (Festa, 1907)

'Gabon'

1897	<i>Vesperugo (Vesperus) serotinus</i> var. <i>gabonensis</i> Trouessart	<i>Eptesicus serotinus</i> (Schreber, 1774)
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'Gaboou'

1875	<i>Vespertilio murinus africanus</i> Dobson	<i>Myotis blythii</i> (Tomes, 1857)
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Gambia

1835	<i>Pteropus gambianus</i> Ogilby	<i>Epomophorus gambianus</i> (Ogilby, 1835)
1835	<i>Pteropus gambianus</i> Ogilby	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)
1835	<i>Pteropus macrocephalus</i> Ogilby	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)
1836	<i>Pteropus epomophorus</i> Bennett	<i>Epomophorus gambianus</i> (Ogilby, 1835)
1836	<i>Pteropus whitei</i> Bennett	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)
1889	<i>Vesperugo (Vesperus) Rendalli</i> Thomas	<i>Neoromicia rendalli</i> (Thomas, 1889)
1890	<i>Scotophilus albofuscus</i> Thomas	<i>Scotoecus albofuscus</i> (Thomas, 1890)
1901	<i>Nyctinomus gambianus</i> de Winton	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)
1906	<i>H[ippolophus]. gigas gambiensis</i> K. Andersen	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)

Germany

1797	<i>Vespertilio myotis</i> Borkhausen	<i>Myotis myotis</i> (Borkhausen, 1797)
1817	<i>Vespertilio Leisleri</i> Kuhl	<i>Nyctalus leisleri</i> (Kuhl, 1817)
1817	<i>Vespertilio nattereri</i> Kuhl	<i>Myotis nattereri</i> (Kuhl, 1817)

Ghana

1853	<i>Phyllorrhina cyclops</i> Temminck	<i>Hipposideros cyclops</i> (Temminck, 1853)
1853	<i>Phyllorrhina fuliginosa</i> Temminck	<i>Hipposideros fuliginosus</i> (Temminck, 1853)
1853	<i>Rhinolophus alcyone</i> Temminck	<i>Rhinolophus alcyone</i> Temminck, 1853
1853	<i>Taphozous peli</i> Temminck	<i>Saccolaimus peli</i> (Temminck, 1853)
1865	<i>Nycteris grandis</i> Peters	<i>Nycteris grandis</i> Peters, 1865
1899	<i>Scotophilus hirundo</i> de Winton	<i>Scotoecus hirundo</i> (de Winton, 1899)

1899	<i>Scotophilus nigritellus</i> de Winton	<i>Scotophilus viridis</i> (Peters, 1852)
1911	<i>Xiphonycteris spurrelli</i> Dollman	<i>Mops (Xiphonycteris) spurrelli</i> (Dollman, 1911)
1912	<i>Kerivoula phalæna</i> Thomas	<i>Kerivoula phalaena</i> Thomas, 1912
1946	<i>Scotonycteris ophiodon cansdalei</i> Hayman	<i>Scotonycteris ophiodon</i> Pohle, 1943
1947	<i>Scotonycteris zenkeri occidentalis</i> Hayman	<i>Scotonycteris zenkeri</i> Matschie, 1894
1947	<i>Glauconycteris superba sheila</i> Hayman	<i>Glauconycteris superba</i> Hayman, 1939
1984	<i>Scotophilus nucella</i> Robbins	<i>Scotophilus nucella</i> Robbins, 1984

Guinea

1897	<i>Rhinolophus Maclaudi</i> Pousargues	<i>Rhinolophus maclaudi</i> Pousargues, 1897
1956	<i>Miniopterus inflatus villiersi</i> Aellen	<i>Miniopterus schreibersii</i> (Kuhl, 1817)
1960	<i>Rhinolophus denti knorri</i> Eisentraut	<i>Rhinolophus denti</i> Thomas, 1904
1960	<i>Rhinolophus guineensis</i> Eisentraut	<i>Rhinolophus guineensis</i> Eisentraut, 1960
1985	<i>Hipposideros lamottei</i> Brosset	<i>Hipposideros lamottei</i> Brosset, 1985
2002	<i>Rhinolophus ziam</i> Fahr, Vierhaus, Hutterer and Kock	<i>Rhinolophus ziam</i> Fahr, Vierhaus, Hutterer and Kock, 2002

Guinea Bissau

1889	<i>Vesperus guineensis</i> Bocage	<i>Neoromicia guineensis</i> (Bocage, 1889)
1898	<i>Epomophorus guineensis</i> Bocage	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)
1898	<i>Epomophorus guineensis</i> Bocage	<i>Epomophorus gambianus</i> (Ogilby, 1835)
1939	<i>Hipposideros braima</i> Monard	<i>Hipposideros caffer</i> (Sundevall, 1846)
1939	<i>Hipposideros gigas viegasi</i> Monard	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)
1939	<i>Mops osborni occidentalis</i> Monard	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)
1939	<i>Mops osborni occidentalis f. fulva</i> Monard	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)
1939	<i>Nycteris æthiopica guineensis</i> Monard	<i>Nycteris macrotis</i> Dobson, 1876
1939	<i>Nycteris æthiopica guineensis f. aurantiaca</i> Monard	<i>Nycteris macrotis</i> Dobson, 1876

Guinee-Bissau

1939	<i>Coleura kummeri</i> Monard	<i>Coleura afra</i> (Peters, 1852)
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India

1831	<i>Rhinopoma Hardwickii</i> Gray	<i>Rhinopoma hardwickii</i> Gray, 1831
1857	<i>Vespertilio blythii</i> Tomes	<i>Myotis blythii</i> (Tomes, 1857)

Iran

1871	<i>Triænops persicus</i> Dobson	<i>Triænops persicus</i> Dobson, 1871
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Italy

1780	<i>Vespertilio lasiopterus</i> Schreber	<i>Nyctalus lasiopterus</i> (Schreber, 1780)
1814	<i>Cephalotes teniotis</i> Rafinesque	<i>Tadarida teniotis</i> (Rafinesque, 1814)
1817	<i>Vespertilio Kuhlii</i> Kuhl	<i>Pipistrellus kuhlii</i> (Kuhl, 1817)
1825	<i>Dinops Cestonii</i> Savi	<i>Tadarida teniotis</i> (Rafinesque, 1814)
1837	<i>Vespertilio Capaccinii</i> Bonaparte	<i>Myotis capaccinii</i> (Bonaparte, 1837)
1837	<i>Vespertilio Savii</i> Bonaparte	<i>Hypsugo savii</i> (Bonaparte, 1837)
1853	<i>Rhinolophus euryale</i> Blasius	<i>Rhinolophus euryale</i> Blasius, 1853
1867	<i>Rhinolophus blasii</i> Peters	<i>Rhinolophus blasii</i> Peters, 1867

Kenya

1877	<i>Triænops afer</i> Peters	<i>Triænops persicus</i> Dobson, 1871
1878	<i>Mormopterus setiger</i> Peters	<i>Platymops setiger</i> (Peters, 1878)
1878	<i>Mormopterus setiger</i> Peters	<i>Platymops setiger setiger</i> (Peters, 1878)
1878	<i>Rhinolophus hildebrandtii</i> Peters	<i>Rhinolophus hildebrandtii</i> Peters, 1878
1891	<i>Nyctinomus lobatus</i> Thomas	<i>Tadarida lobata</i> (Thomas, 1891)
1899	<i>Ep[omophorus (Epomophorus)] neumanni</i> Matschie	<i>Epomophorus wahlbergi</i> (Sundevall, 1846)
1901	<i>Scotoecus hindei</i> Thomas	<i>Scotoecus hindei</i> Thomas, 1901
1901	<i>Læphotis Wintoni</i> Thomas	<i>Læphotis wintoni</i> Thomas, 1901
1901	<i>Clæotis Percivali</i> Thomas	<i>Cloetis percivali</i> Thomas, 1901
1901	<i>Nycteris æthiopica luteola</i> Thomas	<i>Nycteris macrotis</i> Dobson, 1876
1901	<i>Pipistrellus Kuhlii fuscatus</i> Thomas	<i>Pipistrellus hesperidus hesperidus</i> (Temminck, 1840)
1904	<i>Myotis Hildegardeæ</i> Thomas	<i>Myotis bocagii bocagii</i> (Peters, 1870)
1904	<i>Nyctinomus hindei</i> Thomas	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)
1904	<i>Scotophilus nigrita colias</i> Thomas	<i>Scotophilus dinganii</i> (A. Smith, 1833)
1904	<i>Hipposideros Commersoni mostellum</i>	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)

	Thomas	
1905	<i>Rhinolophus fumigatus exsul</i> K. Andersen	<i>Rhinolophus fumigatus</i> Rüppell, 1842
1909	<i>Taphozous hildegardeae</i> Thomas	<i>Taphozous hildegardeae</i> Thomas, 1909
1909	<i>Rousettus kempfi</i> Thomas	<i>Rousettus lanosus</i> Thomas, 1906
1909	<i>Scotoecus albigula</i> Thomas	<i>Scotoecus albigula</i> Thomas, 1909
1911	<i>Eptesicus phasma</i> G.M. Allen	<i>Neoromicia rendalli</i> (Thomas, 1889)
1911	<i>Nycticeius africanus</i> G.M. Allen	<i>Nycticeinops schlieffenii</i> (Peters, 1859)
1912	<i>Petalia aurita</i> K. Andersen	<i>Nycteris aurita</i> (K. Andersen, 1912)
1912	<i>Miniopterus natalensis arenarius</i> Heller	<i>Miniopterus natalensis</i> (A. Smith, 1833)
1912	<i>Pipistrellus aero</i> Heller	<i>Pipistrellus aero</i> Heller, 1912
1912	<i>Pipistrellus helios</i> Heller	<i>Neoromicia helios</i> (Heller, 1912)
1915	<i>Taphozous perforatus hædinus</i> Thomas	<i>Taphozous perforatus</i> E. Geoffroy St.-Hilaire, 1818
1916	<i>Chaerephon pumilus naivashæ</i> Hollister	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)
1916	<i>Rhinolophus keniensis</i> Hollister	<i>Rhinolophus clivosus</i> Cretzschmar, 1828
1923	<i>Petalia (Nycteris) thebaica aurantiaca</i> de Beaux	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1923	<i>Scotoecus artinii</i> de Beaux	<i>Scotoecus hirundo</i> (de Winton, 1899)
1924	<i>Eptesicus loveni</i> Granvik	<i>Myotis tricolor</i> (Temminck, 1832)
1936	<i>Nycteris nana tristis</i> G.M. Allen and Lawrence	<i>Nycteris nana</i> (K. Andersen, 1912)
1937	<i>R[hinopoma] cystops macinnesi</i> Hayman	<i>Rhinopoma macinnesi</i> Hayman, 1937
1960	<i>Platymops barbatogularis parkeri</i> Harrison and Fleetwood	<i>Platymops setiger macmillani</i> Thomas, 1906
1980	<i>Myonycteris relicta</i> Bergmans	<i>Myonycteris (Myonycteris) relicta</i> Bergmans, 1980
1982	<i>Glauconycteris kenyacola</i> Peterson	<i>Glauconycteris kenyacola</i> Peterson, 1982
1986	<i>Eptesicus hottentotus portavernus</i> Schlitter and Aggundey	<i>Eptesicus hottentotus</i> (A. Smith, 1833)

Liberia

1881	<i>Leiponyx büttikoferi</i> Jentink	<i>Eidolon helvum helvum</i> (Kerr, 1792)
1888	<i>Epomophorus veldkampii</i> Jentink	<i>Nanonycteris veldkampii</i> (Jentink, 1888)
1888	<i>Vesperugo stampflii</i> Jentink	<i>Pipistrellus nanus</i> (Peters, 1852)
1899	<i>Ep[omophorus (Epomophorus)] büttikoferi</i> Matschie	<i>Epomops buettikoferi</i> (Matschie, 1899)
1900	<i>Pipistrellus minusculus</i> Miller	<i>Pipistrellus nanus</i> (Peters, 1852)
1989	<i>Rhinolophus hillorum</i> Koopman	<i>Rhinolophus hillorum</i> Koopman, 1989

Libya

1840	<i>Vespertilio isabellinus</i> Temminck	<i>Eptesicus serotinus</i> (Schreber, 1774)
1902	<i>Pipistrellus deserti</i> Thomas	<i>Pipistrellus deserti</i> Thomas, 1902
2004	<i>Pipistrellus hanaki</i> Benda, Hulva and Gaisler	<i>Pipistrellus hanaki</i> Hulva and Benda, 2004
2004	<i>Plecotus teneriffae gaisleri</i> Benda, Kiefer, Hanák and Vieth	<i>Plecotus teneriffae gaisleri</i> Benda, Kiefer, Hanak & Veith, 2004

Madagascar

1803	<i>Pteropus rufus</i> E. Geoffroy Saint-Hilaire	<i>Pteropus rufus</i> E. Geoffroy St.-Hilaire, 1803
1808	<i>Pteropus rufus</i> Tiedemann	<i>Pteropus niger</i> (Kerr, 1792)
1810	<i>Pteropus edwardsii</i> E. Geoffroy Saint-Hilaire	<i>Pteropus rufus</i> E. Geoffroy St.-Hilaire, 1803
1813	<i>Rhinolophus commersoni</i> E. Geoffroy Saint-Hilaire	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)
1816	<i>Pteropus madagascariensis</i> Oken	<i>Pteropus rufus</i> E. Geoffroy St.-Hilaire, 1803
1825	<i>Pteropus phaiops</i> Temminck	<i>Pteropus rufus</i> E. Geoffroy St.-Hilaire, 1803
1834	<i>Vespertilio goudoti</i> A. Smith	<i>Myotis goudoti</i> (A. Smith, 1834)
1858	<i>Vespertilio madagascariensis</i> Tomes	<i>Myotis goudoti</i> (A. Smith, 1834)
1865	<i>Nyctinomus (Mormopterus) jugularis</i> Peters	<i>Mormopterus jugularis</i> (Peters, 1865)
1867	<i>Pteropus dupréanus</i> Schlegel	<i>Eidolon dupreanum</i> (Schegel, 1867)
1869	<i>Nyctinomus leucogaster</i> A. Grandidier	<i>Chaerephon leucogaster</i> (A. Grandidier, 1869)
1869	<i>Nyctinomus miarensis</i> A. Grandidier	<i>Mops (Mops) midas miarensis</i> (A. Grandidier, 1869)
1870	<i>Nyctinomus unicolor</i> A. Grandidier	<i>Mops (Mops) midas miarensis</i> (A. Grandidier, 1869)
1870	<i>Vespertilio sylvicola</i> A. Grandidier	<i>Myotis goudoti</i> (A. Smith, 1834)
1874	<i>Emballonura atrata</i> Peters	<i>Emballonura atrata</i> Peters, 1874
1877	<i>Nyctinomus albiventer</i> Dobson	<i>Mormopterus jugularis</i> (Peters, 1865)
1878	<i>Myzopoda aurita</i> A. Milne-Edwards and A. Grandidier	<i>Myzopoda aurita</i> Milne-Edwards and A. Grandidier, 1878
1879	<i>Taphozous dobsoni</i> Jentink	<i>Taphozous mauritianus</i> E. Geoffroy St.-Hilaire, 1818
1881	<i>Scotophilus robustus</i> A. Milne-Edwards	<i>Scotophilus robustus</i> A. Milne-Edwards, 1881
1881	<i>Triænopis Humbloti</i> A. Milne-Edwards	<i>Triænopis rufus</i> Milne-Edwards, 1881
1881	<i>Triænopis rufus</i> A. Milne-Edwards	<i>Triænopis rufus</i> Milne-Edwards, 1881
1881	<i>Vesperus humbloti</i> A. Milne-Edwards	<i>Neoromicia humbloti</i> (A. Milne-Edwards, 1881)
1903	<i>Nyctinomus fulminans</i> Thomas	<i>Tadarida fulminans</i> (Thomas, 1903)
1905	<i>Vespertilio matroka</i> Thomas and Schwann	<i>Neoromicia matroka</i> (Thomas and Schwann, 1905)

1906	<i>Miniopterus Majori</i> Thomas	<i>Miniopterus majori</i> Thomas, 1906
1906	<i>Miniopterus manavi</i> Thomas	<i>Miniopterus manavi</i> Thomas, 1906
1906	<i>Triænops furcula</i> Trouessart	<i>Triænops furculus</i> Trouessart, 1906
1908	<i>Pteropus rufus princeps</i> K. Andersen	<i>Pteropus rufus</i> E. Geoffroy St.-Hilaire, 1803
1912	<i>Triænops aurita</i> G. Grandidier	<i>Triænops auritus</i> G. Grandidier, 1912
1918	<i>Chaerephon leucostigma</i> G.M. Allen	<i>Mops (Mops) leucostigma</i> (G.M. Allen, 1918)
1929	<i>Rousettus madagascariensis</i> G. Grandidier	<i>Rousettus madagascariensis</i> G. Grandidier, 1929
1937	<i>Nycteris madagascariensis</i> G. Grandidier	<i>Nycteris madagascariensis</i> G. Grandidier, 1937
1953	<i>Otomops madagascariensis</i> Dorst	<i>Otomops madagascariensis</i> Dorst, 1953
1995	<i>Eptesicus somalicus malagasyensis</i> Peterson, Eger and Mitchell	<i>Neoromicia malagasyensis</i> (Peterson, Eger and Mitchell, 1995)
1995	<i>Miniopterus gleni</i> Peterson, Eger and Mitchell	<i>Miniopterus gleni</i> Peterson, Eger and Mitchell, 1995
2004	<i>Chaerephon jobimena</i> Goodman and Cardiff	<i>Chaerephon jobimena</i> Goodman and Cardiff, 2004
2005	<i>Scotophilus tandrefana</i> Goodman, Jenkins and Ratrimomanarivo	<i>Scotophilus tandrefana</i> Goodman, Jenkins and Ratrimomanarivo, 2005
2006	<i>Emballonura tiavato</i> Goodman, Cardiff, Ranivo, Russell and Yoder	<i>Emballonura tiavato</i> Goodman, Cardiff, Ranivo, Russell, and Yoder, 2006
2006	<i>Pipistrellus raceyi</i> Bates, Ratrimomanarivo, Harrison and Goodman	<i>Pipistrellus raceyi</i> Bates, Ratrimomanarivo, Harrison and Goodman, 2006
2006	<i>Scotophilus marovaza</i> Goodman, Ratrimomanarivo and Randrianandrianina	<i>Scotophilus marovaza</i> Goodman, Ratrimomanarivo and Randrianandrianina, 2006
2007	<i>Myzopoda schliemanni</i> Goodman, Rakotondraparany and Kofoky	<i>Myzopoda schliemanni</i> Goodman, Rakotondraparany and Kofoky, 2007

Malawi

1904	<i>Rhinolophus augur zambesiensis</i> K. Andersen	<i>Rhinolophus clivus</i> Cretzschmar, 1828
1904	<i>Rhinolophus empusa</i> K. Andersen	<i>Rhinolophus blasii</i> Peters, 1867
1917	<i>Scotoecus woodi</i> Thomas	<i>Scotoecus albofuscus</i> (Thomas, 1890)
1922	<i>Nycteris oriana</i> Kershaw	<i>Nycteris macrotis</i> Dobson, 1876
1946	<i>Eptesicus hottentotus bensoni</i> Roberts	<i>Eptesicus hottentotus</i> (A. Smith, 1833)
2004	<i>Epomophorus anelli</i> Bergmans and Van Strien	<i>Epomophorus anelli</i> Bergmans and Van Strien, 2004

Mali

1928	<i>Chaerophon (Lophomops) nigri</i> Hatt	<i>Chaerephon leucogaster</i> (A. Grandidier, 1869)
1936	<i>Mops angolensis wonderi</i> Sanborn	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)

Mascarene Islands

1792	<i>Vespertilio vampirus niger</i> Kerr	<i>Pteropus niger</i> (Kerr, 1792)
1792	<i>Vespertilio vampyrus subniger</i> Kerr	<i>Pteropus subniger</i> (Kerr, 1792)
1803	<i>Pteropus fuscus</i> Desmarest	<i>Pteropus subniger</i> (Kerr, 1792)
1878	<i>Pteropus rodricensis</i> Dobson	<i>Pteropus rodricensis</i> Dobson, 1878

Mauritius

1804	<i>Vespertilio acetabulosus</i> Hermann	<i>Mormopterus acetabulosus acetabulosus</i> (Hermann, 1804)
1804	<i>Vespertilio acetabulosus</i> Hermann	<i>Mormopterus acetabulosus</i> (Hermann, 1804)
1804	<i>Vespertilio mauritianus</i> Hermann	<i>Pteropus niger</i> (Kerr, 1792)
1818	<i>Taphozous mauritianus</i> E. Geoffroy Saint-Hilaire	<i>Taphozous mauritianus</i> E. Geoffroy St.-Hilaire, 1818
1824	<i>Nyctinomus mauritianus</i> Horsfield	<i>Mormopterus acetabulosus acetabulosus</i> (Hermann, 1804)

Morocco

1904	<i>E[uryalus] barbarus</i> K. Andersen and Matschie	<i>Rhinolophus euryale</i> Blasius, 1853
1906	<i>Hipposiderus tephros</i> Cabrera	<i>Hipposideros caffer</i> (Sundevall, 1846)
1918	<i>[Rhinolophus hipposideros] escalerae</i> K. Andersen	<i>Rhinolophus hipposideros</i> (Bechstein, 1800)
1937	<i>Rhinolophus hipposideros vespa</i> Laurent	<i>Rhinolophus hipposideros</i> (Bechstein, 1800)
1937	<i>Asellia tridens pallida</i> Laurent	<i>Asellia tridens</i> (E. Geoffroy St.-Hilaire, 1813)

Mozambique

1852	<i>Dysopes brachypterus</i> Peters	<i>Mops (Xiphonycteris) brachypterus</i> (Peters, 1852)
1852	<i>Dysopes dubius</i> Peters	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)
1852	<i>Dysopes limbatus</i> Peters	<i>Chaerephon pumilus</i> (Cretzschmar, 1826)
1852	<i>Emballonura afra</i> Peters	<i>Coleura afra</i> (Peters, 1852)

1852	<i>Epomophorus crypturus</i> Peters	<i>Epomophorus gambianus crypturus</i> Peters, 1852
1852	<i>Nycteris fuliginosa</i> Peters	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1852	<i>Nycteris villosa</i> Peters	<i>Nycteris hispida</i> (Schreber, 1774)
1852	<i>Nycticejus planirostris</i> Peters	<i>Scotophilus dinganii</i> (A. Smith, 1833)
1852	<i>Nycticejus viridis</i> Peters	<i>Scotophilus viridis</i> (Peters, 1852)
1852	<i>Phyllorhina gracilis</i> Peters	<i>Hipposideros caffer</i> (Sundevall, 1846)
1852	<i>Rhinolophus lobatus</i> Peters	<i>Rhinolophus landeri</i> Martin, 1838
1852	<i>Vespertilio macuanus</i> Peters	<i>Nyctalus noctula</i> (Schreber, 1774)
1852	<i>Vespertilio nanus</i> Peters	<i>Pipistrellus nanus</i> (Peters, 1852)
1865	<i>Nycticejus nidicola</i> Kirk	<i>Kerivoula argentata</i> Tomes, 1861
1870	<i>Epomophorus macrocephalus</i> var. <i>unicolor</i> Gray	<i>Epomophorus wahlbergi</i> (Sundevall, 1846)
1908	<i>Scoteinus schlieffeni australis</i> Thomas and Wroughton	<i>Nycticeinops schlieffenii</i> (Peters, 1859)
1965	<i>Nycteris vinsoni</i> Dalquest	<i>Nycteris vinsoni</i> Dalquest, 1965
1965	<i>Scotophilus alvenslebeni</i> Dalquest	<i>Scotophilus nigrita</i> (Schreber, 1774)

Mozambique?

1852	<i>Phyllorhina vittata</i> Peters	<i>Hipposideros commersoni</i> (E. Geoffroy St.-Hilaire, 1813)
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Namibia

1861	<i>Kerivoula argentata</i> Tomes	<i>Kerivoula argentata</i> Tomes, 1861
1861	<i>Scotophilus rusticus</i> Tomes	<i>Pipistrellus rusticus</i> (Tomes, 1861)
1861	<i>Scotophilus variegatus</i> Tomes	<i>Glauconycteris variegata</i> (Tomes, 1861)
1869	<i>Rhinolophus aethiops</i> Peters	<i>Rhinolophus fumigatus</i> Rüppell, 1842
1871	<i>Nycteris damarensis</i> Peters	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1889	<i>Vesperus damarensis</i> Noack	<i>Neoromicia capensis</i> (A. Smith, 1829)
1906	<i>Scotophilus damarensis</i> Thomas	<i>Scotophilus leucogaster</i> (Cretzschmar, 1826)
1906	<i>Scotophilus nigrita herero</i> Thomas	<i>Scotophilus dinganii</i> (A. Smith, 1833)
1917	<i>Platymops (Sauromys) haagneri</i> Roberts	<i>Sauromys petrophilus haagneri</i> (Roberts, 1917)
1926	<i>Chaerephon (Lophomops) shortridgei</i> Thomas	<i>Chaerephon chapini</i> J.A. Allen, 1917
1926	<i>Pipistrellus fouriei</i> Thomas	<i>Pipistrellus nanus</i> (Peters, 1852)
1927	<i>Miniopterus smitianus</i> Thomas	<i>Miniopterus natalensis</i> (A. Smith, 1833)
1946	<i>Platymops petrophilus erongensis</i> Roberts	<i>Sauromys petrophilus erongensis</i> (Roberts, 1946)
1946	<i>Rhinolophus darlingi damarensis</i> Roberts	<i>Rhinolophus darlingi</i> K. Andersen, 1905
1971	<i>Laephotis namibensis</i> Setzer	<i>Laephotis namibensis</i> Setzer, 1971

NE Africa

1901	<i>Kerivoula harrisoni</i> Thomas	<i>Kerivoula lanosa</i> (A. Smith, 1847)
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Nigeria

1842	<i>Kerivoula poensis</i> Gray	<i>Glauconycteris poensis</i> (Gray, 1842)
1862	<i>Sphyrocephalus labrosus</i> A. Murray	<i>Hypsignathus monstrosus</i> H. Allen, 1862
1868	<i>Epomophorus pusillus</i> Peters	<i>Micropteropus pusillus</i> (Peters, 1868)
1868	<i>Vesperus (Hesperoptenus) kraussii</i> Peters	<i>Glauconycteris poensis</i> (Gray, 1842)
1875	<i>Scotophilus gigas</i> Dobson	<i>Scotophilus nigrita</i> (Schreber, 1774)
1880	<i>Kerivoula Smithii</i> Thomas	<i>Kerivoula smithii</i> Thomas, 1880
1880	<i>Vesperugo (Vesperus) brunneus</i> Thomas	<i>Neoromicia brunneus</i> (Thomas, 1880)
1891	<i>Vesperugo (Vesperus) moloneyi</i> Thomas	<i>Mimetillus moloneyi</i> (Thomas, 1891)
1900	<i>Mormopterus Whitleyi</i> Scharff	<i>Myopterus whitleyi</i> (Scharff, 1900)
1901	<i>Vespertilio platyops</i> Thomas	<i>Eptesicus platyops</i> (Thomas, 1901)
1908	<i>Chaerephon pumila websteri</i> Dollman	<i>Chaerephon leucogaster</i> (A. Grandidier, 1869)
1910	<i>Epomops franqueti strepitans</i> K. Andersen	<i>Epomops franqueti</i> (Tomes, 1860)
1911	<i>Pipistrellus culex</i> Thomas	<i>Pipistrellus nanus</i> (Peters, 1852)
1913	<i>Chærephon nigeriae</i> Thomas	<i>Chaerephon nigeriae</i> Thomas, 1913
1913	<i>Chærephon nigeriae</i> Thomas	<i>Chaerephon nigeriae nigeriae</i> Thomas, 1913
1913	<i>Rhinolophus foxi</i> Thomas	<i>Rhinolophus fumigatus</i> Rüppell, 1842
1915	<i>Scotoecus falabæ</i> Thomas	<i>Scotoecus hindei</i> Thomas, 1901
1937	<i>Hipposideros sandersoni</i> Sanderson	<i>Hipposideros curtus</i> G.M. Allen, 1921
1940	<i>Mops calabarensis</i> Hayman	<i>Mops (Xiphonycteris) nanulus</i> J.A. Allen, 1917
1958	<i>Taphozous perforatus swirae</i> Harrison	<i>Taphozous perforatus perforatus</i> E. Geoffroy St.-Hilaire, 1818

Pakistan

1881	<i>Phyllorhina tridens murreiaana</i> Andersen	<i>Asellia tridens</i> (E. Geoffroy St.-Hilaire, 1813)
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Republic of South Africa

1823	<i>Pteropus collaris</i> Lichtenstein	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)
1823	<i>Rhinolophus capensis</i> Lichtenstein	<i>Rhinolophus capensis</i> Lichtenstein, 1823
1827	<i>Pteropus amphiplexicaudatus</i> Temminck	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)
1829	<i>Nycteris affinis</i> A. Smith	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1829	<i>Nycteris capensis</i> A. Smith	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1829	<i>Pteropus Leachii</i> A. Smith	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)
1829	<i>Rhinolophus geoffroyii</i> A. Smith	<i>Rhinolophus clivus</i> Cretzschmar, 1828
1829	<i>Vespertilio capensis</i> A. Smith	<i>Neoromicia capensis</i> (A. Smith, 1829)
1832	<i>Vespertilio epichrysus</i> Temminck	<i>Scotophilus dinganii</i> (A. Smith, 1833)
1832	<i>Vespertilio platycephalus</i> Temminck	<i>Pipistrellus hesperidus</i> (Temminck, 1840)
1832	<i>Vespertilio tricolor</i> Temminck	<i>Myotis tricolor</i> (Temminck, 1832)
1833	<i>Nyctinomus condylurus</i> A. Smith	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)
1833	<i>Nyctinomus dubius</i> A. Smith	<i>Mormopterus acetabulosus natalensis</i> (A. Smith, 1847)
1833	<i>Vespertilio dinganii</i> A. Smith	<i>Scotophilus dinganii</i> (A. Smith, 1833)
1833	<i>Vespertilio hottentota</i> A. Smith	<i>Eptesicus hottentotus</i> (A. Smith, 1833)
1833	<i>Vespertilio natalensis</i> A. Smith	<i>Miniopterus natalensis</i> (A. Smith, 1833)
1835	<i>Taphozous leucopterus</i> Temminck	<i>Taphozous mauritanus</i> E. Geoffroy St.-Hilaire, 1818
1840	<i>Nycteris discolor</i> Wagner	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1840	<i>Vespertilio dasythrix</i> Temminck	<i>Miniopterus natalensis</i> (A. Smith, 1833)
1840	<i>Vespertilio minuta</i> Temminck	<i>Neoromicia capensis</i> (A. Smith, 1829)
1840	<i>Vespertilio megalurus</i> Temminck	<i>Eptesicus hottentotus</i> (A. Smith, 1833)
1846	<i>Pteropus Wahlbergi</i> Sundevall	<i>Epomophorus wahlbergi</i> (Sundevall, 1846)
1846	<i>Rhinolophus caffer</i> Sundevall	<i>Hipposideros caffer</i> (Sundevall, 1846)
1846	<i>Vespertilio scotinus</i> Sundevall	<i>Miniopterus natalensis</i> (A. Smith, 1833)
1847	<i>Dysopes natalensis</i> A. Smith	<i>Mormopterus acetabulosus natalensis</i> (A. Smith, 1847)
1847	<i>Vespertilio lanosus</i> A. Smith	<i>Kerivoula lanosa</i> (A. Smith, 1847)
1855	<i>Vespertilio smithii</i> Wagner	<i>Eptesicus hottentotus</i> (A. Smith, 1833)
1860	<i>Rhinolophus auritus</i> Sundevall	<i>Rhinolophus capensis</i> Lichtenstein, 1823
1876	<i>Nyctinomus africanus</i> Dobson	<i>Tadarida ventralis</i> (Heuglin, 1861)
1878	<i>Kerivoula brunnea</i> Dobson	<i>Kerivoula lanosa</i> (A. Smith, 1847)
1904	<i>Rhinolophus Denti</i> Thomas	<i>Rhinolophus denti</i> Thomas, 1904
1904	<i>Rhinolophus augur</i> K. Andersen	<i>Rhinolophus clivus</i> Cretzschmar, 1828
1904	<i>Rhinolophus augur zuluensis</i> K. Andersen	<i>Rhinolophus clivus</i> Cretzschmar, 1828
1905	<i>Vespertilio capensis gracilior</i> Thomas and Schwann	<i>Neoromicia capensis</i> (A. Smith, 1829)
1906	<i>Miniopterus fraterculus</i> Thomas and Schwann	<i>Miniopterus fraterculus</i> Thomas and Schwann, 1906
1908	<i>Rhinolophus swinnyi</i> Gough	<i>Rhinolophus swinnyi</i> Gough, 1908
1908	<i>Scabrier notius</i> G.M. Allen	<i>Neoromicia capensis</i> (A. Smith, 1829)
1909	<i>Miniopterus breyeri</i> Jameson	<i>Miniopterus natalensis</i> (A. Smith, 1833)
1913	<i>Rhinolophus swinnyi piriensis</i> Hewitt	<i>Rhinolophus swinnyi</i> Gough, 1908
1913	<i>Pipistrellus nanus australis</i> Roberts	<i>Pipistrellus nanus</i> (Peters, 1852)
1917	<i>Cloëotis percivali australis</i> Roberts	<i>Cloëotis percivali</i> Thomas, 1901
1917	<i>Otomops icarus</i> Chubb	<i>Otomops martiensseni icarus</i> Chubb, 1917
1917	<i>Platymops (Sauromys) petrophilus</i> Roberts	<i>Sauromys petrophilus petrophilus</i> (Roberts, 1917)
1917	<i>Platymops (Sauromys) petrophilus</i> Roberts	<i>Sauromys petrophilus</i> (Roberts, 1917)
1919	<i>Cistugo lesueuri</i> Roberts	<i>Cistugo lesueuri</i> Roberts, 1919
1919	<i>Eptesicus melckorum</i> Roberts	<i>Neoromicia melckorum</i> (Roberts, 1919)
1924	<i>Eptesicus zuluensis</i> Roberts	<i>Neoromicia zuluensis</i> (Roberts, 1924)
1924	<i>Kerivoula nidicola zuluensis</i> Roberts	<i>Kerivoula argentata</i> Tomes, 1861
1924	<i>Rhinolophus darlingi barbertonensis</i> Roberts	<i>Rhinolophus darlingi</i> K. Andersen, 1905
1926	<i>Chaerophon pumilus elphicki</i> Roberts	<i>Chaerophon pumilus</i> (Cretzschmar, 1826)
1938	<i>Platymops haagneri umbratus</i> Shortridge and Carter	<i>Sauromys petrophilus umbratus</i> (Shortridge & Carter, 1938)
1938	<i>Scotophilus angusticeps</i> Shortridge and Carter	<i>Eptesicus hottentotus</i> (A. Smith, 1833)
1942	<i>Eptesicus megalurus pallidior</i> Shortridge	<i>Eptesicus hottentotus</i> (A. Smith, 1833)
1946	<i>Platymops petrophilus fitzsimonsi</i> Roberts	<i>Sauromys petrophilus umbratus</i> (Shortridge & Carter, 1938)
1946	<i>Scotophilus nigrita pondoensis</i> Roberts	<i>Scotophilus dinganii</i> (A. Smith, 1833)
1948	<i>Pipistrellus (Romicia) kuhlii broomi</i> Roberts	<i>Pipistrellus hesperidus broomi</i> Roberts, 1948
2001	<i>Pipistrellus africanus meesteri</i> Kock	<i>Pipistrellus nanus</i> (Peters, 1852)

Republic of South Africa?

1846	<i>Vespertilio subtilis</i> Sundevall	<i>Pipistrellus hesperidus subtilis</i> (Sundevall, 1846)
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Republic of the Congo

1912	<i>Petalia nana</i> K. Andersen	<i>Nycteris nana</i> (K. Andersen, 1912)
1968	<i>Rhinolophus adami</i> Aellen and Brosset	<i>Rhinolophus adami</i> Aellen and Brosset, 1968
1968	<i>Triaenops persicus majusculus</i> Aellen and Brosset	<i>Triaenops persicus</i> Dobson, 1871
2005	<i>Myotis dieteri</i> M. Happold	<i>Myotis dieteri</i> M. Happold, 2005

Réunion

1810 *Pteropus rubricollis* E. Geoffroy Saint-Hilaire *Pteropus subniger* (Kerr, 1792)

Réunion and Madagascar

1803 *Pteropus fuscus* E. Geoffroy Saint-Hilaire *Pteropus niger* (Kerr, 1792)
 1810 *Pteropus vulgaris* E. Geoffroy Saint-Hilaire *Pteropus niger* (Kerr, 1792)
 1895 *Pteropus pteropus* Merriam *Pteropus niger* (Kerr, 1792)

Romania

1817 *Vespertilio schreibersii* Kuhl *Miniopterus schreibersii* (Kuhl, 1817)
 1901 *Rhinolophus mehelyi* Matschie *Rhinolophus mehelyi* Matschie, 1901

Rwanda

1973 *Rhinolophus hilli* Aellen *Rhinolophus ruwenzorii* J. Eric Hill, 1942

São Tomé and Príncipe

1889 *Cynonycteris brachycephala* Bocage *Myonycteris (Phygetis) brachycephala* (Bocage, 1889)
 1889 *Miniopterus newtoni* Barboza du Bocage *Miniopterus minor* Peters, 1867
 1891 *Phyllorhina commersoni* var. *thomensis* Bocage *Hipposideros commersoni* (E. Geoffroy St.-Hilaire, 1813)
 1993 *Rousettus aegyptiacus thomensis* Feiler, Haft and Widmann *Rousettus aegyptiacus* (E. Geoffroy St.-Hilaire, 1810)
 1993 *Rousettus aegyptiacus tomensis* Juste and Ibáñez *Rousettus aegyptiacus* (E. Geoffroy St.-Hilaire, 1810)
 1993 *Rousettus aegyptiacus princeps* Juste and Ibáñez *Rousettus aegyptiacus* (E. Geoffroy St.-Hilaire, 1810)
 1993 *Tadarida (Chaerephon) tomensis* Juste and Ibáñez *Chaerephon tomensis* (Juste and Ibáñez, 1993)

Saudi-Arabia

1828 *Rhinolophus clivosus* Cretzschmar *Rhinolophus clivosus* Cretzschmar, 1828

Senegal

1774 *Vespertilio hispidus* Schreber *Nycteris hispida* (Schreber, 1774)
 1774 *Vespertilio Nigrita* Schreber *Scotophilus nigrita* (Schreber, 1774)
 1792 *Vespertilio vampyrus helvus* Kerr *Eidolon helvum helvum* (Kerr, 1792)
 1792 *Vespertilio vampyrus helvus* Kerr *Eidolon helvum* (Kerr, 1792)
 1810 *Megaderma frons* E. Geoffroy Saint-Hilaire *Lavia frons* (E. Geoffroy St.-Hilaire, 1810)
 1813 *Nycteris Daubentonii* E. Geoffroy Saint-Hilaire *Nycteris hispida* (Schreber, 1774)
 1820 *Myopterus daubentonii* Desmarest *Myopterus daubentonii* Desmarest, 1820
 1820 *Nycteris Geoffroyi* Desmarest *Nycteris thebaica* E. Geoffroy St.-Hilaire, 1818
 1820 *Taphozous senegalensis* Desmarest *Taphozous perforatus perforatus* E. Geoffroy St.-Hilaire, 1818
 1912 *Petalia gambiensis* K. Andersen *Nycteris gambiensis* (K. Andersen, 1912)
 1939 *Rhinolophus aethiops diversus* Sanborn *Rhinolophus fumigatus* Rüppell, 1842
 1960 *Pipistrellus rüppellii senegalensis* Dorst *Pipistrellus rüppellii senegalensis* Dorst, 1960

Seychelle Islands

1868 *Coleura seychellensis* Peters *Coleura seychellensis* Peters, 1868
 1877 *Pteropus seychellensis* A. Milne-Edwards *Pteropus seychellensis* A. Milne-Edwards, 1877
 1893 *Pteropus aldabrensis* True *Pteropus aldabrensis* True, 1893
 1915 *C[oleura] silhouettæ* Thomas *Coleura seychellensis* Peters, 1868

Sierra Leone

1876 *Nycteris macrotis* Dobson *Nycteris macrotis* Dobson, 1876
 1908 *Nyctinomus leonis* Thomas *Mops (Xiphonycteris) brachypterus* (Peters, 1852)
 1908 *Rousettus smithii* Thomas *Lissonycteris smithii* (Thomas, 1908)
 1908 *Myonycteris leptodon* K. Andersen *Myonycteris (Myonycteris) torquata leptodon* K. Andersen, 1908
 1947 *Hipposideros jonesi* Hayman *Hipposideros jonesi* Hayman, 1947

Somalia

1881	<i>Nycteris Revoilii</i> Robin	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1901	<i>Vespertilio minutus somalicus</i> Thomas	<i>Neoromicia somalicus</i> (Thomas, 1901)
1910	<i>Rhinolophus brockmani</i> Thomas	<i>Rhinolophus blasii</i> Peters, 1867
1912	<i>Petalia damarensis brockmani</i> K. Andersen	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1915	<i>C[oleura] gallarum</i> Thomas	<i>Coleura afra</i> (Peters, 1852)
1922	<i>Rhinolophus hildebrandti perauritus</i> de Beaux	<i>Rhinolophus eloquens</i> K. Andersen, 1905
1924	<i>Petalia parisii</i> de Beaux	<i>Nycteris parisii</i> (de Beaux, 1923)
1931	<i>Asellia tridens italosomalica</i> de Beaux	<i>Asellia tridens</i> (E. Geoffroy St.-Hilaire, 1813)

South Africa

1832	<i>Pteropus hottentottus</i> Temminck	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)
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southern Africa

1800	<i>Vespertilio megalotis</i> Bechstein	<i>Lavia frons</i> (E. Geoffroy St.-Hilaire, 1810)
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Spain

1859	<i>Scotophilus darwini</i> Tomes	<i>Hypsugo savii</i> (Bonaparte, 1837)
1904	<i>E[uryalus] Cabrerae</i> K. Andersen and Matschie	<i>Rhinolophus euryale</i> Blasius, 1853
1904	<i>Myotis Escalerae</i> Cabrera	<i>Myotis nattereri</i> (Kuhl, 1817)
1907	<i>Plecotus teneriffae</i> Barrett-Hamilton	<i>Plecotus teneriffae teneriffae</i> Barrett-Hamilton, 1907
2002	<i>Barbastella barbastellus guanchae</i> Trujillo, Ibáñez and Juste	<i>Barbastella barbastellus</i> (Schreber, 1774)

Sudan

1803	<i>Pteropus stramineus</i> E. Geoffroy Saint-Hilaire	<i>Eidolon helvum helvum</i> (Kerr, 1792)
1826	<i>Nycticejus leucogaster</i> Cretzschmar	<i>Scotophilus leucogaster</i> (Cretzschmar, 1826)
1826	<i>Vespertilio temminckii</i> Cretzschmar	<i>Pipistrellus rueppellii</i> (Fischer, 1829)
1827	<i>Vespertilio temminckii</i> Cretzschmar	<i>Pipistrellus rueppellii rueppellii</i> (Fischer, 1829)
1829	<i>Vespertilio rüppellii</i> J.B. Fischer	<i>Pipistrellus rueppellii</i> (Fischer, 1829)
1829	<i>Vespertilio rüppellii</i> J.B. Fischer	<i>Pipistrellus rueppellii rueppellii</i> (Fischer, 1829)
1837	<i>Pteropus labiatus</i> Temminck	<i>Epomophorus labiatus</i> (Temminck, 1837)
1840	<i>Nycteris albiventer</i> Wagner	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1843	<i>Dysopes midas</i> Sundevall	<i>Mops (Mops) midas midas</i> (Sundevall, 1843)
1843	<i>Dysopes midas</i> Sundevall	<i>Mops (Mops) midas</i> (Sundevall, 1843)
1859	<i>Rhinopoma lepsianum</i> Peters	<i>Rhinopoma microphyllum</i> (Brünnich, 1782)
1861	<i>Pterocyon paleaceus</i> Peters	<i>Eidolon helvum helvum</i> (Kerr, 1792)
1864	<i>Dysopes hepaticus</i> Heuglin	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)
1864	<i>Epomophorus anurus</i> Heuglin	<i>Epomophorus labiatus</i> (Temminck, 1837)
1865	<i>Pteropus palmarum</i> Heuglin	<i>Eidolon helvum helvum</i> (Kerr, 1792)
1866	<i>Plecotus aethiopicus</i> Heuglin	<i>Plecotus christii</i> Gray, 1838
1866	<i>Plecotus aethiopicus</i> Heuglin and Fitzinger	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1866	<i>Plecotus ustus</i> Fitzinger and Heuglin	<i>Otonycteris hemprichii</i> Peters, 1859
1866	<i>Rhinopoma longicaudatum</i> Fitzinger	<i>Rhinopoma hardwickii</i> Gray, 1831
1866	<i>Rhinopoma sennaariense</i> Fitzinger	<i>Rhinopoma hardwickii</i> Gray, 1831
1866	<i>Vesperugo hypoleucus</i> Heuglin and Fitzinger	<i>Pipistrellus rueppellii rueppellii</i> (Fischer, 1829)
1866	<i>Vesperugo sennaariensis</i> Heuglin and Fitzinger	<i>Pipistrellus rueppellii rueppellii</i> (Fischer, 1829)
1866	<i>Xantharpyia leucomelas</i> Fitzinger	<i>Eidolon helvum helvum</i> (Kerr, 1792)
1868	<i>Nycteris geoffroyi</i> Var. <i>senegalensis</i> Hartmann	<i>Nycteris thebaica</i> E. Geoffroy St.-Hilaire, 1818
1877	<i>Dysopes talpinus</i> Heuglin	<i>Tadarida aegyptiaca aegyptiaca</i> (E. Geoffroy St.-Hilaire, 1818)
1877	<i>Rhinopoma cordofanicum</i> Heuglin	<i>Rhinopoma microphyllum</i> (Brünnich, 1782)
1877	<i>Taphozous maritimus</i> Heuglin	<i>Taphozous perforatus</i> E. Geoffroy St.-Hilaire, 1818
1878	<i>Nycteris aethiopica</i> Dobson	<i>Nycteris macrotis</i> Dobson, 1876
1897	<i>Nyctinomus pumilus</i> var. <i>major</i> Trouessart	<i>Chaerephon major</i> (Trouessart, 1897)
1901	<i>Glauconycteris floweri</i> de Winton	<i>Eptesicus floweri</i> (de Winton, 1901)
1903	<i>Nyctinomus cisturus</i> Thomas	<i>Chaerephon bemmeli</i> (Jentink, 1879)
1903	<i>Nyctinomus demonstrator</i> Thomas	<i>Mops (Mops) demonstrator</i> (Thomas, 1903)
1904	<i>Pipistrellus ariel</i> Thomas	<i>Hypsugo ariel</i> (Thomas, 1904)
1904	<i>Rhinolophus Dobsoni</i> Thomas	<i>Rhinolophus landeri</i> Martin, 1838
1907	<i>Lavia frons affinis</i> K. Andersen and Wroughton	<i>Lavia frons</i> (E. Geoffroy St.-Hilaire, 1810)
1908	<i>Scoteinus schlieffeni albiventer</i> Thomas and	<i>Nycticeinops schlieffenii</i> (Peters, 1859)

	Wroughton	
1911	<i>Chaerephon emini</i> Wroughton	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)
1914	<i>Scotophilus altilis</i> G.M. Allen	<i>Scotophilus leucogaster</i> (Cretzschmar, 1826)
1915	<i>C[oleura] g[allarum] nilosa</i> Thomas	<i>Coleura afra</i> (Peters, 1852)
1915	<i>Glauconycteris phalæna</i> Thomas	<i>Glauconycteris variegata</i> (Tomes, 1861)
1915	<i>Rhinopterus lowei</i> Thomas	<i>Eptesicus floweri</i> (de Winton, 1901)
1915	<i>Taphozous sudani</i> Thomas	<i>Taphozous perforatus sudani</i> Thomas, 1915
1916	<i>Eptesicus rectitragus</i> Wettstein	<i>Neoromicia guineensis</i> (Bocage, 1889)
1916	<i>Nyctinomus (Nyctinomus) tongaënsis</i> Wettstein	<i>Tadarida aegyptiaca aegyptiaca</i> (E. Geoffroy St.-Hilaire, 1818)
1916	<i>Scotoecus cinnamomeus</i> Wettstein	<i>Nycticeinops schlieffenii</i> (Peters, 1859)
1920	<i>Taphozous hamiltoni</i> Thomas	<i>Taphozous hamiltoni</i> Thomas, 1920
1923	<i>Pipistrellus marrensis</i> Thomas and Hinton	<i>Pipistrellus rusticus</i> (Tomes, 1861)
1956	<i>Platymops barbatogularis</i> Harrison	<i>Platymops setiger macmillani</i> Thomas, 1906
1969	<i>Rhinopoma hardwicki sennaariense</i> Kock	<i>Rhinopoma hardwickii</i> Gray, 1831
1969	<i>Rhinopoma microphyllum tropicalis</i> Kock	<i>Rhinopoma microphyllum</i> (Brünnich, 1782)

Tanzania

1867	<i>Miniopterus minor</i> Peters	<i>Miniopterus minor</i> Peters, 1867
1867	<i>Rhinolophus deckenii</i> Peters	<i>Rhinolophus deckenii</i> Peters, 1867
1875	<i>Vesperugo pulcher</i> Dobson	<i>Pipistrellus rueppellii pulcher</i> (Dobson, 1875)
1876	<i>Vesperugo (Vesperus) grandidieri</i> Dobson	<i>Neoromicia capensis</i> (A. Smith, 1829)
1878	<i>Kerivoula africana</i> Dobson	<i>Kerivoula africana</i> Dobson, 1878
1880	<i>Epomophorus minor</i> Dobson	<i>Epomophorus labiatus minor</i> Dobson, 1880
1880	<i>Epomophorus minor</i> Dobson	<i>Epomophorus labiatus</i> (Temminck, 1837)
1887	<i>Scotophilus minimus</i> Noack	<i>Nycticeinops schlieffenii</i> (Peters, 1859)
1893	<i>Phyllorhina rubra</i> Noack	<i>Hipposideros ruber</i> (Noack, 1893)
1897	<i>Nyctinomus martiensseni</i> Matschie	<i>Otomops martiensseni</i> (Matschie, 1897)
1897	<i>Nyctinomus martiensseni</i> Matschie	<i>Otomops martiensseni martiensseni</i> (Matschie, 1897)
1899	<i>Ep[omophorus (Epomophorus)] stuhlmanni</i> Matschie	<i>Epomophorus wahlbergi</i> (Sundevall, 1846)
1899	<i>Vespertilio venustus</i> Matschie	<i>Myotis welwitschii</i> (Gray, 1866)
1901	<i>Nyctinomus emini</i> de Winton	<i>Chaerephon major</i> (Trouessart, 1897)
1905	<i>Lavia rex</i> Miller	<i>Lavia frons</i> (E. Geoffroy St.-Hilaire, 1810)
1908	<i>Rousettus sjöstedti</i> Lönnberg	<i>Rousettus aegyptiacus</i> (E. Geoffroy St.-Hilaire, 1810)
1909	<i>Pteropus (Spectrum) voeltzkowi</i> Matschie	<i>Pteropus voeltzkowi</i> Matschie, 1909
1923	<i>Nycteris marica</i> Kershaw	<i>Nycteris grandis</i> Peters, 1865
1957	<i>Pipistrellus (Pipistrellus) permixtus</i> Aellen	<i>Pipistrellus permixtus</i> Aellen, 1957
2000	<i>Rhinolophus maendeleo</i> Kock, Csorba and Howell	<i>Rhinolophus maendeleo</i> Kock, Csorba and Howell, 2000

Tanzania, SE Tanzania, Mtwara, Rovuma river, Kitaya. Type specimen

1942	<i>Mops angolensis orientis</i> G.M. Allen and Loveridge	<i>Mops (Mops) condylurus</i> (A. Smith, 1833)
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Tunisia

1977	<i>Myotis blythii punicus</i> Felten	<i>Myotis punicus</i> Felten, 1977
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Uganda

1905	<i>Glauconycteris papilio</i> Thomas	<i>Glauconycteris variegata</i> (Tomes, 1861)
1905	<i>Rhinolophus Hildebrandti eloquens</i> K. Andersen	<i>Rhinolophus eloquens</i> K. Andersen, 1905
1906	<i>Hipposideros caffer centralis</i> K. Andersen	<i>Hipposideros ruber</i> (Noack, 1893)
1906	<i>Rousettus lanosus</i> Thomas	<i>Rousettus lanosus</i> Thomas, 1906
1907	<i>Nyctinomus aloysii-sabaudiae</i> Festa	<i>Chaerephon aloysiisabaudiae</i> (Festa, 1907)
1913	<i>Pipistrellus fuscipes</i> Thomas	<i>Pipistrellus rueppellii fuscipes</i> Thomas, 1913
1916	<i>Eptesicus ugandæ</i> Hollister	<i>Neoromicia somalicus</i> (Thomas, 1901)
1965	<i>Rousettus angolensis ruwenzorii</i> Eisentraut	<i>Lissonycteris angolensis ruwenzorii</i> (Eisentraut, 1965)

West Africa

1835	<i>Pteropus megacephalus</i> Swainson	<i>Epomophorus gambianus gambianus</i> (Ogilby, 1835)
1846	<i>Pteropus haldemani</i> Hallowell	<i>Epomophorus wahlbergi</i> (Sundevall, 1846)
1862	<i>Epomophorus comptus</i> H. Allen	<i>Epomops franqueti</i> (Tomes, 1860)
1866	<i>Nycteris baikii</i> Gray	<i>Nycteris grandis</i> Peters, 1865

Western Africa

1857	<i>Vespertilio pusillus</i> Leconte	<i>Neoromicia "incertae-sedis"</i>
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- | | | |
|------|--|---|
| 1862 | <i>Hypsignathus monstrosus</i> H. Allen | <i>Hypsignathus monstrosus</i> H. Allen, 1862 |
| | | Yemen |
| 1869 | <i>Vesperus bottae</i> Peters | <i>Eptesicus bottae</i> (Peters, 1869) |
| | | Zambia |
| 1914 | <i>Nycteris woodi</i> K. Andersen | <i>Nycteris woodi</i> K. Andersen, 1914 |
| 1920 | <i>Mimetillus thomasi</i> Hinton | <i>Mimetillus thomasi</i> Hinton, 1920 |
| 1960 | <i>Epomophorus gambianus parvus</i> Ansell | <i>Epomophorus gambianus</i> (Ogilby, 1835) |
| 1960 | <i>Epomophorus gambianus parvus</i> Ansell | <i>Epomophorus gambianus crypturus</i> Peters, 1852 |
| 2002 | <i>Rhinolophus sakejensis</i> Cotterill | <i>Rhinolophus sakejensis</i> Cotterill, 2002 |
| | | Zimbabwe |
| 1904 | <i>Rhinolophus simulator</i> K. Andersen | <i>Rhinolophus simulator</i> K. Andersen, 1904 |
| 1905 | <i>Rhinolophus darlingi</i> K. Andersen | <i>Rhinolophus darlingi</i> K. Andersen, 1905 |
| 1914 | <i>Rhinolophus bembanicus</i> Senna | <i>Rhinolophus simulator</i> K. Andersen, 1904 |
| 1920 | <i>Kerivoula lucia</i> Hinton | <i>Kerivoula lanosa</i> (A. Smith, 1847) |
| 1938 | <i>Chaerephon lancasteri</i> Hayman | <i>Chaerephon chapini</i> J.A. Allen, 1917 |
| 1946 | <i>Nycteris woodi sabiensis</i> Roberts | <i>Nycteris woodi</i> K. Andersen, 1914 |
| 1946 | <i>Nyctinomus masoni</i> Roberts | <i>Tadarida fulminans</i> (Thomas, 1903) |
| 1946 | <i>Nyctinomus rhodesiae</i> Roberts | <i>Chaerephon ansorgei</i> (Thomas, 1913) |
| 1946 | <i>Rhinolophus swinnyi rhodesiae</i> Roberts | <i>Rhinolophus swinnyi</i> Gough, 1908 |
| 1962 | <i>Taphozous sudani australis</i> Harrison | <i>Taphozous perforatus sudani</i> Thomas, 1915 |
| 1997 | <i>Lissonycteris angolensis goliath</i> Bergmans | <i>Lissonycteris goliath</i> Bergmans, 1997 |

Appendix 4: Collector Information

All information relating to the collectors of the voucher specimens, which might be useful for find discrepancies between the collector, collection date and locality.

All sub-tables contain the following information: name of collector, collection date, country and locality, museum code and number of specimens. Totals per category are also given.

Appendix 4a: Follow the Collector

Voucher specimen records sorted by the collector and date, allow one to follow the trail of a collector.

Underlined numbers indicate the number of specimens for the locality present in one or more collections. Bold numbers represent the number of specimens for the country, and bold and underlined numbers the totals for the specific date.

?: Collector Unknown

Collection Date Unknown: "Africa": : TM: 1 [1] - Africa: MZUF: 1 [1] - Central Africa: NMBE: 7 [7] - Eastern Africa: NMW: 1 [1] - Mfutululu: DNSM: 1 [1] - Mootshane: DNSM: 1 [1] - Sahara: MHNG: 1 [1] - South Africa: BMNH: 1 [1] - Unknown locality: BMNH: 6, MNHN: 3, RMCA: 2, RMNH: 2, USNM: 1, ZFMK: 1 [15] - West Africa: TM: 2 [2 - 31].

"Congo": : MIZT: 1 [1 - 1].

Algeria: Annaba: UANK: 2 [2] - Oumash: BMNH: 1 [1 - 3].

Angola: Alto Chicapa: BMNH: 1 [1] - Benguela [= Benguela]: BMNH: 1 [1] - Biballe and Rio Coroca, Caconda: BMNH: 1 [1] - Cahata: BMNH: 1 [1] - Capolopop: IICA: 3 [3] - Chitau: AMNH: 5 [5] - Cunga: USNM: 1 [1] - Dande [= Dando], 35 km E: AMNH: 1 [1] - Dundo: BMNH: 1, CNHM: 1 [2] - Dundo Lundo: BMNH: 1 [1] - Lac Calundo: BMNH: 2 [2] - NE Angola: BMNH: 1 [1] - Rio Coroca: BMNH: 1 [1] - Tshiembe [=syn Tyhumbwe, Tyhumbwe, Chiembe] river, tributary of Kasai river: AMNH: 1, MHNC: 3 [4 - 25].

Angola (?): Angola: BMNH: 1 [1 - 1].

Benin: "Dahomey": MNHN: 1 [1] - no specific locality: MNHN: 1 [1 - 2].

Botswana: Drotsky's Cave: NHMZ: 14 [14] - Four Rivers Camp: NHMZ: 9 [9] - Kurunxaraga [= Xugana Lagoon]: NHMZ: 1 [1] - Kwai Mababe Flats: TM: 1 [1] - Maun: NHMZ: 1 [1] - Nitani: TM: 1 [1] - Nthane: NHMZ: 9 [9] - Pom Pom Okovango: NHMZ: 1 [1] - Sepopa: NHMZ: 1 [1] - Tsanogo: NHMZ: 1 [1 - 39].

Burundi: Bujumbura: KBIN: 4, RMCA: 1 [5 - 5].

Cameroon: Abidjan, 15 km NW: AMNH: 2 [2] - Aboubou: RMCA: 2 [2] - Aimako: RMCA: 1 [1] - Basho: ZMB: 1 [1] - Buea: ZMB: 1 [1] - Cameroon: RMCA: 2 [2] - Campo: RMCA: 6 [6] - Dimako: RMCA: 9 [9] - Ebogo: RMCA: 3 [3] - Eseka: RMCA: 1 [1] - Eseka, 9 km N: AMNH: 1 [1] - Ikare Plantation: RMCA: 1 [1] - Jauro Masali: SMNS: 5, ZFMK: 5 [10] - Kumba: ROM: 2 [2] - Kumba, 15 km S: ROM: 1 [1] - Kundja [=Koundja]: ZMB: 2 [2] - Lomie: ROM: 1 [1] - Lomie district: RMCA: 1 [1] - Lomie, 40 km N: ROM: 1 [1] - Mang: RMCA: 9 [9] - Mawutu Village: ROM: 2 [2] - Méséa: RMCA: 5 [5] - Moyo Nkoulou: RMCA: 23 [23] - Mieri: RMCA: 19 [19] - Moba [stream]: ZMB: 1 [1] - Mokolo: RMCA: 12 [12] - Mount Cameroon: BMNH: 1 [1] - MVE II, cave: ROM: 6 [6] - Njombo River: ROM: 7 [7] - Nkometou: RMCA: 4 [4] - Nkounden: RMCA: 1 [1] - no specific locality: ZMB: 1 [1] - Obala, 12 km S, 4 km E: ROM: 2 [2] - Obala, 82 km NE: AMNH: 1 [1] - Oveng: RMCA: 6 [6] - Poli: RMCA: 1 [1] - Tibati: RMCA: 2 [2] - Touroua: RMCA: 1 [1] - Waza: RMCA: 19 [19] - Yagoua: RMCA: 71 [71] - Yoko, 4 km S: ROM: 1 [1] - Zoulabot II: RMCA: 2 [2 - 245].

Canary Islands [Spain]: La Palma: BMNH: 1 [1 - 1].

Cape Verde: Fogo island: BMNH: 2, MZUF: 2, USNM: 1 [5] - Maio island: MNHN: 2 [2] - Maio island, Vila do Maio: MNHN: 1 [1] - Santiago island, Pedra Badejo: MNHN: 3 [3] - Santiago island, Trindade: MNHN: 1 [1] - Santo Antão island, Ribeira Grande: MZUF: 2 [2] - São Vicente island: MZUF: 3 [3 - 17].

Central African Republic: Bangui: MNHN: 2 [2] - Ngotto forest: Rennes: 1 [1 - 3].

Chad: Bebedjia: ZMA: 8 [8 - 8].

Comoro Islands: Anjouan island: BMNH: 1, ZMB: 1 [2] - Grand Comoro island: BMNH: 1 [1] - near Boboni: ZFMK: 1 [1] - no specific locality: BMNH: 3 [3 - 7].

Congo: Mayumbe: RMCA: 1 [1 - 1].

Congo (Democratic Republic of the): Albertville [=Kalemie]: RMCA: 5 [5] - Alima: RMCA: 1 [1] - Avakubi: AMNH: 1 [1] - Babeke Isai River: HZM: 3 [3] - Bambesa: RMCA: 2 [2] - Bambu: KBIN: 1 [1] - Banana: SMF: 1 [1] - Bata: MNHN: 1 [1] - Bela: KBIN: 1 [1] - Bokuma: RMCA: 1 [1] - Buhatu valley: AMNH: 1 [1] - Eringete: KBIN: 1 [1] - Garamba Park: KBIN: 2 [2] - Kasai province: RMCA: 1 [1] - Kasaka: RMCA: 1 [1] - Katobwe: FMNH: 1 [1] - Kiamokoto: KBIN: 2 [2] - Kikwit, Palm Plantation: TM: 20 [20] - Kilo: RMCA: 1 [1] - Kinawa passage, confluence Thyuma & Semliki: KBIN: 1 [1] - Kisangani: AMNH: 1 [1] - Koloka: ZMH: 1 [1] - Lubumbashi: RMCA: 1 [1] - Luluabourg: BMNH: 2 [2] - Masombwe: KBIN: 5 [5] - Mayembe: RMCA: 1 [1] - Mbuye-Bala affluent de la Muye: KBIN: 1 [1] - Medje: AMNH: 2 [2] - Moba: RMCA: 1 [1] - Mumene: BMNH: 1, RMCA: 6, SMF: 2 [9] - Musonge: BMNH: 1, SMF: 1 [2] - Netonna: SMF: 1 [1] - Pawa: RMCA: 1 [1] - Rutshuru: KBIN: 1 [1] - Ruwenzori SE: BMNH: 2 [2] - Tschuapa: KBIN: 1 [1] - Uvira: RMCA: 1 [1] - Zobia: KBIN: 3 [3 - 84].

Cote D'Ivoire: Ivory Coast: MNHN: 1, RMCA: 1 [2 - 2].

Egypt: Cairo: ZMB: 1 [1] - Egypt: BMNH: 1, MNHN: 7, RMNH: 4, SMF: 1, SMNS: 2, SMTD: 1 [16] - El Tur: BMNH: 1, ZMB: 1 [2] - Giza [=Gizeh]: Restricted from "Egypt" to Giza: MNHN: 1 [1] - Gizeh: BMNH: 1 [1] - Gizeh, Great Pyramid: MNHN: 1 [1] - Helvan [=Helwan]: ZMB: 1 [1] - Kom Ombo: MNHN: 1 [1] - near Luxor: BMNH: 1, MNHN: 2 [3] - Nile: BMNH: 2 [2] - no specific locality: BMNH: 1, ZMB: 1 [2] - Saqqara: ZMB: 2 [2] - Siwa Oasis: BMNH: 1 [1] - Thebe: BMNH: 1, MHNG: 1 [2] - Thebes: MNHN: 1 [1 - 37].

Egypt/Sudan: Aswan [in Egypt and Chondek, Northern Province in Sudan]: ZMB: 1 [1 - 1].

Equatorial Guinea: Banlesbeni: BMNH: 4 [4] - Benito river: BMNH: 1 [1] - Bioko [=former Fernando Po]: BMNH: 1 [1] - Fernando Po [=Bioko island]: BMNH: 3 [3 - 9].

Eritrea: Bogos country: ZMB: 1 [1] - Dongollo Basso: MZUF: 1 [1] - Massawa: SMF: 1 [1 - 3].

Ethiopia: Abyssinia: BMNH: 1, ZMB: 1 [2] - Adi Caie: MZUF: 4 [4] - Agordat: MZUF: 7 [7] - Beletta forest: ZMMU: 2 [2] - Didessa River mouth: BMNH: 1 [1] - Djem-djem Forest: BMNH: 1 [1] - Fatam R Big Abbai: BMNH: 1 [1] - Koka: BMNH: 3 [3] - Shibe-Tolley: NHMZ: 1 [1] - Shoa: FMNH: 1, SMF: 1 [2 - 24].

Gabon: Cape Lopez: USNM: 2 [2] - Gabon: AMNH: 1 [1 - 3].

'Gabon': but almost certainly from Kashmir or N India: BMNH: 1 [1 - 1].

'Gaboon': but more probably from Kashmir: BMNH: 1 [1 - 1].

Ghana: Boutry River: RMNH: 1 [1] - Gambaga: BMNH: 1 [1] - Oda: BMNH: 3 [3 - 5].

Guinea: Conakry Island: MNHN: 1 [1 - 1].

India: Nasirabad: BMNH: 2 [2 - 2].

Iran: Shiraz: BMNH: 1 [1 - 1].

Italy: Sicily: BMNH: 1 [1 - 1].

Kenya: Chanler Falls [=Chandler's Falls]: BMNH: 1 [1] - Endeless: ROM: 1 [1] - Isiolo: LACM: 1, ROM: 1 [2] - Kakamega Forest: AMNH: 2, HZM: 1, ROM: 3 [6] - Kara-Suk: ROM: 2 [2] - Kenya: USNM: 1 [1] - Kipsain: HZM: 1 [1] - Makindu, 35 km E: ROM: 1 [1] - Malindi: USNM: 1 [1] - Malindi, 30 mi N: BMNH: 1 [1] - Mara River: ROM: 4 [4] - Masol Location: ROM: 1 [1] - Maungu: ROM: 2 [2] - Maungu Hill: NHMZ: 1 [1] - Morok River: ROM: 1 [1] - Mount Elgon: BMNH: 1 [1] - Mukanda Stream: ROM: 1 [1] - Muranga: BMNH: 1 [1] - Nairobi: SMF: 2 [2] - Namanga: ROM: 1 [1] - Nanyuki [=Nangukij]: ROM: 1 [1] - Ndi: BMNH: 1 [1] - near Hoey's Bridge: BMNH: 3 [3] - Nguruman Escarpment: ZMB: 2 [2] - Nyeri: HZM: 1 [1] - Nyuki [=Nanyuki] river: USNM: 1 [1] - Ortum: ROM: 11 [11] - Rabai: BMNH: 1 [1] - Rongai, 5 km S: ROM: 1 [1] - Sokoke forest: WNMU: 1 [1] - Suam River: ROM: 4 [4] - Tambalal Falls: ROM: 6 [6] - Tana River: LACM: 2 [2] - Turkwell Gorge: ROM: 1 [1] - Voi, 30 km SE: ROM: 2 [2] - Wei Wei River: BMNH: 1, LACM: 4, ROM: 6 [11] - Yala river: BMNH: 5 [5 - 86].

Lesotho: Botsola [= Malealea]: NMB: 2 [2] - Marakabei: NMB: 2 [2] - Quthing: NMB: 7 [7] - Sehlabathebe National Park, small dam: NMB: 8 [8 - 19].

Liberia: West Nimba: KBIN: 1 [1 - 1].

Libya: Beida: NMW: 13 [13] - Quasr Shadane: NMW: 4 [4] - Wadi al Kuf [= Jabal Akhdar Mts]: NMP: 6 [6 - 23].

Madagascar: : MNHN: 1, TM: 2 [3] - "probably cate est": MCZ: 1 [1] - Ambahibe, cave [=Grotte d'Ambahibe]: FMNH: 5 [5] - Ambatobe, W slope mount: FMNH: 3 [3] - Ambositra: BMNH: 1 [1] - Andakaty, cave [=Grotte d'Andakaty]: FMNH: 8 [8] - Andavadrano: FMNH: 1 [1] - Andrafiabe Cave, forest near [=forêt près de la grotte d'Andrafiabe]: FMNH: 2 [2] - Anjajavy, 18.5 km S: FMNH: 2 [2] - Anjajavy, 26.5 km SW: FMNH: 3 [3] - Anjajavy, 3 km NE: FMNH: 7 [7] - Anjajavy, 4 km NE: FMNH: 1 [1] - Anjohitantly: UADBA: 3 [3] - Antafinimihakatra: UADBA: 1 [1] - Antanarivo [= Tananarive]: MCZ: 1 [1] - Antsironandoha Cave, west [=Ouest de la grotte d'Antsironandoha]: FMNH: 2 [2] - Bazaribe, cave [=Grotte de Bazaribe]: FMNH: 3 [3] - Beforona: MCZ: 1 [1] - Binara, forest [=Forêt de Binara]: FMNH: 1 [1] - Eastern Madagascar: MNHN: 4 [4] - Fort Carnot [=Ikongo]: MCZ: 1 [1] - Fort-Dauphin: BMNH: 1 [1] - Foulepoint and lake Alaoutre, between: MNHN: 4 [4] - Great forest of the East [=Grande forêt de l'Est]: MCZ: 1 [1] - Hiaraka: MNHN: 1 [1] - High Fanjahira, valley: MCZ: 6 [6] - Kianjavato: FMNH: 3 [3] - Madagascar: BMNH: 1, MNHN: 5 [6] - Mahabo: MNHN: 1 [1] - Mananara: MNHN: 1 [1] - Maroantsetra: MNHN: 1 [1] - Maroantsetra, 20 km SW: FMNH: 6, MNHN: 4 [10] - Marovaza: FMNH: 7 [7] - Marovony Forest: USNM: 2 [2] - Matsaborimadio, at edge of: FMNH: 1 [1] - Miari [probably Miary, near Tuléar]: MNHN: 1 [1] - near Diégo-Suarez: MCZ: 1 [1] - no specific locality: MNHN: 7, SMF: 1, ZMB: 1 [9] - Perinet [=Andasibe]: MNHN: 1, ROM: 1 [2] - Pointe a la Fievre: MNHN: 1 [1] - Rogez: MNHN: 2 [2] - Sambirano River, lower: MCZ: 2 [2] - Tamatave: ZMB: 1 [1] - Tamatave [=Toamasina]: MCZ: 2 [2] - Tanala: MCZ: 1 [1] - Vondrozo, cave N of: MCZ: 1 [1 - 122].

Madeira [Portugal]: Madeira Islands, Madeira Island: BMNH: 1 [1 - 1].

Malawi: Chiromo: BMNH: 2 [2] - Likabula mission: TM: 5 [5] - MacLear, cape: CM: 1 [1] - Nkhotakota [= Nkhota-Kota, Kota Kota, Kota-Korta]: KM: 9 [9] - Zomba Plateau: KM: 6 [6 - 23].

Malta: Malta: BMNH: 1 [1 - 1].

Mascarene Islands: Rodrigues Island: BMNH: 1 [1 - 1].

Mauritius: La Ronde: BMNH: 1 [1 - 1].

Morocco: Figuig: BMNH: 1 [1] - Goulimine: MNHN: 2 [2] - Kef-el-Rhar, cave [=Grotte de Kef-el-Rhar]: NMW: 1 [1] - Ksar-es-Souk: NMW: 10 [10] - Lead mine [=Mine de Plomb]: NMW: 1 [1] - Mogador: MNCN: 1 [1 - 16].

Mozambique: Beira: USNM: 1 [1] - Boror: BMNH: 2 [2] - Chozangalane [= Estatuane]: NHMZ: 1 [1] - Chicona, 14 mi ESE: USNM: 1 [1] - Dabacua Setache: NHMZ: 1 [1] - Gorongosa Mountain [= Gorongosa Mountain]: NHMZ: 3 [3] - Gruta Magochene: NHMZ: 9, ROM: 8 [17] - Mozambique: BMNH: 1 [1] - Mozambique Island: BMNH: 1 [1] - Nabauana River: NHMZ: 1 [1] - Nyaboa Caves: NHMZ: 2 [2] - Shupanga: BMNH: 1 [1] - Shupanga: BMNH: 1 [1] - Shupanga [=Chupanga]: BMNH: 2 [2] - Tete: BMNH: 1 [1] - Tete district: TM: 2 [2] - Zinave: NHMZ: 1 [1] - Zinave National Park: NHMZ: 1 [1] - Zinave, 2 km S: NHMZ: 1 [1 - 41].

Namibia: : KM: 3 [3] - Arnhem, 80 km E: TM: 5 [5] - Farm 397: TM: 1 [1] - Farm Kanaän: TM: 1 [1] - Farm Klein Aus 8: TM: 2 [2] - Farm Rheinvelds: TM: 3 [3] - Farm Sandfontein 468: KM: 13 [13] - Farm Zwartmodder 101: TM: 5 [5] - Helmeringshausen: TM: 1 [1] - Karochos: TM: 1 [1] - Kochina: TM: 1 [1] - Liebig's Ranch: TM: 2 [2] - Makuri pan, 9 km W: TM: 1 [1] - Nama pan [=Nama dam]: TM: 2 [2] - Namibia Desert Research Station [= DERU]: NHMZ: 11 [11] - Okahandja: SMF: 2 [2] - Ombu: AMNH: 1, TM: 16 [17] - Omega camp: TM: 1 [1] - Otjoro [=Otjihoro]: BMNH: 2 [2] - Otjonzondjupa: KM: 2 [2] - Quickborn: TM: 2 [2] - Ssannakanu village: KM: 8 [8] - Swartkop: TM: 4 [4] - Usakos: TM: 1 [1] - Witvlei: BMNH: 1 [1 - 92].

Nigeria: Abo: BMNH: 1 [1] - Araba: BMNH: 1 [1] - Asaba: BMNH: 1 [1] - Chappal Waddi: SMNS: 3, ZFMK: 1 [4] - Gangirwal: SMNS: 2, ZFMK: 2 [4] - Kabwir: BMNH: 1 [1] - Lagos: BMNH: 2 [2] - Leinde Fadali: SMNS: 2, ZFMK: 1 [3] - Old Calabar: BMNH: 1 [1] - Old Calabar river: BMNH: 1 [1] - Sokoto: BMNH: 1 [1] - West province: BMNH: 1 [1] - Yelwa: SMNS: 4, ZFMK: 4 [8 - 29].

Rwanda: Bagarura island: KBIN: 6 [6] - Bugoye-Kisenyi: RMCA: 3 [3] - Butare: RMCA: 46 [46] - Cyili: RMCA: 4 [4] - Gabiro: KBIN: 1, RMCA: 4 [5] - Gafumba: RMCA: 2 [2] - Gakoma: RMCA: 1 [1] - Gatera: RMCA: 2 [2] - Gisenyi: RMCA: 6 [6] - Gisovu: RMCA: 1 [1] - Karama-Kigali-Nuhulu road: RMCA: 1 [1] - Katjambura: RMCA: 1 [1] - Kayonza: RMCA: 1 [1] - Kibuye: RMCA: 9 [9] - Kidaho: RMCA: 5 [5] - Kigali: RMCA: 6 [6] - Kisenyi [=Gisenyi]: RMCA: 1 [1] - Mabanza: RMCA: 1 [1] - Muhazi, lake: RMCA: 4 [4] - Murunda: RMCA: 9 [9] - Musanse: KBIN: 10 [10] - Nyakibanda: RMCA: 12 [12] - Nyamata: RMCA: 4 [4] - Nyankokome: KBIN: 1 [1] - Nyarutovu: RMCA: 3 [3] - Nyundo: RMCA: 17 [17]

- Rubona: KBIN: 4, RMCA: 2 [6] - Rukira [=Rukara]: RMCA: 36 [36] - Rwankalo: KBIN: 1 [1] - Shangi: RMCA: 1 [1] - 205].

São Tomé and Príncipe: Generosa: MTB: 1 [1] - Praia das Conchas: EBD: 1 [1] - 2].

Saudi-Arabia: Al Muwaylih [=Mohila]: SMF: 1 [1] - 1].

Senegal: Bakel: BMNH: 1 [1] - Djoudj national park: MNHN: 1 [1] - Richard Toll: MNHN: 1 [1] - 3].

Seychelle Islands: Mahe Island: BMNH: 1 [1] - 1].

Sierra Leone: Bo School: HZM: 1 [1] - Makeni: BMNH: 1 [1] - no specific locality: BMNH: 2 [2] - Tasso Island: BMNH: 1 [1] - 5].

Somalia: Afmadu: MZUF: 2 [2] - Callis: MZUF: 3 [3] - Giohar: MZUF: 1 [1] - Mogadiscio: MSNM: 1 [1] - Ruspoli: BMNH: 1 [1] - Somalia: MZUF: 1 [1] - Taleh cave: MZUF: 10 [10] - Upper Sheikh: BMNH: 1 [1] - 20].

South Africa: : SAMC: 1, SRSITE: 1 [2] - "Cape of Good Hope" [=syn. "Kaap Goede Hoop"]: BMNH: 1 [1] - 5 km N Potgietersrus: TM: 2 [2] - Addington: DNSM: 1 [1] - Alma: TM: 2 [2] - Anthrax camp: TM: 6 [6] - Augrabies Falls National Park: MMK: 1 [1] - Augrabies Falls National Park, causway: MMK: 1 [1] - Baberton: TM: 1 [1] - Belvedere: NRM: 1 [1] - Blaney Nature Reserve: BMNH: 1 [1] - Blyderivierspoort Nature Reserve, Bourkes Luck: TM: 2 [2] - Bonamanzi Game Reserve: DNSM: 2 [2] - Brakkloof: TM: 1 [1] - Brandfort: TM: 5 [5] - Cape Town, 200 mi [=322 km] E: BMNH: 2 [2] - Cape Vidal: DNSM: 1 [1] - Cederberg, Algeria State Forest, campsite: SAMC: 5, TM: 2 [2] - Cederberg, Pakhuis Pass, Kliphuis camp site: SAMC: 2 [2] - Cowies Hill: DNSM: 1 [1] - Culling camp: TM: 4 [4] - Danielskuil: MMK: 2 [2] - De Hoek, Skeleton Cave: TM: 6 [6] - Dukuduku Forest: TM: 2 [2] - Durban: BMNH: 2, DNSM: 9 [11] - Durban North: DNSM: 1 [1] - Durban, 108 Bowen Avenue: DNSM: 1 [1] - East London: TM: 1 [1] - Epping Crescent: DNSM: 1 [1] - False Bay Park: DNSM: 1 [1] - Farm Aasvogelrand-Oost 291: NMB: 9 [9] - Farm Buffel Rivier Poort: KM: 5 [5] - Farm Deelfontein: BMNH: 1 [1] - Farm Faust 743: TM: 1 [1] - Farm Florisbad 686: NMB: 18 [18] - Farm Gouna: KM: 6 [6] - Farm Helena 780: NMB: 1 [1] - Farm Kersefontein [=Berg River]: DNSM: 8, TM: 3 [11] - Farm Makapansgat, Makapan cave: TM: 15 [15] - Farm Makapansgat, Pepercorn's cave: TM: 29 [29] - Farm Narap: TM: 2 [2] - Farm Nydas [=Cnydas]: TM: 1 [1] - Farm Ratsegaaai 204: TM: 14 [14] - Farm Regina 68 [=V.L.N.R.]: TM: 1 [1] - Farm Rietfontein, pt 16: TM: 1 [1] - Farm Rotspruit: TM: 3 [3] - Farm Schaaplaas 1785: NMB: 2 [2] - Farm Secheil's Oude Stad 6: TM: 1 [1] - Farm Tygerkloof 354: TM: 3 [3] - Farm Uitkyk: TM: 1 [1] - Farm Welgedaan 292: TM: 10 [10] - Farm Wonderfontein 103IQ: TM: 1 [1] - Farm Wonderfontein 103IQ, Wonderfontein Cave: TM: 2 [2] - Farm Zeekoegats Drift: KM: 5 [5] - Fig Tree Camp: TM: 1 [1] - Figtree camp: TM: 3 [3] - Figtree forest: TM: 2 [2] - Figtree forest, 4.8 km down stream of bridge: TM: 2 [2] - Folderia: TM: 2 [2] - Fort Hoek Trading store: SAMC: 2 [2] - Fram Middelwater 750: NMB: 9 [9] - Game Valley Estates: DNSM: 1 [1] - Ganyesa: MMK: 1 [1] - Garsfontein: TM: 1 [1] - Goodhouse: KM: 8 [8] - Grahamstown: TM: 3, USNM: 3 [6] - Groendal Wilderness Area: TM: 2 [2] - Harold Johnson Nature Reserve: DNSM: 1 [1] - Harrismith: TM: 1 [1] - Harrismith district: TM: 1 [1] - Hatfield: TM: 1 [1] - Hathaway: DNSM: 1 [1] - Hectorspruit: TM: 1 [1] - Hells Gate: DNSM: 10 [10] - Hennops River: TM: 3 [3] - Hillary, Hillary School: DNSM: 1 [1] - Hillcrest, off Falcon Road: DNSM: 1 [1] - Hluhluwe Game Reserve: NM: 1 [1] - Hluhluwe Game Reserve, Research camp: TM: 1 [1] - Hoedspruit: TM: 1 [1] - Horo: TM: 1 [1] - Ingwavuma: TM: 1 [1] - Interior of Caffraria: BMNH: 1, RMNH: 1 [2] - Ipheva camp site: DNSM: 4 [4] - Irene: TM: 2 [2] - Itala Game Reserve, sandstone cave: TM: 12 [12] - Jagersfontein Commonage, Disused mine: NMB: 44 [44] - Jamestown: NMB: 5 [5] - Johannesburg: TM: 1 [1] - John Nash Nature Reserve [=Jack Scott Private Nature Reserve], American cave: TM: 1 [1] - Kabbefontein: TM: 1 [1] - Kaffraria: KM: 1 [1] - Kaggasmoudt: KM: 4 [4] - Kalahari Gemsbok National Park, Marie se Gat: TM: 18 [18] - Kalahari Gemsbok National Park, Mata Mata camp: MMK: 2 [2] - Karoo National Park: TM: 2 [2] - King William's Town: KM: 15 [15] - King Williamstown: KM: 5 [5] - Kloof Falls Road/ Bridle Road picnic site: DNSM: 1 [1] - Knysna: TM: 11 [11] - Kosi Bay: DNSM: 1 [1] - Kosi Lake, Department of Health Camp: TM: 2 [2] - Krabbefontein: TM: 4 [4] - Kranskloof Nature Reserve: TM: 1 [1] - Kruger National Park: TM: 12 [12] - Kuruman: BMNH: 1 [1] - La Montagne, 280 Rotsygie Street: TM: 1 [1] - Letaba Camp: TM: 2 [2] - Levuvhu hippo pool: TM: 26 [26] - Logogotu [=Legogot]: BMNH: 3 [3] - Loteni Nature Reserve: DNSM: 12 [12] - Lydenburg Krantz: TM: 7 [7] - Lynnwood Glen, Delaware Street: TM: 1 [1] - Magoesklouf: TM: 1 [1] - Makalali: TM: 1 [1] - Malelane: DNSM: 2, TM: 3 [5] - Malvern: TM: 5 [5] - Malvern, 1 Rindle Road: DNSM: 1 [1] - Manxeba [=Maxeba] windmill: TM: 1 [1] - Manzengwenya Forest Station: TM: 4 [4] - Mariepskop Research Station: TM: 5 [5] - Matitobe dam: TM: 1 [1] - Mockford's garden: TM: 12 [12] - Mogale City [=Krugersdorp]: BMNH: 2 [2] - Mokeetsi: TM: 1 [1] - Molopo Nature Reserve, swimming tank: MMK: 2 [2] - Mooi River district: NM: 3 [3] - Murraysburg, NW of: KM: 16 [16] - Ndumu Game Reserve: TM: 5 [5] - near Port Natal [=Durban]: BMNH: 2 [2] - near Stutterheim: TM: 1 [1] - Nelspruit: TM: 3 [3] - New figtree forest: TM: 6 [6] - New Hanover school: DNSM: 1 [1] - New Mucklenuek, 351 Rey Street: TM: 1 [1] - Ngome Forest Reserve: TM: 10 [10] - Ngqeleni: TM: 1 [1] - Old picnic site: TM: 9 [9] - Olifants River: MMK: 2 [2] - Omdraaivlei: TM: 1 [1] - Orange River confluence: BMNH: 1 [1] - Orange River, near south bank: SAMC: 1 [1] - Oribi Gorge Nature Reserve: TM: 1 [1] - Pafuri: TM: 19 [19] - Park Rynie: DNSM: 1 [1] - Picnic site: TM: 1 [1] - Pietermaritzburg: SMF: 5, TM: 1 [6] - Pietersburg: TM: 2 [2] - Pigeon Valley: TM: 1 [1] - Point Caravan Park: DNSM: 1 [1] - Pongolapoort Dam [=Pongola dam], dams inspection tunnels: DNSM: 1 [1] - Port Shepstone, 48 km NE: CM: 1 [1] - Port St. Johns: SAMC: 1, TM: 7 [8] - Potchefstroom: TM: 1 [1] - Pretoria: TM: 4 [4] - Pretoria Zoo: TM: 1 [1] - Punda Maria Camp: TM: 1 [1] - Qwa-Qwa National Park: NMB: 1 [1] - Renishaw: DNSM: 1 [1] - Rhenosterkoppies: TM: 5 [5] - Rockcliff farm: TM: 1 [1] - Roodevaal Private Camp, 2 km SE: TM: 2 [2] - Royal Natal National Park: DNSM: 3 [3] - Sabie: TM: 1 [1] - Sabie River: TM: 2 [2] - Sabie river bank: TM: 2 [2] - Satara rest camp: TM: 2 [2] - Satara, 8 km E, old bridge over Nwanedzi River: TM: 1 [1] - SE Elandsbaai, Farm Groote Drift: KM: 6 [6] - Shepston Nature Reserve: TM: 1 [1] - Shingwedzi camp: TM: 5 [5] - Skukuza staff village: TM: 2 [2] - Skukuza, 1.5 km NW, Dense woodland upper reaches of Western Water Reservoir: TM: 1 [1] - Smithfield: NMB: 1 [1] - Sobhengu Lodge: DNSM: 1 [1] - South Africa: BMNH: 1 [1] - Spioenkop Nature Reserve: TM: 1 [1] - Spring Grove: NM: 3 [3] - St. Lucia: DNSM: 1, TM: 1 [2] - Stilbaai: TM: 7 [7] - Sudwala Cave: TM: 1 [1] - Suikerbosrand [=Suikerboschrand] Nature Reserve: DNSM: 1 [1] - Sunnyside: TM: 1 [1] - Sunnyside, 34 Palmcourt South: TM: 1 [1] - Swartkop: TM: 1 [1] - Tembe: TM: 2 [2] - Transvaal: BMNH: 1 [1] - Tzaneen Estate: TM: 1 [1] - Tzaneen Government Estate: TM: 1 [1] - Umhlatusi River: TM: 1 [1] - Umkomaas: BMNH: 3 [3] - Umlalazi Nature Reserve: TM: 1 [1] - Vrededor Road: BMNH: 2 [2] - Vrolijkheid Nature Reserve: DNSM: 6 [6] - Vuma farm: DNSM: 5 [5] - Warmbaths: TM: 1 [1] - Waterberg district, Gattis koppies: BMNH: 1 [1] - Waterberg, Farm Klipfontein 54JS: TM: 15 [15] - Waterberg, Rooiberg: ROM: 2 [2] - Weenen Nature Reserve: DNSM: 1 [1] - Westriding, 22 Ashley Road: DNSM: 1 [1] - Wilro Park: TM: 1 [1] - Witwatersrand, Langlaagte: TM: 1 [1] - WNLA Dam: TM: 5 [5] - Wonderwerk Cave: MMK: 4 [4] - Yellowwood Park: DNSM: 1 [1] - 751].

Spain: Foyos: MNCN: 1 [1] - 1].

Sudan: : BMNH: 1 [1] - 5th cataract of the Nile: BMNH: 1 [1] - Bongo: SMNS: 1 [1] - Erkovit: BMNH: 2 [2] - Jebel el Funj: BMNH: 1 [1] - Jebel Marra, S foothills: BMNH: 1 [1] - Kadugli: SMF: 13 [13] - Kordofan: SMF: 1 [1] - Nubia:

RMNH: 1 [1] - Sennaar: NMW: 1 [1] - West Nzara: SMF: 2 [2] - Yambio: ROM: 2 [2] - Yei: SMF: 1 [1] - 28].
 Swaziland: : DNSM: 2 [2] - Malolotja Game Reserve: TM: 1 [1] - Maloma Primary School: TM: 1 [1] - Mbabane: TM: 1 [1] - Mkhaya: TM: 1 [1] - Nsoko [=Forbes Ranch]: TM: 3 [3] - Our Lady of Sorrows: TM: 2 [2] - 11].
 Tanzania: Amani: TM: 2, ZMB: 3 [5] - Ambangulu Estates: ZMB: 3 [3] - Bagamoyo: ZMB: 2, ZMH: 1 [3] - Dar es Salaam: BMNH: 1 [1] - Dar-es-Salaam: ZMB: 5 [5] - Kibandio island: ZMB: 1 [1] - Kisarawe: ZFMK: 1 [1] - Lake Manyara National Park: SMF: 1 [1] - Liwale: BMNH: 3 [3] - Lugerungjere river: ZMB: 1 [1] - Matumbi-Berge [=Matumbi Highlands]: ZMB: 3 [3] - Mazumbai Forest Reserve: SMF: 1 [1] - Ndala River: HZM: 3 [3] - Ngorongoro: TM: 1 [1] - Pangani Falls: ZMB: 1 [1] - Tanga district 2: SMF: 1 [1] - Tanzania: SMF: 1 [1] - Ugano Plantation: NMW: 1 [1] - Ukami Mts: ZMB: 1 [1] - Uto farm: ZMZ: 1 [1] - Wembere river: ZMB: 2 [2] - Zanzibar: BMNH: 2, ZMB: 4 [6] - 46].
 The Gambia: Banjul: BMNH: 1 [1] - no specific locality: BMNH: 1 [1] - 2].
 Togo: Anonoe: RMCA: 2 [2] - Atakpamé: RMCA: 1 [1] - Borgou: RMCA: 1 [1] - Ezimé: RMCA: 1 [1] - Nanergou: RMCA: 37 [37] - no specific locality: ZMB: 2 [2] - Paio: RMCA: 1 [1] - Togo: RMCA: 6 [6] - 51].
 Tunisia: Douirat: BMNH: 5 [5] - Glong, Jebel: ZMB: 1 [1] - Tunis: ZMB: 1 [1] - 7].
 Uganda: Bunyoro: LACM: 1, ROM: 2 [3] - Entebbe: BMNH: 1, RMCA: 1 [2] - Impenetrable Forest: LACM: 1 [1] - Kampala: BMNH: 1, USNM: 3 [4] - Mubuku Valley: BMNH: 1 [1] - no specific locality: ZMB: 1 [1] - Ntandi: LACM: 1 [1] - Toro: MIZT: 1 [1] - Uganda: SMF: 1 [1] - Victoria Nyanza [=Lake Victoria]: SMF: 1 [1] - Yumbe: ZMB: 1 [1] - 17].
 Unknown Country: : BMNH: 15, DNSM: 3, FMNH: 1, HZM: 26, KM: 1, MHNC: 1, MMK: 54, MNHN: 1, NHMZ: 42, NMB: 4, RMCA: 25, SAMC: 22, SMF: 35, SMG: 24, SNP: 1, TM: 201, UADBA: 1, UCT: 1 [458] - Kubondo: ZMB: 1 [1] - 459].
 Zambia: Balovale: KM: 18 [18] - Chilanga: NHMZ: 1 [1] - Chilanga Caves: NHMZ: 8 [8] - Chipengali area: NHMZ: 5 [5] - Chipongwe Cave: NHMZ: 2 [2] - Chitau: AMNH: 1 [1] - Fort Jameson: KM: 1, NHMZ: 13 [14] - Fort Jameson district: NHMZ: 1 [1] - Jembe: NHMZ: 1 [1] - Kabompo [=Kabompo boma]: NHMZ: 9 [9] - Kabompo, near: NHMZ: 1 [1] - Kafue Gorge: NHMZ: 5 [5] - Kalichero: NHMZ: 4 [4] - Kalomo: TM: 1 [1] - Livingston [1752S 2551E] and Lochinvar [1551S 2714E], between: NHMZ: 1 [1] - Lochinvar Kafue Flats: NHMZ: 2 [2] - Luambe Game Camp: NHMZ: 5 [5] - Luangwa River: LACM: 1, NHMZ: 1 [2] - Luanshya, 6 mi S: HZM: 3, NZM: 1 [4] - Mandala Camp: NHMZ: 1 [1] - Mfuwe Game Camp: BMNH: 5, NHMZ: 7 [12] - Missale Customs Post: NHMZ: 1 [1] - Missale Old Mine: BMNH: 4, NHMZ: 33 [37] - Mporokoso: KM: 2 [2] - Mwinilunga: AMNH: 1 [1] - Ndola: BMNH: 2, HZM: 1 [3] - Ngwerere cave: ROM: 1 [1] - Nsefu Game Camp: NHMZ: 2 [2] - Pwira Pan: NHMZ: 1 [1] - Reitfontein: NMZL: 1 [1] - Salujinga: BMNH: 2 [2] - Sasare Old Mine: NHMZ: 17 [17] - Solwezi: HZM: 4, NHMZ: 4 [8] - Sunza [=Sunzu] Mountain: KM: 1 [1] - Zambezi [= Balovale]: AMNH: 9 [9] - 184].
 Zimbabwe: Harare [=Salisbury]: TM: 1 [1] - Harare [=Salisbury], Thornpark: NHMZ: 6 [6] - 7].
 Zimbabwe: : HZM: 1, MMK: 1, NHMZ: 2, TM: 1 [5] - Ada Estates: NHMZ: 4 [4] - Baruri Gorge: NHMZ: 2 [2] - Bashungwe Cave: NHMZ: 1 [1] - Batoka Gorge: NHMZ: 1 [1] - Bezwe river: TM: 1 [1] - Bulawayo: NHMZ: 10 [10] - Bulawayo, 20 km N: NHMZ: 1 [1] - Bumbusie Gorge: NHMZ: 1 [1] - Chete Safari Area, Eastern Section: NHMZ: 2 [2] - Chikupo Caves: TM: 2 [2] - Chikupu Caves: NHMZ: 30, ROM: 6 [36] - Chikwarakwara: NHMZ: 13 [13] - Chikwarakwara Irrigation Scheme: NHMZ: 3 [3] - Chimanda CL: NHMZ: 2 [2] - Chingamwe Estates, ZTA Cottage: DNSM: 1 [1] - Chinoyi Caves: HZM: 1, NHMZ: 2 [3] - Chipinda Pools: NHMZ: 2 [2] - Chiredzi: NHMZ: 2 [2] - Chiredzi, 24 km E: NHMZ: 2 [2] - Chirinda forest: TM: 2 [2] - Chirisa Cave: NHMZ: 4 [4] - Chitove Tsetse Camp: NHMZ: 1 [1] - Chivi Communal Land: NHMZ: 3 [3] - Cotswold farm: NHMZ: 1 [1] - Dawn Hill Mine: NHMZ: 1 [1] - Deka, Zambezi confluence: HZM: 1 [1] - Dete: NHMZ: 1 [1] - Dinosaur Trackway: NHMZ: 1 [1] - Dumbu Pan: NHMZ: 3 [3] - Eirene farm: NHMZ: 5 [5] - Falcon College: NHMZ: 2 [2] - Falcon College, Bushtick Mine: NHMZ: 96 [96] - Fort Rixon: NHMZ: 6 [6] - Francis Town, 20 km N: NHMZ: 1 [1] - Frog Mine: NHMZ: 8 [8] - Gatshe Gatshe Bay: NHMZ: 6 [6] - Gordon Park: NHMZ: 3 [3] - Great Zimbabwe: NHMZ: 38 [38] - Great Zimbabwe, Garden Cave: ROM: 5 [5] - Guluene Corridor South: NHMZ: 23 [23] - Gwayi River, 1 km N: NHMZ: 1 [1] - Gwingingwi farm: NHMZ: 1 [1] - Happy Valley Farm: ROM: 27 [27] - Harare: HZM: 1, NHMZ: 22 [23] - Harare Centre: NHMZ: 2 [2] - Harare, 19 km NW: NHMZ: 1 [1] - Harare, Borrowdale Brook: NHMZ: 1 [1] - Harare, Christon Bank: NHMZ: 1 [1] - Harare, Civic Centre: NHMZ: 1 [1] - Harare, Cranborne: NHMZ: 1 [1] - Hostes Nicoll Research Institute: NHMZ: 1 [1] - Hoya River Camp: NHMZ: 2 [2] - Hwange National Park, Main Camp: NHMZ: 1 [1] - Ingwe Mine: NHMZ: 5 [5] - Kabuba Camp: NHMZ: 2 [2] - Kanyemba: NHMZ: 1 [1] - Kariba: NHMZ: 3 [3] - Kariba, island in: NHMZ: 1 [1] - Kariba, lake: NHMZ: 2 [2] - Karna Block Ranch: NHMZ: 1 [1] - Katombora Rapids: NHMZ: 30 [30] - Kaukua Cave: NHMZ: 2 [2] - Lion and Cheetah Park: TM: 2 [2] - Lunare valley: NHMZ: 1 [1] - Lunzi River: BMNH: 1 [1] - Lusulu Tsetse Station: NHMZ: 4 [4] - Lutope-Ngolongola River confluence: NHMZ: 1 [1] - Malalanta Camp: NHMZ: 1 [1] - Malalauta Camp: NHMZ: 1 [1] - Mabura 1 Cave: NHMZ: 82 [82] - Mabura 2 Cave: NHMZ: 1 [1] - Magurazino River: NHMZ: 1 [1] - Malapati Nuanetsi River: NHMZ: 1 [1] - Malilangwe Conservancy [=Lone Star Ranch]: NHMZ: 3 [3] - Mana Pools National Park: TM: 8 [8] - Manyima River: NHMZ: 15 [15] - Manzituba: NHMZ: 3 [3] - Marondera: NHMZ: 1 [1] - Marondera, Eirene farm: NHMZ: 1 [1] - Marymont mission: NHMZ: 1 [1] - Matema Camp: NHMZ: 3 [3] - Matusadona: NHMZ: 1 [1] - Mazoe: NHMZ: 1 [1] - Mchesu River: NHMZ: 1 [1] - Mcllwaine, lake: NHMZ: 3 [3] - Monavale: NHMZ: 1 [1] - Msitwe and Mtoroshanga rivers, confluence: NHMZ: 1 [1] - Mtshavezi valley: NHMZ: 1 [1] - Munyati: NHMZ: 1 [1] - Munyati, Rhino [=Chimisoro] Cave: NHMZ: 4 [4] - Mushandike National Park: NHMZ: 1 [1] - Mutare: NHMZ: 54, ROM: 37 [91] - Mutare Asbestos Mine: NHMZ: 30 [30] - Mutare, 15 km W: NHMZ: 10 [10] - Muzarabani Clinic: NHMZ: 17 [17] - Muzveve Communal Land: NHMZ: 4 [4] - Mvurwi: NHMZ: 2 [2] - N'dola: BMNH: 1 [1] - Ngamo Pan: NHMZ: 1 [1] - Nwanetsi: TM: 3 [3] - Nyadiri River: NHMZ: 1 [1] - Nyadiri River, near bridge: NHMZ: 1 [1] - Nyamandhlovu: NHMZ: 8 [8] - Nyamepi Camp: NHMZ: 1 [1] - Nyandia Dam: NHMZ: 4 [4] - Nyashato Dam: NHMZ: 18 [18] - Nyazura: NHMZ: 1 [1] - Odzi: NHMZ: 1 [1] - Odzi district: BMNH: 1 [1] - Peak Mine: NHMZ: 1 [1] - Penhalonga: NHMZ: 2 [2] - Pungwe-Ruva confluence: NHMZ: 1 [1] - Quagg's Hoek: NHMZ: 1 [1] - Redrups Kop Mine: NHMZ: 2 [2] - Rhodes Inyanga National Park: TM: 2 [2] - Rupisi Hot Spring: NHMZ: 2 [2] - Rusito Forest: NHMZ: 1, TM: 6 [7] - Sanyati West Camp: NHMZ: 1 [1] - Save River: NHMZ: 1 [1] - Save Valley: NHMZ: 2 [2] - Sebakwe River: NHMZ: 1 [1] - Sengwa Wildlife Research Station: NHMZ: 17, ROM: 32, TM: 32 [81] - Sentinal Ranch: NHMZ: 14, TM: 2 [16] - Sentinel Ranch: NHMZ: 33 [33] - Shamva, 48 km NE: NHMZ: 2 [2] - Shangani River: NHMZ: 2 [2] - Shashe: NHMZ: 1 [1] - Shinda Estates: NHMZ: 1 [1] - Shurugwi: NHMZ: 5 [5] - Singerer Hills: NHMZ: 6, ROM: 1 [7] - Sohwe River: NHMZ: 1 [1] - Strickland Lodge: NHMZ: 1 [1] - Tanganda Bridge: NHMZ: 1 [1] - Tashinga: NHMZ: 3 [3] - Triangle, MacDougall's Tunnel: NHMZ: 1 [1] - Tsungwesi Gauno Cave: NHMZ: 14 [14] - Tuli Camp: NHMZ: 26 [26] - Umtali mine adit [=Umtali Old mine]: DNSM: 1 [1] - Victoria Falls: NHMZ: 6 [6] - Volunteer farms: NHMZ: 7 [7] - Wallaby Claims: NHMZ: 1 [1] - Warren Hills: NHMZ: 1 [1] - Wildwood Sanctuary: NHMZ: 1 [1] - Willow Park: NHMZ: 9 [9] - 1000 - 3821].
17 July 1838: Botswana: Artesia: ZFMK: 1 [1] - 1 - 1].
4 April 1839: The Gambia: Gambia river: BMNH: 1 [1] - 1 - 1].
27 November 1843: South Africa: Tugela river: NRM: 1 [1] - 1 - 1].

- 9 September 1889:** Tanzania: "Mosambiro", but actually Usambiro: BMNH: 1 [1 - 1 - 1].
1 April 1891: Angola: Ambriz: RMNH: 1 [1 - 1 - 1].
28 September 1896: South Africa: Albany district: SAMC: 1 [1 - 1 - 1].
6 July 1897: Gabon: Como River: BMNH: 1 [1 - 1 - 1].
25 March 1898: South Africa: Lydenburg Krantz: TM: 1 [1 - 1 - 1].
29 April 1898: Madagascar: Mahabo [62 locs]: MNHN: 1 [1 - 1 - 1].
19 May 1898: Madagascar: Tulear, near... St: MNHN: 1 [1 - 1 - 1].
9 January 1899: Ghana: Gambaga: BMNH: 1 [1 - 1 - 1].
25 March 1900: South Africa: Lydenburg: TM: 1 [1 - 1 - 1].
5 June 1900: Mozambique: Beira: TM: 1 [1 - 1 - 1].
24 June 1902: South Africa: Port St Johns: BMNH: 1 [1 - 1 - 1].
25 June 1902: South Africa: Port St Johns: BMNH: 1 [1 - 1 - 1].
3 April 1905: South Africa: Knysna: BMNH: 1, TM: 1 [2 - 2 - 2].
7 April 1907: South Africa: Louw's Creek: TM: 1 [1 - 1 - 1].
26 April 1907: South Africa: Farm Wonderfontein 103IQ: TM: 1 [1 - 1 - 1].
1 May 1907: South Africa: Pretoria: TM: 2 [2 - 2 - 2].
12 August 1907: South Africa: Potchefstroom: TM: 2 [2 - 2 - 2].
10 September 1907: Mozambique: Muchena: TM: 1 [1 - 1 - 1].
23 October 1907: South Africa: Tzaneen Estate: TM: 2 [2 - 2 - 2].
5 January 1908: South Africa: Malvern: TM: 1 [1 - 1 - 1].
12 January 1908: South Africa: Malvern: TM: 1 [1 - 1 - 1].
27 March 1908: South Africa: Ngqeleni: TM: 1 [1 - 1 - 1].
30 March 1908: South Africa: Sabie: TM: 1 [1 - 1 - 1].
26 April 1908: Mozambique: Beira: TM: 2 [2] - Zimbiti: TM: 1 [1 - 3 - 3].
2 May 1908: Mozambique: Beira: TM: 1 [1 - 1 - 1].
14 May 1908: Mozambique: Beira: TM: 1 [1 - 1 - 1].
27 July 1908: Nigeria: Yola: BMNH: 1 [1 - 1 - 1].
23 August 1908: South Africa: Ngqeleni: TM: 1 [1 - 1 - 1].
27 October 1908: Mozambique: Norture Boror: TM: 1 [1 - 1 - 1].
5 December 1908: South Africa: Malvern: TM: 1 [1 - 1 - 1].
11 February 1909: South Africa: Knysna: TM: 2 [2 - 2 - 2].
18 February 1909: South Africa: Knysna: TM: 1 [1 - 1 - 1].
26 April 1909: South Africa: Modderfontein: TM: 1 [1 - 1 - 1].
7 December 1909: South Africa: Port St. Johns: TM: 1 [1 - 1 - 1].
27 January 1910: South Africa: Pretoria: TM: 1 [1 - 1 - 1].
28 January 1910: South Africa: Hectorspruit: TM: 1 [1 - 1 - 1].
30 January 1910: South Africa: Hectorspruit: TM: 3 [3 - 3 - 3].
1 February 1910: South Africa: Hectorspruit: TM: 1 [1 - 1 - 1].
9 February 1910: South Africa: Hectorspruit: TM: 1 [1 - 1 - 1].
17 February 1910: Mozambique: Maputo: TM: 1 [1 - 1 - 1].
1 June 1910: Madagascar: Rodo valley: MCZ: 1 [1 - 1 - 1].
23 December 1910: South Africa: Port St. Johns: TM: 2 [2 - 2 - 2].
4 February 1911: South Africa: Farm Makapansgat, Makapan cave: TM: 2 [2 - 2 - 2].
9 February 1911: South Africa: Hectorspruit: TM: 1 [1 - 1 - 1].
20 March 1911: Kenya: Luazomela: NRM: 1 [1 - 1 - 1].
12 April 1911: South Africa: Pretoria: TM: 2 [2 - 2 - 2].
8 May 1911: South Africa: Baberton: TM: 1 [1 - 1 - 1].
18 September 1911: South Africa: Hectorspruit: TM: 3 [3 - 3 - 3].
23 November 1911: Unknown Country: Jala plains: BMNH: 1 [1 - 1 - 1].
10 December 1911: South Africa: Hectorspruit: TM: 3 [3 - 3 - 3].
13 December 1911: Congo (Democratic Republic of the): Aba: TM: 1 [1 - 1 - 1].
20 December 1911: South Africa: Inkomati River: TM: 4 [4 - 4 - 4].
29 August 1912: South Africa: Pretoria: TM: 1 [1 - 1 - 1].
30 October 1912: Congo (Democratic Republic of the): Avakubi: BMNH: 1 [1 - 1 - 1].
23 November 1912: South Africa: Hectorspruit: TM: 1 [1 - 1 - 1].
1 November 1913: Algeria: road between Sétif and Annaba: ZFMK: 2 [2 - 2 - 2].
17 November 1913: South Africa: Insusie Valley: TM: 1 [1 - 1 - 1].
16 January 1914: South Africa: Pietersburg, farm near: TM: 1 [1 - 1 - 1].
3 June 1914: South Africa: Baberton: TM: 1 [1 - 1 - 1].
16 January 1915: South Africa: Griffin mine: TM: 1 [1 - 1 - 1].
17 January 1915: South Africa: Leydsdorp: TM: 1 [1 - 1 - 1].
25 January 1915: South Africa: Gravelotte Mine: TM: 21 [21 - 21 - 21].
29 January 1915: South Africa: Gravelotte Mine: TM: 2 [2 - 2 - 2].
5 March 1915: South Africa: Pretoria: TM: 1 [1 - 1 - 1].
11 March 1915: South Africa: Pretoria: TM: 1 [1 - 1 - 1].
26 April 1915: South Africa: Farm Mooimijiesfontein: TM: 1 [1 - 1 - 1].
20 May 1915: South Africa: Farm Mooimijiesfontein: TM: 1 [1 - 1 - 1].
26 May 1915: South Africa: Farm Mooimijiesfontein: TM: 2 [2 - 2 - 2].
27 May 1915: South Africa: Farm Mooimijiesfontein: TM: 1 [1 - 1 - 1].
28 May 1915: South Africa: Farm Mooimijiesfontein: TM: 1 [1 - 1 - 1].
29 May 1915: South Africa: Farm Mooimijiesfontein: TM: 2 [2 - 2 - 2].
21 July 1915: Mozambique: Mazambo: TM: 1 [1] - Mazambo: TM: 1 [1 - 2 - 2].
3 August 1915: Mozambique: Guya: TM: 1 [1 - 1 - 1].
1 December 1915: Madagascar: Tananarive: MCZ: 1 [1 - 1 - 1].
26 March 1916: South Africa: Buffelsdraai: TM: 1 [1 - 1 - 1].
3 April 1916: South Africa: Farm Rietfontein: TM: 1 [1 - 1 - 1].

- 23 May 1916:** Swaziland: Piggs Peak: TM: 2 [2 - 2 - 2].
29 May 1916: Swaziland: Wyldesdale: TM: 2 [2 - 2 - 2].
31 May 1916: South Africa: Horo: TM: 1 [1 - 1 - 1].
2 August 1916: South Africa: Mooivlei: TM: 1 [1 - 1 - 1].
15 August 1916: South Africa: Mooivlei: TM: 1 [1 - 1 - 1].
20 January 1917: Tanzania: Myaiai: TM: 1 [1 - 1 - 1].
8 February 1917: Tanzania: Dar-es-Salaam: TM: 1 [1 - 1 - 1].
11 February 1917: South Africa: Leydsdorp: TM: 1 [1 - 1 - 1].
30 March 1917: South Africa: Venterskroon: TM: 10 [10 - 10 - 10].
5 June 1917: South Africa: Fountains: TM: 3 [3] - Fountains Valley: TM: 1 [1 - 4 - 4].
6 June 1917: South Africa: Irene: TM: 4 [4 - 4 - 4].
9 June 1917: South Africa: Farm Baviaanspoort: TM: 7 [7 - 7 - 7].
14 June 1917: South Africa: Schurweberg: TM: 5 [5] - Wolvegatten: TM: 1 [1 - 6 - 6].
24 July 1917: South Africa: Tweespruit: TM: 5 [5 - 5 - 5].
1 September 1917: South Africa: Farm Baviaanspoort: TM: 1 [1 - 1 - 1].
16 September 1917: South Africa: Lormarins: TM: 1 [1 - 1 - 1].
29 September 1917: South Africa: Klaver: TM: 1 [1 - 1 - 1].
30 September 1917: South Africa: Klaver: TM: 1 [1 - 1 - 1].
4 October 1917: South Africa: Klaver: TM: 3 [3 - 3 - 3].
4 November 1917: South Africa: Klaver: TM: 1 [1 - 1 - 1].
21 November 1917: South Africa: Berg River: TM: 4 [4] - Farm Kersefontein [=Berg River]: TM: 1 [1 - 5 - 5].
12 October 1918: Namibia: Namutoni: TM: 1 [1 - 1 - 1].
30 March 1919: South Africa: Venterskroon: TM: 2 [2 - 2 - 2].
2 April 1919: Namibia: Namutoni: TM: 1 [1 - 1 - 1].
17 December 1919: South Africa: Potgietersrus: TM: 1 [1 - 1 - 1].
31 December 1919: South Africa: Garsfontein: TM: 32 [32 - 32 - 32].
16 February 1920: South Africa: Garsfontein: TM: 7 [7 - 7 - 7].
19 March 1920: South Africa: Baberton: TM: 3 [3 - 3 - 3].
20 March 1920: South Africa: Baberton: TM: 2 [2] - Malelane: TM: 1 [1] - Potgietersrus: TM: 1 [1 - 4 - 4].
23 March 1920: South Africa: Baberton: TM: 2 [2 - 2 - 2].
26 March 1920: South Africa: Louw's Creek: TM: 1 [1 - 1 - 1].
28 March 1920: South Africa: Louw's Creek: TM: 12 [12] - Louw's Creek, Imperial Mine: TM: 4 [4 - 16 - 16].
29 March 1920: South Africa: Louw's Creek: TM: 2 [2 - 2 - 2].
30 March 1920: South Africa: Malelane: TM: 12 [12 - 12 - 12].
27 May 1920: South Africa: Nelspruit: TM: 1 [1 - 1 - 1].
30 November 1920: South Africa: Malelane: TM: 1 [1 - 1 - 1].
16 April 1921: South Africa: Knysna: TM: 1 [1 - 1 - 1].
1 May 1921: South Africa: Farm Mokeetsi 376: TM: 2 [2] - Pietersburg: TM: 2 [2 - 4 - 4].
1 November 1921: South Africa: Garsfontein: TM: 10 [10 - 10 - 10].
24 November 1921: South Africa: Farm Uitkomst: TM: 4 [4 - 4 - 4].
25 November 1921: South Africa: Pretoria North: TM: 1 [1 - 1 - 1].
11 December 1921: South Africa: Brooklyn: TM: 2 [2 - 2 - 2].
6 January 1922: South Africa: Farm Mokeetsi 376: TM: 1 [1] - Soutpansberg: TM: 1 [1 - 2 - 2].
12 March 1922: South Africa: Brooklyn: TM: 1 [1 - 1 - 1].
26 April 1922: South Africa: Koster Cave: TM: 1 [1 - 1 - 1].
6 May 1922: South Africa: Farm Mokeetsi 376: TM: 1 [1] - Mokeetsi: TM: 1 [1 - 2 - 2].
8 May 1922: South Africa: Mokeetsi: TM: 1 [1 - 1 - 1].
16 June 1922: South Africa: Ntambanana: TM: 1 [1 - 1 - 1].
18 June 1922: South Africa: Umfolozi Game Reserve: TM: 1 [1 - 1 - 1].
19 June 1922: South Africa: Umfolozi Game Reserve: TM: 1 [1 - 1 - 1].
28 June 1922: South Africa: Umfolozi Game Reserve: TM: 1 [1 - 1 - 1].
17 July 1922: South Africa: Umfolozi River: TM: 1 [1] - White Umfolosi River: TM: 1 [1 - 2 - 2].
19 September 1922: South Africa: Umfolozi Nature Reserve: TM: 1 [1 - 1 - 1].
26 November 1922: Congo (Democratic Republic of the): Luluabourg [=Kananga]: MNHN: 2 [2 - 2 - 2].
6 January 1923: Ethiopia: Torat: MSNM: 2 [2 - 2 - 2].
6 February 1923: Ethiopia: Torat: MSNM: 1 [1 - 1 - 1].
31 March 1923: Namibia: Quickborn: TM: 1 [1 - 1 - 1].
6 February 1924: South Africa: Pretoria hospital: TM: 1 [1 - 1 - 1].
15 April 1924: Namibia: Quickborn: TM: 1 [1 - 1 - 1].
16 April 1924: Congo (Democratic Republic of the): St Joseph de Luluabourg mission [=Kananga]: BMNH: 1 [1 - 1 - 1].
11 December 1924: South Africa: Farm Makapansgat: TM: 2 [2] - Farm Makapansgat, Makapan cave: TM: 1 [1 - 3 - 3].
4 March 1925: South Africa: Mqanduli: TM: 1 [1 - 1 - 1].
10 December 1925: Namibia: Karolinenhof: KM: 1 [1 - 1 - 1].
14 October 1926: South Africa: Marquard: NMB: 1 [1 - 1 - 1].
15 November 1926: South Africa: Ladyselborne: TM: 1 [1 - 1 - 1].
8 February 1927: South Africa: Leydsdorp: TM: 1 [1 - 1 - 1].
11 February 1927: South Africa: Leydsdorp: TM: 1 [1 - 1 - 1].
5 April 1927: Ethiopia: Gondur, 15 mi NE: TM: 1 [1 - 1 - 1].
3 July 1927: South Africa: Farm Zwarthoek 794: TM: 1 [1 - 1 - 1].
12 August 1927: South Africa: Weenen: TM: 1 [1 - 1 - 1].
21 October 1928: Namibia: Hot Spring: TM: 1 [1 - 1 - 1].
28 November 1928: South Africa: Emseleni: TM: 3 [3 - 3 - 3].
25 May 1930: Botswana: Maun: TM: 1 [1 - 1 - 1].
26 September 1930: Mozambique: Beira, near: TM: 1 [1 - 1 - 1].
25 June 1931: Congo (Democratic Republic of the): Lukolela: RMCA: 1 [1 - 1 - 1].
26 October 1931: South Africa: Irene: TM: 1 [1 - 1 - 1].

- 3 November 1931:** South Africa: Pretoria: TM: 1 [1 - 1 - 1].
10 December 1931: South Africa: Pretoria: TM: 1 [1 - 1 - 1].
4 February 1932: South Africa: Pretoria: TM: 1 [1 - 1 - 1].
28 December 1932: Burundi: Nyanza, lake: RMCA: 1 [1 - 1 - 1].
6 January 1933: South Africa: Uitkyk: TM: 2 [2 - 2 - 2].
7 January 1933: South Africa: Uitkyk: TM: 2 [2 - 2 - 2].
23 January 1933: South Africa: Tzaneen: TM: 2 [2 - 2 - 2].
31 January 1933: South Africa: Tzaneen: TM: 2 [2 - 2 - 2].
19 July 1933: South Africa: Msinyini pan: TM: 2 [2 - 2 - 2].
28 July 1933: South Africa: Klaserie-Olifant River Confluence: TM: 1 [1 - 1 - 1].
6 August 1933: South Africa: Ingwavuma: TM: 1 [1 - 1 - 1].
7 August 1933: South Africa: Ingwavuma: TM: 2 [2 - 2 - 2].
22 September 1933: South Africa: Ndumu store: TM: 16 [16 - 16 - 16].
9 February 1934: South Africa: Pretoria: TM: 1 [1 - 1 - 1].
7 December 1934: South Africa: Eshowe: TM: 1 [1 - 1 - 1].
11 May 1935: South Africa: Eshowe: TM: 1 [1 - 1 - 1].
26 June 1935: South Africa: Mutale River: TM: 1 [1 - 1 - 1].
30 June 1935: South Africa: Mutale River: TM: 2 [2 - 2 - 2].
12 July 1935: South Africa: Sibasa: TM: 11 [11 - 11 - 11].
28 October 1935: South Africa: Irene: TM: 1 [1 - 1 - 1].
17 January 1936: South Africa: Onderstepoort: TM: 1 [1 - 1 - 1].
26 February 1936: South Africa: Pretoria: TM: 1 [1 - 1 - 1].
27 April 1936: South Africa: Port St. Johns: TM: 1 [1 - 1 - 1].
28 April 1936: South Africa: Port St. Johns: TM: 1 [1 - 1 - 1].
30 April 1936: South Africa: Port St. Johns: TM: 1 [1 - 1 - 1].
1 May 1936: South Africa: Port St. Johns: TM: 1 [1 - 1 - 1].
2 May 1936: South Africa: Port St. Johns: TM: 1 [1 - 1 - 1].
3 May 1936: South Africa: Port St. Johns: TM: 1 [1 - 1 - 1].
1 June 1937: Swaziland: Ranches LTD: TM: 7 [7 - 7 - 7].
15 July 1937: Namibia: Windhoek: TM: 1 [1 - 1 - 1].
10 August 1937: Namibia: Kochina: TM: 8 [8 - 8 - 8].
11 December 1937: Guinea-Bissau: Mansoa [1204N 1519W], Contubo-el [1222N 1434W] or Pitche [1220N 1357W]: NMBE: 1 [1 - 1 - 1].
12 December 1937: Guinea-Bissau: Mansoa [1204N 1519W] or Pitche [12 20 N 13 57 W]: NMBE: 1 [1] - Mansoa [1204N 1519W], Contubo-el [1222N 1434W] or Pitche [1220N 1357W]: NMBE: 1 [1 - 2 - 2].
21 December 1937: South Africa: Daspoort: TM: 1 [1 - 1 - 1].
11 January 1938: Zimbabwe: Birchenough Bridge: TM: 1 [1 - 1 - 1].
5 March 1938: Guinea-Bissau: Madina Boé: NMBE: 2 [2 - 2 - 2].
11 May 1938: South Africa: Eshowe: TM: 1 [1 - 1 - 1].
9 October 1938: South Africa: Nyellele River: TM: 1 [1 - 1 - 1].
6 April 1939: South Africa: King Williamstown: KM: 1 [1 - 1 - 1].
1 June 1939: Swaziland: Ranches LTD: TM: 2 [2 - 2 - 2].
15 August 1939: Malawi: Ncheu [=Ntcheu]: TM: 1 [1 - 1 - 1].
20 September 1939: Malawi: Ncheu [=Ntcheu]: TM: 1 [1 - 1 - 1].
21 September 1939: Malawi: Ncheu [=Ntcheu]: TM: 1 [1 - 1 - 1].
27 September 1939: Malawi: Ncheu [=Ntcheu]: TM: 1 [1 - 1 - 1].
26 October 1939: Malawi: Ncheu [=Ntcheu]: TM: 3 [3 - 3 - 3].
22 November 1939: Malawi: Ncheu [=Ntcheu]: TM: 1 [1 - 1 - 1].
5 December 1939: Malawi: Chinteche: TM: 1 [1 - 1 - 1].
9 February 1940: Malawi: Chinteche: TM: 6 [6 - 6 - 6].
26 October 1940: South Africa: Zoetendalsvlei: TM: 1 [1 - 1 - 1].
5 November 1940: South Africa: Grootvadersbosch: TM: 1 [1 - 1 - 1].
6 November 1940: South Africa: Grootvadersbosch: TM: 2 [2 - 2 - 2].
16 December 1940: Kenya: Isiola: TM: 1 [1 - 1 - 1].
10 August 1941: Namibia: Oserikari: TM: 1 [1 - 1 - 1].
19 September 1941: Namibia: Ombu: TM: 1 [1 - 1 - 1].
20 September 1941: Namibia: Ombu: TM: 1 [1 - 1 - 1].
13 October 1941: Namibia: New Dam: TM: 1 [1 - 1 - 1].
27 March 1942: Cameroon: Ebolowa: CM: 1 [1 - 1 - 1].
27 May 1943: South Africa: King Williamstown: KM: 1 [1 - 1 - 1].
14 August 1945: Zimbabwe: Bindura: TM: 4 [4 - 4 - 4].
27 December 1945: Guinea-Bissau: Bissoram: CZL: 1 [1 - 1 - 1].
6 March 1946: Guinea-Bissau: Catió: CZL: 1 [1 - 1 - 1].
3 April 1946: Guinea-Bissau: Pitche: CZL: 1 [1 - 1 - 1].
31 January 1947: South Africa: King Williamstown: KM: 1 [1 - 1 - 1].
16 April 1947: Congo (Democratic Republic of the): Baraka: BMNH: 2 [2 - 2 - 2].
26 May 1947: South Africa: Bloemfontein: NMB: 1 [1 - 1 - 1].
12 November 1948: Mozambique: Manhica: CZL: 2 [2 - 2 - 2].
4 August 1949: South Africa: Sterkfontein caves: TM: 1 [1 - 1 - 1].
9 August 1949: Namibia: Chobe River Farm: TM: 1 [1] - Nampini: TM: 2 [2 - 3 - 3].
22 December 1950: South Africa: Onderstepoort: TM: 1 [1 - 1 - 1].
7 January 1951: Zimbabwe: Gorgman: TM: 1 [1 - 1 - 1].
18 January 1951: Zimbabwe: Inyanga: TM: 1 [1 - 1 - 1].
21 February 1951: South Africa: Pretoria: MZUF: 1 [1 - 1 - 1].
1 June 1951: Congo (Democratic Republic of the): Wago Forest: RMCA: 1 [1 - 1 - 1].
29 June 1951: Namibia: Ohopoho: TM: 1 [1 - 1 - 1].

- 24 October 1952: "Africa": Unknown locality: MHNG: 1 [1 - 1 - 1].
- 9 April 1954: South Africa: : TM: 1 [1] - Ndumu Police Station: NM: 1 [1 - 2 - 2].
- 15 April 1954: Sudan: Jebel el Azraq: FMNH: 2 [2 - 2 - 2].
- 18 May 1954: Namibia: Harisib: TM: 1 [1] - Nasib: TM: 1 [1 - 2 - 2].
- 21 June 1954: Sudan: Jebel el Azraq: FMNH: 1 [1 - 1 - 1].
- 25 June 1954: Angola: Alto Chicapa: BMNH: 1 [1 - 1 - 1].
- 22 February 1955: Malawi: Lilongwe: HZM: 1 [1 - 1 - 1].
- 17 March 1955: South Africa: Bishopstowe cave: TM: 4 [4 - 4 - 4].
- 17 July 1955: Tanzania: Kafukola C. Rukwa: TM: 1 [1 - 1 - 1].
- 13 August 1955: Tanzania: Kafukola C. Rukwa: TM: 1 [1 - 1 - 1].
- 20 August 1955: Tanzania: Kafukola C. Rukwa: TM: 1 [1 - 1 - 1].
- 23 August 1955: Tanzania: Kafukola C. Rukwa: TM: 1 [1 - 1 - 1].
- 4 September 1955: Senegal: Badi: MHNG: 1 [1 - 1 - 1].
- 30 November 1955: Tanzania: Bagamoyo: RMNH: 8 [8 - 8 - 8].
- 2 January 1956: Angola: Dundo Lundo: BMNH: 1 [1 - 1 - 1].
- 24 June 1956: Kenya: Kabete: SMF: 10 [10 - 10 - 10].
- 20 September 1956: Zimbabwe: Bulawayo: NHMZ: 1 [1 - 1 - 1].
- 2 December 1956: Tanzania: Bagamoyo: RMNH: 2 [2 - 2 - 2].
- 3 December 1956: South Africa: Pretoria: TM: 1 [1 - 1 - 1].
- 4 December 1956: Tanzania: Bagamoyo: RMNH: 1 [1 - 1 - 1].
- 9 December 1956: Tanzania: Bagamoyo: RMNH: 1 [1 - 1 - 1].
- 7 February 1957: Kenya: Nairobi: ROM: 1 [1 - 1 - 1].
- 28 March 1957: Egypt: Jebel Drunka: FMNH: 1 [1 - 1 - 1].
- 24 July 1957: South Africa: Sterkfontein caves: TM: 1 [1 - 1 - 1].
- 22 September 1957: Mozambique: Marine Research Station: TM: 9 [9 - 9 - 9].
- 24 September 1957: Mozambique: Marine Research Station: TM: 6 [6 - 6 - 6].
- 25 September 1957: Mozambique: Marine Research Station: TM: 1 [1 - 1 - 1].
- 1 December 1957: Tanzania: Bagamoyo: RMNH: 1 [1 - 1 - 1].
- 3 December 1957: Tanzania: Bagamoyo: RMNH: 1 [1 - 1 - 1].
- 4 December 1957: Tanzania: Bagamoyo: RMNH: 1 [1 - 1 - 1].
- 5 December 1957: Tanzania: Bagamoyo: RMNH: 3 [3 - 3 - 3].
- 6 December 1957: Tanzania: Bagamoyo: RMNH: 1 [1 - 1 - 1].
- 7 December 1957: Tanzania: Bagamoyo: RMNH: 3 [3 - 3 - 3].
- 9 December 1957: Tanzania: Bagamoyo: RMNH: 2 [2 - 2 - 2].
- 11 December 1957: Tanzania: Bagamoyo: RMNH: 1 [1 - 1 - 1].
- 7 January 1958: South Africa: Howell Davies Caves: TM: 22 [22 - 22 - 22].
- 13 January 1958: South Africa: Farm Makapansgat, Ficus cave: TM: 5 [5 - 5 - 5].
- 9 February 1958: South Africa: Cave of Death: TM: 1 [1 - 1 - 1].
- 1 March 1958: Congo (Democratic Republic of the): Kolwezi: OSU: 1 [1 - 1 - 1].
- 2 December 1958: Tanzania: Bagamoyo: RMNH: 1 [1 - 1 - 1].
- 8 December 1958: Tanzania: Bagamoyo: RMNH: 1 [1 - 1 - 1].
- 12 December 1958: Tanzania: Bagamoyo: RMNH: 1 [1 - 1 - 1].
- 19 December 1958: South Africa: Sunnyside: TM: 1 [1 - 1 - 1].
- 29 December 1958: South Africa: Irene: TM: 1 [1 - 1 - 1].
- 10 May 1959: Namibia: Swakopmund: TM: 1 [1 - 1 - 1].
- 19 May 1959: Namibia: Rooibank: TM: 1 [1 - 1 - 1].
- 21 July 1959: South Africa: Kaggasmoudt: NM: 1 [1 - 1 - 1].
- 8 August 1959: Somalia: Afgoi: MZUF: 1 [1 - 1 - 1].
- 13 August 1959: Somalia: El Bur: TM: 3 [3 - 3 - 3].
- 20 August 1959: Somalia: El Bur: TM: 1 [1] - El Bur to El Der, road between: TM: 2 [2 - 3 - 3].
- 1 September 1959: Sudan: Amadi: ZMUC: 3 [3 - 3 - 3].
- 4 September 1959: Somalia: Gelib: MZUF: 1 [1 - 1 - 1].
- 5 September 1959: Somalia: Genale: MZUF: 1 [1 - 1 - 1].
- 6 September 1959: Somalia: Genale: MZUF: 1 [1 - 1 - 1].
- 20 September 1959: Somalia: Afgoi: MZUF: 1 [1 - 1 - 1].
- 30 November 1959: Tanzania: Bagamoyo: RMNH: 1 [1 - 1 - 1].
- 2 December 1959: Tanzania: Bagamoyo: RMNH: 1 [1 - 1 - 1].
- 6 December 1959: Tanzania: Bagamoyo: RMNH: 8 [8 - 8 - 8].
- 23 March 1960: South Africa: Punda Malia: TM: 2 [2 - 2 - 2].
- 24 March 1960: South Africa: Punda Milia camp: TM: 3 [3] - Punda Milia Police post: TM: 2 [2 - 5 - 5].
- 29 March 1960: South Africa: Matlepits Valley: TM: 1 [1 - 1 - 1].
- 2 May 1960: Tanzania: Kilosa: SMF: 1 [1 - 1 - 1].
- 1 December 1960: South Africa: Hatfield: TM: 2 [2 - 2 - 2].
- 11 December 1960: South Africa: Jane Furse Hospital: TM: 1 [1 - 1 - 1].
- 29 December 1960: South Africa: Burgers Park: TM: 1 [1 - 1 - 1].
- 1 April 1961: Zambia: Chilanga cave: TM: 2 [2 - 2 - 2].
- 21 April 1961: South Africa: Skukuza Koppies: TM: 1 [1 - 1 - 1].
- 23 November 1961: South Africa: Punda Malia: TM: 2 [2 - 2 - 2].
- 17 December 1961: Mozambique: Chemezi: TM: 2 [2 - 2 - 2].
- 1 January 1962: Somalia: Afgoi: MZUF: 1 [1 - 1 - 1].
- 17 January 1962: Tanzania: : TM: 1 [1 - 1 - 1].
- 20 February 1962: Tanzania: : TM: 3 [3 - 3 - 3].
- 9 April 1962: South Africa: Nelspruit: TM: 1 [1 - 1 - 1].
- 30 April 1962: Tanzania: Amani: TM: 1 [1 - 1 - 1].
- 14 May 1962: South Africa: Sunnyside: TM: 1 [1 - 1 - 1].
- 17 July 1962: Sudan: Dilling: SMF: 10 [10 - 10 - 10].

- 30 July 1962: Somalia: Villabruzzi [=Villa del dottore Abruzzi]: MZUF: 2 [2 - 2 - 2].
- 4 September 1962: Sudan: Kadugli: SMF: 1 [1 - 1 - 1].
- 5 January 1963: Sudan: Kadugli: SMF: 1 [1 - 1 - 1].
- 9 January 1963: Sudan: Rheika: SMF: 1 [1 - 1 - 1].
- 10 January 1963: Sudan: Kadugli: SMF: 1 [1 - 1 - 1].
- 12 January 1963: Sudan: Kadugli: SMF: 5 [5 - 5 - 5].
- 21 January 1963: Sudan: Kadugli: SMF: 2 [2 - 2 - 2].
- 1 February 1963: Sudan: El Obeid: SMF: 10 [10 - 10 - 10].
- 3 February 1963: Sudan: Semeih: SMF: 1 [1 - 1 - 1].
- 4 February 1963: Sudan: Kologi: SMF: 1 [1 - 1 - 1].
- 5 February 1963: Sudan: Kologi: SMF: 2 [2 - 2 - 2].
- 12 February 1963: Sudan: Jebel Talao: SMF: 1 [1 - 1 - 1].
- 27 February 1963: Sudan: Kadugli: SMF: 1 [1 - 1 - 1].
- 29 March 1963: Zambia: Fort Jameson: TM: 1 [1 - 1 - 1].
- 1 May 1963: Zambia: Missale Old Mine: TM: 2 [2 - 2 - 2].
- 10 October 1963: Sudan: Kadugli: SMF: 1 [1 - 1 - 1].
- 7 November 1963: Congo: Brazzaville: MNHN: 1 [1 - 1 - 1].
- 10 November 1963: Congo: Brazzaville: MNHN: 1 [1 - 1 - 1].
- 12 November 1963: Congo: Brazzaville: MNHN: 1 [1 - 1 - 1].
- 10 December 1963: South Africa: Letsitele: TM: 3 [3 - 3 - 3].
- 5 January 1964: Congo (Democratic Republic of the): Kalemie: RMCA: 1 [1 - 1 - 1].
- 31 March 1964: Tanzania: Northeastern Tanzania: ROM: 1 [1 - 1 - 1].
- 8 April 1964: Kenya: Nairobi: ROM: 2 [2 - 2 - 2].
- 15 May 1964: Tanzania: Uto farm: ZMZ: 1 [1 - 1 - 1].
- 31 May 1964: Tanzania: Uto farm: ZMZ: 2 [2 - 2 - 2].
- 6 June 1964: Tanzania: Uto farm: ZMZ: 1 [1 - 1 - 1].
- 21 July 1964: Mozambique: Muchena: TM: 1 [1] - Tete, 2 mi E: TM: 4 [4] - Tete, 2 mi SE: TM: 8 [8 - 13 - 13].
- 22 July 1964: Kenya: Kongelai: ROM: 1 [1 - 1 - 1].
- 23 July 1964: Mozambique: Tete, 2 mi E: TM: 19 [19] - Tete, 2 mi SE: TM: 7 [7 - 26 - 26].
- 24 July 1964: Mozambique: Muchena: TM: 2 [2] - Tete, 2 mi E: TM: 1 [1 - 3 - 3].
- 25 July 1964: Mozambique: Muchena: TM: 1 [1 - 1 - 1].
- 28 July 1964: Mozambique: Muchena: TM: 12 [12 - 12 - 12].
- 29 July 1964: Mozambique: Muchena: TM: 11 [11 - 11 - 11].
- 9 August 1964: Mozambique: Vila Gamito, 10 km N: TM: 14 [14 - 14 - 14].
- 22 August 1964: Mozambique: Mague: TM: 2 [2 - 2 - 2].
- 23 October 1964: Namibia: Epupa Falls: TM: 2 [2 - 2 - 2].
- 28 November 1964: Sudan: Khartoum: SMF: 5 [5 - 5 - 5].
- 29 November 1964: Sudan: Khartoum: SMF: 9 [9 - 9 - 9].
- 3 December 1964: Sudan: Khartoum: SMF: 7 [7 - 7 - 7].
- 31 December 1964: Sudan: Kadugli: SMF: 1 [1 - 1 - 1].
- 23 January 1965: Sudan: Khor Umm Adara: SMF: 1 [1 - 1 - 1].
- 11 March 1965: Sudan: Rheika: SMF: 1 [1 - 1 - 1].
- 8 April 1965: Sudan: Semeih: SMF: 2 [2 - 2 - 2].
- 9 April 1965: Botswana: Drostky's Caves: TM: 1 [1] - Kaikai, 20 mi SE: TM: 5 [5 - 6 - 6].
- 13 April 1965: South Africa: Bloemfontein: NMB: 1 [1 - 1 - 1].
- 30 April 1965: South Africa: Twee Rivieren: TM: 1 [1 - 1 - 1].
- 23 May 1965: Kenya: Tororo: ROM: 3 [3 - 3 - 3].
- 5 June 1965: South Africa: Port Elisabeth: HZM: 1 [1 - 1 - 1].
- 16 July 1965: Tanzania: Amani: TM: 2 [2 - 2 - 2].
- 29 July 1965: Kenya: Sigor, 2 mi S: WNMU: 1 [1 - 1 - 1].
- 24 August 1965: Zimbabwe: Haroni-Lusitu confluence: NHMZ: 1 [1 - 1 - 1].
- 4 October 1965: South Africa: Fountains: USNM: 1 [1 - 1 - 1].
- 17 October 1965: Mozambique: Zinave: MWSU: 1 [1 - 1 - 1].
- 7 November 1965: Congo: Brazzaville: MNHN: 1 [1 - 1 - 1].
- 13 December 1965: Kenya: Swan river: ROM: 1 [1 - 1 - 1].
- 17 December 1965: Kenya: Sigor: ROM: 1 [1 - 1 - 1].
- 22 December 1965: South Africa: Brooklyn: TM: 1 [1 - 1 - 1].
- 5 February 1966: Uganda: Soroti: ROM: 7 [7 - 7 - 7].
- 13 September 1966: Kenya: Sarmai: ROM: 1 [1 - 1 - 1].
- 14 September 1966: Kenya: Turkwell river: ROM: 1 [1 - 1 - 1].
- 4 October 1966: Namibia: Otjimbingwe: TM: 1 [1 - 1 - 1].
- 7 October 1966: Namibia: Otjimbingwe: TM: 6 [6 - 6 - 6].
- 19 October 1966: Namibia: Swartbooidrift: TM: 1 [1 - 1 - 1].
- 23 October 1966: Namibia: Epupa Falls: TM: 3 [3 - 3 - 3].
- 26 October 1966: Zimbabwe: Kama Zuma township: MNHN: 1 [1 - 1 - 1].
- 30 November 1966: Cameroon: Camp II: ZFMK: 1 [1 - 1 - 1].
- 14 January 1967: South Africa: Farm Makapansgat: TM: 1 [1 - 1 - 1].
- 6 February 1967: Kenya: Mara River: SMF: 1 [1 - 1 - 1].
- 15 March 1967: South Africa: Brooklyn: TM: 1 [1 - 1 - 1].
- 16 March 1967: South Africa: Warmbad, 2 mi E: ROM: 1 [1 - 1 - 1].
- 19 March 1967: South Africa: Warmbad, 2 mi E: ROM: 1 [1 - 1 - 1].
- 11 April 1967: South Africa: : TM: 6 [6 - 6 - 6].
- 15 April 1967: South Africa: Warmbad, 2 mi E: ROM: 1 [1 - 1 - 1].
- 18 April 1967: South Africa: Warmbad, 2 mi E: ROM: 1 [1 - 1 - 1].
- 5 May 1967: South Africa: Warmbad, 2 mi E: ROM: 1 [1 - 1 - 1].
- 9 May 1967: Madagascar: in a marine cave between Sarodrano and Saint-Augustin: ROM: 1 [1 - 1 - 1].

- 26 May 1967:** Zimbabwe: Salisbury: MNHN: 1 [1 - 1 - 1].
4 July 1967: South Africa: : TM: 1 [1 - 1 - 1].
14 August 1967: Kenya: Sokoke forest: ROM: 4 [4 - 4 - 4].
5 December 1967: Ghana: Achimota: ROM: 1 [1 - 1 - 1].
16 March 1968: Tanzania: Manyara, Lake: BMNH: 1 [1 - 1 - 1].
25 March 1968: Kenya: Mtito Andei: ROM: 1 [1 - 1 - 1].
28 March 1968: South Africa: Mansia Valley: TM: 1 [1 - 1 - 1].
28 April 1968: Ethiopia: Abaya, W coast lake: MNHN: 2 [2 - 2 - 2].
14 June 1968: Ethiopia: Agaro: MNHN: 1 [1 - 1 - 1].
15 June 1968: Uganda: Waisoke river: ROM: 3 [3 - 3 - 3].
19 June 1968: Uganda: Budongo Forest: ROM: 2 [2] - Sonsor river: ROM: 5 [5 - 7 - 7].
20 June 1968: Togo: Paio: RMCA: 1 [1 - 1 - 1].
11 July 1968: Zimbabwe: Pungwe-Ruva confluence: NHMZ: 3 [3 - 3 - 3].
3 August 1968: Somalia: Giohar: MZUF: 1 [1 - 1 - 1].
4 August 1968: Somalia: Giohar: MZUF: 1 [1 - 1 - 1].
5 August 1968: Somalia: Giohar: MZUF: 1 [1 - 1 - 1].
6 August 1968: Somalia: Giohar: MZUF: 2 [2 - 2 - 2].
17 August 1968: Togo: Dapango: RMCA: 1 [1 - 1 - 1].
22 August 1968: Togo: Baoulé: RMCA: 1 [1 - 1 - 1].
29 August 1968: Togo: Binaparba: RMCA: 1 [1 - 1 - 1].
7 September 1968: Somalia: Giohar: MZUF: 2 [2 - 2 - 2].
17 December 1968: South Africa: Godeni, E: TM: 1 [1 - 1 - 1].
9 February 1969: Kenya: Shimba Hills: ROM: 1 [1 - 1 - 1].
18 February 1969: Kenya: Shimba Hills: ROM: 1 [1 - 1 - 1].
19 February 1969: Kenya: Shimba Hills: ROM: 1 [1 - 1 - 1].
12 July 1969: Ghana: Achimota: ROM: 1 [1 - 1 - 1].
20 July 1969: Togo: Aledjo: RMCA: 1 [1] - Pewa: RMCA: 2 [2 - 3 - 3].
21 July 1969: Togo: Niamtougou: RMCA: 1 [1 - 1 - 1].
23 July 1969: Togo: Niamtougou: RMCA: 1 [1 - 1 - 1].
24 July 1969: Togo: Niamtougou: RMCA: 2 [2 - 2 - 2].
27 July 1969: Togo: Namoundjoga: RMCA: 4 [4 - 4 - 4].
28 July 1969: Togo: Namoundjoga: RMCA: 2 [2 - 2 - 2].
31 July 1969: Togo: Namoundjoga: RMCA: 8 [8 - 8 - 8].
20 August 1969: Somalia: Callis: MZUF: 3 [3 - 3 - 3].
25 August 1969: Somalia: Giohar: MZUF: 1 [1 - 1 - 1].
12 September 1969: Togo: Togoville: RMCA: 1 [1 - 1 - 1].
26 November 1969: Uganda: Moyo, 10 mi E: ROM: 2 [2 - 2 - 2].
27 November 1969: Uganda: Moyo, 10 mi E: ROM: 1 [1 - 1 - 1].
29 November 1969: Uganda: Gulu: ROM: 2 [2 - 2 - 2].
5 December 1969: Ghana: Achimota: ROM: 1 [1 - 1 - 1].
10 December 1969: Togo: Borgou: RMCA: 2 [2 - 2 - 2].
29 December 1969: Ethiopia: Gambela: SMF: 1 [1 - 1 - 1].
5 January 1970: Ghana: Achimota: ROM: 1 [1 - 1 - 1].
6 January 1970: Ghana: Achimota: ROM: 3 [3 - 3 - 3].
29 January 1970: South Africa: Augrabies Waterfall Natational Park: TM: 2 [2 - 2 - 2].
10 February 1970: Ethiopia: Gambela: SMF: 1 [1 - 1 - 1].
15 April 1970: South Africa: Ndumu Game Reserve: TM: 3 [3 - 3 - 3].
1 June 1970: South Africa: Petrusburg: NMB: 1 [1 - 1 - 1].
17 July 1970: Chad: Bebedjia: ZMA: 2 [2 - 2 - 2].
13 August 1970: Chad: Bebedjia: ZMA: 1 [1 - 1 - 1].
16 August 1970: Somalia: Ola Uager: MZUF: 1 [1 - 1 - 1].
19 August 1970: Chad: Bebedjia: ZMA: 1 [1 - 1 - 1].
21 August 1970: Chad: Bebedjia: ZMA: 1 [1 - 1 - 1].
25 September 1970: South Africa: Pongola, 9 Jan Kemlaan: TM: 4 [4 - 4 - 4].
21 October 1970: South Africa: Pongola, 9 Jan Kemlaan: TM: 1 [1 - 1 - 1].
1 December 1970: Cameroon: Yagoua: RMCA: 1 [1 - 1 - 1].
2 December 1970: Cameroon: Yagoua: RMCA: 2 [2 - 2 - 2].
3 December 1970: Cameroon: Yagoua: RMCA: 12 [12 - 12 - 12].
15 December 1970: Cameroon: Mokolo: RMCA: 1 [1 - 1 - 1].
16 December 1970: Cameroon: Mokolo: RMCA: 1 [1 - 1 - 1].
17 December 1970: Cameroon: Mokolo: RMCA: 6 [6 - 6 - 6].
18 December 1970: Cameroon: Mokolo: RMCA: 5 [5 - 5 - 5].
19 December 1970: Cameroon: Mokolo: RMCA: 2 [2 - 2 - 2].
21 December 1970: Cameroon: Mokolo: RMCA: 1 [1 - 1 - 1].
27 December 1970: Cameroon: Waza: RMCA: 3 [3 - 3 - 3].
28 December 1970: Cameroon: Waza: RMCA: 1 [1 - 1 - 1].
29 December 1970: Kenya: Makindu: ROM: 2 [2 - 2 - 2].
30 December 1970: Cameroon: Waza: RMCA: 14 [14 - 14 - 14].
31 December 1970: Cameroon: Waza: RMCA: 1 [1 - 1 - 1].
2 January 1971: Kenya: Kakamega forest: ROM: 1 [1 - 1 - 1].
3 January 1971: South Africa: Waterberg, Farm Driefontein: TM: 1 [1 - 1 - 1].
6 January 1971: South Africa: Valhalla: TM: 1 [1 - 1 - 1].
15 January 1971: Kenya: Kakamega forest: ROM: 1 [1 - 1 - 1].
24 January 1971: Kenya: Kakamega forest: ROM: 2 [2 - 2 - 2].
8 March 1971: Kenya: Saiwa river: ROM: 1 [1 - 1 - 1].
11 March 1971: Kenya: Ortum: ROM: 1 [1 - 1 - 1].

- 18 March 1971: Kenya: Saiwa river: ROM: 1 [1 - 1 - 1].
 19 March 1971: Kenya: Saiwa river: ROM: 1 [1 - 1 - 1].
 17 April 1971: Ethiopia: Aware Melca: MZUF: 1 [1 - 1 - 1].
 1 June 1971: Tanzania: Kisarawe, near: TM: 1 [1 - 1 - 1].
 6 July 1971: South Africa: Baberton: TM: 5 [5 - 5 - 5].
 10 July 1971: Kenya: Fort Hall: ROM: 1 [1 - 1 - 1].
 26 July 1971: South Africa: 32 km W Thabazimbi: TM: 1 [1 - 1 - 1].
 30 July 1971: South Africa: Baberton: TM: 15 [15 - 15 - 15].
 8 August 1971: South Africa: Farm Buren: TM: 1 [1 - 1 - 1].
 17 August 1971: Cameroon: Galim: RMCA: 2 [2 - 2 - 2].
 26 August 1971: Cameroon: Galim: RMCA: 2 [2 - 2 - 2].
 28 August 1971: South Africa: Sterkfontein caves: TM: 6 [6 - 6 - 6].
 3 September 1971: Cameroon: Djohong: RMCA: 6 [6 - 6 - 6].
 4 September 1971: Cameroon: Djohong: RMCA: 33 [33 - 33 - 33].
 5 September 1971: Cameroon: Djohong: RMCA: 25 [25 - 25 - 25].
 6 September 1971: Cameroon: Djohong: RMCA: 1 [1 - 1 - 1].
 12 September 1971: South Africa: Farm Hekpoort: TM: 2 [2] - Witwatersberg, Farm Hekpoort: TM: 1 [1 - 3 - 3].
 3 April 1972: Tanzania: Kisarawe, near: TM: 1 [1 - 1 - 1].
 14 April 1972: South Africa: Ledzee Estates: TM: 1 [1 - 1 - 1].
 18 July 1972: Cameroon: Wakwa: RMCA: 1 [1 - 1 - 1].
 19 July 1972: Cameroon: Wakwa: RMCA: 1 [1 - 1 - 1].
 20 July 1972: Tanzania: Kisarawe, near: TM: 2 [2 - 2 - 2].
 15 August 1972: Zimbabwe: Dett: NHMZ: 1 [1 - 1 - 1].
 4 September 1972: Cameroon: Yagoua: RMCA: 2 [2 - 2 - 2].
 5 September 1972: Cameroon: Yagoua: RMCA: 1 [1 - 1 - 1].
 6 September 1972: South Africa: Harrismith: NMB: 1 [1 - 1 - 1].
 7 September 1972: Cameroon: Yagoua: RMCA: 3 [3 - 3 - 3].
 8 September 1972: Cameroon: Yagoua: RMCA: 1 [1 - 1 - 1].
 1 October 1972: South Africa: Navors Suburb, Residence: TM: 1 [1 - 1 - 1].
 29 October 1972: Swaziland: Mbabane: TM: 1 [1 - 1 - 1].
 13 November 1972: Zimbabwe: Inyantue: NHMZ: 1 [1 - 1 - 1].
 26 November 1972: South Africa: Bloemfontein: NMB: 1 [1 - 1 - 1].
 15 December 1972: Ethiopia: Gambela: CM: 1 [1 - 1 - 1].
 20 January 1973: Ethiopia: Didessa river bridge: CM: 1 [1 - 1 - 1].
 28 January 1973: South Africa: Ventersburg: NMB: 1 [1 - 1 - 1].
 10 February 1973: South Africa: Bloemfontein: NMB: 3 [3 - 3 - 3].
 13 February 1973: South Africa: Farm Olifantspoort 328: TM: 1 [1 - 1 - 1].
 24 February 1973: South Africa: Village Kosmos: TM: 1 [1 - 1 - 1].
 9 March 1973: South Africa: Mmabolela Estates: TM: 1 [1 - 1 - 1].
 17 March 1973: Niger: I-N-Gall: RMCA: 1 [1 - 1 - 1].
 4 April 1973: South Africa: Ventersburg: NMB: 4 [4 - 4 - 4].
 5 April 1973: South Africa: Loskop Dam Nature Reserve: TM: 1 [1 - 1 - 1].
 6 April 1973: South Africa: Loskop Dam Nature Reserve: TM: 2 [2 - 2 - 2].
 10 April 1973: Kenya: Kampi ya Samaki: ROM: 3 [3 - 3 - 3].
 11 April 1973: Kenya: Kampi ya Samaki: ROM: 1 [1 - 1 - 1].
 12 April 1973: Kenya: Kampi ya Samaki: ROM: 1 [1 - 1 - 1].
 13 April 1973: South Africa: Mosdene Nature Reserve: TM: 1 [1 - 1 - 1].
 20 April 1973: Kenya: Nairobi: ROM: 2 [2 - 2 - 2].
 25 April 1973: Kenya: Nairobi: ROM: 1 [1 - 1 - 1].
 11 May 1973: Kenya: Maungu: ROM: 1 [1 - 1 - 1].
 18 May 1973: Cameroon: Buea: ROM: 1 [1 - 1 - 1].
 31 May 1973: Kenya: Kiambu, 4 mi NW: ROM: 1 [1 - 1 - 1].
 7 August 1973: Ethiopia: Arba Minch: SMF: 1 [1 - 1].
 South Africa: Farm Scrutton 23MT: TM: 2 [2 - 2 - 3].
 9 August 1973: South Africa: Farm Greefswald 37MS: TM: 1 [1 - 1 - 1].
 11 August 1973: South Africa: Farm Greefswald 37MS: TM: 1 [1 - 1 - 1].
 29 August 1973: South Africa: Agriculture station: NMB: 1 [1 - 1 - 1].
 6 September 1973: South Africa: Farm Mooiplaas 94: TM: 1 [1 - 1 - 1].
 14 October 1973: South Africa: Rissik Private Nature Reserve: TM: 1 [1 - 1 - 1].
 16 December 1973: South Africa: Farm Ferndale: TM: 3 [3 - 3 - 3].
 18 December 1973: South Africa: Charter's Creek: TM: 1 [1 - 1 - 1].
 20 December 1973: Kenya: Nyangala hill: ROM: 2 [2 - 2 - 2].
 29 December 1973: South Africa: Farm Ferndale: TM: 2 [2 - 2 - 2].
 30 December 1973: Kenya: Garsen, 8.5 km N: ROM: 3 [3 - 3 - 3].
 31 December 1973: Kenya: Garsen, 8.5 km N: ROM: 1 [1 - 1 - 1].
 14 January 1974: South Africa: Farm Welgevonden 449: TM: 1 [1 - 1 - 1].
 17 January 1974: South Africa: Farm Nicorel 343: TM: 1 [1 - 1 - 1].
 7 March 1974: South Africa: Farm Mooigenoeg 83: TM: 2 [2 - 2 - 2].
 19 March 1974: Zimbabwe: Mabalanta Camp: NHMZ: 1 [1 - 1 - 1].
 11 May 1974: Zimbabwe: Kutanga Hippo V. Estates: NHMZ: 2 [2 - 2 - 2].
 16 May 1974: Zimbabwe: Kutanga Hippo V. Estates: NHMZ: 2 [2 - 2 - 2].
 17 May 1974: South Africa: Farm Othawo 242, Sabie Sand Private Nature Reserve: TM: 1 [1 - 1 - 1].
 18 May 1974: South Africa: Farm Othawo 242, Sabie Sand Private Nature Reserve: TM: 1 [1 - 1 - 1].
 22 May 1974: Zimbabwe: Triangle: NHMZ: 1 [1 - 1 - 1].
 9 June 1974: South Africa: Pietermaritzburg: TM: 2 [2 - 2 - 2].
 30 June 1974: South Africa: Farm Urk 10 [= Blouberg Private Nature Reserve]: TM: 1 [1 - 1 - 1].

- 1 July 1974: South Africa: Farm Urk 10 [= Blouberg Private Nature Reserve]: TM: 1 [1 - 1 - 1].
- 17 July 1974: South Africa: : TM: 19 [19 - 19 - 19].
- 24 August 1974: South Africa: Farm Strathfieldsaye: TM: 1 [1 - 1 - 1].
- 27 August 1974: South Africa: Chase Valley: TM: 1 [1 - 1 - 1].
- 6 September 1974: South Africa: Bloemfontein: NMB: 3 [3 - 3 - 3].
- 7 September 1974: South Africa: Philippolis: NMB: 3 [3 - 3 - 3].
- 10 September 1974: South Africa: Bloemfontein: NMB: 1 [1 - 1 - 1].
- 12 September 1974: South Africa: Hans Merensky Nature Reserve: TM: 1 [1 - 1 - 1].
- 13 September 1974: South Africa: Hans Merensky Nature Reserve: TM: 11 [11 - 11 - 11].
- 14 September 1974: South Africa: Hans Merensky Nature Reserve: TM: 1 [1 - 1 - 1].
- 15 September 1974: South Africa: Charter's Creek: TM: 2 [2 - 2 - 2].
- 20 September 1974: South Africa: Ladybrand: NMB: 1 [1 - 1 - 1].
- 21 September 1974: South Africa: Mimbo, on Limpopo: TM: 1 [1 - 1 - 1].
- 23 September 1974: South Africa: Ladybrand: NMB: 1 [1 - 1 - 1].
- 27 September 1974: South Africa: Umdoni Park: TM: 2 [2 - 2 - 2].
- 10 October 1974: South Africa: Pietermaritzburg: TM: 2 [2 - 2 - 2].
- 12 October 1974: South Africa: Pietermaritzburg: TM: 5 [5 - 5 - 5].
- 15 October 1974: South Africa: Loskop Dam Nature Reserve: TM: 2 [2 - 2 - 2].
- 30 October 1974: South Africa: Farm Makapansgat, Pepercorn's cave: TM: 3 [3 - 3 - 3].
- 31 October 1974: South Africa: Nyalazi Forest: TM: 1 [1 - 1 - 1].
- 9 November 1974: South Africa: Ten Bosch Estates: TM: 5 [5 - 5 - 5].
- 11 November 1974: South Africa: Ten Bosch Estates: TM: 1 [1 - 1 - 1].
- 12 November 1974: South Africa: Ten Bosch Estates: TM: 20 [20 - 20 - 20].
- 13 November 1974: South Africa: Cullinan: TM: 1 [1] - Pretoria Zoo: TM: 1 [1 - 2 - 2].
- 21 November 1974: South Africa: Zandspruit Caves: TM: 1 [1 - 1 - 1].
- 1 December 1974: South Africa: Pietermaritzburg: TM: 1 [1 - 1 - 1].
- 9 December 1974: South Africa: Hans Merensky Nature Reserve: TM: 1 [1] - Pietermaritzburg: TM: 1 [1 - 2 - 2].
- 13 December 1974: South Africa: Farm Leeuwspeer 647, on Pongola river: TM: 1 [1] - Farm Leeuwspeer 647, on Pongola Road: TM: 8 [8 - 9 - 9].
- 14 December 1974: South Africa: Nyalazi Forest: TM: 1 [1 - 1 - 1].
- 18 December 1974: South Africa: Mission Rocks, Bats Cave: TM: 1 [1 - 1 - 1].
- 9 January 1975: South Africa: Ladybrand: NMB: 1 [1 - 1 - 1].
- 10 January 1975: South Africa: Umdoni Caravan Park: TM: 1 [1 - 1 - 1].
- 11 January 1975: South Africa: Umdoni Park: TM: 1 [1 - 1 - 1].
- 20 January 1975: South Africa: Schurweberg caves: TM: 3 [3 - 3 - 3].
- 25 January 1975: South Africa: Farm Rietgat, plot 102: TM: 1 [1 - 1 - 1].
- 9 February 1975: South Africa: Farm Narina: TM: 1 [1 - 1 - 1].
- 12 February 1975: South Africa: Matlapitsi Caves: TM: 12 [12 - 12 - 12].
- 17 February 1975: South Africa: Nyalazi Forest: TM: 6 [6 - 6 - 6].
- 26 February 1975: South Africa: Pietermaritzburg: TM: 1 [1 - 1 - 1].
- 28 February 1975: Namibia: Namibia Desert Research Station [= DERU]: NHMZ: 1 [1 - 1 - 1].
- 2 March 1975: South Africa: Pietermaritzburg: TM: 1 [1 - 1 - 1].
- 7 March 1975: Zimbabwe: Hostes Nicoll Research Institute: NHMZ: 1 [1 - 1 - 1].
- 9 March 1975: Zimbabwe: Hostes Nicoll Research Institute: NHMZ: 1 [1 - 1 - 1].
- 16 March 1975: South Africa: Nyalazi Forest: TM: 1 [1 - 1 - 1].
- 25 March 1975: South Africa: Pietermaritzburg: TM: 1 [1 - 1 - 1].
- 10 April 1975: Zimbabwe: Frogmore: NHMZ: 2 [2 - 2 - 2].
- 11 April 1975: Zimbabwe: Frogmore: NHMZ: 1 [1 - 1 - 1].
- 14 April 1975: South Africa: Charter's Creek: TM: 2 [2 - 2 - 2].
- 17 April 1975: South Africa: Letaba Ranch: TM: 4 [4 - 4 - 4].
- 18 April 1975: South Africa: Umdoni Park: TM: 1 [1 - 1 - 1].
- 1 May 1975: Zimbabwe: Umtali: TM: 1 [1 - 1 - 1].
- 1 June 1975: South Africa: Manzengewenya Forest Station: TM: 2 [2 - 2 - 2].
- 4 June 1975: South Africa: Long One Cave: TM: 1 [1 - 1 - 1].
- 28 August 1975: South Africa: Fauresmith: NMB: 1 [1 - 1 - 1].
- 22 September 1975: Kenya: Ruaraka: SMF: 4 [4 - 4 - 4].
- 21 October 1975: South Africa: New Muckleneuk: TM: 1 [1 - 1 - 1].
- 19 November 1975: Burundi: Tora: RMCA: 1 [1 - 1 - 1].
- 17 January 1976: Botswana: Maun: USNM: 4 [4 - 4 - 4].
- 23 January 1976: South Africa: Lake Sibaya Reserve Station: TM: 22 [22 - 22 - 22].
- 24 January 1976: South Africa: Lake Sibaya Reserve Station: TM: 2 [2 - 2 - 2].
- 4 February 1976: Ethiopia: Mekinissa: CM: 1 [1 - 1 - 1].
- 29 February 1976: South Africa: Pietermaritzburg: SMF: 1 [1 - 1 - 1].
- 30 March 1976: South Africa: Hester Malan Wild Flower Reserve: TM: 1 [1 - 1 - 1].
- 25 April 1976: South Africa: Kosi Bay estuary: TM: 1 [1 - 1 - 1].
- 26 April 1976: South Africa: Bloemfontein: NMB: 1 [1] - Kosi Bay estuary: TM: 10 [10 - 11 - 11].
- 17 August 1976: South Africa: Farm Bokveld, on Limpopo River: TM: 1 [1 - 1 - 1].
- 20 September 1976: South Africa: Bloemfontein: NMB: 1 [1 - 1 - 1].
- 3 January 1977: South Africa: Vernon Crookes Nature Reserve: TM: 1 [1 - 1 - 1].
- 3 February 1977: South Africa: Farm Keikampspoort 71: TM: 1 [1 - 1 - 1].
- 8 February 1977: South Africa: Farm Keikampspoort 71: TM: 3 [3 - 3 - 3].
- 27 April 1977: South Africa: Farm Malata: TM: 1 [1] - Farm Malta: TM: 1 [1 - 2 - 2].
- 29 April 1977: South Africa: The Downs: TM: 2 [2 - 2 - 2].
- 1 May 1977: South Africa: The Downs: TM: 1 [1 - 1 - 1].
- 4 May 1977: South Africa: The Downs: TM: 9 [9 - 9 - 9].
- 16 May 1977: South Africa: Mission Rocks: TM: 4 [4 - 4 - 4].

- 15 September 1977: South Africa: Bloemfontein: NMB: 1 [1 - 1 - 1].
- 4 December 1977: South Africa: Farm Makalali: TM: 1 [1 - 1 - 1].
- 8 December 1977: South Africa: Farm Makalali: TM: 1 [1 - 1 - 1].
- 12 December 1977: South Africa: Makalali Farm: TM: 2 [2 - 2 - 2].
- 3 January 1978: South Africa: Vernon Crookes Nature Reserve: TM: 13 [13 - 13 - 13].
- 23 January 1978: South Africa: Vernon Crookes Nature Reserve: TM: 1 [1 - 1 - 1].
- 9 February 1978: South Africa: Cederberg, Algeria State Forest, campsite: TM: 1 [1 - 1 - 1].
- 9 March 1978: South Africa: Waterkloof: TM: 1 [1 - 1 - 1].
- 15 March 1978: Zimbabwe: Chirinda Pools: NHMZ: 1 [1 - 1 - 1].
- 26 March 1978: Ethiopia: Lalibela: MZUF: 4 [4 - 4 - 4].
- 29 March 1978: South Africa: Dumisa Gold Mine: TM: 2 [2 - 2 - 2].
- 12 April 1978: South Africa: Doornhoek: TM: 3 [3 - 3 - 3].
- 17 May 1978: South Africa: Groendal Wilderness Area: TM: 3 [3 - 3 - 3].
- 19 May 1978: South Africa: Groendal Wilderness Area: TM: 1 [1 - 1 - 1].
- 22 May 1978: South Africa: Ladybrand: NMB: 1 [1 - 1 - 1].
- 1 June 1978: Namibia: Bat's hole [=Bats cave]: TM: 2 [2 - 2 - 2].
- 18 June 1978: Central African Republic: Gounda camp: CM: 2 [2 - 2 - 2].
- 23 October 1978: South Africa: Munthouse, Visagie Street: TM: 1 [1 - 1 - 1].
- 1 November 1978: South Africa: De Hoop Provincial Nature Reserve: TM: 13 [13 - 13 - 13].
- 7 November 1978: South Africa: Dumisa Gold Mine: TM: 1 [1 - 1 - 1].
- 7 December 1978: South Africa: Dumisa Gold Mine: TM: 1 [1 - 1 - 1].
- 8 December 1978: South Africa: Baberton: TM: 5 [5 - 5 - 5].
- 11 December 1978: South Africa: Baberton: TM: 1 [1 - 1 - 1].
- 12 December 1978: South Africa: Baberton: TM: 2 [2 - 2 - 2].
- 13 December 1978: South Africa: Baberton: TM: 1 [1 - 1 - 1].
- 7 January 1979: South Africa: Ventersburg: NMB: 2 [2 - 2 - 2].
- 16 January 1979: South Africa: Stormsriver State Forest Station: TM: 1 [1 - 1 - 1].
- 22 January 1979: South Africa: Karoo National Park: TM: 1 [1 - 1 - 1].
- 30 January 1979: South Africa: Karoo National Park: TM: 1 [1 - 1 - 1].
- 10 February 1979: South Africa: Kammannassie M.C.A [Camp 2]: TM: 1 [1 - 1 - 1].
- 6 May 1979: South Africa: Dumisa Gold Mine: TM: 2 [2] - Pafuri: TM: 2 [2 - 4 - 4].
- 7 May 1979: South Africa: Pafuri: NMB: 1, TM: 4 [5 - 5 - 5].
- 9 May 1979: South Africa: Pafuri: TM: 5 [5 - 5 - 5].
- 10 May 1979: South Africa: Pafuri: TM: 1 [1 - 1 - 1].
- 15 May 1979: South Africa: Matukwata Dam: TM: 1 [1 - 1 - 1].
- 16 May 1979: South Africa: Matukwata Dam: TM: 2 [2] - Punda Malia: TM: 5 [5] - Tshalungwa Fountain [=Shalungwafontein, Tshalungwafontein]: TM: 1 [1 - 8 - 8].
- 17 May 1979: South Africa: Dzundwini: TM: 1 [1 - 1 - 1].
- 8 June 1979: South Africa: Mockford Garden: TM: 1 [1] - Pafuri: TM: 1 [1 - 2 - 2].
- 5 July 1979: South Africa: Crocodile Bridge Rest Camp: TM: 12 [12 - 12 - 12].
- 7 July 1979: South Africa: Malelane: TM: 10 [10 - 10 - 10].
- 10 July 1979: South Africa: Malelane: TM: 1 [1] - Stoltzneck Ranger's Post: TM: 1 [1 - 2 - 2].
- 11 July 1979: South Africa: Stoltzneck Dam: TM: 1 [1 - 1 - 1].
- 14 July 1979: South Africa: Skukuza: TM: 1 [1 - 1 - 1].
- 15 July 1979: South Africa: Skukuza: TM: 7 [7 - 7 - 7].
- 27 August 1979: Somalia: Giohar: MZUF: 1 [1 - 1 - 1].
- 1 September 1979: South Africa: Punda Malia: TM: 1 [1 - 1 - 1].
- 12 September 1979: South Africa: Levuhu hippo pool: TM: 3 [3 - 3 - 3].
- 13 September 1979: South Africa: Levuhu hippo pool: TM: 3 [3 - 3 - 3].
- 14 September 1979: South Africa: Levuhu hippo pool: TM: 4 [4 - 4 - 4].
- 15 September 1979: South Africa: Levuhu hippo pool: TM: 2 [2] - Shirombe pan: TM: 1 [1 - 3 - 3].
- 21 September 1979: South Africa: Punda Malia: TM: 9 [9 - 9 - 9].
- 22 September 1979: South Africa: Punda Malia: TM: 1 [1 - 1 - 1].
- 23 September 1979: South Africa: Punda Malia: TM: 1 [1] - Shashanga windmill: TM: 1 [1 - 2 - 2].
- 3 October 1979: South Africa: Otto's Bluff: TM: 3 [3 - 3 - 3].
- 4 October 1979: South Africa: Luckhoff: NMB: 2 [2 - 2 - 2].
- 26 October 1979: South Africa: Farm Goudhoek: TM: 1 [1 - 1 - 1].
- 29 October 1979: South Africa: Farm Goudhoek: TM: 6 [6 - 6 - 6].
- 7 November 1979: South Africa: Ventersburg: NMB: 3 [3 - 3 - 3].
- 15 November 1979: South Africa: Bloemfontein: NMB: 1 [1 - 1 - 1].
- 18 November 1979: South Africa: Saasveld Forestry Research Station: TM: 2 [2 - 2 - 2].
- 29 November 1979: South Africa: Thaba Nchu: NMB: 5 [5 - 5 - 5].
- 10 January 1980: South Africa: Otto's Bluff: TM: 4 [4 - 4 - 4].
- 4 February 1980: South Africa: Senekal: NMB: 1 [1 - 1 - 1].
- 11 February 1980: South Africa: Edenburg: NMB: 3 [3 - 3 - 3].
- 12 February 1980: South Africa: Edenburg: NMB: 2 [2 - 2 - 2].
- 14 February 1980: South Africa: Ithala Game Reserve [=Ithala Nature Reserve]: TM: 1 [1 - 1 - 1].
- 10 March 1980: South Africa: Bethlehem: NMB: 3 [3 - 3 - 3].
- 19 May 1980: South Africa: Bultfontein: NMB: 6 [6 - 6 - 6].
- 28 October 1980: Namibia: Swartkop Diamond Area No.1: TM: 1 [1 - 1 - 1].
- 29 October 1980: Namibia: Swartkop Diamond Area No.1: TM: 1 [1 - 1 - 1].
- 7 December 1980: South Africa: Mission Rocks Outpost: TM: 1 [1 - 1 - 1].
- 8 December 1980: South Africa: Bloemfontein: NMB: 1 [1 - 1 - 1].
- 9 December 1980: South Africa: St.Lucia: TM: 2 [2 - 2 - 2].
- 11 December 1980: South Africa: Shore Nature Reserve, NE: TM: 2 [2 - 2 - 2].
- 12 December 1980: South Africa: Mission Rocks Outpost: TM: 1 [1 - 1 - 1].

- 14 December 1980: South Africa: Mission Rocks Outpost: TM: 2 [2 - 2 - 2].
- 18 December 1980: South Africa: Oribi Gorge Nature Reserve: TM: 1 [1 - 1 - 1].
- 19 December 1980: South Africa: Oribi Gorge Nature Reserve: TM: 1 [1 - 1 - 1].
- 20 December 1980: South Africa: Oribi Gorge Nature Reserve: TM: 1 [1 - 1 - 1].
- 1 January 1981: South Africa: Oribi Gorge Nature Reserve: TM: 2 [2 - 2 - 2].
- 14 January 1981: South Africa: Durban: TM: 1 [1] - Westville: TM: 7 [7 - 8 - 8].
- 29 January 1981: South Africa: Levuvhu Hippo Pool: TM: 1 [1 - 1 - 1].
- 30 January 1981: South Africa: Westville: TM: 1 [1 - 1 - 1].
- 4 February 1981: South Africa: Senekal: NMB: 3 [3 - 3 - 3].
- 8 March 1981: South Africa: Vrede: NMB: 2 [2 - 2 - 2].
- 10 March 1981: South Africa: Itala National Park: TM: 1 [1 - 1 - 1].
- 6 May 1981: South Africa: Vredefort: NMB: 1 [1 - 1 - 1].
- 10 May 1981: South Africa: Madlangula: TM: 1 [1 - 1 - 1].
- 23 May 1981: South Africa: Boshof: NMB: 1 [1 - 1 - 1].
- 23 September 1981: South Africa: Riebeeckstad: NMB: 6 [6 - 6 - 6].
- 2 October 1981: Zimbabwe: Rhodes Inyanga National Park: TM: 2 [2] - Zimbabwe Ruins: TM: 16 [16 - 18 - 18].
- 4 October 1981: Zimbabwe: Chirinda forest: TM: 1 [1 - 1 - 1].
- 5 October 1981: Zimbabwe: Chirinda forest: TM: 3 [3 - 3 - 3].
- 7 October 1981: Zimbabwe: Old Mine Adit [=Umtali Old mine]: TM: 17 [17 - 17 - 17].
- 11 October 1981: Zimbabwe: Rhodes Inyanga National Park: TM: 2 [2 - 2 - 2].
- 14 October 1981: Zimbabwe: Rusito Forest: TM: 3 [3 - 3 - 3].
- 15 October 1981: Zimbabwe: Rusito Forest: TM: 3 [3 - 3 - 3].
- 16 October 1981: Zimbabwe: Rusito Forest: TM: 7 [7 - 7 - 7].
- 17 October 1981: Zimbabwe: Old Mine Adit [=Umtali Old mine]: TM: 5 [5 - 5 - 5].
- 21 October 1981: South Africa: Senekal: NMB: 2 [2 - 2].
- Zimbabwe: Chikupo cave: TM: 18 [18 - 18 - 20].
- 22 October 1981: Zimbabwe: Lion and Cheetah Park: TM: 2 [2 - 2 - 2].
- 23 October 1981: Zimbabwe: Chikupo cave: TM: 1 [1] - Sengwa Wildlife Research Station: TM: 1 [1 - 2 - 2].
- 26 October 1981: Zimbabwe: Chirisa Cave: TM: 38 [38] - Sengwa Wildlife Research Station: TM: 5 [5 - 43 - 43].
- 28 October 1981: Zimbabwe: Sengwa Wildlife Research Station: TM: 1 [1 - 1 - 1].
- 30 October 1981: Zimbabwe: Gwai Bridge, 6 km W on falls road: TM: 4 [4 - 4 - 4].
- 1 November 1981: Zimbabwe: Rhodes Inyanga National Park: TM: 1 [1] - Rhodes Matopos National Park: TM: 5 [5 - 6 - 6].
- 2 November 1981: Zimbabwe: Rhodes Inyanga National Park: TM: 1 [1] - Rhodes Matopos National Park: TM: 4 [4 - 5 - 5].
- 16 December 1981: South Africa: Vernon Crookes Nature Reserve: TM: 1 [1 - 1 - 1].
- 15 January 1982: South Africa: Howick Village: TM: 1 [1 - 1 - 1].
- 23 January 1982: South Africa: Oribi Gorge Nature Reserve: TM: 2 [2] - Oribi Gorge Nature Reserve, Hutted camp: TM: 1 [1 - 3 - 3].
- 24 January 1982: South Africa: Oribi-Lind Valley Game Ranch: TM: 6 [6 - 6 - 6].
- 27 January 1982: South Africa: Levuvhu Hippo Pool: TM: 3 [3 - 3 - 3].
- 28 January 1982: South Africa: Levuvhu Hippo Pool: TM: 13 [13 - 13 - 13].
- 29 January 1982: South Africa: Anthrax camp: TM: 1 [1] - Levuvhu Hippo Pool: TM: 12 [12 - 13 - 13].
- 3 February 1982: South Africa: Hester Malan Wild Flower Reserve: TM: 3 [3 - 3 - 3].
- 7 February 1982: South Africa: Anthrax camp: TM: 2 [2 - 2 - 2].
- 17 February 1982: South Africa: Harrismith [Kestell]: NMB: 1 [1 - 1 - 1].
- 18 February 1982: South Africa: Verwoerburg: TM: 1 [1 - 1 - 1].
- 16 March 1982: South Africa: Koppies: NMB: 7 [7 - 7 - 7].
- 17 March 1982: South Africa: Koppies: NMB: 1 [1 - 1 - 1].
- 10 April 1982: South Africa: Nwanedzi, 3 km SE: TM: 5 [5 - 5 - 5].
- 11 April 1982: South Africa: Gezantombi waterhole: TM: 6 [6 - 6 - 6].
- 13 April 1982: South Africa: Escombe: DNSM: 1 [1 - 1 - 1].
- 14 April 1982: South Africa: Zastron: NMB: 2 [2 - 2 - 2].
- 16 April 1982: Zimbabwe: Chipinga: TM: 9 [9 - 9 - 9].
- 20 May 1982: South Africa: Ficksburg: NMB: 1 [1 - 1 - 1].
- 18 June 1982: Rwanda: Muhabura: RMCA: 1 [1 - 1 - 1].
- 17 August 1982: South Africa: Vrede: NMB: 2 [2 - 2 - 2].
- 13 September 1982: South Africa: Dewetsdorp: NMB: 1 [1 - 1 - 1].
- 14 September 1982: South Africa: Dewetsdorp: NMB: 1 [1 - 1 - 1].
- 16 September 1982: South Africa: Dewetsdorp: NMB: 1 [1] - Ndumu Game Reserve: TM: 16 [16 - 17 - 17].
- 18 September 1982: South Africa: Ndumu Game Reserve: TM: 10 [10 - 10 - 10].
- 19 September 1982: South Africa: : NHMZ: 2 [2] - Ndumu Game Reserve: TM: 8 [8 - 10 - 10].
- 20 September 1982: South Africa: Ndumu Game Reserve: TM: 7 [7 - 7 - 7].
- 21 September 1982: South Africa: : NHMZ: 1 [1] - Hilton: DNSM: 1 [1 - 2 - 2].
- 27 September 1982: South Africa: Mission Rocks, Bats Cave: TM: 14 [14 - 14 - 14].
- 28 September 1982: South Africa: Cape Vidal: TM: 1 [1 - 1 - 1].
- 29 September 1982: South Africa: Cape Vidal: TM: 14 [14] - Mission Rock: TM: 1 [1 - 15 - 15].
- 14 October 1982: South Africa: Reddersburg: NMB: 3 [3 - 3 - 3].
- 18 November 1982: South Africa: Fauresmith: NMB: 4 [4 - 4 - 4].
- 3 December 1982: South Africa: Mosely: DNSM: 1 [1] - Stainbank Nature Reserve: DNSM: 1 [1 - 2 - 2].
- 9 December 1982: South Africa: Fauresmith [Petrusburg]: NMB: 6 [6 - 6 - 6].
- 13 January 1983: South Africa: Philippolis: NMB: 3 [3 - 3 - 3].
- 25 January 1983: South Africa: Fig Tree Camp: TM: 1 [1 - 1 - 1].
- 9 February 1983: South Africa: Bethulie: NMB: 4 [4 - 4 - 4].
- 15 February 1983: South Africa: Kuruman: TM: 3 [3 - 3 - 3].
- 16 February 1983: South Africa: Farm Woodstock: TM: 1 [1 - 1 - 1].
- 22 February 1983: South Africa: Farm Grootfontein: TM: 1 [1 - 1 - 1].
- 23 February 1983: South Africa: Buxton Mine: TM: 2 [2 - 2 - 2].

- 9 March 1983:** South Africa: Boshof [Hertzogville]: NMB: 2 [2 - 2 - 2].
10 March 1983: South Africa: Boshof [Hertzogville]: NMB: 1 [1 - 1 - 1].
19 March 1983: South Africa: Farm Brakfontein, Koegelbeen Cave: TM: 12 [12 - 12 - 12].
20 April 1983: South Africa: Heilbron: NMB: 2 [2 - 2 - 2].
21 April 1983: South Africa: Heilbron: NMB: 3 [3 - 3 - 3].
14 June 1983: South Africa: Bellsbank Estates: TM: 13 [13 - 13 - 13].
15 June 1983: South Africa: Farm Brakfontein, Koegelbeen Cave: TM: 92 [92] - Gatkoppies: TM: 13 [13 - 105 - 105].
16 June 1983: South Africa: Buxton Mine: TM: 4 [4 - 4 - 4].
5 July 1983: South Africa: Vredefort town: NMB: 1 [1 - 1 - 1].
31 August 1983: South Africa: Fig Tree camp: TM: 9 [9 - 9 - 9].
7 September 1983: South Africa: Ngubevu Mine: TM: 17 [17 - 17 - 17].
9 September 1983: South Africa: Northern Sewage Works: TM: 33 [33 - 33 - 33].
10 September 1983: South Africa: Otto's Bluff: TM: 11 [11 - 11 - 11].
11 September 1983: South Africa: Townbush Cave: TM: 7 [7 - 7 - 7].
14 September 1983: South Africa: Dumisa Gold Mine: TM: 14 [14 - 14 - 14].
16 September 1983: South Africa: Sandile's Cave: TM: 1 [1 - 1 - 1].
23 September 1983: South Africa: Farm Goudhoek: TM: 12 [12 - 12 - 12].
24 September 1983: South Africa: Farm Goudhoek: TM: 20 [20 - 20 - 20].
25 September 1983: South Africa: Farm Goudhoek: TM: 20 [20 - 20 - 20].
29 September 1983: South Africa: Levuvhu River: TM: 1 [1 - 1 - 1].
30 September 1983: South Africa: Levuvhu River: TM: 12 [12 - 12 - 12].
1 October 1983: South Africa: Levuvhu River: TM: 10 [10 - 10 - 10].
2 October 1983: South Africa: : TM: 1 [1] - Levuvhu River: TM: 6 [6 - 7 - 7].
5 October 1983: South Africa: Old Picnic Site: TM: 2 [2] - Skukuza lab buildings: TM: 10 [10 - 12 - 12].
6 October 1983: South Africa: Old Picnic Site: TM: 4 [4] - Skukuza: TM: 9 [9] - Skukuza lab buildings: TM: 11 [11 - 24 - 24].
22 October 1983: South Africa: Skukuza: TM: 12 [12 - 12 - 12].
25 October 1983: South Africa: Old Picnic Site: TM: 1 [1 - 1 - 1].
26 October 1983: South Africa: Lanner Gorge cave: TM: 4 [4 - 4 - 4].
27 October 1983: South Africa: Fig Tree Camp: TM: 9 [9] - Mockford Garden: TM: 5 [5 - 14 - 14].
28 October 1983: South Africa: Erplaas windmill: TM: 5 [5 - 5 - 5].
25 November 1983: South Africa: Farm Leelykstraat 320: MMK: 2 [2 - 2 - 2].
26 November 1983: South Africa: Mockford Garden: TM: 2 [2 - 2 - 2].
27 November 1983: South Africa: Skukuza lab buildings: TM: 7 [7 - 7 - 7].
28 November 1983: South Africa: Fig Tree Camp: TM: 10 [10 - 10 - 10].
29 November 1983: South Africa: Fig Tree Camp: TM: 6 [6 - 6 - 6].
30 November 1983: South Africa: Anthrax camp: TM: 4 [4] - Old Picnic Site: TM: 4 [4 - 8 - 8].
4 December 1983: South Africa: St. Lucia: TM: 1 [1 - 1 - 1].
28 December 1983: South Africa: Culling camp: TM: 11 [11] - Skukuza lab buildings: TM: 4 [4 - 15 - 15].
29 December 1983: South Africa: Fig Tree Camp: TM: 5 [5 - 5 - 5].
30 December 1983: South Africa: Fig Tree Camp: TM: 5 [5 - 5 - 5].
7 January 1984: South Africa: Bloemfontein: NMB: 1 [1 - 1 - 1].
19 January 1984: South Africa: Ladybrand: NMB: 4 [4 - 4 - 4].
25 January 1984: South Africa: Fig Tree Camp: TM: 14 [14] - Skukuza lab buildings: TM: 10 [10 - 24 - 24].
26 January 1984: South Africa: Fig Tree Camp: TM: 1 [1] - Tshalungwa Fountain: TM: 6 [6 - 7 - 7].
27 January 1984: South Africa: Fig Tree Camp: TM: 3 [3 - 3 - 3].
28 January 1984: South Africa: Mashikiri windmill: TM: 4 [4 - 4 - 4].
13 February 1984: South Africa: St. Lucia: TM: 2 [2] - St. Lucia Village: TM: 1 [1 - 3 - 3].
19 February 1984: South Africa: Old Picnic Site: TM: 1 [1 - 1 - 1].
20 February 1984: South Africa: St. Lucia: TM: 1 [1 - 1 - 1].
28 February 1984: South Africa: Anthrax camp: TM: 9 [9] - Skukuza lab buildings: TM: 10 [10 - 19 - 19].
29 February 1984: South Africa: Anthrax camp: TM: 5 [5] - Old Picnic Site: TM: 1 [1 - 6 - 6].
1 March 1984: South Africa: Fig Tree Camp: TM: 13 [13 - 13 - 13].
2 March 1984: South Africa: Fig Tree Camp: TM: 2 [2] - Gwalali Army Camp: TM: 3 [3 - 5 - 5].
4 March 1984: South Africa: Mashikiri windmill: TM: 4 [4 - 4 - 4].
6 March 1984: South Africa: Bangu gorge caves: TM: 1 [1 - 1 - 1].
12 March 1984: South Africa: Ngome Police Station: TM: 1 [1 - 1 - 1].
31 March 1984: South Africa: Anthrax camp: TM: 12 [12] - Skukuza lab buildings: TM: 8 [8 - 20 - 20].
2 April 1984: South Africa: Fig Tree Camp: TM: 5 [5 - 5 - 5].
3 April 1984: South Africa: Fig Tree Camp: TM: 16 [16 - 16 - 16].
4 April 1984: South Africa: Anthrax camp: TM: 2 [2 - 2 - 2].
12 April 1984: South Africa: Nyala and Main Roads junction: TM: 1 [1 - 1 - 1].
18 April 1984: South Africa: Ficksburg, ca 1 km to Clocolan: NMB: 1 [1 - 1 - 1].
19 April 1984: South Africa: Old Picnic Site: TM: 8 [8 - 8 - 8].
22 April 1984: South Africa: Gwalali Army Camp: TM: 1 [1 - 1 - 1].
23 April 1984: South Africa: Mashikiri windmill: TM: 2 [2 - 2 - 2].
24 April 1984: South Africa: Fig Tree Camp: TM: 18 [18] - Levuvhu bridge: TM: 4 [4 - 22 - 22].
25 April 1984: South Africa: Levuvhu bridge: TM: 3 [3] - Skukuza lab buildings: TM: 8 [8 - 11 - 11].
26 April 1984: South Africa: Old Picnic Site: TM: 1 [1 - 1 - 1].
28 April 1984: South Africa: Skukuza lab buildings: TM: 1 [1 - 1 - 1].
2 May 1984: South Africa: Fouriesburg: NMB: 3 [3 - 3 - 3].
5 May 1984: South Africa: Brandfort: NMB: 1 [1 - 1 - 1].
26 May 1984: South Africa: Fig Tree Camp: TM: 2 [2 - 2 - 2].
27 May 1984: South Africa: Old Picnic Site: TM: 4 [4 - 4 - 4].
28 May 1984: South Africa: Old Picnic Site: TM: 2 [2 - 2 - 2].
29 May 1984: South Africa: Old Picnic Site: TM: 3 [3 - 3 - 3].
5 June 1984: South Africa: Skukuza lab buildings: TM: 12 [12 - 12 - 12].

- 23 June 1984: South Africa: Fig Tree Forest: TM: 8 [8] - Skukuza Village: TM: 7 [7 - 15 - 15].
- 24 June 1984: South Africa: Fig Tree Forest: TM: 1 [1 - 1 - 1].
- 26 June 1984: South Africa: Manxeba windmill [=waterhole]: TM: 8 [8 - 8 - 8].
- 27 June 1984: South Africa: Manxeba windmill [=waterhole]: TM: 6 [6 - 6 - 6].
- 29 June 1984: South Africa: Manxeba windmill [=waterhole]: TM: 1 [1 - 1 - 1].
- 30 June 1984: South Africa: Old Picnic Site: TM: 1 [1 - 1 - 1].
- 12 July 1984: South Africa: Lady Grey: NMB: 1 [1 - 1 - 1].
- 26 July 1984: South Africa: Skukuza Town: TM: 12 [12 - 12 - 12].
- 27 July 1984: South Africa: Old Culling camp: TM: 5 [5 - 5 - 5].
- 28 July 1984: South Africa: Manxeba windmill [=waterhole]: TM: 14 [14 - 14 - 14].
- 30 July 1984: South Africa: Manxeba windmill [=waterhole]: TM: 4 [4 - 4 - 4].
- 28 August 1984: South Africa: Anthrax camp: TM: 5 [5 - 5 - 5].
- 29 August 1984: South Africa: Fig Tree Camp: TM: 8 [8 - 8 - 8].
- 30 August 1984: South Africa: Culling Camp: TM: 2 [2 - 2 - 2].
- 31 August 1984: South Africa: Manditobe Dam: TM: 6 [6 - 6 - 6].
- 4 September 1984: South Africa: Skukuza lab buildings: TM: 10 [10] - Skukuza Town: TM: 1 [1 - 11 - 11].
- 12 September 1984: South Africa: Aliwal North: NMB: 4 [4 - 4 - 4].
- 20 September 1984: South Africa: Ladybrand Town: NMB: 1 [1 - 1 - 1].
- 24 September 1984: South Africa: Fig Tree Camp: TM: 11 [11 - 11 - 11].
- 25 September 1984: South Africa: Figtree Forest, downstream: TM: 12 [12 - 12 - 12].
- 26 September 1984: South Africa: Manxeba windmill [=waterhole]: TM: 7 [7 - 7 - 7].
- 30 September 1984: South Africa: Skukuza lab buildings: TM: 7 [7 - 7 - 7].
- 27 October 1984: South Africa: Old Culling camp: TM: 1 [1 - 1 - 1].
- 29 October 1984: South Africa: Fig Tree Camp: TM: 5 [5 - 5 - 5].
- 30 October 1984: South Africa: Fig Tree Camp: CM: 1, TM: 1 [2] - Fig Tree Camp, downstream left hand bank: TM: 1 [1] - Fig Tree Camp, left hand bank: TM: 10 [10] - Figtree Forest: TM: 2 [2 - 15 - 15].
- 31 October 1984: South Africa: Figtree Forest: TM: 3 [3] - Manxeba windmill [=waterhole]: TM: 1 [1 - 4 - 4].
- 1 November 1984: South Africa: Manxeba windmill [=waterhole]: TM: 2 [2 - 2 - 2].
- 2 November 1984: South Africa: Skukuza lab buildings: TM: 9 [9 - 9 - 9].
- 5 November 1984: Namibia: Farm Zwartmodder 101: TM: 1 [1 - 1 - 1].
- 9 November 1984: Namibia: Farm Otjikoko Sud 61 [Pipistrelle Cave]: TM: 3 [3 - 3 - 3].
- 26 November 1984: South Africa: Manxeba windmill [=waterhole]: TM: 1 [1 - 1 - 1].
- 27 November 1984: South Africa: Old Culling camp: TM: 8 [8 - 8 - 8].
- 28 November 1984: South Africa: Manxeba windmill [=waterhole]: TM: 13 [13 - 13 - 13].
- 29 November 1984: South Africa: Fig Tree Camp: TM: 4 [4] - Manxeba windmill [=waterhole]: TM: 1 [1 - 5 - 5].
- 4 December 1984: South Africa: Skukuza lab buildings: TM: 4 [4 - 4 - 4].
- 16 December 1984: South Africa: Kamberg Nature Reserve: TM: 1 [1] - Kamberg Nature Reserve, Gladstone's Nose: TM: 1 [1 - 2 - 2].
- 30 January 1985: South Africa: St. Lucia Lake, eastern shores: TM: 1 [1 - 1 - 1].
- 1 February 1985: South Africa: Old Picnic Site: TM: 3 [3 - 3 - 3].
- 2 February 1985: South Africa: Culling Camp: TM: 9 [9 - 9 - 9].
- 3 February 1985: South Africa: Fig Tree Camp: TM: 1 [1 - 1 - 1].
- 5 February 1985: South Africa: Figtree Forest: TM: 1 [1] - New Figtree camp: TM: 2 [2 - 3 - 3].
- 7 February 1985: South Africa: Manxeba windmill [=waterhole]: TM: 2 [2 - 2 - 2].
- 28 February 1985: South Africa: Skukuza lab buildings: TM: 1 [1 - 1 - 1].
- 9 March 1985: South Africa: Giants Castle Game Reserve: TM: 1 [1 - 1 - 1].
- 14 March 1985: South Africa: Barkly East: NMB: 3 [3 - 3 - 3].
- 3 April 1985: South Africa: Jozini: TM: 1 [1 - 1 - 1].
- 10 April 1985: South Africa: Fig Tree Camp: TM: 6 [6 - 6 - 6].
- 11 April 1985: South Africa: New Figtree camp: TM: 6 [6 - 6 - 6].
- 12 April 1985: South Africa: Old Picnic Site: TM: 6 [6 - 6 - 6].
- 13 April 1985: South Africa: Culling Camp: TM: 1 [1 - 1 - 1].
- 18 April 1985: South Africa: Barkly East: NMB: 1 [1 - 1 - 1].
- 1 June 1985: South Africa: Anthrax camp: TM: 2 [2 - 2 - 2].
- 2 June 1985: South Africa: Fig Tree Camp: TM: 8 [8 - 8 - 8].
- 4 June 1985: South Africa: Witsand Dam: TM: 8 [8 - 8 - 8].
- 5 June 1985: South Africa: Manxeba windmill [=waterhole]: TM: 8 [8 - 8 - 8].
- 13 June 1985: South Africa: Elliot: NMB: 2 [2 - 2 - 2].
- 26 June 1985: South Africa: Bloemfontein: NMB: 1 [1 - 1 - 1].
- 16 July 1985: South Africa: Potchefstroom: NMB: 1 [1 - 1 - 1].
- 24 August 1985: South Africa: Fig Tree Camp: TM: 1 [1] - Fig Tree Forest: TM: 3 [3] - Figtree Forest: TM: 1 [1 - 5 - 5].
- 25 August 1985: South Africa: Old Picnic Site: TM: 3 [3] - Pigeon Valley: TM: 1 [1 - 4 - 4].
- 28 August 1985: South Africa: Maditobe Witsand Dam: TM: 3 [3 - 3 - 3].
- 29 August 1985: South Africa: Manxeba windmill [=waterhole]: TM: 1 [1 - 1 - 1].
- 30 August 1985: South Africa: Fig Tree Camp: TM: 1 [1] - Figtree camp: TM: 2 [2 - 3 - 3].
- 28 October 1985: South Africa: Ladybrand Town: NMB: 1 [1 - 1 - 1].
- 3 November 1985: South Africa: Anthrax camp: TM: 1 [1 - 1 - 1].
- 11 November 1985: South Africa: Elliot: NMB: 1 [1 - 1 - 1].
- 23 November 1985: South Africa: Mockford Garden: TM: 2 [2 - 2 - 2].
- 24 November 1985: South Africa: Pafuri: TM: 4 [4 - 4 - 4].
- 27 November 1985: South Africa: Anthrax camp: TM: 1 [1 - 1 - 1].
- 3 December 1985: South Africa: Skukuza lab buildings: TM: 13 [13 - 13 - 13].
- 18 December 1985: South Africa: Skukuza Town: TM: 14 [14 - 14].
- Zambia: Farm Xanadu: TM: 1 [1 - 1 - 15].
- 4 January 1986: South Africa: St. Lucia Village: TM: 1 [1 - 1 - 1].
- 13 January 1986: South Africa: Barkly East: NMB: 1 [1 - 1 - 1].

- 13 February 1986: South Africa: Jamestown: NMB: 2 [2 - 2 - 2].
- 18 February 1986: South Africa: Albert Falls Public Resort: TM: 1 [1 - 1 - 1].
- 10 March 1986: South Africa: Scottsburgh Golf Course: TM: 1 [1 - 1 - 1].
- 13 March 1986: South Africa: Dordrecht: NMB: 3 [3 - 3 - 3].
- 8 April 1986: South Africa: Jan Smit Steel Works, near: NMB: 1 [1 - 1 - 1].
- 11 May 1986: South Africa: Mockford Garden: TM: 2 [2 - 2 - 2].
- 31 July 1986: South Africa: Sterkstroom: NMB: 2 [2 - 2 - 2].
- 17 August 1986: South Africa: Vredefort: NMB: 1 [1 - 1 - 1].
- 4 September 1986: South Africa: Jamestown: NMB: 1 [1 - 1 - 1].
- 12 September 1986: South Africa: Vredefort: NMB: 1 [1 - 1 - 1].
- 17 September 1986: South Africa: Vredefort: NMB: 2 [2 - 2 - 2].
- 2 October 1986: South Africa: Aliwal North: NMB: 3 [3 - 3 - 3].
- 12 October 1986: South Africa: Manyeleti Game Reserve, Main Camp: TM: 1 [1 - 1 - 1].
- 20 October 1986: South Africa: Gwalali: TM: 2 [2] - New Figtree camp: TM: 1 [1 - 3 - 3].
- 21 October 1986: South Africa: Gwalali: TM: 2 [2 - 2 - 2].
- 4 November 1986: South Africa: Elim Hospital: TM: 1 [1 - 1 - 1].
- 18 November 1986: South Africa: Winburg [Exelsior]: NMB: 13 [13 - 13 - 13].
- 4 December 1986: South Africa: Dordrecht: NMB: 3 [3 - 3 - 3].
- 10 December 1986: South Africa: Lindley: NMB: 1 [1 - 1 - 1].
- 18 December 1986: South Africa: N2 crosses Umhlanga River: TM: 1 [1 - 1 - 1].
- 15 January 1987: South Africa: Maclear: NMB: 2 [2 - 2 - 2].
- 18 February 1987: South Africa: Fig Tree Camp: TM: 1 [1] - Maclear: NMB: 6 [6 - 7 - 7].
- 19 February 1987: South Africa: Maclear: NMB: 1 [1 - 1 - 1].
- 18 March 1987: South Africa: New Muckleneuk: TM: 1 [1 - 1 - 1].
- 25 March 1987: South Africa: Maclear: NMB: 2 [2 - 2 - 2].
- 26 March 1987: South Africa: Maclear: NMB: 6 [6 - 6 - 6].
- 1 April 1987: South Africa: Charter's Creek: TM: 1 [1 - 1 - 1].
- 14 April 1987: South Africa: Zastron: NMB: 42 [42 - 42 - 42].
- 26 April 1987: South Africa: Maclear: NMB: 1 [1] - Ngome Forest Reserve: TM: 1 [1 - 2 - 2].
- 28 April 1987: South Africa: Ngome Forest Reserve: TM: 1 [1 - 1 - 1].
- 29 April 1987: South Africa: Ngome Forest Reserve: TM: 1 [1 - 1 - 1].
- 30 April 1987: South Africa: Ngome Forest Reserve: TM: 1 [1 - 1 - 1].
- 8 May 1987: South Africa: Manyeleti Game Reserve, Main Camp: TM: 1 [1 - 1 - 1].
- 20 May 1987: South Africa: Ficksburg: NMB: 8 [8 - 8 - 8].
- 16 June 1987: South Africa: Mpila Trails Store: TM: 1 [1 - 1 - 1].
- 10 July 1987: South Africa: Ziqhumene: TM: 1 [1 - 1 - 1].
- 15 July 1987: Botswana: Okovango River Lodge: TM: 1 [1 - 1 - 1].
- 9 August 1987: South Africa: Cape Vidal: TM: 1 [1] - Hazelmere Dam: TM: 1 [1 - 2 - 2].
- 23 August 1987: South Africa: St. Lucia: TM: 1 [1 - 1 - 1].
- 30 August 1987: South Africa: Umgeni Hatchery: TM: 1 [1 - 1 - 1].
- 5 October 1987: South Africa: Farm "Clearwater": TM: 1 [1 - 1 - 1].
- 21 October 1987: South Africa: Boshof: NMB: 1 [1 - 1 - 1].
- 27 October 1987: South Africa: Bloemfontein: NMB: 31 [31 - 31 - 31].
- 29 October 1987: South Africa: Waterberg, Farm Klipfontein 54JS: TM: 4 [4 - 4 - 4].
- 6 November 1987: South Africa: Farm Hartebeesthoek: TM: 1 [1 - 1 - 1].
- 2 December 1987: South Africa: Waterberg, Farm Klipfontein 54JS: TM: 1 [1 - 1 - 1].
- 11 December 1987: South Africa: Ngome Forest Reserve: TM: 1 [1 - 1 - 1].
- 2 January 1988: South Africa: Manyeleti Game Reserve, Main Camp: TM: 1 [1 - 1 - 1].
- 3 January 1988: South Africa: St. Lucia Village: TM: 1 [1 - 1 - 1].
- 15 January 1988: South Africa: St. Lucia Village: TM: 2 [2 - 2 - 2].
- 19 January 1988: South Africa: Bobomene Research Camp: TM: 1 [1 - 1 - 1].
- 21 January 1988: South Africa: Maditobe [=Witsand] Dam: TM: 1 [1 - 1 - 1].
- 22 January 1988: South Africa: Bobomene Research Camp: TM: 1 [1 - 1 - 1].
- 24 January 1988: South Africa: Old Picnic Site: TM: 5 [5 - 5 - 5].
- 25 January 1988: South Africa: Letaba Camp, 1 km SE: TM: 4 [4 - 4 - 4].
- 26 January 1988: South Africa: Letaba Rest Camp: TM: 4 [4] - Olifants Camp, 7 km W: TM: 5 [5 - 9 - 9].
- 27 January 1988: South Africa: Kranskloof Nature Reserve: TM: 1 [1] - Waterberg, Farm Klipfontein 54JS: TM: 1 [1 - 2 - 2].
- 29 January 1988: South Africa: Letaba Rest Camp, 8 km SE: TM: 3 [3 - 3 - 3].
- 30 January 1988: South Africa: old bridge over Nwanedzi River: TM: 5 [5 - 5 - 5].
- 1 February 1988: South Africa: Nwanedzi Camp, dam 1 km NWN: TM: 5 [5] - Satara Rest Camp: TM: 2 [2 - 7 - 7].
- 2 February 1988: South Africa: Nwanedzi Camp, dam 1 km NWN: TM: 1 [1] - Satara Rest Camp: TM: 10 [10 - 11 - 11].
- 3 February 1988: South Africa: Roodevaal Private Camp, 2 km SE: TM: 3 [3 - 3 - 3].
- 5 February 1988: South Africa: Sabie River, north bank: TM: 2 [2 - 2 - 2].
- 6 February 1988: South Africa: Loskop Windmill, 17 km N: TM: 2 [2 - 2 - 2].
- 7 February 1988: South Africa: Renosterkoppies, 15 km S: TM: 4 [4 - 4 - 4].
- 10 February 1988: South Africa: Sabie River, north bank: TM: 3 [3] - Tshokwane Picnic spot, 12 km E: TM: 1 [1 - 4 - 4].
- 11 February 1988: South Africa: Kuruman: MMK: 1 [1 - 1 - 1].
- 13 February 1988: South Africa: Lower Sabie Rest Camp, 15 km SE: TM: 1 [1] - Skukuza, 1.5 km NW, Dense woodland upper reaches of Western Water Reservoir: TM: 3 [3 - 4 - 4].
- 14 February 1988: South Africa: bridge at Kruger Gate: TM: 13 [13 - 13 - 13].
- 15 February 1988: South Africa: Figaro Mine: TM: 4 [4 - 4 - 4].
- 24 February 1988: South Africa: Queen Elizabeth Park: TM: 1 [1 - 1 - 1].
- 26 February 1988: South Africa: Waterberg, Lapalala Wilderness area: TM: 1 [1 - 1 - 1].
- 29 February 1988: South Africa: Futululu Research Station: TM: 1 [1 - 1 - 1].
- 9 March 1988: South Africa: Ngome Forest Reserve: TM: 1 [1 - 1 - 1].
- 10 March 1988: Namibia: in Villa...: TM: 1 [1 - 1].

- South Africa: Dukuduku Forest: TM: 3 [3 - 3 - 4].
- 12 March 1988: South Africa: Ngome Forest Reserve: TM: 1 [1 - 1 - 1].
- 14 March 1988: South Africa: Ngome Forest Reserve: TM: 1 [1 - 1 - 1].
- 15 March 1988: Namibia: Nama pan [=Nama dam]: TM: 1 [1 - 1 - 1].
- 20 March 1988: South Africa: Ferncliff: TM: 1 [1 - 1 - 1].
- 25 March 1988: South Africa: bridge at Kruger Gate: TM: 12 [12 - 12 - 12].
- 4 April 1988: South Africa: Ficksburg: NMB: 2 [2 - 2 - 2].
- 27 April 1988: South Africa: bridge at Kruger Gate: TM: 15 [15 - 15 - 15].
- 30 April 1988: South Africa: Voelklip, 7th Street: TM: 1 [1 - 1 - 1].
- 15 May 1988: South Africa: Vhembi, junction of Shashe and Limpopo: TM: 1 [1 - 1 - 1].
- 27 May 1988: South Africa: bridge at Kruger Gate: TM: 8 [8 - 8 - 8].
- 30 May 1988: South Africa: Manyeleti Game Reserve, Main Camp: TM: 1 [1 - 1 - 1].
- 1 June 1988: South Africa: bridge at Kruger Gate: TM: 3 [3 - 3 - 3].
- 10 June 1988: South Africa: Dukuduku Forest: TM: 1 [1 - 1 - 1].
- 25 June 1988: South Africa: Skukuza Village: TM: 13 [13 - 13 - 13].
- 28 June 1988: South Africa: Waterberg, Farm Klipfontein 54JS: TM: 1 [1 - 1 - 1].
- 24 July 1988: South Africa: Skukuza Township: TM: 1 [1] - Skukuza Village: TM: 7 [7 - 8 - 8].
- 25 July 1988: South Africa: Zastron: NMB: 32 [32 - 32 - 32].
- 21 August 1988: South Africa: bridge at Kruger Gate: TM: 7 [7 - 7 - 7].
- 30 August 1988: South Africa: bridge at Kruger Gate: TM: 6 [6 - 6 - 6].
- 5 September 1988: South Africa: Bethlehem: NMB: 1 [1] - Ficksburg: NMB: 3 [3] - Harrismith: NMB: 1 [1 - 5 - 5].
- 6 September 1988: South Africa: Bethlehem: NMB: 1 [1] - Harrismith: NMB: 5 [5 - 6 - 6].
- 25 September 1988: South Africa: bridge at Kruger Gate: TM: 8 [8 - 8 - 8].
- 2 October 1988: South Africa: Dukuduku Forest Station: TM: 2 [2 - 2 - 2].
- 3 October 1988: South Africa: Dukuduku Forest Station: TM: 3 [3 - 3 - 3].
- 5 October 1988: South Africa: Dukuduku Forest Station: TM: 4 [4 - 4 - 4].
- 6 October 1988: South Africa: Dukuduku Forest Station: TM: 5 [5 - 5 - 5].
- 8 October 1988: South Africa: Dukuduku Forest Station: TM: 2 [2 - 2].
- Swaziland: Forbes Reef mine: TM: 1 [1 - 1 - 3].
- 16 October 1988: South Africa: Kosi Lake, Department of Health camp: TM: 2 [2 - 2 - 2].
- 20 October 1988: South Africa: Kosi Lake, Department of Health camp: TM: 1 [1 - 1 - 1].
- 21 October 1988: South Africa: Kosi Lake, Department of Health camp: TM: 1 [1 - 1 - 1].
- 24 October 1988: South Africa: bridge at Kruger Gate: TM: 15 [15 - 15 - 15].
- 25 October 1988: South Africa: Ladybrand Commonage: NMB: 9 [9 - 9 - 9].
- 9 November 1988: South Africa: Blyderivierspoort Nature Reserve, Bourkes Luck: TM: 1 [1 - 1 - 1].
- 10 November 1988: South Africa: Kabusi Forest: TM: 1 [1] - Manyeleti Game Reserve, Main Camp, Albatros: TM: 1 [1 - 2 - 2].
- 11 November 1988: South Africa: Kabusi Forest: TM: 1 [1 - 1 - 1].
- 17 November 1988: South Africa: bridge at Kruger Gate: TM: 14 [14 - 14 - 14].
- 25 November 1988: South Africa: De Hoop Nature Reserve, De Hoop Guano Cave: TM: 3 [3 - 3 - 3].
- 2 December 1988: South Africa: Manyeleti Game Reserve, Main Camp: TM: 1 [1 - 1 - 1].
- 5 December 1988: South Africa: Farm Brakfontein, Koegelbeen Cave: TM: 22 [22 - 22 - 22].
- 29 December 1988: South Africa: bridge at Kruger Gate: TM: 12 [12 - 12 - 12].
- 2 February 1989: Zimbabwe: Iron Mask Hills cave: TM: 1 [1 - 1 - 1].
- 9 February 1989: Zimbabwe: Nyanyana campsite: TM: 1 [1 - 1 - 1].
- 10 February 1989: Lesotho: Mokhotlong: NMB: 27 [27] - Nkokomele, near: NMB: 3 [3 - 30].
- Zimbabwe: Mazoe Citrus Estate: TM: 2 [2 - 2 - 32].
- 11 February 1989: South Africa: Farm Klipfontein 407, Echo caves: TM: 1 [1 - 1 - 1].
- 16 February 1989: South Africa: Loskop Dam Nature Reserve: TM: 1 [1 - 1 - 1].
- 17 April 1989: Lesotho: Pelaneng: NMB: 1 [1 - 1 - 1].
- 16 June 1989: South Africa: Hans Merensky Nature Reserve: TM: 1 [1 - 1 - 1].
- 3 July 1989: Mozambique: Villa Moatize, 17 km E: TM: 1 [1 - 1 - 1].
- 25 August 1989: South Africa: Koegelbeen Caves: NMB: 75 [75 - 75 - 75].
- 26 September 1989: South Africa: Zastron Commonage: NMB: 3 [3] - Zastron Commons: NMB: 1 [1 - 4 - 4].
- 28 September 1989: South Africa: Waterberg, Farm Klipfontein 54JS: TM: 2 [2 - 2 - 2].
- 1 October 1989: South Africa: Figaro Mine: TM: 10 [10 - 10 - 10].
- 17 October 1989: Lesotho: Maseru: NMB: 4 [4 - 4 - 4].
- 18 October 1989: Lesotho: Maseru: NMB: 6 [6 - 6 - 6].
- 19 October 1989: Lesotho: Maseru: NMB: 5 [5] - Thaba Tseka: NMB: 1 [1 - 6 - 6].
- 20 October 1989: Lesotho: Thaba Tseka: NMB: 1 [1 - 1 - 1].
- 21 October 1989: South Africa: WCNP, Bottelary: TM: 1 [1 - 1 - 1].
- 22 October 1989: South Africa: WCNP, Bottelary: TM: 1 [1 - 1 - 1].
- 24 October 1989: Mozambique: Bazaruto Lodge, grounds: TM: 2 [2 - 2 - 2].
- 25 October 1989: South Africa: Ladybrand Commonage: NMB: 4 [4 - 4 - 4].
- 7 November 1989: South Africa: Brooklyn: TM: 1 [1 - 1 - 1].
- 26 November 1989: South Africa: Nylsvlei Provincial Nature Reserve: TM: 1 [1 - 1 - 1].
- 4 December 1989: South Africa: Sinoville: TM: 1 [1 - 1 - 1].
- 11 December 1989: South Africa: Jagersfontein: NMB: 1 [1 - 1 - 1].
- 9 January 1990: South Africa: Zastron: NMB: 1 [1 - 1 - 1].
- 17 January 1990: South Africa: Belfast Town: NMB: 1 [1 - 1 - 1].
- 20 January 1990: South Africa: Farm Faust 743: TM: 10 [10 - 10].
- Zimbabwe: Sentinal Ranch: TM: 1 [1 - 1 - 11].
- 23 January 1990: South Africa: Jagersfontein Commonage: NMB: 4 [4 - 4 - 4].
- 29 January 1990: South Africa: Sterkfontein dam: NMB: 1 [1 - 1 - 1].
- 6 February 1990: South Africa: Clocolan [Excelsior]: NMB: 12 [12 - 12 - 12].
- 10 February 1990: Zimbabwe: Sentinal Ranch: TM: 1 [1 - 1 - 1].
- 12 February 1990: South Africa: Harrismith [Warden]: NMB: 28 [28] - Jagersfontein Commonage: NMB: 11 [11] - Warden:

- NMB: 5 [5 - 44 - 44].
- 15 February 1990: South Africa: Jagersfontein Commonage: NMB: 1 [1 - 1 - 1].
- 16 February 1990: South Africa: Jagersfontein Commonage: NMB: 44 [44 - 44 - 44].
- 28 February 1990: South Africa: Entabeni State Forest: TM: 1 [1 - 1 - 1].
- 2 March 1990: South Africa: Soutpansberg, Buzzard Mountain Sanctuary: TM: 2 [2 - 2 - 2].
- 3 May 1990: South Africa: Grootvadersbosch Forest Reserve: TM: 1 [1 - 1 - 1].
- 6 May 1990: South Africa: Sudwala Cave: TM: 1 [1 - 1 - 1].
- 7 May 1990: Malawi: Chitipa Township: TM: 1 [1 - 1 - 1].
- 17 May 1990: Malawi: Liwonde National Park, Headquarters: TM: 3 [3 - 3 - 3].
- 18 May 1990: Malawi: Liwonde National Park, Headquarters: TM: 2 [2 - 2 - 2].
- 20 May 1990: Malawi: Likabula mission: TM: 2 [2 - 2 - 2].
- 21 May 1990: Malawi: Likabula mission: TM: 2 [2 - 2 - 2].
- 22 May 1990: Malawi: Likabula mission: TM: 3 [3 - 3 - 3].
- 23 May 1990: Malawi: Likabula mission: TM: 2 [2 - 2 - 2].
- 1 July 1990: Zimbabwe: Mana Pools National Park: TM: 1 [1 - 1 - 1].
- 1 October 1990: South Africa: Boshof: NMB: 19 [19 - 19 - 19].
- 8 October 1990: South Africa: Bloemfontein: NMB: 1 [1 - 1 - 1].
- 22 October 1990: South Africa: Bobomene Research Camp: TM: 1 [1 - 1 - 1].
- 23 October 1990: South Africa: Fig Tree Camp: TM: 1 [1] - Old Fig Tree Forest: TM: 2 [2 - 3 - 3].
- 28 October 1990: South Africa: Harrismith: NMB: 10 [10 - 10 - 10].
- 27 November 1990: South Africa: Bethlehem: NMB: 7 [7] - Golden Gate: NMB: 1 [1 - 8 - 8].
- 28 November 1990: South Africa: Golden Gate: NMB: 3 [3] - Harrismith: NMB: 15 [15 - 18 - 18].
- 19 January 1991: South Africa: Skukuza: TM: 6 [6] - Skukuza lab buildings: TM: 1 [1 - 7 - 7].
- 1 February 1991: South Africa: Farm Schulpfontien No.472, 16km NW: TM: 1 [1 - 1 - 1].
- 2 February 1991: South Africa: Farm Schulpfontien No.472, 16km NW: TM: 1 [1 - 1 - 1].
- 6 February 1991: South Africa: Goegap Nature Reserve: TM: 1 [1 - 1 - 1].
- 3 May 1991: South Africa: De Hoek Forest Station: TM: 1 [1 - 1 - 1].
- 27 June 1991: South Africa: Zastron: NMB: 1 [1 - 1 - 1].
- 21 August 1991: South Africa: Pongolapoort Dam: TM: 1 [1 - 1 - 1].
- 16 October 1991: Lesotho: Thaba-Tseka: NMB: 3 [3 - 3 - 3].
- 11 November 1991: Lesotho: Quthing: NMB: 1 [1 - 1 - 1].
- 12 November 1991: Lesotho: Quthing: NMB: 1 [1 - 1 - 1].
- 13 November 1991: Lesotho: Quthing: NMB: 1 [1 - 1 - 1].
- 12 December 1991: Lesotho: Semonkong: NMB: 20 [20 - 20 - 20].
- 26 January 1992: South Africa: Luckhoff: NMB: 2 [2 - 2 - 2].
- 29 January 1992: Lesotho: Quacha's Neck [= White Hill]: NMB: 3 [3 - 3 - 3].
- 20 February 1992: Lesotho: Oxbow: NMB: 1 [1 - 1 - 1].
- 5 March 1992: Lesotho: Sehonghong: NMB: 2 [2 - 2 - 2].
- 10 March 1992: Lesotho: Sehonghong: NMB: 2 [2 - 2 - 2].
- 13 March 1992: South Africa: Staff Picnic site: TM: 3 [3 - 3 - 3].
- 17 March 1992: South Africa: Skukuza: TM: 3 [3 - 3 - 3].
- 4 April 1992: South Africa: Trompsburg town: NMB: 1 [1 - 1 - 1].
- 6 May 1992: South Africa: Jacobsdal: NMB: 1 [1 - 1 - 1].
- 20 July 1992: South Africa: Nylsvlei Provincial Nature Reserve: TM: 1 [1 - 1 - 1].
- 28 July 1992: South Africa: Lister Point: DNSM: 1 [1 - 1 - 1].
- 12 August 1992: South Africa: Orange River Station: NMB: 1 [1 - 1 - 1].
- 17 September 1992: South Africa: Hanover: NMB: 3 [3 - 3 - 3].
- 20 October 1992: Lesotho: Botsoela [= Malealea]: NMB: 1 [1 - 1 - 1].
- 21 October 1992: Lesotho: Botsoela [= Malealea]: NMB: 1 [1 - 1].
- South Africa: Baviaanspoort Sewage Works: TM: 2 [2 - 2 - 3].
- 27 December 1992: South Africa: Three Rivers, 11 Spey Drive: TM: 1 [1 - 1 - 1].
- 19 February 1993: South Africa: Hathaway: DNSM: 1 [1 - 1 - 1].
- 23 February 1993: South Africa: Doorndraai Dam Nature Reserve: TM: 1 [1 - 1 - 1].
- 24 February 1993: South Africa: Doorndraai Dam Nature Reserve: TM: 1 [1 - 1 - 1].
- 12 March 1993: South Africa: Waterberg, Farm Klipfontein 54JS: TM: 1 [1 - 1 - 1].
- 14 March 1993: South Africa: Messina Nature Reserve: TM: 1 [1 - 1 - 1].
- 15 March 1993: South Africa: Messina Nature Reserve: TM: 1 [1 - 1 - 1].
- 19 March 1993: South Africa: Percy Fyfe Nature Reserve: TM: 1 [1 - 1 - 1].
- 28 June 1993: South Africa: Soekmekaar, Groenbult: TM: 1 [1 - 1 - 1].
- 28 February 1994: Swaziland: Mlawula Nature Reserve: TM: 2 [2 - 2 - 2].
- 20 March 1994: Swaziland: Big Bend: TM: 1 [1 - 1 - 1].
- 2 April 1994: Swaziland: Mlawula Nature Reserve: TM: 2 [2 - 2 - 2].
- 8 April 1994: Swaziland: Malolotja Nature Reserve: TM: 1 [1 - 1 - 1].
- 14 July 1994: South Africa: Fauresmith: NMB: 1 [1 - 1 - 1].
- 22 July 1994: Swaziland: Luyengo: TM: 1 [1 - 1 - 1].
- 12 August 1994: South Africa: Sunnyside, DeKock Street: TM: 1 [1 - 1 - 1].
- 19 October 1994: South Africa: Qwa-Qwa National Park: NMB: 1 [1 - 1 - 1].
- 21 November 1994: Zimbabwe: Rukameshi River on SN Game Fence: TM: 1 [1 - 1 - 1].
- 10 April 1995: South Africa: Tembe Elephant Park: TM: 2 [2 - 2 - 2].
- 11 April 1995: South Africa: Farm Sarum 245LS, Buzzard Mountain Retreat: TM: 1 [1 - 1 - 1].
- 9 May 1995: Swaziland: Kwaluseni: TM: 2 [2 - 2 - 2].
- 7 June 1995: Swaziland: St. Joseph's: TM: 1 [1 - 1 - 1].
- 13 June 1995: Swaziland: Sikhunyana: TM: 1 [1 - 1 - 1].
- 4 July 1995: Swaziland: Hlane: TM: 1 [1 - 1 - 1].
- 4 August 1995: South Africa: Mountain View: TM: 1 [1 - 1 - 1].
- 21 October 1995: Swaziland: Ngwenya [=Byrhtes]: TM: 1 [1 - 1 - 1].

- 4 January 1996: Swaziland: St. Joseph's: TM: 1 [1 - 1 - 1].
 7 January 1996: Swaziland: Ndabasezwe High School: TM: 1 [1 - 1 - 1].
 10 January 1996: Swaziland: Allen's Farm: TM: 1 [1 - 1 - 1].
 18 January 1996: Swaziland: Allen's Farm: TM: 1 [1 - 1 - 1].
 6 February 1996: South Africa: Winburg: NMB: 3 [3 - 3].
 Swaziland: Franson Christian High: TM: 1 [1 - 1 - 4].
 14 February 1996: South Africa: Farm Hilda [=V.L.NR.]: TM: 1 [1 - 1 - 1].
 15 February 1996: Swaziland: Bar Circle Ranches: TM: 2 [2] - Big Bend: TM: 1 [1 - 3 - 3].
 1 March 1996: Swaziland: Nkwene High School: TM: 1 [1 - 1 - 1].
 6 March 1996: Swaziland: Franson Christian High: TM: 1 [1] - Sithobela Primary School: TM: 1 [1 - 2 - 2].
 24 March 1996: South Africa: Isipingo, 2 Sykes Road: TM: 11 [11 - 11 - 11].
 3 April 1996: Swaziland: St. Peregrines: TM: 1 [1 - 1 - 1].
 7 April 1996: Swaziland: Mbutfu Primary School: TM: 1 [1 - 1 - 1].
 18 April 1996: Swaziland: Mkhuzweni Primary School: TM: 1 [1 - 1 - 1].
 21 April 1996: Swaziland: St. Florence Mission: TM: 1 [1 - 1 - 1].
 22 April 1996: Swaziland: St. Florence Mission: TM: 1 [1 - 1 - 1].
 9 May 1996: Swaziland: Dinedor Ranch: TM: 1 [1 - 1 - 1].
 10 May 1996: Swaziland: Dinedor Ranch: TM: 1 [1 - 1 - 1].
 8 October 1996: South Africa: Winburg: NMB: 2 [2 - 2 - 2].
 21 October 1996: Swaziland: Ngwenya [=Byrhtes]: TM: 1 [1 - 1 - 1].
 10 November 1996: South Africa: Winburg: NMB: 2 [2 - 2 - 2].
 22 February 1997: South Africa: Koegelbeen Caves: NMB: 9 [9 - 9 - 9].
 1 April 1997: Mozambique: Xai Xai: TM: 1 [1 - 1 - 1].
 8 October 1997: South Africa: Phillipolis: NMB: 2 [2 - 2 - 2].
 4 March 1998: Swaziland: Maguga: NMB: 1 [1 - 1 - 1].
 5 March 1998: Swaziland: Maguga: NMB: 4 [4 - 4 - 4].
 6 March 1998: Swaziland: Maguga: NMB: 11 [11 - 11 - 11].
 9 March 1998: Swaziland: Maguga: NMB: 2 [2 - 2 - 2].
 1 June 1998: South Africa: Ngwenya: TM: 2 [2 - 2 - 2].
 6 September 1998: Swaziland: Sandleni Primary School: TM: 1 [1 - 1 - 1].
 22 February 1999: South Africa: Hoopstad: NMB: 1 [1 - 1 - 1].
 1 November 1999: Lesotho: Thaba-Tseka: NMB: 1 [1 - 1 - 1].
 7 February 2000: WP: Sandrivierbrug: NMB: 1 [1 - 1 - 1].
 12 April 2000: South Africa: Hoopstad: NMB: 2 [2 - 2 - 2].
 26 May 2001: South Africa: Sabie Forest Rest Area: TM: 1 [1 - 1 - 1].

Total Specimens for ? : Collector Unknown: 7877

(Earl of Derby)

Collection Date Unknown: The Gambia: Gambia: BMNH: 1 [1 - 1 - 1].

Total Specimens for (Earl of Derby): 1

Abbeeloos

Collection Date Unknown: Congo (Democratic Republic of the): Paulis [=Isiro]: RMCA: 2 [2 - 2 - 2].

5 January 1950: Congo (Democratic Republic of the): Paulis [=Isiro]: RMCA: 1 [1 - 1 - 1].

10 December 1950: Congo (Democratic Republic of the): Paulis [=Isiro]: RMCA: 1 [1 - 1 - 1].

Total Specimens for Abbeeloos: 4

Abdel Musin and Hamid

Collection Date Unknown: Sudan: Khartoum, University Campus: SMF: 1 [1 - 1 - 1].

Total Specimens for Abdel Musin and Hamid: 1

Achten

Collection Date Unknown: Congo (Democratic Republic of the): Kasai province: RMCA: 1 [1 - 1 - 1].

Total Specimens for Achten: 1

Adam, F.

7 October 1971: Senegal: Saboya: MNHN: 24 [24 - 24 - 24].

8 October 1971: Senegal: Saboya: MNHN: 1 [1 - 1 - 1].

17 December 1971: Senegal: Saboya: MNHN: 5 [5 - 5 - 5].

8 February 1972: Senegal: Koular: MNHN: 5 [5 - 5 - 5].

Total Specimens for Adam, F.: 35

Adam, Jean-Paul

Collection Date Unknown: Congo: Grotte du Viaduc: MNHN: 1 [1 - 1 - 1].
19 June 1964: Congo: Grotte de Doumboula: MNHN: 1 [1 - 1 - 1].
9 January 1967: Congo: Kouilou: MNHN: 1 [1 - 1 - 1].

Total Specimens for Adam, Jean-Paul: 3

Adametz

Collection Date Unknown: Cameroon: Bamundjinda: ZMB: 1 [1 - 1 - 1].

Total Specimens for Adametz: 1

Aellen, Villy

16 September 1947: Cameroon: Rei Bouba: MHNG: 1 [1 - 1 - 1].
18 July 1949: Cameroon: Ngaouyanga: MHNG: 1 [1 - 1 - 1].
13 May 1953: Côte D'Ivoire: Duekoue: MHNG: 1 [1 - 1 - 1].
26 June 1953: Côte d'Ivoire: Adiopodoumé: MHNG: 1 [1 - 1 - 1].
15 July 1953: Côte d'Ivoire: Adiopodoumé: MHNG: 1 [1 - 1 - 1].
16 July 1953: Côte D'Ivoire: Banco, forêt de: MHNG: 1 [1 - 1 - 1].
20 July 1953: Côte d'Ivoire: Adiopodoumé: MHNG: 2 [2 - 2 - 2].
24 July 1953: Côte D'Ivoire: Cosrou: MHNG: 2 [2 - 2 - 2].
14 August 1953: Côte d'Ivoire: Adiopodoumé: MHNG: 1 [1 - 1 - 1].
18 August 1953: Côte d'Ivoire: Adiopodoumé: MHNG: 1 [1 - 1 - 1].
19 August 1953: Côte D'Ivoire: Cosrou: MHNG: 2 [2 - 2 - 2].
20 August 1953: Côte d'Ivoire: Adiopodoumé: MHNG: 1 [1 - 1 - 1].

Total Specimens for Aellen, Villy: 15

Aellen, Villy and Monard, A.

14 January 1947: Cameroon: Kribi: MHNG: 1 [1 - 1 - 1].

Total Specimens for Aellen, Villy and Monard, A.: 1

Afrikanische Gesellschaft

Collection Date Unknown: Angola: Chinchoxo: ZMB: 8 [8 - 8 - 8].

Total Specimens for Afrikanische Gesellschaft: 8

Aguesse, P.

Collection Date Unknown: Guinea: Ziela: MNHN: 1 [1 - 1 - 1].

Total Specimens for Aguesse, P.: 1

Ahlers, Mennie

Collection Date Unknown: South Africa: Waterberg, Farm Dirleton 276, Brombeek 271/2: TM: 2 [2 - 2 - 2].

Total Specimens for Ahlers, Mennie: 2

Aidley

30 December 1973: Kenya: Simba: BMNH: 1 [1 - 1 - 1].

Total Specimens for Aidley: 1

Akpan, S.B.

Collection Date Unknown: Nigeria: Ibadan: USNM: 1 [1 - 1 - 1].
30 May 1967: Nigeria: Dada: USNM: 9 [9 - 9 - 9].

Total Specimens for Akpan, S.B.: 10

Albany Museum, donated

Collection Date Unknown: South Africa: Albany district: SAMC: 1 [1 - 1 - 1].
24 August 1982: South Africa: Albany district: SAMC: 1 [1 - 1 - 1].

Total Specimens for Albany Museum, donated: 2

Alexander, Capt.

Collection Date Unknown: Namibia: Damaraland: BMNH: 1 [1 - 1 - 1].

Total Specimens for Alexander, Capt.: 1

Alexander-Gosling Expedition

18 April 1906: Congo (Democratic Republic of the): Likandi river [=Litaki river]: BMNH: 1 [1 - 1 - 1].

Total Specimens for Alexander-Gosling Expedition: 1

Alexandre, Frère

Collection Date Unknown: Tanzania: Zanzibar: MNHN: 2 [2 - 2 - 2].

Total Specimens for Alexandre, Frère: 2

Allen, G.M. (Phillips Sudan Expedition)

22 January 1913: Sudan: Aradeiba: MCZ: 3 [3 - 3 - 3].

Total Specimens for Allen, G.M. (Phillips Sudan Expedition): 3

Allen, Glover Morrill

6 August 1909: Kenya: Meru River: MCZ: 1 [1 - 1 - 1].

7 August 1909: Kenya: Meru river: AMNH: 1 [1 - 1 - 1].

11 August 1909: Kenya: Meru River: MCZ: 1 [1 - 1 - 1].

6 January 1913: Sudan: Bados: FMNH: 1 [1 - 1 - 1].

9 January 1913: Sudan: El Garef: FMNH: 1 [1 - 1 - 1].

16 July 1926: Liberia: Monrovia: FMNH: 2 [2 - 2 - 2].

Total Specimens for Allen, Glover Morrill: 7

Allen, H.J. and Turner, H.J.A. (?)

8 November 1915: Kenya: Yala river: RMCA: 1 [1 - 1 - 1].

10 November 1915: Kenya: Yala river: RMCA: 1 [1 - 1 - 1].

5 December 1915: Kenya: Yala river: NRM: 1 [1 - 1 - 1].

Total Specimens for Allen, H.J. and Turner, H.J.A. (?): 3

Alletson, J.

23 March 1984: South Africa: Underberg, Trout hatchery: TM: 1 [1 - 1 - 1].

Total Specimens for Alletson, J.: 1

Allison, A.

6 April 1962: Sierra Leone: Musaia: BMNH: 1 [1 - 1 - 1].

Total Specimens for Allison, A.: 1

Allison, F.R.

Collection Date Unknown: Nigeria: Benin [City]: BMNH: 1 [1 - 1].

Sierra Leone: Makeni: BMNH: 2 [2] - Musaia: BMNH: 2 [2 - 4 - 5].

10 November 1958: Ghana: Sogakofe: BMNH: 1 [1 - 1 - 1].

5 July 1959: Ethiopia: Ghibbey valley: BMNH: 1 [1 - 1 - 1].

16 July 1959: Ethiopia: Robi: BMNH: 1 [1 - 1 - 1].

2 October 1959: Ethiopia: Woliso: HZM: 1 [1 - 1 - 1].

14 October 1959: Ethiopia: Woliso: HZM: 1 [1 - 1 - 1].

9 May 1962: Sierra Leone: Musaia: BMNH: 1 [1 - 1 - 1].

18 May 1962: Sierra Leone: Musaia: BMNH: 1 [1 - 1 - 1].

19 June 1967: Sudan: Disa: BMNH: 1 [1 - 1 - 1].

20 August 1967: Sudan: Disa: BMNH: 1 [1 - 1 - 1].

25 August 1967: Sudan: Disa: BMNH: 1 [1 - 1 - 1].

Total Specimens for Allison, F.R.: 15

Allison, F.R. and Barry, D.H.

26 June 1965: Ghana: Kumasi: BMNH: 1 [1 - 1 - 1].

Total Specimens for Allison, F.R. and Barry, D.H.: 1

Anatom. Sammlung

Collection Date Unknown: Sudan: Sennar [=Sennaar]: ZMB: 3 [3 - 3].
Tanzania: Zanzibar: ZMB: 1 [1 - 1 - 4].

Total Specimens for Anatom. Sammlung: 4

Anchieta, José Alberto de Oliveira

Collection Date Unknown: Angola: Caconda: BMNH: 1 [1] - Cahata: MNHN: 1 [1] - Galanga: MNHN: 2 [2] - Humbe: MSNG: 1 [1] - Quibula, Cahata, north of Quanza River, Pungo Andongo: BMNH: 1 [1 - 6 - 6].

Total Specimens for Anchieta, José Alberto de Oliveira: 6

Anciaux de Faveaux, Felix

Collection Date Unknown: Congo (Democratic Republic of the): Dethiox caves: SMF: 2 [2] - Kamatanda: SMF: 2 [2] - Kasoma cave: SMF: 9 [9] - Lubudi: SMF: 2 [2 - 15 - 15].

11 June 1958: Congo (Democratic Republic of the): Pempere cave: SMF: 2 [2 - 2 - 2].

11 November 1959: Congo (Democratic Republic of the): Tenke, Mwela-Pande cave: SMF: 1 [1 - 1 - 1].

4 June 1960: Congo (Democratic Republic of the): Dethiox caves: SMF: 5 [5 - 5 - 5].

11 June 1960: Congo (Democratic Republic of the): Kakontwe, Kalomoni cave: SMF: 1 [1 - 1 - 1].

7 August 1960: Congo (Democratic Republic of the): Pempere, Crevettes cave: SMF: 1 [1] - Pempere, Defrenne cave: SMF: 2 [2 - 3 - 3].

21 September 1960: Congo (Democratic Republic of the): Kakanda, Kondo cave: SMF: 2 [2 - 2 - 2].

30 June 1962: Congo (Democratic Republic of the): Tantara, cave, "Trou aux Serpents": SMF: 1 [1 - 1 - 1].

16 July 1962: Congo (Democratic Republic of the): Lubudi, Lusolo cave: SMF: 6 [6 - 6 - 6].

18 July 1962: Congo (Democratic Republic of the): Lubudi, Kaboyaboya cave: SMF: 3 [3 - 3 - 3].

21 July 1962: Congo (Democratic Republic of the): Lubudi, Kyasala cave: SMF: 2 [2 - 2 - 2].

23 July 1962: Congo (Democratic Republic of the): Lubudi: SMF: 1 [1] - Lubudi, Kaboyaboya cave: SMF: 3 [3 - 4 - 4].

26 July 1962: Congo (Democratic Republic of the): Lubudi, Mulong cave: SMF: 4 [4 - 4 - 4].

Total Specimens for Anciaux de Faveaux, Felix: 49

Anciaux de Faveaux, Michel

Collection Date Unknown: Rwanda: Simbi cave: KBIN: 1 [1 - 1 - 1].

27 October 1955: Congo (Democratic Republic of the): Keyberg: SMF: 1 [1 - 1 - 1].

22 December 1955: Congo (Democratic Republic of the): Elisabethville [=Lubumbashi]: RMCA: 1 [1 - 1 - 1].

5 January 1956: Congo (Democratic Republic of the): Kalulako: RMCA: 1 [1 - 1 - 1].

6 February 1956: Congo (Democratic Republic of the): Kikanda: RMCA: 1 [1 - 1 - 1].

26 March 1956: Congo (Democratic Republic of the): Kasenga rd, km 36: RMCA: 1 [1 - 1 - 1].

6 April 1956: Congo (Democratic Republic of the): Elisabethville [=Lubumbashi]: RMCA: 1 [1 - 1 - 1].

22 April 1956: Congo (Democratic Republic of the): Elisabethville [=Lubumbashi]: RMCA: 1 [1 - 1 - 1].

18 October 1956: Congo (Democratic Republic of the): St.-Gerard mission: RMCA: 2, SMF: 1 [3 - 3 - 3].

20 October 1956: Congo (Democratic Republic of the): Kakonde: RMCA: 3, SMF: 2 [5 - 5 - 5].

29 September 1957: Congo (Democratic Republic of the): Tantara caves: MHNG: 1 [1 - 1 - 1].

20 October 1957: Congo (Democratic Republic of the): Pempéré caves: RMCA: 1 [1 - 1 - 1].

1 December 1957: Congo (Democratic Republic of the): Jadotville: RMCA: 1 [1 - 1 - 1].

1 April 1958: Congo (Democratic Republic of the): Panda-Camp: RMCA: 1 [1 - 1 - 1].

2 June 1958: Congo (Democratic Republic of the): Jadotville: RMCA: 1 [1 - 1 - 1].

8 June 1958: Congo (Democratic Republic of the): Jadotville: RMCA: 2 [2 - 2 - 2].

2 August 1960: Congo (Democratic Republic of the): Shinkolobwe: KBIN: 3, SMF: 2 [5 - 5 - 5].

22 September 1960: Congo (Democratic Republic of the): Kakanda cave: KBIN: 2 [2 - 2 - 2].

16 July 1962: Congo (Democratic Republic of the): Lubudi-Lusolo: SMF: 1 [1 - 1 - 1].

26 July 1962: Congo (Democratic Republic of the): Lubudi, Mulong cave: SMF: 1 [1 - 1 - 1].

8 September 1962: Congo (Democratic Republic of the): St.-Gerard mission: SMF: 1 [1 - 1 - 1].

1 February 1966: Rwanda: Nyumba cave: KBIN: 8 [8 - 8 - 8].

18 June 1966: Rwanda: Butare: KBIN: 1 [1 - 1 - 1].

25 October 1966: Rwanda: Butare: KBIN: 1 [1 - 1 - 1].

11 November 1966: Rwanda: Butare: KBIN: 2 [2 - 2 - 2].

24 November 1966: Rwanda: Gafumba: KBIN: 5 [5 - 5 - 5].

7 December 1966: Rwanda: Nyumba cave: KBIN: 4 [4 - 4 - 4].

17 December 1966: Rwanda: Nyumba cave: KBIN: 1 [1 - 1 - 1].

19 December 1966: Rwanda: Mugogwe: KBIN: 1 [1 - 1 - 1].

25 December 1966: Rwanda: Butare: KBIN: 1 [1 - 1 - 1].

23 January 1967: Rwanda: Rubona: KBIN: 3 [3 - 3 - 3].

10 April 1968: Rwanda: Simbi cave: KBIN: 1 [1 - 1 - 1].

Total Specimens for Anciaux de Faveaux, Michel: 61

Anciaux de Faveaux, Michel and Lips, M.

- 18 May 1955:** Congo (Democratic Republic of the): Madimao: RMCA: 3 [3 - 3 - 3].
21 September 1955: Congo (Democratic Republic of the): Kiswishi: RMCA: 3 [3 - 3 - 3].
23 September 1955: Congo (Democratic Republic of the): Kikanda: RMCA: 2 [2 - 2 - 2].
27 September 1955: Congo (Democratic Republic of the): Shindaika: RMCA: 4 [4] - Tshisangwe: RMCA: 2 [2 - 6 - 6].
30 September 1955: Congo (Democratic Republic of the): Karavia: RMCA: 2 [2 - 2 - 2].
7 October 1955: Congo (Democratic Republic of the): Kapaso: RMCA: 1 [1 - 1 - 1].
11 October 1955: Congo (Democratic Republic of the): Kiswishi: RMCA: 2 [2 - 2 - 2].
14 October 1955: Congo (Democratic Republic of the): Kaponda: RMCA: 1 [1 - 1 - 1].
16 October 1955: Congo (Democratic Republic of the): Mukuta: RMCA: 5 [5 - 5 - 5].
24 October 1955: Congo (Democratic Republic of the): Nakiluba: RMCA: 1 [1 - 1 - 1].
27 October 1955: Congo (Democratic Republic of the): Keyberg: RMCA: 1 [1 - 1 - 1].
7 November 1955: Congo (Democratic Republic of the): Karavia: RMCA: 4 [4 - 4 - 4].
14 November 1955: Congo (Democratic Republic of the): Nakiluba: RMCA: 2 [2 - 2 - 2].
28 November 1955: Congo (Democratic Republic of the): Lubwa: RMCA: 1 [1 - 1 - 1].
20 December 1955: Congo (Democratic Republic of the): Keyberg: RMCA: 1 [1 - 1 - 1].
22 December 1955: Congo (Democratic Republic of the): Elisabethville [=Lubumbashi]: RMCA: 3 [3 - 3 - 3].
10 January 1956: Congo (Democratic Republic of the): Kasongo: RMCA: 1 [1 - 1 - 1].
2 February 1956: Congo (Democratic Republic of the): Kikanda: RMCA: 3 [3 - 3 - 3].
6 February 1956: Congo (Democratic Republic of the): Kikanda: RMCA: 4 [4 - 4 - 4].

Total Specimens for Anciaux de Faveaux, Michel and Lips, M.: 46

Andersen

- 3 June 1957:** Tanzania: Lembeni: ZFMK: 2 [2 - 2 - 2].
3 July 1957: Tanzania: Sam Deli: ZFMK: 1 [1 - 1 - 1].
28 December 1957: Tanzania: Kidugallo: ZFMK: 1 [1 - 1 - 1].
21 January 1960: Tanzania: Lembeni: ZFMK: 1 [1 - 1 - 1].
23 April 1960: Tanzania: Lembeni: ZFMK: 1 [1 - 1 - 1].
2 May 1960: Tanzania: Lembeni: ZFMK: 3 [3 - 3 - 3].
8 July 1960: Tanzania: Soga: ZFMK: 2 [2 - 2 - 2].
10 July 1960: Tanzania: Soga: ZFMK: 1 [1 - 1 - 1].
11 July 1960: Tanzania: Soga: ZFMK: 2 [2 - 2 - 2].
14 July 1960: Tanzania: Soga: ZFMK: 1 [1 - 1 - 1].
16 July 1960: Tanzania: Soga: ZFMK: 1 [1 - 1 - 1].
19 July 1960: Tanzania: Soga: ZFMK: 1 [1 - 1 - 1].
20 July 1960: Tanzania: Soga: ZFMK: 1 [1 - 1 - 1].
25 July 1960: Tanzania: Dar es Salaam: ZFMK: 3 [3 - 3 - 3].
26 July 1960: Tanzania: Soga: ZFMK: 4 [4 - 4 - 4].
27 July 1960: Tanzania: Soga: ZFMK: 2 [2 - 2 - 2].
30 July 1960: Tanzania: Soga: ZFMK: 1 [1 - 1 - 1].
30 October 1960: Tanzania: Soga: ZFMK: 3 [3 - 3 - 3].
17 July 1962: Tanzania: Mikindani: ZFMK: 1 [1 - 1 - 1].
18 July 1962: Tanzania: Mikindani: ZFMK: 3 [3 - 3 - 3].
24 July 1962: Tanzania: Mikindani: ZFMK: 1 [1 - 1 - 1].
14 August 1962: Tanzania: Mikindani: ZFMK: 3 [3 - 3 - 3].
13 December 1963: Tanzania: Mikindani: ZFMK: 4 [4 - 4 - 4].

Total Specimens for Andersen: 43

Andersen, Th.

- Collection Date Unknown:** Congo (Democratic Republic of the): Irsac labo: ZFMK: 1 [1 - 1 - 1].
17 June 1957: Tanzania: Lembeni: ZFMK: 1 [1 - 1 - 1].
21 June 1957: Tanzania: Lembeni: ZFMK: 1 [1 - 1 - 1].
10 July 1957: Tanzania: Same: SMNS: 1 [1 - 1 - 1].
11 July 1957: Tanzania: Dali: ZFMK: 1 [1 - 1 - 1].
12 July 1957: Tanzania: Dali: ZFMK: 1 [1 - 1 - 1].
23 August 1957: Tanzania: Lembeni: SMNS: 1 [1 - 1 - 1].
26 August 1957: Tanzania: Lembeni: ZFMK: 1 [1 - 1 - 1].
4 November 1957: Tanzania: Lembeni: SMNS: 2 [2 - 2 - 2].
7 December 1957: Tanzania: Kidugallo: SMNS: 1 [1 - 1 - 1].
8 December 1957: Tanzania: Kidugallo: ZFMK: 1 [1 - 1 - 1].
23 December 1957: Tanzania: Kidugallo: SMNS: 1 [1 - 1 - 1].
17 March 1960: Tanzania: Lembeni: ZFMK: 1 [1 - 1 - 1].
18 March 1960: Tanzania: Lembeni: ZFMK: 1 [1 - 1 - 1].
21 March 1960: Tanzania: Lembeni: ZFMK: 1 [1 - 1 - 1].
18 April 1960: Tanzania: Lembeni: ZFMK: 1 [1 - 1 - 1].
27 April 1960: Tanzania: Lembeni: ZFMK: 2 [2 - 2 - 2].
11 May 1960: Tanzania: Lembeni: ZFMK: 1 [1 - 1 - 1].
8 July 1960: Tanzania: Soga: ZFMK: 1 [1 - 1 - 1].
9 July 1960: Tanzania: Soga: ZFMK: 1 [1 - 1 - 1].
17 July 1960: Tanzania: Kugulwira: NMBE: 1 [1] - Morogoro: ZFMK: 3 [3 - 4 - 4].
21 July 1960: Tanzania: Kisarawe: ZFMK: 2 [2 - 2 - 2].

- 1 August 1960:** Tanzania: Soga: ZFMK: 4 [4 - 4 - 4].
2 August 1960: Tanzania: Soga: ZFMK: 3 [3 - 3 - 3].
4 August 1960: Tanzania: Soga: NMBE: 1 [1 - 1 - 1].
18 August 1960: Tanzania: Kisarawe: ZFMK: 1 [1 - 1 - 1].
6 September 1960: Tanzania: Kisarawe: ZFMK: 1 [1 - 1 - 1].
18 July 1962: Tanzania [=former Tanganyika]: Mikindani: SMF: 3 [3 - 3 - 3].
14 August 1962: Tanzania [=former Tanganyika]: Mikindani: SMF: 1 [1 - 1 - 1].
5 September 1962: Tanzania: Mikindani: ZFMK: 1 [1 - 1 - 1].
1 October 1962: Tanzania: Mikindani: ZFMK: 1 [1 - 1 - 1].
12 December 1963: Tanzania: Mikindani: ZFMK: 2 [2 - 2 - 2].
17 March 1964: Tanzania [=former Tanganyika]: Mikindani: SMF: 1 [1 - 1 - 1].
20 March 1964: Tanzania [=former Tanganyika]: Mikindani: SMF: 4 [4 - 4 - 4].
21 March 1964: Tanzania [=former Tanganyika]: Mikindani: SMF: 5 [5 - 5 - 5].
17 June 1964: Tanzania: Mikindani: ZFMK: 1 [1 - 1 - 1].
28 September 1964: Tanzania [=former Tanganyika]: Mikindani: SMF: 1 [1 - 1 - 1].
1 October 1964: Tanzania [=former Tanganyika]: Mikindani: SMF: 4 [4 - 4 - 4].
11 February 1966: Tanzania: Mikindani: SMF: 9 [9 - 9 - 9].
14 February 1966: Tanzania [=former Tanganyika]: Mikindani: SMF: 2 [2 - 2 - 2].
22 May 1966: Tanzania: Mikindani: SMF: 11 [11 - 11 - 11].
30 May 1966: Tanzania [=former Tanganyika]: Mikindani: SMF: 1 [1 - 1 - 1].
2 June 1966: Tanzania [=former Tanganyika]: Mikindani: SMF: 1 [1 - 1 - 1].
22 June 1966: Tanzania [=former Tanganyika]: Mikindani: SMF: 3 [3 - 3 - 3].
6 July 1966: Tanzania [=former Tanganyika]: Mikindani: SMF: 1 [1 - 1 - 1].

Total Specimens for Andersen, Th.: 90

Anderson, J.

Collection Date Unknown: Egypt: Giza [=Gizeh]: BMNH: 2 [2 - 2 - 2].

Total Specimens for Anderson, J.: 2

Anderson, John (dr.)

Collection Date Unknown: Egypt: Aswan: BMNH: 1 [1] - Cairo, Gizeh and Theben, between: BMNH: 2 [2] - Gizeh: BMNH: 1 [1] - Karnak: BMNH: 2 [2] - Khayzan: BMNH: 1 [1 - 7 - 7].

Total Specimens for Anderson, John (dr.): 7

Anderson, Mr.

Collection Date Unknown: Namibia: Olifants Vlei: BMNH: 2 [2 - 2 - 2].

Total Specimens for Anderson, Mr.: 2

Anderson, Mrs. and Anderson, John (dr.)

Collection Date Unknown: Egypt: Beltim: BMNH: 1 [1 - 1 - 1].

Total Specimens for Anderson, Mrs. and Anderson, John (dr.): 1

Anderson, Mrs. and Witherby, H.F.

Collection Date Unknown: Sudan: Jebel Aulia: BMNH: 2 [2 - 2 - 2].

10 May 1900: Sudan: Jebel Aulia: BMNH: 1 [1 - 1 - 1].

12 May 1900: Sudan: Wad Marium: BMNH: 1 [1 - 1 - 1].

Total Specimens for Anderson, Mrs. and Witherby, H.F.: 4

Anderson, P.

Collection Date Unknown: South Africa: Durban North, 8 Portland Crescent: DNSM: 1 [1 - 1 - 1].

Total Specimens for Anderson, P.: 1

Anderson, Th.

Collection Date Unknown: Tanzania: Kidugallo: SMF: 1 [1 - 1].

Tanzania [=former Tanganyika]: Mikindani: SMF: 28 [28 - 28 - 29].

Total Specimens for Anderson, Th.: 29

Andersson, C.J.

8 August 1859: Namibia: Olifant's Vlei [= Elephant Vlei / Vley]: BMNH: 1 [1 - 1 - 1].

10 August 1859: Namibia: Olifant's Vlei [= Elephant Vlei / Vley]: BMNH: 1 [1 - 1 - 1].

Total Specimens for Andersson, C.J.: 2

Andersson, Tomes

Collection Date Unknown: Namibia: Otjoro [=Otjihoro]: ZMB: 1 [1 - 1 - 1].

Total Specimens for Andersson, Tomes: 1

Andral, dr.

Collection Date Unknown: Ethiopia: Manera forest: MNHN: 1 [1 - 1 - 1].

Total Specimens for Andral, dr.: 1

Andreini

Collection Date Unknown: Eritrea: Adi Ugri: MZUF: 10 [10 - 10 - 10].

Total Specimens for Andreini: 10

Andulege and Mdumu

15 April 1985: Tanzania: Morningside: SMF: 1 [1 - 1 - 1].

Total Specimens for Andulege and Mdumu: 1

Anema, L.

Collection Date Unknown: Congo (Democratic Republic of the): Banana: ZMA: 1 [1 - 1 - 1].

Total Specimens for Anema, L.: 1

Ansell, W.D.H.

Collection Date Unknown: Zambia: Muyombe: HZM: 1 [1 - 1 - 1].

14 July 1973: Zambia: Mwombezhi river: HZM: 1 [1 - 1 - 1].

27 July 1973: Zambia: Jumbe river: HZM: 1 [1 - 1 - 1].

30 July 1973: Zambia: Kanyale stream: HZM: 1 [1 - 1 - 1].

Total Specimens for Ansell, W.D.H.: 4

Ansell, W.F.H.

Collection Date Unknown: Zambia: Chipongwe Cave: NMZL: 1 [1] - Fort Jameson: NHMZ: 1 [1] - Kafue Gorge: RMCA: 1 [1] - Kafue Gorge, near: BMNH: 2 [2] - Mazabuka: BMNH: 1 [1] - Missale Old Mine: BMNH: 2 [2] - Mwanya: BMNH: 1 [1] - Ngwerere cave: SMF: 3 [3] - Solwezi Boma: BMNH: 2 [2 - 14 - 14].

19 February 1948: Zambia: Kasempa Boma: KM: 1 [1 - 1 - 1].

3 July 1949: Zambia: Lunga pontoon: BMNH: 2, KM: 2 [4 - 4 - 4].

11 March 1952: Zambia: Solwezi Boma: BMNH: 2 [2 - 2 - 2].

28 April 1952: Zambia: Solwezi Boma: BMNH: 2 [2 - 2 - 2].

25 November 1952: Zambia: Mazabuka Boma: BMNH: 1 [1 - 1 - 1].

11 February 1953: Zambia: Mazabuka Boma: BMNH: 1 [1 - 1 - 1].

3 January 1955: Zambia: Mazabuka Boma: HZM: 1 [1 - 1 - 1].

14 January 1956: Zambia: Mazabuka Boma: HZM: 1 [1 - 1 - 1].

8 May 1956: Zambia: Ndola: HZM: 1 [1 - 1 - 1].

8 February 1957: Zambia: Chizera: HZM: 1 [1 - 1 - 1].

20 January 1959: Zambia: Manyinga River: HZM: 1 [1 - 1 - 1].

3 March 1959: Zambia: Chavuma area: BMNH: 1 [1 - 1 - 1].

31 March 1959: Zambia: Kabompo Boma: HZM: 1 [1 - 1 - 1].

13 May 1959: Zambia: Kafue Gorge: RMCA: 1 [1 - 1 - 1].

14 June 1959: Zambia: Chingji: HZM: 1 [1 - 1 - 1].

24 July 1959: Zambia: Kasompe: HZM: 1 [1 - 1 - 1].

14 November 1959: Zambia: Kabompo district: RMCA: 1 [1 - 1 - 1].

27 November 1959: Zambia: Kapombo Boma: HZM: 1 [1 - 1 - 1].

8 January 1962: Zambia: Chikundulu river: BMNH: 1 [1 - 1 - 1].

15 February 1963: Zambia: Missale Old Mine: BMNH: 1 [1 - 1 - 1].

17 August 1963: Zambia: Pwira Pan: BMNH: 1 [1 - 1 - 1].

5 February 1964: Zambia: Kongwe Hill: BMNH: 2 [2 - 2 - 2].

6 February 1964: Zambia: Kongwe Hill: BMNH: 2 [2 - 2 - 2].

4 March 1964: Zambia: Mpomwa Hills: BMNH: 1 [1 - 1 - 1].

28 March 1964: Zambia: Mfuwe: BMNH: 1 [1 - 1 - 1].

29 March 1964: Zambia: Luangwa: BMNH: 2 [2 - 2 - 2].

30 March 1964: Zambia: Luangwa: BMNH: 2 [2 - 2 - 2].

- 26 August 1964: Zambia: Nyimba and Fort Jameson, between: BMNH: 1 [1 - 1 - 1].
 4 March 1966: Zambia: Lusaka: BMNH: 1 [1 - 1 - 1].
 11 November 1969: Zambia: Mpemba village: AMNH: 2 [2 - 2 - 2].
 1 January 1970: Zambia: Lochinvar ranch: HZM: 1 [1 - 1 - 1].
 29 April 1971: Zambia: Lonchinvar: HZM: 1 [1 - 1 - 1].
 20 April 1972: Zambia: Mongu: HZM: 1 [1 - 1 - 1].
 22 September 1972: Zambia: Chinzombo: SMF: 3 [3 - 3 - 3].
 30 October 1972: Zambia: Chilanga: HZM: 1 [1 - 1 - 1].
 31 October 1972: Zambia: Ngwerere cave: SMF: 1 [1 - 1 - 1].
 14 July 1973: Zambia: Nyabikwa Kabompo confluence: HZM: 1 [1 - 1 - 1].
 10 March 1974: Zambia: Lusaka: HZM: 1 [1 - 1 - 1].
 7 August 1974: Zambia: Mumbwa: ZFMK: 2 [2 - 2 - 2].

Total Specimens for Ansell, W.F.H.: 66

Ansell, W.F.H. and Tree, A.J.

- 17 August 1963: Zambia: Pwira Pan: BMNH: 2 [2 - 2 - 2].

Total Specimens for Ansell, W.F.H. and Tree, A.J.: 2

Ansell, W.F.H. and Wilson, V.J.

- Collection Date Unknown: Zambia: Petauke: BMNH: 1 [1 - 1 - 1].
 5 February 1964: Zambia: Kongwe Hill: BMNH: 4 [4 - 4 - 4].
 6 February 1964: Zambia: Kongwe Hill: BMNH: 3 [3 - 3 - 3].

Total Specimens for Ansell, W.F.H. and Wilson, V.J.: 8

Ansorge, W.J. (dr.)

- Collection Date Unknown: Angola: Bungo: BMNH: 1 [1] - Dondo: BMNH: 3 [3] - Duque de Bragança: BMNH: 1 [1] - Malange
 [=Malanje]: BMNH: 1 [1 - 6].
 Congo: Tschiloango [=Tchilounga]: ZMB: 1 [1 - 1].
 Gabon: Ogewa: ZMB: 2 [2 - 2 - 9].
 4 June 1900: Guinea-Bissau: Gunnal: BMNH: 1 [1 - 1 - 1].
 18 June 1903: Angola: Pungo Andongo: BMNH: 1 [1 - 1 - 1].
 11 May 1906: Angola: Bungo: BMNH: 2 [2 - 2 - 2].
 8 July 1908: Angola: Cassoalalla: BMNH: 1 [1 - 1 - 1].

Total Specimens for Ansorge, W.J. (dr.): 14

Ansorge, W.J. (dr.) / Brit. Museum

- Collection Date Unknown: Angola: N'Kuta, Loango: ZMB: 1 [1 - 1 - 1].

Total Specimens for Ansorge, W.J. (dr.) / Brit. Museum: 1

Anthony, Harold Elmer

- 11 August 1946: Malawi: Nkhota-Kota: AMNH: 1 [1 - 1 - 1].

Total Specimens for Anthony, Harold Elmer: 1

Antinori

- 30 November 1884: Ethiopia: Let Marefia: MNHN: 1 [1 - 1 - 1].

Total Specimens for Antinori: 1

Aram

- 24 June 1957: Malawi: Karonga: HZM: 1 [1 - 1 - 1].

Total Specimens for Aram: 1

Arata

- 17 February 1977: Sudan: Nzara: BMNH: 1 [1 - 1 - 1].

Total Specimens for Arata: 1

Archer, A.L.

Collection Date Unknown: Botswana: Xugana: USNM: 2 [2 - 2].
 Uganda: Bugoma Forest: LACM: 3 [3 - 3 - 5].
9 December 1975: Botswana: Xugana: USNM: 1 [1 - 1 - 1].
12 December 1975: Botswana: Xugana: USNM: 2 [2 - 2 - 2].
26 February 1977: Sudan: Gilo, 5 mi S: FMNH: 1 [1 - 1 - 1].
28 February 1977: Sudan: Gilo, 5 mi S: FMNH: 1 [1 - 1 - 1].
25 March 1977: Sudan: Bangangai forest: FMNH: 1 [1 - 1 - 1].

Total Specimens for Archer, A.L.: 11

Archer, A.L. and Williams, A.E.

16 November 1975: Botswana: Xugana: USNM: 2 [2 - 2 - 2].
17 November 1975: Botswana: Xugana: USNM: 2 [2 - 2 - 2].
18 November 1975: Botswana: Xugana: USNM: 1 [1 - 1 - 1].
19 November 1975: Botswana: Xugana: USNM: 1 [1 - 1 - 1].
24 November 1975: Botswana: Xugana: USNM: 1 [1 - 1 - 1].

Total Specimens for Archer, A.L. and Williams, A.E.: 7

Archer, T.

Collection Date Unknown: Sudan: Mongalla: HZM: 1 [1 - 1 - 1].

Total Specimens for Archer, T.: 1

Archer, T. and Sutton, J.

3 March 1974: Sudan: Tonj: ROM: 4 [4 - 4 - 4].
4 March 1974: Sudan: Tonj: ROM: 2 [2 - 2 - 2].
9 December 1974: Sudan: Shambe: ROM: 1 [1 - 1 - 1].

Total Specimens for Archer, T. and Sutton, J.: 7

Arends, N.P.

16 December 1947: South Africa: King Williamstown: AMNH: 1 [1 - 1 - 1].
9 August 1949: Namibia: Nampini: AMNH: 1 [1 - 1 - 1].

Total Specimens for Arends, N.P.: 2

Arlettaz, R.

19 April 1985: Morocco: Aoufouss: MHNG: 1 [1 - 1 - 1].

Total Specimens for Arlettaz, R.: 1

Arnold, H. et al.

Collection Date Unknown: South Africa: Skurweberg cave: TM: 1 [1 - 1 - 1].

Total Specimens for Arnold, H. et al.: 1

Arnold, H.G.

Collection Date Unknown: "Africa": Lobatsi, Korng Nature Reserve: TM: 1 [1 - 1 - 1].
22 September 1941: Botswana: unknown locality: TM: 1 [1 - 1 - 1].

Total Specimens for Arnold, H.G.: 2

Arnold, H.J.

11 October 1957: Botswana: Kaoye: TM: 1 [1 - 1 - 1].

Total Specimens for Arnold, H.J.: 1

Aschemeier, C.R.

Collection Date Unknown: Benin: Kouande: USNM: 2 [2 - 2].
 Ethiopia: Makalle: USNM: 1 [1 - 1].
 Gabon: Omboue: USNM: 15 [15 - 15 - 18].
20 June 1917: Gabon: Omboue: USNM: 1 [1 - 1 - 1].
7 August 1917: Gabon: Omboue: USNM: 1 [1 - 1 - 1].
25 October 1917: Gabon: Fernan Vaz: USNM: 1 [1 - 1 - 1].

Total Specimens for Aschemeier, C.R.: 21

Ash, J.S.

Collection Date Unknown: Ethiopia: Abiata, lake, E coast: USNM: 6 [6] - Aseita: USNM: 7 [7] - Bahadu: USNM: 21 [21] - Bulcha Forest: USNM: 9 [9] - Didessa settlement: USNM: 1 [1] - Ethiopia: SMF: 1 [1] - Gambela: USNM: 1 [1] - Koka: USNM: 19 [19 - 65 - 65].

25 July 1963: Kenya: Athi river: USNM: 3 [3 - 3 - 3].

17 August 1963: Kenya: Athi river: USNM: 2 [2 - 2 - 2].

1 June 1971: Ethiopia: Bulcha Forest: BMNH: 4 [4 - 4 - 4].

4 April 1972: Ethiopia: Gambela: CM: 1 [1 - 1 - 1].

5 July 1972: Ethiopia: Bulcha Forest: CM: 1 [1 - 1 - 1].

9 July 1972: Ethiopia: Bulcha Forest: CM: 1 [1 - 1 - 1].

25 October 1972: Ethiopia: Filwoha Awash: USNM: 1 [1 - 1 - 1].

18 November 1972: Ethiopia: Bulcha Forest: CM: 1 [1 - 1 - 1].

22 November 1972: Ethiopia: Bulcha Forest: CM: 1 [1 - 1 - 1].

20 January 1973: Ethiopia: Didessa settlement: CM: 1 [1 - 1 - 1].

17 September 1975: Ethiopia: Koka: SMF: 1 [1 - 1 - 1].

20 September 1975: Ethiopia: Koka: SMF: 1 [1 - 1 - 1].

1 February 1976: Ethiopia: Bulcha Forest: SMF: 1 [1 - 1 - 1].

12 March 1976: Ethiopia: Abol: USNM: 1 [1 - 1 - 1].

16 July 1976: Ethiopia: Bokonkorio: SMF: 3 [3 - 3 - 3].

Total Specimens for Ash, J.S.: 88

Ashford, R.

Collection Date Unknown: Ethiopia: Omar cave, S of: SMF: 2 [2 - 2 - 2].

Total Specimens for Ashford, R.: 2

Ashley Maberly

2 November 1945: South Africa: Duivelskloof: TM: 1 [1 - 1 - 1].

Total Specimens for Ashley Maberly: 1

Asselberg, Rob; Puylaert, Firmin and Elsen, P.

6 August 1971: Cameroon: Yagoua: RMCA: 1 [1 - 1 - 1].

12 September 1971: Cameroon: Olounou: RMCA: 1 [1 - 1 - 1].

Total Specimens for Asselberg, Rob; Puylaert, Firmin and Elsen, P.: 2

Astrup, M.

Collection Date Unknown: South Africa: Masinda Camp: TM: 1 [1 - 1 - 1].

Total Specimens for Astrup, M.: 1

Audebert, J.

Collection Date Unknown: Madagascar: Mananaro: ZMB: 1 [1 - 1 - 1].

Total Specimens for Audebert, J.: 1

Aurilien, Rv. Fr.

3 May 1950: Rwanda: Butare: RMCA: 1 [1 - 1 - 1].

Total Specimens for Aurilien, Rv. Fr.: 1

Ausoy?, K.J

Collection Date Unknown: Angola: Catumbella [= Benguella]: BMNH: 1 [1 - 1 - 1].

Total Specimens for Ausoy?, K.J.: 1

Awachie, J.B.E.

Collection Date Unknown: Nigeria: Ogbunike: BMNH: 1 [1 - 1 - 1].

Total Specimens for Awachie, J.B.E.: 1

Awernizew

Collection Date Unknown: Tanzania: Amani: ZMB: 1 [1 - 1 - 1].

Total Specimens for Awernizew: 1

Baagøe, Hans J.

Collection Date Unknown: Kenya: Taita: BMNH: 1 [1 - 1].

Tanzania: Mazumba Estate: ZMUC: 11 [11 - 11 - 12].

4 August 1974: Tanzania: Muheza: ZMUC: 16 [16 - 16 - 16].

Total Specimens for Baagøe, Hans J.: 28

Babault, Guy

Collection Date Unknown: Congo (Democratic Republic of the): Kadjuju: RMCA: 6 [6 - 6].

Tunisia: Metlaoui and Redeyef, between: MNHN: 1 [1] - Redeyef: MNHN: 1 [1 - 2 - 8].

Total Specimens for Babault, Guy: 8

Bachmann

Collection Date Unknown: South Africa: Lydenburg: ZMB: 3 [3] - Pondoland: ZMB: 1 [1 - 4 - 4].

Total Specimens for Bachmann: 4

Back, H.E.

Collection Date Unknown: Algeria: Tit: ZFMK: 1 [1 - 1 - 1].

12 October 1980: Egypt: Ras Abu el Darag: ZFMK: 1 [1 - 1 - 1].

Total Specimens for Back, H.E.: 2

Baeten, Benny and Janssens, Luc

18 December 1984: Rwanda: Nyamjumba: RMCA: 1 [1 - 1 - 1].

5 January 1985: Rwanda: Shangji: RMCA: 2 [2 - 2 - 2].

Total Specimens for Baeten, Benny and Janssens, Luc: 3

Baeten, Benny; De Vree, Frits; Van Cakenberghe, Victor; and Van der Straeten Erik

7 October 1981: Rwanda: Butare: RMCA: 1 [1 - 1 - 1].

11 October 1981: Rwanda: Karama: RMCA: 2 [2 - 2 - 2].

12 October 1981: Rwanda: Karama: RMCA: 1 [1 - 1 - 1].

24 October 1981: Rwanda: Mutura: RMCA: 1 [1 - 1 - 1].

2 November 1981: Rwanda: Kitabi: RMCA: 1 [1 - 1 - 1].

3 November 1981: Rwanda: Kitabi: RMCA: 1 [1 - 1 - 1].

5 November 1981: Rwanda: Kitabi: RMCA: 1 [1 - 1 - 1].

15 November 1981: Rwanda: Nyamata: RMCA: 8 [8 - 8 - 8].

16 November 1981: Rwanda: Nyamata: RMCA: 35 [35 - 35 - 35].

17 November 1981: Rwanda: Nyamata: RMCA: 25 [25 - 25 - 25].

22 November 1981: Rwanda: Rukira [=Rukara]: RMCA: 1 [1 - 1 - 1].

Total Specimens for Baeten, Benny; De Vree, Frits; Van Cakenberghe, Victor; and Van der Straeten Erik: 77

Baettcher, J.W.

17 July 1966: Kenya: Kilifi, 2 mi W: WNMU: 1 [1 - 1 - 1].

21 July 1966: Kenya: Sokoke forest: WNMU: 1 [1 - 1 - 1].

Total Specimens for Baettcher, J.W.: 2

Bailey, A.M.

11 October 1926: Ethiopia: Addis Ababa: FMNH: 1 [1 - 1 - 1].

5 March 1927: Ethiopia: Wahina: FMNH: 1 [1 - 1 - 1].

Total Specimens for Bailey, A.M.: 2

Baker

12 October 1981: Tanzania: Kurasini area: SMF: 2 [2 - 2 - 2].

Total Specimens for Baker: 2

Baker, Niel

11 April 1982: Tanzania: Lugoda Tea Estate: SMF: 1 [1 - 1 - 1].

Total Specimens for Baker, Niel: 1

Balme, F.N.

Collection Date Unknown: Namibia: Ngweze: KM: 1 [1 - 1 - 1].

Total Specimens for Balme, F.N.: 1

Bampton, I.

Collection Date Unknown: Tanzania: Tanga: USNM: 3 [3 - 3 - 3].

17 July 1963: Tanzania: Tanga: USNM: 1 [1 - 1 - 1].

Total Specimens for Bampton, I.: 4

Barbe C

5 April 2004: South Africa: Lebanon Sappi plantation: TM: 1 [1 - 1 - 1].

Total Specimens for Barbe C: 1

Barboza du Bocage, José Vicente

Collection Date Unknown: Angola: Benguela: MZUF: 1 [1 - 1 - 1].

Total Specimens for Barboza du Bocage, José Vicente: 1

Barley, Alen H.

Collection Date Unknown: Kenya: Menengai: BMNH: 1 [1 - 1 - 1].

Total Specimens for Barley, Alen H.: 1

Barlow

Collection Date Unknown: Namibia: Liebig's Ranch: TM: 3 [3 - 3 - 3].

29 May 1937: Namibia: Oshikanga: TM: 1 [1 - 1 - 1].

Total Specimens for Barlow: 4

Barlow C

20 June 2001: South Africa: Balule Private Nature Reserve, Oliphants River: TM: 1 [1 - 1 - 1].

Total Specimens for Barlow C: 1

Barlow TM-Expedition, the

29 May 1937: Namibia: Oshikanga: TM: 4 [4 - 4 - 4].

15 August 1937: South Africa: Farm Goodhouse 23: TM: 1 [1 - 1 - 1].

31 August 1937: South Africa: Van Wyksvlei: TM: 6 [6 - 6 - 6].

Total Specimens for Barlow TM-Expedition, the: 11

Barrington, F.M. and Pine, R.H.

21 June 1960: Kenya: Masabubu: CM: 1 [1 - 1 - 1].

Total Specimens for Barrington, F.M. and Pine, R.H.: 1

Barros Machados, A.

Collection Date Unknown: Angola: Dundo Lundo: FMNH: 5 [5 - 5 - 5].

Total Specimens for Barros Machados, A.: 5

Barry, D.H.

Collection Date Unknown: Ghana: Kumasi: BMNH: 1 [1] - Pong Tamale: BMNH: 1 [1 - 2 - 2].
28 October 1960: Ghana: Kumasi-Dunkwa road: BMNH: 1 [1 - 1 - 1].
24 July 1961: Ghana: Tumu area: BMNH: 1 [1 - 1 - 1].
30 July 1963: Ghana: Pong Tamale: BMNH: 1 [1 - 1 - 1].

Total Specimens for Barry, D.H.: 5

Barry, T.

Collection Date Unknown: South Africa: Tierkloof: SAMC: 2 [2 - 2 - 2].

Total Specimens for Barry, T.: 2

Barteville

Collection Date Unknown: Congo (Democratic Republic of the): Boma: RMCA: 1 [1 - 1 - 1].

Total Specimens for Barteville: 1

Bartlett

Collection Date Unknown: Madagascar: no specific locality: ZMB: 2 [2 - 2 - 2].

Total Specimens for Bartlett: 2

Barton, O.

Collection Date Unknown: Chad: Kyabe: AMNH: 1 [1 - 1 - 1].

Total Specimens for Barton, O.: 1

Basilio, Aurelio (Rev.)

Collection Date Unknown: Equatorial Guinea: Banapa: AMNH: 1 [1] - Fernando Po [=Bioko island]: AMNH: 1 [1 - 2 - 2].

Total Specimens for Basilio, Aurelio (Rev.): 2

Baswell

24 February 1984: Tanzania: Lugoda Tea Estate: SMF: 1 [1 - 1 - 1].

Total Specimens for Baswell: 1

Bate, D.M.A.

Collection Date Unknown: Crete: Mount Gova: TM: 1 [1 - 1 - 1].

Total Specimens for Bate, D.M.A.: 1

Bates, G.L.

Collection Date Unknown: Cameroon: Bitey: BMNH: 3, RMCA: 1 [4] - Efulen: BMNH: 8 [8 - 12].
 Congo (Democratic Republic of the): Congo river, 75 mi up: USNM: 1 [1 - 1].
 Equatorial Guinea: Benito river: BMNH: 1 [1] - Benito River, 15 mi [= 24 km] from mouth: BMNH: 1 [1 - 2 - 15].
3 June 1897: Gabon: Como River, almost sea-level: BMNH: 1 [1 - 1 - 1].
11 December 1897: Equatorial Guinea: Benito river: BMNH: 1 [1 - 1 - 1].
22 January 1898: Equatorial Guinea: Benito river: BMNH: 1 [1 - 1 - 1].
7 September 1899: Equatorial Guinea: Benito river: BMNH: 1 [1 - 1 - 1].
24 July 1901: Cameroon: Efulen: BMNH: 1 [1 - 1 - 1].
14 August 1901: Cameroon: Efulen: BMNH: 1 [1 - 1 - 1].
23 January 1906: Cameroon: Dja river: BMNH: 1 [1 - 1 - 1].
11 August 1909: Cameroon: Bitey: RMCA: 1 [1 - 1 - 1].
19 November 1909: Cameroon: Bitey: BMNH: 1 [1 - 1 - 1].
17 October 1911: Cameroon: Bitey: BMNH: 1 [1 - 1 - 1].
11 December 1911: Cameroon: Bitey: RMCA: 1 [1 - 1 - 1].
24 February 1912: Cameroon: Bitey: RMCA: 1 [1 - 1 - 1].
5 June 1912: Cameroon: Bitey: RMCA: 1 [1 - 1 - 1].
3 September 1912: Cameroon: Bitey: BMNH: 2 [2 - 2 - 2].
23 September 1912: Cameroon: Bitey: RMCA: 1 [1 - 1 - 1].
13 August 1913: Cameroon: Bitey: BMNH: 1 [1 - 1 - 1].
24 November 1913: Cameroon: Bitey: BMNH: 1 [1 - 1 - 1].
20 December 1913: Cameroon: Bitey: BMNH: 1 [1 - 1 - 1].

8 April 1914: Cameroon: Bitye: BMNH: 1 [1 - 1 - 1].
 20 May 1921: Cameroon: Bitye: BMNH: 1 [1 - 1 - 1].
 29 May 1921: Cameroon: Bitye: BMNH: 1 [1 - 1 - 1].
 3 December 1921: Cameroon: Bitye: BMNH: 1 [1 - 1 - 1].
 6 February 1922: Cameroon: Bitye: BMNH: 1 [1 - 1 - 1].
 22 March 1922: Cameroon: Bitye: BMNH: 1 [1 - 1 - 1].
 28 March 1922: Cameroon: Bitye: BMNH: 1 [1 - 1 - 1].

Total Specimens for Bates, G.L.: 41

Bates, G.L. and Rosenberg, G.

Collection Date Unknown: Cameroon: Bitye: ZMB: 1 [1 - 1 - 1].
 24 May 1906: Cameroon: Bitye: BMNH: 1 [1 - 1 - 1].
 16 February 1912: Cameroon: Bitye: RMCA: 1 [1 - 1 - 1].
 18 February 1922: Cameroon: Bitye: BMNH: 1 [1 - 1 - 1].

Total Specimens for Bates, G.L. and Rosenberg, G.: 4

Battersby, J.C.

Collection Date Unknown: Kenya: Murri: BMNH: 1 [1 - 1 - 1].

Total Specimens for Battersby, J.C.: 1

Baudon, A.

31 October 1921: Central African Republic: Ouham area: MNHN: 1 [1 - 1 - 1].

Total Specimens for Baudon, A.: 1

Bauer, R.G.

20 January 1965: Kenya: Mweiga, 10 mi NW: YPM: 2 [2 - 2 - 2].

Total Specimens for Bauer, R.G.: 2

Baum, H.

22 October 1968: Kenya: Ruivi: SMF: 1 [1 - 1 - 1].

Total Specimens for Baum, H.: 1

Baumann

Collection Date Unknown: Ghana: Kete: ZMB: 3 [3] - Kete Kratchi: ZMB: 1 [1 - 4].
 Togo: Misahöhe [=Missahohé]: ZMB: 8 [8 - 8 - 12].

Total Specimens for Baumann: 12

Baxter

Collection Date Unknown: Tanzania: Moshi: BMNH: 1 [1 - 1 - 1].

Total Specimens for Baxter: 1

Bayer

20 June 1914: Kenya: Baringo, lake: RMCA: 2 [2 - 2 - 2].

Total Specimens for Bayer: 2

Bayet, P.

Collection Date Unknown: Congo (Democratic Republic of the): Beno: RMCA: 10 [10 - 10 - 10].

Total Specimens for Bayet, P.: 10

Bayliss, J.

16 February 1995: Tanzania: Kwangumi Forest Reserve: SMF: 1 [1 - 1 - 1].
 2 September 1995: Tanzania: Bamba-Mlungi Forest Reserve: SMF: 1 [1 - 1 - 1].

Total Specimens for Bayliss, J.: 2

Bayliss, J. et al. (Frontier-Project)

Collection Date Unknown: Tanzania: Bamba-Mlungi Forest Reserve: SMF: 1 [1 - 1 - 1].

Total Specimens for Bayliss, J. et al. (Frontier-Project): 1

Bayon, E. (dr.)

Collection Date Unknown: Uganda: Bugala island: SMF: 1 [1] - Entebbe: AMNH: 1 [1] - Victoria Nyanza [=Lake Victoria]: AMNH: 1 [1 - 3 - 3].

Total Specimens for Bayon, E. (dr.): 3

Beccari, Odoardo (dr.)

Collection Date Unknown: Egypt: Cairo: ZMB: 1 [1 - 1].
Ethiopia: Abyssinia: ZMB: 1 [1 - 1 - 2].

Total Specimens for Beccari, Odoardo (dr.): 2

Beck

Collection Date Unknown: Namibia: Damaraland: ZMB: 1 [1 - 1 - 1].

Total Specimens for Beck: 1

Becquet

29 December 1927: Congo (Democratic Republic of the): Mukishi: RMCA: 1 [1 - 1 - 1].

Total Specimens for Becquet: 1

Bedford, J.A.H.

Collection Date Unknown: South Africa: Sycamore Station: TM: 1 [1 - 1 - 1].

Total Specimens for Bedford, J.A.H.: 1

Begg

5 January 1964: Zimbabwe: Fairfield park: HZM: 2 [2 - 2 - 2].

Total Specimens for Begg: 2

Belk

Collection Date Unknown: Namibia: Walfischbay [=Walvis Bay]: ZMB: 1 [1 - 1 - 1].

Total Specimens for Belk: 1

Bell and Leakey

Collection Date Unknown: Kenya: Kavirongo Gulf, S coast: BMNH: 1 [1 - 1 - 1].

Total Specimens for Bell and Leakey: 1

Bell, H.W. and Karley

Collection Date Unknown: South Africa: : TM: 1 [1] - Durban: TM: 1 [1 - 2 - 2].
4 February 1923: South Africa: Greytown: TM: 1 [1 - 1 - 1].

Total Specimens for Bell, H.W. and Karley: 3

Bellier, Louis

Collection Date Unknown: Cote D'Ivoire: Ivory Coast: RMCA: 26 [26] - Lamto Ecology Station: RMCA: 1, ZMB: 1 [2 - 28].
Côte d'Ivoire: Adiopodoumé: RMCA: 15 [15 - 15 - 43].

12 October 1966: Côte d'Ivoire: Adiopodoumé: RMCA: 1 [1 - 1 - 1].

22 December 1966: Côte d'Ivoire: Adiopodoumé: RMCA: 2 [2 - 2 - 2].

30 January 1970: Côte d'Ivoire: Adiopodoumé: RMCA: 1 [1 - 1 - 1].

10 July 1970: Côte d'Ivoire: Adiopodoumé: RMCA: 1 [1 - 1 - 1].

11 July 1970: Côte d'Ivoire: Adiopodoumé: RMCA: 23 [23 - 23 - 23].

14 July 1970: Côte d'Ivoire: Adiopodoumé: RMCA: 1 [1 - 1 - 1].

15 July 1970: Côte d'Ivoire: Adiopodoumé: RMCA: 1 [1 - 1 - 1].
23 October 1970: Côte d'Ivoire: Gueboua: RMCA: 3 [3 - 3 - 3].
24 April 1971: Côte d'Ivoire: Adiopodoumé: RMCA: 1 [1 - 1 - 1].
28 May 1971: Côte d'Ivoire: Oumé: RMCA: 1 [1 - 1 - 1].
26 February 1972: Côte d'Ivoire: Adiopodoumé: RMCA: 1 [1 - 1 - 1].
28 February 1972: Côte d'Ivoire: Adiopodoumé: RMCA: 5 [5 - 5 - 5].
3 March 1972: Côte d'Ivoire: Adiopodoumé: RMCA: 3 [3 - 3 - 3].
4 March 1972: Côte d'Ivoire: Adiopodoumé: RMCA: 1 [1 - 1 - 1].
11 March 1972: Côte d'Ivoire: Adiopodoumé: RMCA: 4 [4 - 4 - 4].
23 March 1972: Côte d'Ivoire: Lamto Ecology Station: RMCA: 1 [1 - 1 - 1].

Total Specimens for Bellier, Louis: 93

Bellier, Louis and Selens, M.

Collection Date Unknown: Côte d'Ivoire: Ivory Coast: RMCA: 1 [1 - 1].
 Côte d'Ivoire: Adiopodoumé: RMCA: 1 [1 - 1 - 2].
5 February 1972: Côte d'Ivoire: Adiopodoumé: RMCA: 1 [1 - 1 - 1].
11 February 1972: Côte d'Ivoire: Adiopodoumé: RMCA: 2 [2 - 2 - 2].
22 February 1972: Côte d'Ivoire: Adiopodoumé: RMCA: 3 [3 - 3 - 3].
23 February 1972: Côte d'Ivoire: Adiopodoumé: RMCA: 1 [1 - 1 - 1].
24 February 1972: Côte d'Ivoire: Adiopodoumé: RMCA: 5 [5 - 5 - 5].

Total Specimens for Bellier, Louis and Selens, M.: 14

Bell-Marley, H.W.

Collection Date Unknown: South Africa: Gilletts: TM: 1 [1] - Sikangwana: TM: 1 [1 - 2 - 2].

Total Specimens for Bell-Marley, H.W.: 2

Benda, Petr, Hanák, V., Andreas, M., Reiser, A. and Uhrin, M.

20 May 2002: Libya: Wadi al Kuf [= Jabal Akhdar Mts]: NMP: 1 [1 - 1 - 1].

Total Specimens for Benda, Petr, Hanák, V., Andreas, M., Reiser, A. and Uhrin, M.: 1

Benkenstein

23 August 1941: South Africa: King Williamstown: KM: 1 [1 - 1 - 1].

Total Specimens for Benkenstein: 1

Bennwarth

Collection Date Unknown: Egypt: Cairo: SMF: 1 [1 - 1 - 1].

Total Specimens for Bennwarth: 1

Benson, C.W.

Collection Date Unknown: Zambia: Chilanga: NHMZ: 2 [2] - Choma district: NHMZ: 2 [2] - Makeni Farm: NHMZ: 1 [1] -
 Matabele plain: BMNH: 1 [1] - Mount Makulu Research Station: NHMZ: 1 [1] - Salujinga: NHMZ: 4 [4] - Sililo: BMNH: 1
 [1 - 12 - 12].
11 July 1939: Malawi: Ncheu [=Ntcheu]: TM: 1 [1 - 1 - 1].
15 September 1939: Malawi: Ncheu [=Ntcheu]: TM: 1 [1 - 1 - 1].
16 September 1939: Malawi: Ncheu [=Ntcheu]: TM: 1 [1 - 1 - 1].
21 September 1939: Malawi: Ncheu [=Ntcheu]: TM: 2 [2 - 2 - 2].
26 October 1939: Malawi: Ncheu: TM: 1 [1 - 1 - 1].
31 October 1939: Malawi: Ncheu [=Ntcheu]: TM: 1 [1 - 1 - 1].
8 November 1939: Malawi: Ncheu [=Ntcheu]: TM: 1 [1 - 1 - 1].

Total Specimens for Benson, C.W.: 20

Benson, John

12 December 1971: Kenya: Donya Sabuk [=syn Donjo Sebuk, Ol Dongo Sabuk National Park]: NMK: 1 [1 - 1 - 1].

Total Specimens for Benson, John: 1

Benzon, Boye (dr.)

17 March 1935: Kenya: Voi: ZMUC: 1 [1 - 1 - 1].

Total Specimens for Benzon, Boye (dr.): 1

Bequaert, J. (dr.)

Collection Date Unknown: Congo (Democratic Republic of the): Avakubi: RMCA: 1 [1 - 1 - 1].

Total Specimens for Bequaert, J. (dr.): 1

Berger

Collection Date Unknown: Sudan: Gondokoro: ZMB: 1 [1] - Lado [=Lado, Jabal, Mount Lado]: ZMB: 3 [3 - 4].
Uganda: Butiaba: ZMB: 2 [2 - 2 - 6].

Total Specimens for Berger: 6

Bergius

Collection Date Unknown: South Africa: Cape of Good Hope: ZMB: 1 [1 - 1 - 1].

Total Specimens for Bergius: 1

Bergmans, Wim

31 October 1972: Congo: Pointe Noire: ZMA: 3 [3 - 3 - 3].
1 November 1972: Congo: Pointe Noire: ZMA: 2 [2 - 2 - 2].
2 November 1972: Congo: Pointe Noire: ZMA: 1 [1 - 1 - 1].
7 November 1972: Congo: Pointe Noire: ZMA: 1 [1 - 1 - 1].
14 November 1972: Congo: Pointe Noire: ZMA: 1 [1 - 1 - 1].
16 November 1972: Congo: Pointe Noire: ZMA: 5 [5 - 5 - 5].
20 November 1972: Congo: Pointe Noire: ZMA: 1 [1 - 1 - 1].
27 November 1972: Congo: Pointe Noire: ZMA: 2 [2 - 2 - 2].
28 November 1972: Congo: Pointe Noire: ZMA: 2 [2 - 2 - 2].
13 December 1972: Congo: Pointe Noire: ZMA: 2 [2 - 2 - 2].
26 December 1972: Congo: Brazzaville: ZMA: 12 [12 - 12 - 12].
25 June 1976: Nigeria: Jos: ZMA: 1 [1 - 1 - 1].
5 July 1976: Nigeria: Pandam: ZMA: 2 [2] - Pandam, lake: ZMA: 1 [1 - 3 - 3].
6 July 1976: Nigeria: Pandam: ZMA: 1 [1 - 1 - 1].
7 July 1976: Nigeria: Pandam: ZMA: 1 [1] - Pandam, lake: ZMA: 1 [1 - 2 - 2].
8 July 1976: Nigeria: Arusu: ZMA: 1 [1 - 1 - 1].
11 July 1976: Nigeria: Pandam, lake: ZMA: 1 [1 - 1 - 1].
6 August 1976: Nigeria: Ibadan: ZMA: 1 [1 - 1 - 1].
9 August 1976: Nigeria: Ibadan: ZMA: 4 [4 - 4 - 4].
27 August 1976: Nigeria: Agege: ZMA: 1 [1 - 1 - 1].
28 August 1976: Nigeria: Agege: ZMA: 1 [1 - 1 - 1].
5 October 1979: Kenya: Sokoke forest: ZMA: 1 [1 - 1 - 1].
8 October 1979: Kenya: Sokoke forest: ZMA: 2 [2 - 2 - 2].
11 October 1979: Kenya: Sokoke forest: ZMA: 1 [1 - 1 - 1].
17 October 1979: Kenya: Diani Forest: ZMA: 4 [4 - 4 - 4].
19 October 1979: Kenya: Tiwi Beach: ZMA: 1 [1 - 1 - 1].
20 October 1979: Kenya: Tiwi Beach: ZMA: 1 [1 - 1 - 1].
26 October 1979: Kenya: Kwale: ZMA: 3 [3 - 3 - 3].

Total Specimens for Bergmans, Wim: 61

Bergmans, Wim and Bergmans, E.

5 October 1979: Kenya: Sokoke forest: ZMA: 2 [2 - 2 - 2].
8 October 1979: Kenya: Sokoke forest: ZMA: 1 [1 - 1 - 1].
11 October 1979: Kenya: Sokoke forest: ZMA: 1 [1 - 1 - 1].
16 October 1979: Kenya: Shimba Hills: ZMA: 2 [2 - 2 - 2].
19 October 1979: Kenya: Tiwi Beach: ZMA: 3 [3 - 3 - 3].
20 October 1979: Kenya: Tiwi Beach: ZMA: 3 [3 - 3 - 3].
25 October 1979: Kenya: Shimba Hills: ZMA: 2 [2 - 2 - 2].

Total Specimens for Bergmans, Wim and Bergmans, E.: 14

Bernard, R.T.F. (dr.)

Collection Date Unknown: South Africa: Scottsville, 26 Hutchinson Road: TM: 1 [1 - 1 - 1].

Total Specimens for Bernard, R.T.F. (dr.): 1

Berry, G.W.

Collection Date Unknown: Somalia: Burao: BMNH: 1 [1 - 1 - 1].

Total Specimens for Berry, G.W.: 1

Berry, V.

Collection Date Unknown: South Africa: Christian Brothers College: TM: 1 [1 - 1 - 1].**Total Specimens for Berry, V.: 1**

Berti, Carolina

Collection Date Unknown: Uganda: Entebbe: RMCA: 2 [2 - 2 - 2].**10 February 1908:** Uganda: Entebbe: RMCA: 1 [1 - 1 - 1].**Total Specimens for Berti, Carolina: 3**

Berti, Carolina [ex Museum Turin]

Collection Date Unknown: Uganda: Entebbe: ZMB: 2 [2 - 2 - 2].**Total Specimens for Berti, Carolina [ex Museum Turin]: 2**

Betts, A. and Mumford, R.E.

Collection Date Unknown: Sudan: Nimule: ROM: 1 [1 - 1 - 1].**Total Specimens for Betts, A. and Mumford, R.E.: 1**

Biedermann, Mr.

Collection Date Unknown: Djibouti: no specific locality: ZMB: 1 [1 - 1].Eritrea: Massaua [=Massawa]: ZMB: 2 [2 - 2].Ethiopia: Dire Dawa: ZMB: 2 [2 - 2].Tanzania: Dar-es-Salaam: ZMB: 2 [2 - 2 - 7].**Total Specimens for Biedermann, Mr.: 7**

Bigelow, H.B (A. Agassiz Expedition)

24 December 1901: Maldives: Male Atoll: MCZ: 2 [2 - 2 - 2].**Total Specimens for Bigelow, H.B (A. Agassiz Expedition): 2**

Black, H.

Collection Date Unknown: Zambia: Zambia: HZM: 1 [1 - 1 - 1].**10 March 1973:** Zambia: Kabulonga: HZM: 1 [1 - 1 - 1].**30 March 1973:** Zambia: Lusaka, 6 mi NE: HZM: 4 [4 - 4 - 4].**1 April 1973:** Zambia: Lusaka, 6 mi NE: HZM: 1 [1 - 1 - 1].**2 April 1973:** Zambia: Lusaka, 6 mi NE: HZM: 1 [1 - 1 - 1].**Total Specimens for Black, H.: 8**

Blagden, H.H.

23 June 1960: Kenya: Masabubu, 1.5 mi E: CM: 1 [1 - 1 - 1].**Total Specimens for Blagden, H.H.: 1**

Blanc

Collection Date Unknown: Tunisia: Therma: NRM: 2 [2 - 2 - 2].**Total Specimens for Blanc: 2**

Bloess

Collection Date Unknown: Benin: Groß-Popo [= Grand-Popo]: ZMB: 1 [1 - 1 - 1].**Total Specimens for Bloess: 1**

Bluntschli

Collection Date Unknown: Madagascar: Amboasary: ZMB: 2 [2] - Ramara: ZMB: 1 [1] - Tampina: ZMB: 1 [1 - 4 - 4].

Total Specimens for Bluntschli: 4

Bocage

Collection Date Unknown: Angola: Duque de Bragança [=Calandula]: ZMB: 1 [1] - Humbe: ZMB: 1 [1 - 2].
Guinea-Bissau: Bissau [island]: ZMB: 1 [1 - 1 - 3].

Total Specimens for Bocage: 3

Bodemeyer

Collection Date Unknown: Tunisia: Kaphza [=Gafsa]: ZMB: 2 [2] - Kaphza [=Gafsa], cave near: ZMB: 2 [2 - 4 - 4].

Total Specimens for Bodemeyer: 4

Boesneck, J.

18 October 1977: Botswana: Drodsky cave: SMF: 3 [3 - 3 - 3].

Total Specimens for Boesneck, J.: 3

Böhm

Collection Date Unknown: Congo (Democratic Republic of the): Marungu: ZMB: 1 [1 - 1].
Tanzania: Marungu: ZMB: 5 [5 - 5].
Uganda: Gonda: ZMB: 6 [6 - 6 - 12].

Total Specimens for Böhm: 12

Böhme, W.

12 December 1975: Senegal: Diattacounda: ZFMK: 2 [2 - 2 - 2].

Total Specimens for Böhme, W.: 2

Böhme, W. and Hartwig

Collection Date Unknown: Cameroon: Waza: ZFMK: 2 [2 - 2 - 2].
8 February 1974: Cameroon: Waza, 35 km N: ZFMK: 2 [2 - 2 - 2].
9 February 1974: Cameroon: Waza, 35 km N: ZFMK: 17 [17 - 17 - 17].
11 February 1974: Cameroon: Waza: ZFMK: 5 [5 - 5 - 5].
12 February 1974: Cameroon: Waza: ZFMK: 10 [10 - 10 - 10].

Total Specimens for Böhme, W. and Hartwig: 36

Böhme, W. et al.

Collection Date Unknown: Senegal: Bandia: ZFMK: 3 [3 - 3 - 3].
12 December 1975: Senegal: Diattacounda: ZFMK: 25 [25 - 25 - 25].
23 December 1975: Senegal: Diattacounda: ZFMK: 2 [2 - 2 - 2].
25 December 1975: Senegal: Diattacounda: ZFMK: 1 [1 - 1 - 1].

Total Specimens for Böhme, W. et al.: 31

Bohndorff

Collection Date Unknown: "Africa": Naimniam: ZMB: 3 [3] - Niamniam: ZMB: 1 [1 - 4].
Tanzania: Korogwe: ZMB: 1 [1 - 1 - 5].
1 January 1884: Congo (Democratic Republic of the): Semmio: RMNH: 1 [1 - 1 - 1].

Total Specimens for Bohndorff: 6

Bomans, H.

Collection Date Unknown: Congo (Democratic Republic of the): Costermansville: RMCA: 1 [1 - 1 - 1].
6 February 1954: Congo (Democratic Republic of the): Moba: RMCA: 1 [1 - 1 - 1].
26 February 1954: Congo (Democratic Republic of the): Moba: RMCA: 1 [1 - 1 - 1].

Total Specimens for Bomans, H.: 3

Bona, F.

Collection Date Unknown: Sudan: Wadi Halfa: MHNG: 3 [3 - 3 - 3].

Total Specimens for Bona, F.: 3

Bonaparte, Charles Lucien (Prince)

Collection Date Unknown: Italy: Pisa: BMNH: 1 [1 - 1 - 1].**Total Specimens for Bonaparte, Charles Lucien (Prince): 1**

Boncard, A.

Collection Date Unknown: South Africa: "Cape of Good Hope" [=syn. "Kaap Goede Hoop"]: MSNG: 1 [1 - 1 - 1].**Total Specimens for Boncard, A.: 1**

Bonhote, John James Lewis and Flower, Maj. S.S.

Collection Date Unknown: Egypt: Gizeh: BMNH: 1 [1 - 1 - 1].**3 March 1909:** Egypt: Abu Rawash: BMNH: 1 [1 - 1 - 1].**13 March 1909:** Egypt: Lake Moeris: BMNH: 1 [1 - 1 - 1].**Total Specimens for Bonhote, John James Lewis and Flower, Maj. S.S.: 3**

Bonnevie, Lt.

Collection Date Unknown: Congo (Democratic Republic of the): Beni: RMCA: 1 [1 - 1 - 1].**2 June 1914:** Congo (Democratic Republic of the): Beni: RMCA: 1 [1 - 1 - 1].**Total Specimens for Bonnevie, Lt.: 2**

Booth, Angus H.

15 April 1954: Togo: Akenim: BMNH: 1 [1 - 1 - 1].**Total Specimens for Booth, Angus H.: 1**

Boshoff, P.

Collection Date Unknown: South Africa: Farm Klipfontein 407, Echo caves: TM: 1 [1 - 1 - 1].**11 February 1989:** South Africa: Farm Klipfontein 407, Echo caves: TM: 7 [7 - 7 - 7].**Total Specimens for Boshoff, P.: 8**

Botta, Paolo Emilio (dr.)

Collection Date Unknown: Sudan: Sennar: RMNH: 1 [1 - 1].Yemen: no specific locality: MNHN: 1 [1 - 1 - 2].**Total Specimens for Botta, Paolo Emilio (dr.): 2**

Böttcher

Collection Date Unknown: Cameroon: Victoria: ZMB: 1 [1 - 1 - 1].**Total Specimens for Böttcher: 1**

Boucard

Collection Date Unknown: Réunion: Bourbon [=Réunion]: ZMB: 1 [1 - 1 - 1].**Total Specimens for Boucard: 1**

Boucard ?

Collection Date Unknown: Réunion: Bourbon [=Réunion]: ZMB: 1 [1 - 1 - 1].**Total Specimens for Boucard ?: 1**

Bouet, Dr.

21 May 1910: Benin: Aguagou / Cotonou: MNHN: 1 [1 - 1 - 1].**Total Specimens for Bouet, Dr.: 1**

Bouillon, R.P. A.

Collection Date Unknown: Congo (Democratic Republic of the): Kalenda Kasai: KBIN: 1 [1 - 1 - 1].

Total Specimens for Bouillon, R.P. A.: 1

Boulton, R. and Boulton, L.

24 November 1929: Zimbabwe: Selinda, mount: CM: 3 [3 - 3 - 3].

26 November 1929: Zimbabwe: Selinda, mount: CM: 6 [6 - 6 - 6].

3 January 1931: Angola: Gauca river: CM: 1 [1 - 1 - 1].

4 January 1931: Angola: Gauca river: CM: 2 [2 - 2 - 2].

17 January 1931: Angola: Chitau: CM: 1 [1 - 1 - 1].

Total Specimens for Boulton, R. and Boulton, L.: 13

Bourquin, D.

19 January 1986: South Africa: Weston Agricultural College: TM: 1 [1 - 1 - 1].

Total Specimens for Bourquin, D.: 1

Bourquin, O.

Collection Date Unknown: South Africa: Howick, Lions River: TM: 1 [1] - Howick, Phillhot Street: TM: 1 [1] - Shore Nature Reserve: TM: 1 [1 - 3 - 3].

9 October 1985: South Africa: Weenen Nature Reserve: TM: 1 [1 - 1 - 1].

Total Specimens for Bourquin, O.: 4

Bovone, E.

Collection Date Unknown: Somalia: El-Bur: MSNM: 1 [1 - 1 - 1].

Total Specimens for Bovone, E.: 1

Bowe, W.W.

6 December 1923: Sudan: Wad Medani: ROM: 1 [1 - 1 - 1].

Total Specimens for Bowe, W.W.: 1

Bowens, E. (Capt.)

Collection Date Unknown: Equatorial Guinea: Fernando Po [=Bioko island]: BMNH: 1 [1 - 1 - 1].

Total Specimens for Bowens, E. (Capt.): 1

Braack, Leo

Collection Date Unknown: South Africa: Tshokwane picnic spot, 12 km E: TM: 2 [2 - 2 - 2].

27 May 1988: South Africa: bridge at Kruger Gate: TM: 1 [1 - 1 - 1].

Total Specimens for Braack, Leo: 3

Bradfield

23 December 1931: South Africa: Zoetvlei: TM: 1 [1 - 1 - 1].

Total Specimens for Bradfield: 1

Bradfield, R.D.

Collection Date Unknown: Namibia: Quickborn: TM: 1 [1 - 1 - 1].

17 October 1922: Namibia: Quickborn: TM: 1 [1 - 1 - 1].

1 November 1922: Namibia: Quickborn: TM: 1 [1 - 1 - 1].

Total Specimens for Bradfield, R.D.: 3

Brain, C.K.

Collection Date Unknown: South Africa: Sterkfontein caves: TM: 3 [3 - 3].

Zambia: Chilanga Caves: TM: 2 [2 - 2 - 5].

9 October 1956: South Africa: Sterkfontein caves: TM: 1 [1 - 1 - 1].

23 March 1960: South Africa: Punda Milia Camp: TM: 1 [1 - 1 - 1].

27 March 1960: South Africa: Punda Milia Camp: TM: 1 [1 - 1 - 1].

8 July 1986: South Africa: Kalahari Gemsbok National Park, Kameelsleep: TM: 2 [2 - 2 - 2].

Total Specimens for Brain, C.K.: 10

Branch, Bill

Collection Date Unknown: South Africa: 40 km N Polokwane [=Pietersburg], on Louis Trichard Road: TM: 1 [1 - 1 - 1].

7 June 1974: South Africa: 40 km N Polokwane [=Pietersburg], on Louis Trichard Road: TM: 1 [1 - 1 - 1].

17 June 1974: South Africa: 40 km N Polokwane [=Pietersburg], on Louis Trichard Road: TM: 3 [3 - 3 - 3].

8 June 1975: South Africa: 40 km N Polokwane [=Pietersburg], on Louis Trichard Road: TM: 6 [6 - 6 - 6].

Total Specimens for Branch, Bill: 11

Branch, W.R.

15 October 1973: South Africa: 46 km N Polokwane [=Pietersberg], on Louis Trichard Road: TM: 1 [1 - 1 - 1].

Total Specimens for Branch, W.R.: 1

Brandt

Collection Date Unknown: South Africa: no specific locality: ZMB: 1 [1 - 1 - 1].

Total Specimens for Brandt: 1

Braune, Dr.

Collection Date Unknown: South Africa: Port Elisabeth: NMW: 1 [1 - 1 - 1].

Total Specimens for Braune, Dr.: 1

Bredenkamp, H. and Fernsby, Nigel

13 May 2005: South Africa: Farm Klipbanksfontein 607: TM: 1 [1 - 1 - 1].

Total Specimens for Bredenkamp, H. and Fernsby, Nigel: 1

Bredo, H.J.

Collection Date Unknown: Congo (Democratic Republic of the): Irsac labo: ZFMK: 2 [2] - Kilwa: RMCA: 1 [1 - 3].

Tanzania: Musosa: KBIN: 5 [5] - Rukwa: KBIN: 2 [2 - 7 - 10].

15 May 1941: Zambia: Mweru Wantipa: KBIN: 1 [1 - 1 - 1].

5 February 1948: Zambia: Abercorn: KBIN: 1 [1 - 1 - 1].

Total Specimens for Bredo, H.J.: 12

Breyer, H.G. (dr.)

Collection Date Unknown: South Africa: Nelspruit: TM: 1 [1 - 1 - 1].

Total Specimens for Breyer, H.G. (dr.): 1

Breytenbach, J.

Collection Date Unknown: South Africa: Saasveld Forestry College: TM: 1 [1 - 1 - 1].

Total Specimens for Breytenbach, J.: 1

British Museum East Africa Expedition, the

Collection Date Unknown: Tanzania: Tendaguro: BMNH: 2 [2 - 2 - 2].

Total Specimens for British Museum East Africa Expedition, the: 2

Britton, C.S.

24 March 1897: Kenya: Maungu: BMNH: 1 [1 - 1 - 1].

Total Specimens for Britton, C.S.: 1

Broadley

19 March 1962: Zimbabwe: Umtali Old Mine: HZM: 1 [1 - 1 - 1].

Total Specimens for Broadley: 1

Brockman, D.

10 January 1909: Ethiopia: Haza Boran: BMNH: 1 [1 - 1 - 1].**16 June 1915:** Somalia: Burao: BMNH: 1 [1 - 1 - 1].**Total Specimens for Brockman, D.: 2**

Bronner, Gary Neil (dr.)

Collection Date Unknown: South Africa: De Hoek Forest Station: TM: 2 [2] - Farm Hilda [=V.L.N.R.]: TM: 1 [1] - Farm Kaalfontein 261, Ubumanzi Game Farm: TM: 3 [3] - Farm Luna 61MS [=V.L.N.R.]: TM: 7 [7] - Farm Tygerkloof 354: TM: 11 [11] - Fountains Valley: TM: 1 [1] - Hazelmere Dam Nature Reserve: TM: 1 [1] - Hluhluwe Game Reserve, Research camp: TM: 3 [3] - Mngangadyana Koppie, cave: TM: 4 [4] - Ngome Forest Reserve: TM: 1 [1] - Nylsvlei Nature Reserve: TM: 1 [1] - Skukuza, 1.5 km NW, Dense woodland upper reaches of Western Water Reservoir: TM: 5 [5] - Skukuza, 1.5 km NW, western water reservoir: TM: 2 [2] - Wakkerstroom: TM: 1 [1] - Zwartkop cave: TM: 1 [1 - 44 - 44].

3 February 1988: South Africa: Roodewal private camp, 2 km SE: TM: 12 [12 - 12 - 12].**14 February 1988:** South Africa: Skukuza staff village: TM: 1 [1 - 1 - 1].**11 March 1988:** South Africa: Ngome Forest Reserve: TM: 1 [1 - 1 - 1].**23 August 1988:** South Africa: Waterberg, Farm Klipfontein 54JS: TM: 4 [4 - 4 - 4].**5 December 1988:** South Africa: Cederberg, Algeria State Forest, campsite: TM: 1 [1 - 1 - 1].**1 May 1991:** South Africa: Zwartkop Military Nature Reserve: TM: 2 [2 - 2 - 2].**21 April 1992:** South Africa: Botha's Hill, Rob Roy Hotel: TM: 4 [4 - 4 - 4].**23 July 1993:** South Africa: Hluhluwe Game Reserve, Research camp: TM: 2 [2 - 2 - 2].**3 August 1993:** South Africa: Municipal Bird Sanctuary: TM: 1 [1 - 1 - 1].**6 August 1993:** South Africa: Municipal Bird Sanctuary: TM: 5 [5 - 5 - 5].**10 November 1994:** South Africa: Farm Nooitgedacht 508: TM: 1 [1 - 1 - 1].**27 January 1995:** South Africa: Farm Kaalfontein 261, Ubumanzi Game Farm: TM: 1 [1 - 1 - 1].**18 August 1995:** South Africa: Farm Tygerskloof: TM: 1 [1 - 1 - 1].**6 February 1996:** South Africa: Farm Hilda [=V.L.N.R.]: TM: 10 [10] - Farm Regina 68 [=V.L.N.R.]: TM: 1 [1 - 11 - 11].**7 February 1996:** South Africa: Farm Regina 68 [=V.L.N.R.]: TM: 2 [2 - 2 - 2].**12 February 1996:** South Africa: Farm Regina 68 [=V.L.N.R.]: TM: 22 [22 - 22 - 22].**Total Specimens for Bronner, Gary Neil (dr.): 115**

Bronner, Gary Neil (dr.) and Gerrans, R.

Collection Date Unknown: South Africa: Lapalala Wilderness Area, Weltevreden Research Station, roadside on road to: TM: 1 [1 - 1 - 1].

28 March 1988: South Africa: Waterberg, Farm Klipfontein 54JS: TM: 17 [17 - 17 - 17].**Total Specimens for Bronner, Gary Neil (dr.) and Gerrans, R.: 18**

Bronner, Gary Neil (dr.) and Herholdt

6 February 1991: South Africa: Goegap Nature Reserve: TM: 1 [1 - 1 - 1].**Total Specimens for Bronner, Gary Neil (dr.) and Herholdt: 1**

Bronner, Gary Neil (dr.) and Rautenbach, Ignatius L. (Dr.) [=Naas];

5 December 1988: South Africa: Cederberg, Algeria State Forest: TM: 1 [1] - Cederberg, Algeria State Forest, campsite: TM: 1 [1 - 2 - 2].

Total Specimens for Bronner, Gary Neil (dr.) and Rautenbach, Ignatius L. (Dr.) [=Naas]: 2

Bronner, Gary Neil (dr.) and van der Merwe, J.

Collection Date Unknown: South Africa: Blyde River Canyon [=Blyderivier, Blyderivierspoort] Nature Reserve, Farm Bourkes Luck 454 [=Bourkes Luck Potholes]: TM: 3 [3 - 3 - 3].

Total Specimens for Bronner, Gary Neil (dr.) and van der Merwe, J.: 3

Bronner, Gary Neil (dr.) et al

Collection Date Unknown: South Africa: Barberton, Municipal Camping Site: TM: 1 [1] - Chambaire Nursery: TM: 2 [2] - Dukuduku Forest: TM: 2 [2] - Kosi Lake: TM: 1 [1] - Waterberg, Farm Klipfontein 54JS: TM: 1 [1 - 7 - 7].

23 August 1988: South Africa: Waterberg, Farm Klipfontein 54JS: TM: 14 [14 - 14 - 14].**21 October 1988:** South Africa: Kosi Lake, Department of Health Camp: TM: 1 [1 - 1 - 1].**3 August 1993:** South Africa: Municipal Bird Sanctuary: TM: 13 [13 - 13 - 13].**4 August 1993:** South Africa: Municipal Bird Sanctuary: TM: 1 [1 - 1 - 1].

Total Specimens for Bronner, Gary Neil (dr.) et al: 36

Bronner, Gary Neil (dr.), Weber and Gerrans

Collection Date Unknown: South Africa: Waterberg, Farm Klipfontein 54JS: TM: 2 [2 - 2 - 2].
31 July 1988: South Africa: Waterberg, Farm Klipfontein 54JS: TM: 22 [22 - 22 - 22].

Total Specimens for Bronner, Gary Neil (dr.), Weber and Gerrans: 24

Brooks, A.C.

Collection Date Unknown: Uganda: Masindi: BMNH: 1 [1 - 1 - 1].
18 April 1952: Tanzania: Tenguru: BMNH: 3 [3 - 3 - 3].
29 December 1952: Tanzania: Bagamoyo: BMNH: 2 [2 - 2 - 2].
30 January 1953: Tanzania: Banagi: BMNH: 1 [1 - 1 - 1].
31 January 1953: Tanzania: Banagi: BMNH: 1 [1 - 1 - 1].
11 February 1953: Tanzania: Banagi: BMNH: 1 [1 - 1 - 1].
2 March 1953: Tanzania: Banagi: BMNH: 1 [1 - 1 - 1].
5 March 1953: Tanzania: Banagi: BMNH: 1 [1 - 1 - 1].
21 March 1953: Tanzania: Banagi: BMNH: 1 [1 - 1 - 1].
10 April 1953: Tanzania: Tenguru: BMNH: 1 [1 - 1 - 1].
20 June 1953: Tanzania: Tenguru: BMNH: 2 [2 - 2 - 2].
5 March 1959: Uganda: Moruita: BMNH: 1 [1 - 1 - 1].
31 March 1960: Uganda: Moroto: BMNH: 1 [1 - 1 - 1].

Total Specimens for Brooks, A.C.: 17

Brooks, A.C. and Mills, J.R.F.

23 May 1960: Uganda: Mbarara: BMNH: 1 [1 - 1 - 1].

Total Specimens for Brooks, A.C. and Mills, J.R.F.: 1

Broom

Collection Date Unknown: Tanzania: Ngorongoro: TM: 1 [1 - 1 - 1].

Total Specimens for Broom: 1

Broom, R. (dr.)

Collection Date Unknown: South Africa: Pretoria: TM: 1 [1 - 1 - 1].

Total Specimens for Broom, R. (dr.): 1

Brosset, André

Collection Date Unknown: Gabon: Bélinga: MNHN: 1 [1] - Bengoué: MHNG: 1 [1] - Ipassa-Mpassa station: MNHN: 1 [1] - Makokou: MHNG: 1, MNHN: 1 [2 - 5].
 Morocco: Berkane: MNHN: 2 [2 - 2].
 Tunisia: Sidi Bou Zid valley: MNHN: 1 [1 - 1 - 8].
10 December 1967: Gabon: Makokou: MNHN: 1 [1 - 1 - 1].

Total Specimens for Brosset, André: 9

Brosset, André and Richaud, Pierre

Collection Date Unknown: Guinea: Mount Nimba: MNHN: 3 [3 - 3 - 3].

Total Specimens for Brosset, André and Richaud, Pierre: 3

Brown

10 March 1960: Nigeria: Abeotuka: HZM: 1 [1 - 1 - 1].

Total Specimens for Brown: 1

Brown, Barnum

Collection Date Unknown: Ethiopia: Addis Ababa: AMNH: 1 [1] - Dire Dawa: AMNH: 1 [1 - 2 - 2].
2 August 1920: Ethiopia: Addis Ababa: AMNH: 1 [1 - 1 - 1].
20 September 1920: Ethiopia: Dire Dawa: AMNH: 1 [1 - 1 - 1].

Total Specimens for Brown, Barnum: 4

Brown, H.D.

Collection Date Unknown: Zimbabwe: Salisbury, Borrowdale Road: TM: 1 [1 - 1 - 1].

Total Specimens for Brown, H.D.: 1

Brown, Harvey

15 May 1893: Zimbabwe: Mashonaland province: CM: 1 [1 - 1 - 1].

Total Specimens for Brown, Harvey: 1

Brownlow, I.P.

11 May 1976: Nigeria: Lagos: HZM: 1 [1 - 1 - 1].

25 July 1977: The Gambia: Walikunda: HZM: 1 [1 - 1 - 1].

26 July 1977: The Gambia: Brikama Bar: HZM: 1 [1] - Walikunda: HZM: 5 [5 - 6 - 6].

11 August 1977: The Gambia: Walikunda: HZM: 1 [1 - 1 - 1].

Total Specimens for Brownlow, I.P.: 9

Brummer, V.

Collection Date Unknown: South Africa: Doonside: DNSM: 1 [1 - 1 - 1].

Total Specimens for Brummer, V.: 1

Buchanan, Angus

Collection Date Unknown: Nigeria: Kano: BMNH: 1 [1 - 1].

Tanzania: Kisaki: BMNH: 1 [1 - 1 - 2].

23 December 1919: Nigeria: Farniso: BMNH: 1 [1 - 1 - 1].

30 January 1920: Niger: Zinder: BMNH: 1 [1 - 1 - 1].

27 July 1922: Niger: Tebeig Asben: BMNH: 1 [1 - 1 - 1].

Total Specimens for Buchanan, Angus: 5

Buchanan, Angus and Rothschild, Nathaniel Charles

30 January 1920: Niger: Zinder: BMNH: 2 [2 - 2 - 2].

Total Specimens for Buchanan, Angus and Rothschild, Nathaniel Charles: 2

Buchanan, S.A.

17 June 1978: Central African Republic: Gounda camp: CM: 1 [1 - 1 - 1].

2 October 1978: Central African Republic: Koumbala Camp: CM: 1 [1 - 1 - 1].

9 October 1978: Central African Republic: Gounda camp: CM: 3 [3 - 3 - 3].

13 October 1978: Central African Republic: Gounda camp: CM: 9 [9 - 9 - 9].

14 October 1978: Central African Republic: Gounda camp: CM: 7 [7 - 7 - 7].

21 October 1978: Central African Republic: Ndele and Vakaga, between: CM: 1 [1 - 1 - 1].

24 October 1978: Central African Republic: Koumbala Camp: CM: 3 [3 - 3 - 3].

25 October 1978: Central African Republic: Koumbala Camp: CM: 1 [1 - 1 - 1].

26 October 1978: Central African Republic: Koumbala Camp, 11.5 km NW: CM: 1 [1 - 1 - 1].

24 June 1979: Central African Republic: Koumbala Camp: CM: 1 [1 - 1 - 1].

29 June 1979: Central African Republic: Koumbala Camp: CM: 2 [2 - 2 - 2].

Total Specimens for Buchanan, S.A.: 30

Buchanan, W.J.

13 February 1933: Angola: Chitau: AMNH: 1 [1 - 1 - 1].

Total Specimens for Buchanan, W.J.: 1

Buchholz

Collection Date Unknown: Cameroon: Mungo Anchoncho [Moungo river?]: ZMB: 5 [5] - no specific locality: ZMB: 4 [4 - 9].

Equatorial Guinea: Fernando Po [=Bioko island]: ZMB: 1 [1 - 1].

Gabon: Cape Lopez: ZMB: 1 [1] - Dongila [=Donguila]: ZMB: 2 [2] - Limbareni [=Lambarene]: ZMB: 1 [1 - 4 - 14].

Total Specimens for Buchholz: 14

Buchner

Collection Date Unknown: Angola: Malange [=Malanje]: ZMB: 1 [1 - 1 - 1].

Total Specimens for Buchner: 1

Buckle, J.

Collection Date Unknown: South Africa: St. Lucia Crocodile centre: TM: 1 [1 - 1 - 1].

Total Specimens for Buckle, J.: 1

Bunting

Collection Date Unknown: Ghana: Gold Coast: BMNH: 1 [1 - 1 - 1].

Total Specimens for Bunting: 1

Burda, H.

Collection Date Unknown: Malawi: Nganda, E slope of mount: SMF: 1 [1 - 1 - 1].

Total Specimens for Burda, H.: 1

Burgeon

29 October 1932: Congo (Democratic Republic of the): Katana: RMCA: 1 [1 - 1 - 1].

Total Specimens for Burgeon: 1

Burmester

6 March 1909: Namibia: Keetmanshoop: ZMH: 1 [1 - 1 - 1].

Total Specimens for Burmester: 1

Burne, Clayton

Collection Date Unknown: South Africa: Vernon Crookes Nature Reserve: DNSM: 1 [1 - 1 - 1].

Total Specimens for Burne, Clayton: 1

Burrard, C. (Maj.) and Jordan, Karl (dr.)

Collection Date Unknown: Angola: Moks, mount: BMNH: 1 [1 - 1 - 1].

11 October 1933: Namibia: Klein Windhoek: BMNH: 2 [2 - 2 - 2].

Total Specimens for Burrard, C. (Maj.) and Jordan, Karl (dr.): 3

Burrows, John; Cohen, L. and Fernsby, Nigel

Collection Date Unknown: South Africa: Buffelskloof Private Nature Reserve: TM: 1 [1 - 1 - 1].

14 November 2003: South Africa: Farm Uitkyk 264JT, Buffelskloof Private Nature Reserve: TM: 1 [1 - 1 - 1].

Total Specimens for Burrows, John; Cohen, L. and Fernsby, Nigel: 2

Birting (or Bunting), R.K. (or R.H.)

Collection Date Unknown: Liberia: Barclay, mount [see Rosevear: BMNH: 1 [1 - 1 - 1].

20 July 1914: Sierra Leone: Njala: BMNH: 1 [1 - 1 - 1].

Total Specimens for Birting (or Bunting), R.K. (or R.H.): 2

Burton

3 June 1972: Kenya: Elgon, Mount: ROM: 1 [1 - 1 - 1].

Total Specimens for Burton: 1

Burton, M.

Collection Date Unknown: South Africa: Lynwood: TM: 1 [1 - 1 - 1].

Total Specimens for Burton, M.: 1

Butler, J. (Capt.)

Collection Date Unknown: Sudan: Jebel Moba: BMNH: 1 [1 - 1 - 1].

Total Specimens for Butler, J. (Capt.): 1

Büttner

Collection Date Unknown: Gabon: no specific locality: ZMB: 1 [1 - 1].

Togo: Bismarckburg [=Bismarckbourg]: ZMB: 6 [6 - 6].

Unknown country: Kimpoko: ZMB: 1 [1 - 1 - 8].

Total Specimens for Büttner: 8

Button, E.J.

12 April 1943: Zambia: Kasempa: TM: 1 [1 - 1 - 1].

Total Specimens for Button, E.J.: 1

Buxton, A.P.

9 November 1950: Uganda: Entebbe: AMNH: 1 [1 - 1 - 1].

Total Specimens for Buxton, A.P.: 1

Buxton, A.P. and the Oxford University Expedition

Collection Date Unknown: The Gambia: Gambia river, lower: BMNH: 1 [1] - Kontaur: BMNH: 1 [1] - Kuntaur, 5 mi N: BMNH: 2 [2] - Makka: BMNH: 1 [1 - 5 - 5].

31 July 1948: The Gambia: Makka: BMNH: 1 [1 - 1 - 1].

24 August 1948: The Gambia: Kuntaur, 10 mi SE: BMNH: 1 [1 - 1 - 1].

Total Specimens for Buxton, A.P. and the Oxford University Expedition: 7

Buys

19 November 1965: Namibia: Rua Cana: SMW: 1 [1 - 1 - 1].

14 October 1971: Namibia: Swartbooisdrift: SMW: 1 [1 - 1 - 1].

Total Specimens for Buys: 2

Cabot, M.

30 October 1982: Senegal: Enganga: FMNH: 1 [1 - 1 - 1].

31 July 1983: Senegal: Diabane: FMNH: 1 [1 - 1 - 1].

Total Specimens for Cabot, M.: 2

Cade, C.E.

12 August 1945: Uganda: West Mengo: FMNH: 1 [1 - 1 - 1].

7 September 1950: Kenya: Athi river: FMNH: 1 [1 - 1 - 1].

25 November 1950: Tanzania: Turiani: FMNH: 2 [2 - 2 - 2].

Total Specimens for Cade, C.E.: 4

Caldwell, Sclater

Collection Date Unknown: Madagascar: Tananarivo [=Antananarivo]: ZMB: 1 [1 - 1 - 1].

Total Specimens for Caldwell, Sclater: 1

Callewaert, P.

Collection Date Unknown: Congo (Democratic Republic of the): Luluabourg: BMNH: 8, RMCA: 1 [9] - Luluabourg [=Kananga]: BMNH: 2, RMCA: 3 [5 - 14 - 14].

19 February 1922: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 1 [1 - 1 - 1].

5 April 1922: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 1 [1 - 1 - 1].

13 April 1922: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 1 [1 - 1 - 1].

15 April 1922: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 3 [3 - 3 - 3].

16 April 1922: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 1 [1 - 1 - 1].

6 May 1922: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 1 [1 - 1 - 1].

11 May 1922: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 1 [1 - 1 - 1].
15 May 1922: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 2 [2 - 2 - 2].
22 May 1922: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 1 [1 - 1 - 1].
28 May 1922: Congo (Democratic Republic of the): Luluabourg [=Kananga]: BMNH: 1, RMCA: 2 [3 - 3 - 3].
7 June 1922: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 1 [1 - 1 - 1].
11 June 1922: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 4 [4 - 4 - 4].
19 June 1922: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 1 [1 - 1 - 1].
26 June 1922: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 2 [2 - 2 - 2].
4 July 1922: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 1 [1 - 1 - 1].
17 July 1922: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 3 [3 - 3 - 3].
19 February 1923: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 3 [3 - 3 - 3].
15 March 1923: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 1 [1 - 1 - 1].
19 June 1923: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 1 [1 - 1 - 1].
27 June 1923: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 1 [1 - 1 - 1].
19 October 1923: Congo (Democratic Republic of the): Luluabourg [=Kananga]: BMNH: 1 [1 - 1 - 1].
28 November 1923: Congo (Democratic Republic of the): Luluabourg [=Kananga]: BMNH: 1 [1 - 1 - 1].
28 May 1924: Congo (Democratic Republic of the): Luluabourg [=Kananga]: AMNH: 1 [1 - 1 - 1].
2 December 1925: Congo (Democratic Republic of the): Luluabourg [=Kananga]: BMNH: 1 [1 - 1 - 1].
25 February 1926: Congo (Democratic Republic of the): Luluabourg [=Kananga]: BMNH: 1 [1 - 1 - 1].
11 March 1926: Congo (Democratic Republic of the): Luluabourg [=Kananga]: BMNH: 1 [1 - 1 - 1].

Total Specimens for Callewaert, P.: 53

Callewaert, R

Collection Date Unknown: Congo (Democratic Republic of the): Luluabourg: BMNH: 1 [1 - 1 - 1].

Total Specimens for Callewaert, R: 1

Cansdale, George Soper

Collection Date Unknown: Burkina Faso: Lawra: BMNH: 2 [2 - 2].
 Ghana: Kintampo: BMNH: 1 [1] - Oda: BMNH: 5 [5] - Ofinsu: BMNH: 1 [1] - Winneba: BMNH: 1 [1 - 8 - 10].
19 September 1945: Ghana: Oda: BMNH: 1 [1 - 1 - 1].
21 September 1945: Ghana: Oda: BMNH: 1 [1 - 1 - 1].
3 November 1945: Ghana: Oda: BMNH: 1 [1 - 1 - 1].
17 November 1945: Ghana: Oda: BMNH: 1 [1 - 1 - 1].

Total Specimens for Cansdale, George Soper: 14

Capomazza, I.

19 June 1907: Ethiopia: Saganeiti: MSNG: 1 [1 - 1 - 1].

Total Specimens for Capomazza, I.: 1

Carbone, F.

28 September 1957: Congo (Democratic Republic of the): Jalusaka: RMCA: 1 [1 - 1 - 1].
16 March 1958: Congo (Democratic Republic of the): Ikela: RMCA: 1 [1 - 1 - 1].

Total Specimens for Carbone, F.: 2

Carl, J.

Collection Date Unknown: Tanzania: Bukoba: MHNG: 6 [6] - Kisikka: MHNG: 8 [8 - 14].
 Uganda: Entebbe: MHNG: 1 [1 - 1 - 15].

Total Specimens for Carl, J.: 15

Carleton, Michael D. and Robbins, C. Brain

24 April 1984: Sierra Leone: Fintonia, 5.8 km E: USNM: 1 [1 - 1 - 1].

Total Specimens for Carleton, Michael D. and Robbins, C. Brain: 1

Carlisle, M.

13 September 1926: South Africa: Pretoria North: TM: 1 [1 - 1 - 1].

Total Specimens for Carlisle, M.: 1

Carnap-Querheimb

Collection Date Unknown: Cameroon: Yaounde: ZMB: 1 [1 - 1 - 1].

Total Specimens for Carnap-Querheimb: 1

Carp Expedition

Collection Date Unknown: Zambia: Senanza: TM: 1 [1 - 1].
Zimbabwe: Sabi-Lundi River, S junction: TM: 1 [1 - 1 - 2].

Total Specimens for Carp Expedition: 2

Carp Expedition 1951

Collection Date Unknown: Namibia: Kaoko Otavi: TM: 1 [1 - 1 - 1].

Total Specimens for Carp Expedition 1951: 1

Carp, B.

Collection Date Unknown: Namibia: Nampiri: TM: 1 [1 - 1].
Zimbabwe: Sabi-Lundi junction: KM: 1 [1 - 1 - 2].
7 July 1949: Namibia: Nampiri: KM: 1 [1 - 1 - 1].
9 August 1949: Namibia: Nampiri: KM: 1, TM: 2 [3 - 3 - 3].
5 June 1950: Zimbabwe: Sabi-Lundi junction: TM: 1 [1 - 1 - 1].
23 June 1951: Namibia: Swartbooisdrift: TM: 1 [1 - 1 - 1].

Total Specimens for Carp, B.: 8

Carr, R.D.

Collection Date Unknown: South Africa: Nylstroom: TM: 1 [1 - 1 - 1].

Total Specimens for Carr, R.D.: 1

Carruthers, R.

Collection Date Unknown: Zimbabwe: Gwanda: BMNH: 2 [2 - 2 - 2].
21 January 1906: Kenya: Ruwenzori East: RMCA: 1 [1 - 1 - 1].
23 October 1906: Congo (Democratic Republic of the): Albert, lake: BMNH: 2 [2 - 2 - 2].

Total Specimens for Carruthers, R.: 5

Carter

2 June 1952: Chad: Guidari: AMNH: 3 [3 - 3 - 3].

Total Specimens for Carter: 3

Carter, T. Donald

10 January 1929: Ethiopia: Addis Ababa: AMNH: 1 [1 - 1 - 1].
12 July 1938: Zambia: Balovale: AMNH: 1 [1 - 1 - 1].
24 August 1938: Zambia: Balovale: AMNH: 1 [1 - 1 - 1].
2 September 1938: Zambia: Balovale: AMNH: 1 [1 - 1 - 1].
5 September 1938: Zambia: Balovale: AMNH: 1 [1 - 1 - 1].
21 September 1938: Zambia: Balovale: AMNH: 1 [1 - 1 - 1].
23 September 1938: Zambia: Balovale: AMNH: 2 [2 - 2 - 2].
24 September 1938: Zambia: Balovale: AMNH: 1 [1 - 1 - 1].
25 September 1938: Zambia: Balovale: AMNH: 3 [3 - 3 - 3].
30 September 1938: Zambia: Balovale: AMNH: 1 [1 - 1 - 1].
2 October 1938: Zambia: Balovale: AMNH: 1 [1 - 1 - 1].
6 October 1938: Zambia: Balovale: AMNH: 1 [1 - 1 - 1].
8 October 1938: Zambia: Balovale: AMNH: 1 [1 - 1 - 1].
9 October 1938: Zambia: Balovale: AMNH: 1, HZM: 1 [2 - 2 - 2].

Total Specimens for Carter, T. Donald: 18

Carter, T. Donald; Shortridge, Capt. Guy C. and the Vernay Kaffrarian Museum Expedition

Collection Date Unknown: Zambia: Balovale: KM: 1 [1 - 1 - 1].
16 September 1938: Zambia: Balovale: KM: 1 [1 - 1 - 1].
28 September 1938: Zambia: Balovale: KM: 1 [1 - 1 - 1].
10 October 1938: Zambia: Balovale: SMF: 1 [1 - 1 - 1].

Total Specimens for Carter, T. Donald; Shortridge, Capt. Guy C. and the Vernay Kaffrarian Museum Expedition: 4

Carter, W.T. (Mrs.)

Collection Date Unknown: Botswana: Xugana: USNM: 4 [4 - 4 - 4].

Total Specimens for Carter, W.T. (Mrs.): 4

Cassidy, R.J. and Wolhuter, D.A.

11 September 1983: South Africa: Hilton, Hilton Railway tunnel: TM: 1 [1 - 1 - 1].

14 September 1983: South Africa: Dumisa gold mine: TM: 4 [4 - 4 - 4].

Total Specimens for Cassidy, R.J. and Wolhuter, D.A.: 5

Cator, D.

Collection Date Unknown: Nigeria: Nassarawa: BMNH: 1 [1 - 1 - 1].

Total Specimens for Cator, D.: 1

Catta, M.

Collection Date Unknown: Madagascar: Madagascar: MNHN: 1 [1 - 1 - 1].

Total Specimens for Catta, M.: 1

Cecconi, G. (prof.)

Collection Date Unknown: Eritrea: Keren: ZMB: 2 [2 - 2 - 2].

Total Specimens for Cecconi, G. (prof.): 2

Celis, E.P. and Lejeune

10 August 1970: Congo (Democratic Republic of the): Kibumba [4 locs]: RMCA: 1 [1 - 1 - 1].

Total Specimens for Celis, E.P. and Lejeune: 1

Celo, F.

8 October 1961: Sudan: Khartoum: SMF: 1 [1 - 1 - 1].

27 October 1962: Sudan: Khartoum: SMF: 6 [6 - 6 - 6].

Total Specimens for Celo, F.: 7

Chabaud, Dr.

Collection Date Unknown: Madagascar: Tananarive: MNHN: 1 [1 - 1 - 1].

Total Specimens for Chabaud, Dr.: 1

Chaix, L.

Collection Date Unknown: Sudan: Kerma: MHNG: 1 [1 - 1 - 1].

Total Specimens for Chaix, L.: 1

Chandler, W.A.

Collection Date Unknown: Kenya: Tana river: USNM: 5 [5 - 5].

Somalia: Somalia: USNM: 1 [1 - 1 - 6].

Total Specimens for Chandler, W.A.: 6

Chapin, James P.

4 August 1930: Congo (Democratic Republic of the): Lukolela: AMNH: 1 [1 - 1 - 1].

10 October 1930: Congo (Democratic Republic of the): Lukolela: AMNH: 1 [1 - 1 - 1].

24 December 1930: Congo (Democratic Republic of the): Lukolela: AMNH: 1 [1 - 1 - 1].

Total Specimens for Chapin, James P.: 3

Chapin, James P. and Lang, Herbert

21 November 1909: Congo (Democratic Republic of the): Avakubi: RMCA: 1 [1 - 1 - 1].

- 4 December 1909:** Congo (Democratic Republic of the): Ngayu: RMCA: 1 [1 - 1 - 1].
17 December 1909: Congo (Democratic Republic of the): Ngayu: AMNH: 3, RMCA: 1 [4 - 4 - 4].
5 January 1910: Congo (Democratic Republic of the): Bafwabaka: RMCA: 1 [1 - 1 - 1].
6 November 1910: Congo (Democratic Republic of the): Niangara: RMCA: 1 [1 - 1 - 1].
16 November 1910: Congo (Democratic Republic of the): Niangara: FMNH: 1 [1 - 1 - 1].
26 November 1910: Congo (Democratic Republic of the): Niangara: AMNH: 1 [1 - 1 - 1].
12 December 1910: Congo (Democratic Republic of the): Niangara: FMNH: 1 [1 - 1 - 1].
21 February 1911: Congo (Democratic Republic of the): Faradje: AMNH: 2 [2 - 2 - 2].
1 March 1911: Congo (Democratic Republic of the): Faradje: AMNH: 2 [2 - 2 - 2].
30 March 1911: Congo (Democratic Republic of the): Faradje: AMNH: 1, RMCA: 1 [2 - 2 - 2].
2 July 1911: Congo (Democratic Republic of the): Faradje: RMCA: 1 [1 - 1 - 1].
22 November 1911: Congo (Democratic Republic of the): Faradje: RMCA: 1 [1 - 1 - 1].
18 December 1911: Congo (Democratic Republic of the): Aba: AMNH: 1 [1 - 1 - 1].
14 March 1912: Congo (Democratic Republic of the): Garamba Park: AMNH: 1 [1 - 1 - 1].
27 March 1913: Congo (Democratic Republic of the): Niangara: AMNH: 1 [1 - 1 - 1].
3 July 1913: Congo (Democratic Republic of the): Paulis [=Isiro]: AMNH: 1 [1 - 1 - 1].
22 August 1913: Congo (Democratic Republic of the): Poko: AMNH: 1 [1 - 1 - 1].
26 February 1914: Congo (Democratic Republic of the): Avakubi: AMNH: 1 [1 - 1 - 1].
15 August 1914: Congo (Democratic Republic of the): Avakubi: RMCA: 1 [1 - 1 - 1].

Total Specimens for Chapin, James P. and Lang, Herbert: 26

Chapin, James P.; Sage, L. (dr.) and Matthews, Edwards

- 10 May 1927:** Congo (Democratic Republic of the): Kabale: AMNH: 1 [1 - 1 - 1].
11 May 1927: Congo (Democratic Republic of the): Kabale: AMNH: 1 [1 - 1 - 1].

Total Specimens for Chapin, James P.; Sage, L. (dr.) and Matthews, Edwards: 2

Chapman, C.P.

- Collection Date Unknown:** Namibia: Omatagous: TM: 1 [1 - 1 - 1].

Total Specimens for Chapman, C.P.: 1

Chapman, Jan

- Collection Date Unknown:** "Africa": "Lobito Voay": SAMC: 1 [1 - 1 - 1].

Total Specimens for Chapman, Jan: 1

Charliers

- Collection Date Unknown:** Congo (Democratic Republic of the): Funda Biabo: RMCA: 1 [1 - 1 - 1].

Total Specimens for Charliers: 1

Chateau, R.

- Collection Date Unknown:** Senegal: N'Gari: MHNG: 1 [1] - Saboya: MNHN: 1 [1 - 2 - 2].
31 March 1969: Senegal: Richard Toll: MNHN: 1 [1 - 1 - 1].
11 June 1971: Senegal: Bandia: MNHN: 2 [2 - 2 - 2].

Total Specimens for Chateau, R.: 5

Chatelain

- Collection Date Unknown:** Angola: Angola: USNM: 1 [1 - 1 - 1].

Total Specimens for Chatelain: 1

Cheeseman, W. (Maj.)

- Collection Date Unknown:** Sudan: Gallabat: BMNH: 2 [2 - 2 - 2].

Total Specimens for Cheeseman, W. (Maj.): 2

Cheesman, Robert Ernest (Col.)

- Collection Date Unknown:** Ethiopia: Dangila: BMNH: 6 [6 - 6 - 6].
17 August 1926: Ethiopia: Dangila: BMNH: 3 [3 - 3 - 3].
19 September 1928: Ethiopia: Dangila: BMNH: 2 [2 - 2 - 2].
18 October 1928: Ethiopia: Dangila: BMNH: 1 [1 - 1 - 1].

Total Specimens for Cheesman, Robert Ernest (Col.): 12

Cheke, R.A.

Collection Date Unknown: Ghana: Samole Motel Camp: BMNH: 1 [1 - 1 - 1].
15 August 1968: Ghana: Lovi Camp: BMNH: 1 [1 - 1 - 1].
25 August 1968: Ghana: Sawla, 15 mi E: BMNH: 3 [3 - 3 - 3].
28 August 1968: Ghana: Sawla, 15 mi E: BMNH: 1 [1 - 1 - 1].
3 September 1968: Ghana: Damongo, 1 mi NE: BMNH: 5 [5 - 5 - 5].

Total Specimens for Cheke, R.A.: 11

Chinner, M.J.

Collection Date Unknown: South Africa: Spioenkop Dam, Mabamnyama Staff House: TM: 1 [1 - 1 - 1].

Total Specimens for Chinner, M.J.: 1

Chippaux, dr.

Collection Date Unknown: Central African Republic: Bangui: MNHN: 3 [3 - 3 - 3].
7 January 1964: Central African Republic: Bangui: MNHN: 6 [6 - 6 - 6].
15 July 1964: Central African Republic: Bangui: MNHN: 1 [1 - 1 - 1].
27 November 1965: Central African Republic: Bangui: MNHN: 2 [2 - 2 - 2].

Total Specimens for Chippaux, dr.: 12

Chivers, C.B.

Collection Date Unknown: South Africa: Eshowe: TM: 1 [1 - 1 - 1].

Total Specimens for Chivers, C.B.: 1

Chivers, U.B.

Collection Date Unknown: South Africa: 40 miles W of War Grave, Molopo River: TM: 1 [1 - 1 - 1].

Total Specimens for Chivers, U.B.: 1

Christie, J. (dr.)

Collection Date Unknown: "Africa": Unknown locality: RMCA: 2 [2 - 2].
 Congo (Democratic Republic of the): Makala: RMCA: 1 [1] - Mushie: RMCA: 1 [1 - 2].
 Egypt: Egypt: BMNH: 2 [2 - 2 - 6].
16 February 1912: Congo (Democratic Republic of the): Fundi: RMCA: 1 [1 - 1 - 1].
17 September 1912: Congo (Democratic Republic of the): Avakubi: RMCA: 1 [1 - 1 - 1].
4 December 1912: Congo (Democratic Republic of the): Makala: BMNH: 1 [1 - 1 - 1].
5 December 1912: Congo (Democratic Republic of the): Makala: RMCA: 1 [1 - 1 - 1].
16 December 1912: Congo (Democratic Republic of the): Pilipili: RMCA: 1 [1 - 1 - 1].
25 February 1914: Congo (Democratic Republic of the): Poko: RMCA: 1 [1 - 1 - 1].
17 July 1914: Congo (Democratic Republic of the): Poko: RMCA: 1 [1 - 1 - 1].
21 July 1914: Congo (Democratic Republic of the): Poko: RMCA: 1 [1 - 1 - 1].
2 August 1914: Congo (Democratic Republic of the): Poko: RMCA: 1 [1 - 1 - 1].

Total Specimens for Christie, J. (dr.): 15

Christie, Turnbull (Maj.)

Collection Date Unknown: Egypt: Originally North Africa, but restricted to southern Egypt: BMNH: 1 [1 - 1 - 1].

Total Specimens for Christie, Turnbull (Maj.): 1

Christol

Collection Date Unknown: South Africa: Bassutoland: MNHN: 1 [1 - 1 - 1].

Total Specimens for Christol: 1

Christy, D.C.

Collection Date Unknown: Congo (Democratic Republic of the): Medje: BMNH: 1 [1 - 1 - 1].
27 August 1914: Congo (Democratic Republic of the): Medje: RMCA: 1 [1 - 1 - 1].

Total Specimens for Christy, D.C.: 2

Chubb, E.C.

Collection Date Unknown: Zimbabwe: Bulawayo: USNM: 1 [1 - 1 - 1].

Total Specimens for Chubb, E.C.: 1

Cifelli, R.L.

Collection Date Unknown: Ethiopia: Poi, 2 mi N: USNM: 1 [1 - 1 - 1].

Total Specimens for Cifelli, R.L.: 1

Clancey, P.A.

2 February 1951: South Africa: Pietermaritzburg: HZM: 1 [1 - 1 - 1].

1 June 1951: South Africa: Pietermaritzburg: HZM: 1 [1 - 1 - 1].

Total Specimens for Clancey, P.A.: 2

Clarke, J.

Collection Date Unknown: Unknown Country: : SAMC: 1 [1 - 1 - 1].

Total Specimens for Clarke, J.: 1

Clarke, Ph. et al.

5 September 1992: Tanzania: Nyamuhoro valley: SMF: 1 [1 - 1 - 1].

Total Specimens for Clarke, Ph. et al.: 1

Clausen, H.S.

Collection Date Unknown: Nigeria: Ibadan: ZMUC: 2 [2 - 2 - 2].

Total Specimens for Clausen, H.S.: 2

Cockle, A.

Collection Date Unknown: Tanzania: Genda Genda South Forest Reserve: SMF: 1 [1 - 1 - 1].

18 January 1991: Tanzania: Kazimzumbwi forest reserve: SMF: 1 [1 - 1 - 1].

20 January 1991: Tanzania: Kazimzumbwi forest reserve: SMF: 1 [1 - 1 - 1].

11 March 1991: Tanzania: Kazimzumbwi forest reserve: SMF: 1 [1 - 1 - 1].

9 August 1991: Tanzania: Zaraninge-Kiano forest reserve: SMF: 1 [1 - 1 - 1].

12 August 1991: Tanzania: Zaraninge-Kiano forest reserve: SMF: 1 [1 - 1 - 1].

18 October 1991: Tanzania: Genda Genda South forest reserve: SMF: 1 [1 - 1 - 1].

28 November 1991: Tanzania: Genda Genda South forest reserve: SMF: 1 [1 - 1 - 1].

23 January 1992: Tanzania: Muheza Forest, Tongwe Forest Reserve: SMF: 1 [1 - 1 - 1].

25 February 1992: Tanzania: Kilulu Hill: SMF: 1 [1 - 1 - 1].

Total Specimens for Cockle, A.: 10

Coe, M.J. (dr.)

12 May 1966: Liberia: Nimba, mount: BMNH: 3 [3 - 3 - 3].

26 July 1968: Kenya: Lokiri: BMNH: 1 [1 - 1 - 1].

Total Specimens for Coe, M.J. (dr.): 4

Coetzee

Collection Date Unknown: Mozambique: Furancungo, 30 mi NNW: TM: 1 [1] - Tete district: TM: 2 [2 - 3].

Namibia: Usakos: TM: 1 [1 - 1 - 4].

Total Specimens for Coetzee: 4

Coetzee and le Riche, B.

29 April 1965: South Africa: Kalahari Gemsbok National Park, Twee Riveren: TM: 1 [1 - 1 - 1].

Total Specimens for Coetzee and le Riche, B.: 1

Coetzee, C.G.

- Collection Date Unknown:** Mozambique: Furancungo, 30 mi NNW: TM: 1 [1 - 1].
 Namibia: Otjimbingue: TM: 4 [4 - 4].
 South Africa: Birchleig: TM: 2 [2] - Burgers Park: TM: 2 [2] - John Nash Nature Reserve [=Jack Scott Private Nature Reserve], American cave: TM: 1 [1 - 5 - 10].
- 22 September 1961:** Mozambique: Aldeia Chiuta [= Chiuta, Chuta]: TM: 1 [1 - 1 - 1].
- 29 July 1964:** Mozambique: Aldeia Muchena [= Tetane Muchena, Muchena]: TM: 2 [2] - Tete district: TM: 1 [1 - 3 - 3].
- 22 August 1964:** Mozambique: Mague, new: TM: 5 [5 - 5 - 5].
- 22 September 1964:** Mozambique: : TM: 1 [1] - Aldeia Chiuta [= Chiuta, Chuta]: TM: 7 [7 - 8 - 8].
- 29 April 1965:** South Africa: Kalahari Gemsbok National Park, Twee Riveren: TM: 5 [5 - 5 - 5].
- 30 April 1965:** South Africa: Kalahari Gemsbok National Park, Twee Riveren: TM: 1 [1 - 1 - 1].
- 22 October 1965:** Namibia: Namibia Desert Research Station [= DERU]: TM: 2 [2 - 2 - 2].
- 14 May 1966:** South Africa: John Nash Nature Reserve [=Jack Scott Private Nature Reserve], American cave: TM: 2 [2 - 2 - 2].
- 30 July 1966:** South Africa: John Nash Nature Reserve [=Jack Scott Private Nature Reserve], American cave: TM: 2 [2 - 2 - 2].
- 4 October 1966:** Namibia: Ombu: TM: 5 [5 - 5 - 5].
- 5 October 1966:** Namibia: : MMK: 1 [1] - Ombu: TM: 7 [7 - 8 - 8].
- 7 October 1966:** Namibia: Otjimbingue: TM: 2 [2 - 2 - 2].
- 19 October 1966:** Namibia: Farm Arnhem [=Arnem]: TM: 1 [1 - 1 - 1].
- 29 October 1966:** Namibia: Farm Arnhem [=Arnem]: TM: 23 [23 - 23].
 South Africa: Farm Uitkomst 499: TM: 1 [1 - 1 - 24].
- 25 January 1967:** South Africa: John Nash Nature Reserve [=Jack Scott Private Nature Reserve], American cave: TM: 4 [4 - 4 - 4].
- 20 November 1971:** Namibia: Omega: SMW: 1 [1 - 1 - 1].
- 1 June 1978:** Namibia: Bats Hole: TM: 3 [3 - 3 - 3].
- 4 January 1979:** Namibia: Sesfontein: SMW: 1 [1 - 1 - 1].
- 7 October 1983:** Namibia: Dumushe water: TM: 6 [6 - 6 - 6].

Total Specimens for Coetzee, C.G.: 94

Coetzee, C.G. and Rautenbach, Ignatius L. (Dr.) [=Naas];

- 16 October 1979:** Namibia: Jack Scott Bridge: TM: 1 [1 - 1 - 1].

Total Specimens for Coetzee, C.G. and Rautenbach, Ignatius L. (Dr.) [=Naas]: 1

Coetzee, C.G. and the Smithsonian Expedition

- Collection Date Unknown:** Mozambique: Muchena: TM: 1 [1 - 1 - 1].
7 August 1964: Mozambique: Vila Gamito, 10 km N: TM: 1 [1 - 1 - 1].
9 August 1964: Mozambique: Vila Gamito, 10 km N: TM: 9 [9 - 9 - 9].

Total Specimens for Coetzee, C.G. and the Smithsonian Expedition: 11

Coghill, D.

- Collection Date Unknown:** South Africa: Natal: AMNH: 1 [1 - 1 - 1].

Total Specimens for Coghill, D.: 1

Cohen, Lientjie (Mpumalanga Parks Board)

- Collection Date Unknown:** South Africa: ???: TM: 3 [3] - Dullstroom Town: TM: 1 [1] - Farm Badfontein 114JT, Kwena: TM: 1 [1] - Farm Klipsteen 67JT: TM: 1 [1] - Loskopdam Nature Reserve: TM: 1 [1 - 7 - 7].
- 25 July 1999:** South Africa: Farm Rietfontein 536KQ: TM: 1 [1 - 1 - 1].
- 2 August 1999:** South Africa: Farm Sterkspruit 33JT, Lydenburg Fisheries: TM: 1 [1 - 1 - 1].
- 11 January 2001:** South Africa: Farm De Kafferskraal 53JT: TM: 1 [1 - 1 - 1].
- 15 January 2001:** South Africa: Lydenburg: TM: 1 [1 - 1 - 1].
- 5 February 2001:** South Africa: Farm Vergelegen 80JS, Loskop Dam Wall Inspection Tunnel: TM: 1 [1 - 1 - 1].
- 21 February 2001:** South Africa: Townlands of Mathinus Wesselstroom: TM: 1 [1 - 1 - 1].
- 3 March 2001:** South Africa: Waterberg, Farm Klipfontein 54JS: TM: 1 [1 - 1 - 1].
- 16 March 2001:** South Africa: Farm Sterkspruit 33JT, Lydenburg Fisheries: TM: 1 [1 - 1 - 1].
- 15 April 2001:** South Africa: Farm Elandsfontein 435KT: TM: 2 [2 - 2 - 2].
- 6 May 2001:** South Africa: Berlin: TM: 2 [2 - 2 - 2].
- 3 March 2002:** South Africa: Farm Sudwalaskraal 271JT: TM: 1 [1 - 1 - 1].
- 5 May 2002:** South Africa: Farm Klipgat 217JT: TM: 2 [2 - 2 - 2].
- 6 May 2002:** South Africa: Farm Sterkspruit 412KT: TM: 1 [1 - 1 - 1].
- 6 July 2002:** South Africa: Farm Elandsfontein 435KT, Bourke's Luck: TM: 2 [2 - 2 - 2].
- 3 August 2002:** South Africa: Farm Wakkersdal 436KT: TM: 1 [1 - 1 - 1].
- 5 October 2002:** South Africa: Farm Sterkspruit 412KT, Mogaba: TM: 1 [1 - 1 - 1].
- 6 October 2002:** South Africa: Farm Sterkspruit 412KT, Mogaba: TM: 2 [2 - 2 - 2].
- 3 November 2002:** South Africa: Farm Haffenden Heights 35KT: TM: 2 [2 - 2 - 2].
- 6 July 2003:** South Africa: Farm Skoongesig 360JS, Languitsig: TM: 2 [2 - 2 - 2].
- 16 July 2003:** South Africa: Farm Victoriaspoort 18IT: TM: 3 [3 - 3 - 3].
- 13 August 2003:** South Africa: Ngodwena: TM: 1 [1 - 1 - 1].
- 7 September 2003:** South Africa: Perkeo ? 223KT: TM: 1 [1 - 1 - 1].

6 January 2004: South Africa: : TM: 1 [1 - 1 - 1].
25 October 2004: South Africa: Kaalrug: TM: 2 [2] - Mpumalanga: TM: 3 [3 - 5 - 5].
26 October 2004: South Africa: Malelane Old Mine Shaft: TM: 4 [4 - 4 - 4].
27 October 2004: South Africa: Mpumalanga: TM: 1 [1] - Waterval: TM: 2 [2 - 3 - 3].
10 February 2005: South Africa: Dullstroom Town: TM: 1 [1 - 1 - 1].
17 May 2005: South Africa: Mpumalanga: TM: 1 [1 - 1 - 1].
4 October 2005: South Africa: Farm In-de-Diepte 164JT: TM: 2 [2 - 2 - 2].
8 October 2005: South Africa: Lydenburg Fisheries: TM: 1 [1 - 1 - 1].
27 October 2005: South Africa: Farm Tenbosch 112JU: TM: 1 [1 - 1 - 1].
28 October 2005: South Africa: Farm Thankerton 175JU: TM: 1 [1 - 1 - 1].

Total Specimens for Cohen, Lientjie (Mpumalanga Parks Board): 58

Cohen, Lientjie and Fernsby, Nigel

17 February 2001: South Africa: Farm Victoriaspoort 18IT: TM: 3 [3 - 3 - 3].

Total Specimens for Cohen, Lientjie and Fernsby, Nigel: 3

Cohen, Lientjie; Fernsby, Nigel and Burrows, J.

14 November 2003: South Africa: Farm Uitkyk 264JT, Buffelskloof Private Nature Reserve: TM: 1 [1 - 1 - 1].

Total Specimens for Cohen, Lientjie; Fernsby, Nigel and Burrows, J.: 1

Cole, Ronald E.

Collection Date Unknown: Mozambique: Chimonzo: USNM: 2 [2] - Jongamo: USNM: 3 [3] - Massangena: USNM: 1 [1] -
 Massinga, 2 km S: USNM: 2 [2] - Panda: USNM: 7 [7] - Posto Inhaca: USNM: 4 [4 - 19 - 19].
29 September 1961: Botswana: Drodsky cave: USNM: 1 [1 - 1 - 1].
22 November 1963: Namibia: Gobabeb: USNM: 1 [1 - 1 - 1].
25 November 1963: Namibia: Gobabeb: USNM: 1 [1 - 1 - 1].
21 February 1964: Mozambique: Chimonzo: USNM: 1 [1 - 1 - 1].
23 February 1964: Mozambique: Chimonzo: USNM: 6 [6 - 6 - 6].
9 April 1964: Mozambique: Massinga, 2 km N: USNM: 4 [4 - 4 - 4].
13 April 1964: Mozambique: Jongamo: USNM: 1 [1 - 1 - 1].
16 April 1964: Mozambique: Jongamo: USNM: 21 [21 - 21 - 21].

Total Specimens for Cole, Ronald E.: 55

Collart

16 August 1928: Congo (Democratic Republic of the): Stanleyville [=Kisangani]: RMCA: 1 [1 - 1 - 1].
5 November 1928: Congo (Democratic Republic of the): Stanleyville [=Kisangani]: RMCA: 1 [1 - 1 - 1].

Total Specimens for Collart: 2

Colley

Collection Date Unknown: Tanzania: Moshi: SMF: 2 [2 - 2 - 2].

Total Specimens for Colley: 2

Colyn, Marc

Collection Date Unknown: Congo (Democratic Republic of the): Kisangani-Ituri: RMCA: 4 [4] - Stanleyville [=Kisangani]:
 RMCA: 26 [26] - Tschakala: RMCA: 5 [5 - 35 - 35].

Total Specimens for Colyn, Marc: 35

Conicks

22 August 1960: Tanzania: Mwaya: HZM: 1 [1 - 1 - 1].

Total Specimens for Conicks: 1

Conradt

Collection Date Unknown: Cameroon: Johan-Albrechtshöhe: ZMB: 1 [1] - no specific locality: ZMB: 1 [1 - 2].
 Togo: Bismarckburg [=Bismarckbourg]: ZMB: 2 [2] - no specific locality: ZMB: 2 [2 - 4 - 6].

Total Specimens for Conradt: 6

Cook, O.F.

Collection Date Unknown: Liberia: Coffee, mount: USNM: 1 [1] - Liberia: USNM: 1 [1 - 2 - 2].
1 May 1894: Liberia: Coffee, mount: USNM: 1 [1 - 1 - 1].

Total Specimens for Cook, O.F.: 3

Cook, P. (Mrs)

9 August 1961: Uganda: Katatemwa: HZM: 1 [1 - 1 - 1].

Total Specimens for Cook, P. (Mrs): 1

Cooke, M.L. (Natal Parks Board)

Collection Date Unknown: South Africa: Hlabisa: TM: 1 [1 - 1 - 1].

Total Specimens for Cooke, M.L. (Natal Parks Board): 1

Coombs, C.

Collection Date Unknown: South Africa: Hennops River: TM: 1 [1 - 1 - 1].

Total Specimens for Coombs, C.: 1

Cooper, B.

Collection Date Unknown: Tanzania: Manyara, Lake: BMNH: 3 [3 - 3 - 3].

Total Specimens for Cooper, B.: 3

Cooper, R.

Collection Date Unknown: South Africa: Sibaya: TM: 2 [2 - 2 - 2].

Total Specimens for Cooper, R.: 2

Cooper, R.L.

Collection Date Unknown: South Africa: Ingwavuma: TM: 1 [1 - 1 - 1].

Total Specimens for Cooper, R.L.: 1

Copley, R.B.

Collection Date Unknown: South Africa: West Driefontein caves: TM: 1 [1] - Zebedula: TM: 1 [1 - 2 - 2].

7 January 1958: South Africa: Farm Modderfontein, Howel Davies Caves: TM: 4 [4] - Zebediello: SMF: 1 [1 - 5 - 5].

8 January 1958: South Africa: Farm Modderfontein, Howel Davies Caves: TM: 1 [1 - 1 - 1].

13 January 1958: South Africa: Farm Makapansgat 39KS, Ficus cave: TM: 3 [3 - 3 - 3].

9 February 1958: South Africa: Cave of Death: TM: 1 [1 - 1 - 1].

15 February 1958: South Africa: Blurweberg cave: TM: 2 [2 - 2 - 2].

17 February 1958: South Africa: Blurweberg cave: TM: 3 [3] - Skurweberg cave: TM: 1 [1 - 4 - 4].

2 April 1958: South Africa: Farm Modderfontein, Howell Davies Cave: TM: 1 [1 - 1 - 1].

7 April 1958: South Africa: Farm Modderfontein, Howel Davies Caves: TM: 2 [2 - 2 - 2].

9 April 1958: South Africa: Farm Modderfontein, Howel Davies Caves: TM: 1 [1 - 1 - 1].

10 April 1958: South Africa: Farm Makapansgat 39, Peppercorn Cave [=Peppercorn's, Peppercorn]: TM: 1 [1 - 1 - 1].

15 April 1958: South Africa: Farm Modderfontein, Howel Davies Caves: TM: 1 [1 - 1 - 1].

14 June 1958: South Africa: Farm Donkerpoort 448, Sandspruit Cave No. 1: TM: 1 [1 - 1 - 1].

16 June 1958: South Africa: Farm Donkerpoort 448, Sandspruit Cave No. 1: TM: 1 [1 - 1 - 1].

30 June 1958: South Africa: Farm Modderfontein, Howel Davies Caves: TM: 3 [3 - 3 - 3].

12 December 1959: South Africa: Rooiberg, Sandspruit cave: SMF: 2 [2 - 2 - 2].

3 June 1962: South Africa: Farm Donkerpoort 448, Sandspruit Cave No. 1: TM: 5 [5 - 5 - 5].

19 August 1962: South Africa: Farm Donkerpoort 448, Sandspruit Cave No. 1: TM: 1 [1 - 1 - 1].

28 February 1966: South Africa: Farm Donkerpoort 448, Sandspruit Cave No. 1: TM: 1 [1 - 1 - 1].

24 October 1990: South Africa: Mphahlele River: TM: 1 [1 - 1 - 1].

Total Specimens for Copley, R.B.: 39

Copley, R.B. and Siegrist, Q.

19 August 1962: South Africa: Farm Donkerpoort 448, Sandspruit Cave No. 1: TM: 3 [3 - 3 - 3].

Total Specimens for Copley, R.B. and Siegrist, Q.: 3

Corbet, Gordon B.

28 September 1960: Kenya: Port Reitz: BMNH: 1 [1 - 1 - 1].

Total Specimens for Corbet, Gordon B.: 1

Corbet, Gordon B. and Ingles, Jane M.

Collection Date Unknown: Tanzania: Mto-Wa-Mbo: BMNH: 1 [1 - 1 - 1].

15 August 1965: Kenya: Kivumoni Forest: BMNH: 1 [1 - 1 - 1].

Total Specimens for Corbet, Gordon B. and Ingles, Jane M.: 2

Cornet, Dr. and Taufflieb, R.

16 April 1965: Senegal: M'Bour: MHNG: 1 [1 - 1 - 1].

12 July 1965: Senegal: Bandia: MHNG: 1 [1 - 1 - 1].

Total Specimens for Cornet, Dr. and Taufflieb, R.: 2

Cosins

Collection Date Unknown: Kenya: Guaso Nyiro: BMNH: 1 [1 - 1].

Uganda: Moroto: BMNH: 1 [1 - 1 - 2].

Total Specimens for Cosins: 2

Cotterill, F.D.P.

Collection Date Unknown: Zimbabwe: The Homestead: TM: 2 [2 - 2 - 2].

11 October 1990: Zambia: Kavunda: HZM: 1, NHMZ: 2 [3 - 3 - 3].

22 November 1992: Zimbabwe: Lunare valley: NHMZ: 1 [1 - 1 - 1].

Total Specimens for Cotterill, F.D.P.: 6

Couette-Rigaux

29 February 1980: Liberia: LTC Camp: RMCA: 1 [1 - 1 - 1].

Total Specimens for Couette-Rigaux: 1

Coulon

Collection Date Unknown: Congo (Democratic Republic of the): Sakania: RMCA: 1 [1 - 1 - 1].

Total Specimens for Coulon: 1

Cowan, W. Deans (Rev.)

Collection Date Unknown: Madagascar: Fianarantsoa: BMNH: 1 [1 - 1 - 1].

Total Specimens for Cowan, W. Deans (Rev.): 1

Cowles, R.B.

Collection Date Unknown: South Africa: Durban, 50 km S: AMNH: 1 [1 - 1 - 1].

Total Specimens for Cowles, R.B.: 1

Cozens, A.B. (Col.)

Collection Date Unknown: Nigeria: Ibadan: BMNH: 1 [1] - Umuahia: BMNH: 2 [2 - 3 - 3].

21 August 1952: Nigeria: Umuahia: BMNH: 2 [2 - 2 - 2].

8 October 1952: Nigeria: Umuahia: BMNH: 1 [1 - 1 - 1].

Total Specimens for Cozens, A.B. (Col.): 6

Cozens, G.P. and Swinny, H.H.

8 September 1919: Tanzania: Kisarawe: BMNH: 1 [1 - 1 - 1].

Total Specimens for Cozens, G.P. and Swinny, H.H.: 1

Crack, I.J. (Mrs.)

Collection Date Unknown: South Africa: Lombardy Willows: TM: 2 [2 - 2 - 2].

Total Specimens for Crack, I.J. (Mrs.): 2

Craigie, John

Collection Date Unknown: South Africa: Albert Falls Nature Reserve: DNSM: 1 [1 - 1 - 1].

Total Specimens for Craigie, John: 1

Crick

1 January 1979: Nigeria: Kano: HZM: 1 [1 - 1 - 1].

Total Specimens for Crick: 1

Crofse, H.

Collection Date Unknown: Nigeria: Asaba: BMNH: 1 [1 - 1 - 1].

Total Specimens for Crofse, H.: 1

Crossley

Collection Date Unknown: Madagascar: no specific locality: ZMB: 1 [1 - 1 - 1].

Total Specimens for Crossley: 1

Crowcroft, W.P.

Collection Date Unknown: Zimbabwe: Doddieburn: BMNH: 1 [1 - 1 - 1].

Total Specimens for Crowcroft, W.P.: 1

Crowson, J.

1 January 1985: South Africa: Mount Currie Nature Reserve: TM: 1 [1 - 1 - 1].

Total Specimens for Crowson, J.: 1

Crowson, T.

21 November 1984: South Africa: Mount Currie Nature Reserve: TM: 1 [1 - 1 - 1].

Total Specimens for Crowson, T.: 1

Cruikshank, R.

7 December 1974: South Africa: Rocher Pan Nature Reserve [=Rocher pan, Rocherpan]: SAMC: 1 [1 - 1 - 1].

12 December 1974: South Africa: Rocher Pan Nature Reserve [=Rocher pan, Rocherpan]: SAMC: 1 [1 - 1 - 1].

Total Specimens for Cruikshank, R.: 2

Cuisance, Dominique (Dr.)

Collection Date Unknown: Zimbabwe: Zimbabwe: MNHN: 2 [2 - 2 - 2].

28 July 1986: Zimbabwe: Kudzwe dam: MNHN: 1 [1 - 1 - 1].

31 July 1986: Zimbabwe: Kudzwe dam: MNHN: 2 [2 - 2 - 2].

Total Specimens for Cuisance, Dominique (Dr.): 5

Cunliffe, R.

8 April 1980: Zimbabwe: Falcon College School, Mine shaft: NHMZ: 1 [1 - 1 - 1].

Total Specimens for Cunliffe, R.: 1

Curminghams

8 October 1986: South Africa: Himeville: DNSM: 1 [1 - 1 - 1].

Total Specimens for Curminghams: 1

Currie

20 January 1965: Kenya: Mombassa: SMF: 1 [1 - 1 - 1].

Total Specimens for Currie: 1

Cutte

Collection Date Unknown: Madagascar: no specific locality: ZMB: 1 [1 - 1 - 1].

Total Specimens for Cutte: 1

Daily News Abyssinia expedition, The

31 March 1927: Ethiopia: Tana, lake: FMNH: 1 [1 - 1 - 1].

Total Specimens for Daily News Abyssinia expedition, The: 1

Dalhousie (Lady)

Collection Date Unknown: Zambia: Chishela dambo: NHMZ: 1 [1 - 1 - 1].

Total Specimens for Dalhousie (Lady): 1

Dalquest, Walter W.

17 October 1965: Mozambique: Zinave: MWSU: 5 [5 - 5 - 5].

Total Specimens for Dalquest, Walter W.: 5

Daneel, W.B.

7 March 1905: South Africa: Knysna: TM: 1 [1 - 1 - 1].

Total Specimens for Daneel, W.B.: 1

Darling, J. ff., Esq.

Collection Date Unknown: Zimbabwe: Mazoe: BMNH: 3 [3 - 3 - 3].

13 January 1895: Zimbabwe: Mazoe: BMNH: 4 [4 - 4 - 4].

13 June 1895: Zimbabwe: Mazoe: BMNH: 1 [1 - 1 - 1].

7 December 1900: Zimbabwe: Mazoe: BMNH: 1 [1 - 1 - 1].

Total Specimens for Darling, J. ff., Esq.: 9

Dartevelle, Dr.

Collection Date Unknown: Congo (Democratic Republic of the): Matadi: RMCA: 1 [1 - 1 - 1].

11 December 1946: Congo (Democratic Republic of the): Makengo: RMCA: 1 [1 - 1 - 1].

Total Specimens for Dartevelle, Dr.: 2

Davenport, L.

20 April 1991: Burundi: Nyamugari hill: FMNH: 1 [1 - 1 - 1].

Total Specimens for Davenport, L.: 1

Davey

27 October 1976: Kenya: Kenya: HZM: 1 [1 - 1 - 1].

Total Specimens for Davey: 1

Davidson

1 December 1965: South Africa: Pirie Trout hatchery: KM: 1 [1 - 1 - 1].

Total Specimens for Davidson: 1

Davies, J.H.

Collection Date Unknown: Gabon: Mitzic: BMNH: 1 [1 - 1 - 1].

Total Specimens for Davies, J.H.: 1

Davies, R. and Walker, P.

21 February 1985: South Africa: Msinga pan: TM: 1 [1 - 1 - 1].

Total Specimens for Davies, R. and Walker, P.: 1

Davis, R.M.

Collection Date Unknown: Mozambique: Beira, 10 km N: USNM: 1 [1 - 1].

Senegal: Dakar: USNM: 2 [2] - Dialocote: USNM: 17 [17] - Gamon: USNM: 1 [1] - Goudiri: USNM: 5 [5 - 25].

The Gambia: Bathurst [=Banjul]: USNM: 2 [2] - Kudang: USNM: 3 [3] - Toniataba: USNM: 1 [1 - 6 - 32].

9 August 1964: Mozambique: Vila Gamito: USNM: 13 [13 - 13 - 13].

19 August 1964: Mozambique: Mungari, 5 km N: USNM: 2 [2 - 2 - 2].

10 April 1965: Botswana: Drodsky cave: USNM: 7 [7 - 7 - 7].

25 April 1965: Botswana: Nata: USNM: 1 [1 - 1 - 1].

26 November 1965: Senegal: Kaffrine, 15 km N: USNM: 9 [9 - 9 - 9].

12 January 1966: The Gambia: Banjul, 8 mi W: USNM: 1 [1 - 1 - 1].

13 January 1966: The Gambia: Banjul, 8 mi W: USNM: 6 [6 - 6 - 6].

15 February 1966: The Gambia: Kudang: USNM: 9 [9 - 9 - 9].

16 February 1966: The Gambia: Kudang: USNM: 4 [4 - 4 - 4].

19 February 1966: The Gambia: Kudang: USNM: 3 [3 - 3 - 3].

25 March 1966: Senegal: Podor: USNM: 18 [18 - 18 - 18].

20 April 1966: Senegal: Goudiri: USNM: 21 [21 - 21 - 21].

5 May 1966: Senegal: Dialocote: USNM: 4 [4 - 4 - 4].

6 May 1966: Senegal: Dialocote: USNM: 27 [27 - 27 - 27].

7 May 1966: Senegal: Dialocote: USNM: 10 [10 - 10 - 10].

10 May 1966: Senegal: Gamon: USNM: 1 [1 - 1 - 1].

11 May 1966: Senegal: Gamon: USNM: 2 [2 - 2 - 2].

7 June 1966: The Gambia: Toniataba: USNM: 1 [1 - 1 - 1].

10 June 1966: The Gambia: Toniataba: USNM: 14 [14 - 14 - 14].

13 June 1966: The Gambia: Toniataba: USNM: 4 [4 - 4 - 4].

1 July 1966: Senegal: Dakar: USNM: 7 [7 - 7 - 7].

2 July 1966: Senegal: Dakar: USNM: 8 [8 - 8 - 8].

18 July 1966: Senegal: Louga, 8 km E: USNM: 39 [39 - 39 - 39].

Total Specimens for Davis, R.M.: 243

de Barros Machado, A. (Dr.)

1 August 1958: Angola: Dundo Lundo: BMNH: 1 [1 - 1 - 1].

8 April 1961: Angola: Dundo Lundo: BMNH: 1 [1 - 1].

Zambia: Dzala Cave: BMNH: 1 [1 - 1 - 2].

27 March 1963: Angola: Dundo Lundo: BMNH: 1 [1 - 1 - 1].

Total Specimens for de Barros Machado, A. (Dr.): 4

de Beer, T. (Transvaal Provincial Administration)

Collection Date Unknown: South Africa: D'Nyala Provincial Nature Reserve: TM: 3 [3] - Suikerbosrand [=Suikerboschrand]
Nature Reserve: TM: 1 [1 - 4 - 4].

Total Specimens for de Beer, T. (Transvaal Provincial Administration): 4

De Boer, P. and De Boer, A.

27 September 1976: Nigeria: Agege: ZMA: 4 [4 - 4 - 4].

Total Specimens for De Boer, P. and De Boer, A.: 4

De Bont

30 November 1955: Congo (Democratic Republic of the): Kipopo: RMCA: 3 [3 - 3 - 3].

6 November 1963: Congo (Democratic Republic of the): Lovanium university: RMCA: 2 [2 - 2 - 2].

Total Specimens for De Bont: 5

De Bont and Van Orshoven

10 December 1962: Congo (Democratic Republic of the): Lovanium university: RMCA: 1 [1 - 1 - 1].

12 March 1963: Congo (Democratic Republic of the): Lovanium university: RMCA: 1 [1 - 1 - 1].

Total Specimens for De Bont and Van Orshoven: 2

de Caters, R.P. Th.

Collection Date Unknown: Congo (Democratic Republic of the): Kakanda cave: BMNH: 1, RMCA: 3 [4 - 4 - 4].

Total Specimens for de Caters, R.P. Th.: 4

de Giorgi

11 March 1914: Congo (Democratic Republic of the): Yambatu: RMCA: 1 [1 - 1 - 1].

Total Specimens for de Giorgi: 1

de Jager, J.G.

Collection Date Unknown: South Africa: Farm Rolspruit 127: TM: 1 [1] - Pretoria Zoo's farm: TM: 1 [1 - 2 - 2].

13 August 1977: South Africa: Farm Ratsegai 204: TM: 1 [1 - 1 - 1].

31 August 1977: South Africa: Farm Ratsegai 204: TM: 2 [2 - 2 - 2].

17 November 1977: South Africa: Farm Marthavale: TM: 4 [4 - 4 - 4].

26 November 1977: South Africa: Farm Marthavale: TM: 1 [1 - 1 - 1].

1 April 1978: South Africa: Transvaal Museum workshop: TM: 1 [1 - 1 - 1].

Total Specimens for de Jager, J.G.: 11

de Kock, P.W.

9 October 1979: South Africa: : TM: 5 [5] - Saasveld Forestry College: TM: 10 [10 - 15 - 15].

Total Specimens for de Kock, P.W.: 15

de la Escalera, D. Manuel

26 July 1919: Equatorial Guinea: San Fernando cave: MNCN: 2 [2 - 2 - 2].

Total Specimens for de la Escalera, D. Manuel: 2

de la Escalera, D. Manuel (coll), Thomas, O. (pres)

Collection Date Unknown: Morocco: Ha-ha: BMNH: 1 [1 - 1 - 1].

Total Specimens for de la Escalera, D. Manuel (coll), Thomas, O. (pres): 1

de la Escolera, F.M.

Collection Date Unknown: Morocco: Mogador [=Essaouira]: ZMB: 2 [2] - Tagonidert: BMNH: 1 [1] - Tagouidert: ZMB: 1 [1 - 4 - 4].

Total Specimens for de la Escolera, F.M.: 4

de Loneux, Gonze

Collection Date Unknown: Congo (Democratic Republic of the): Loondo Mugunga: KBIN: 1 [1 - 1 - 1].

Total Specimens for de Loneux, Gonze: 1

de Meillan, B (Dr.) (Res. Officer)

18 October 1934: South Africa: Eshowe: TM: 1 [1 - 1 - 1].

15 November 1934: South Africa: Eshowe: TM: 1 [1 - 1 - 1].

11 December 1934: South Africa: Eshowe: TM: 1 [1 - 1 - 1].

18 December 1934: South Africa: Eshowe: TM: 1 [1 - 1 - 1].

Total Specimens for de Meillan, B (Dr.) (Res. Officer): 4

de Rodhain, J.

15 August 1922: Congo (Democratic Republic of the): Boma: RMCA: 2 [2 - 2 - 2].

Total Specimens for de Rodhain, J.: 2

De Roo, Antoon

Collection Date Unknown: Congo (Democratic Republic of the): Kamponde: RMCA: 7 [7] - Luluabourg [=Kananga]: RMCA: 2 [2 - 9 - 9].

29 June 1963: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 1 [1 - 1 - 1].

29 August 1963: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 8 [8 - 8 - 8].

- 8 September 1963:** Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 3 [3 - 3 - 3].
14 September 1963: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 1 [1 - 1 - 1].
22 September 1963: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 1 [1 - 1 - 1].
24 September 1963: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 2 [2 - 2 - 2].
5 October 1963: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 2 [2 - 2 - 2].
5 January 1964: Congo (Democratic Republic of the): Albertville [=Kalemie]: AMNH: 5 [5 - 5 - 5].
9 February 1964: Congo (Democratic Republic of the): Kabwe: AMNH: 2 [2 - 2 - 2].
22 April 1964: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 1 [1 - 1 - 1].
26 April 1964: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 1 [1 - 1 - 1].
24 May 1964: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 1 [1 - 1 - 1].
4 June 1964: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 1 [1 - 1 - 1].
9 February 1965: Congo (Democratic Republic of the): Kabwe: RMCA: 3 [3 - 3 - 3].
16 February 1965: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 1 [1 - 1 - 1].
21 February 1965: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 1 [1 - 1 - 1].
25 February 1965: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 1 [1 - 1 - 1].
2 March 1965: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 3 [3 - 3 - 3].
19 March 1965: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 2 [2 - 2 - 2].
30 April 1965: Congo (Democratic Republic of the): Kabwe: RMCA: 7 [7 - 7 - 7].
3 July 1965: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 4 [4 - 4 - 4].
27 July 1965: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 6 [6 - 6 - 6].
30 April 1966: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 1 [1 - 1 - 1].
24 December 1966: Congo (Democratic Republic of the): Kaniki [3 locs]: RMCA: 1 [1 - 1 - 1].

Total Specimens for De Roo, Antoon: 68

de Saeger, H. et al.

- Collection Date Unknown:** Congo (Democratic Republic of the): Garamba Park: KBIN: 1, RMCA: 3 [4] - Nakpanga river: RMCA: 1 [1 - 5 - 5].
10 April 1948: Congo (Democratic Republic of the): Gangala-na-Bodio: KBIN: 1 [1 - 1 - 1].
8 November 1949: Congo (Democratic Republic of the): Gangala-na-Bodio: KBIN: 1 [1 - 1 - 1].
1 January 1950: Congo (Democratic Republic of the): Garamba Park: RMCA: 1 [1 - 1 - 1].
24 February 1950: Congo (Democratic Republic of the): Bagbele: KBIN: 1 [1 - 1 - 1].
3 April 1950: Congo (Democratic Republic of the): Bagbele: KBIN: 3 [3] - Garamba Park: RMCA: 1 [1 - 4 - 4].
13 April 1950: Congo (Democratic Republic of the): Bagbele: KBIN: 2 [2 - 2 - 2].
15 April 1950: Congo (Democratic Republic of the): Bagbele: RMCA: 1 [1 - 1 - 1].
30 April 1950: Congo (Democratic Republic of the): Bagbele: RMCA: 1 [1 - 1 - 1].
5 October 1950: Congo (Democratic Republic of the): Dungu: KBIN: 1 [1 - 1 - 1].
27 December 1950: Congo (Democratic Republic of the): Garamba Park: KBIN: 1 [1 - 1 - 1].
18 January 1951: Congo (Democratic Republic of the): Bagunda: KBIN: 1 [1] - Garamba Park: KBIN: 1 [1 - 2 - 2].
30 January 1951: Congo (Democratic Republic of the): Wilibadi river: KBIN: 1 [1 - 1 - 1].
16 February 1951: Congo (Democratic Republic of the): Garamba Park: KBIN: 1 [1 - 1 - 1].
1 March 1951: Congo (Democratic Republic of the): Cellule II: RMCA: 1 [1] - Garamba Park: KBIN: 1, RMCA: 1 [2 - 3 - 3].
7 March 1951: Congo (Democratic Republic of the): Garamba Park: KBIN: 1 [1 - 1 - 1].
16 March 1951: Congo (Democratic Republic of the): Cellule II: RMCA: 2 [2] - Garamba Park: KBIN: 5, RMCA: 1 [6 - 8 - 8].
17 March 1951: Congo (Democratic Republic of the): Garamba Park: KBIN: 1, RMCA: 1 [2 - 2 - 2].
30 March 1951: Congo (Democratic Republic of the): Garamba Park: KBIN: 2, RMCA: 2 [4 - 4 - 4].
2 April 1951: Congo (Democratic Republic of the): Garamba Park: KBIN: 1, RMCA: 1 [2 - 2 - 2].
5 April 1951: Congo (Democratic Republic of the): Kassi river: RMCA: 1 [1 - 1 - 1].
12 April 1951: Congo (Democratic Republic of the): Maleli: KBIN: 1 [1 - 1 - 1].
22 April 1951: Congo (Democratic Republic of the): Garamba Park: KBIN: 1 [1 - 1 - 1].
12 May 1951: Congo (Democratic Republic of the): Garamba Park: KBIN: 1 [1 - 1 - 1].
21 May 1951: Congo (Democratic Republic of the): Garamba Park: KBIN: 2 [2 - 2 - 2].
22 May 1951: Congo (Democratic Republic of the): Garamba Park: KBIN: 1 [1 - 1 - 1].
26 May 1951: Congo (Democratic Republic of the): Garamba Park: KBIN: 1 [1 - 1 - 1].
31 May 1951: Congo (Democratic Republic of the): Garamba Park: RMCA: 1 [1 - 1 - 1].
1 June 1951: Congo (Democratic Republic of the): Garamba Park: KBIN: 1 [1 - 1 - 1].
8 June 1951: Congo (Democratic Republic of the): Cellule II: RMCA: 2 [2 - 2 - 2].
11 June 1951: Congo (Democratic Republic of the): Maleli: KBIN: 1 [1 - 1 - 1].
13 June 1951: Congo (Democratic Republic of the): Maleli: RMCA: 1 [1] - Marari: KBIN: 1 [1] - Morubia: RMCA: 1 [1 - 3 - 3].
14 June 1951: Congo (Democratic Republic of the): Maleli: RMCA: 1 [1] - Morubia: RMCA: 1 [1 - 2 - 2].
25 June 1951: Congo (Democratic Republic of the): Garamba Park: KBIN: 1 [1 - 1 - 1].
8 July 1951: Congo (Democratic Republic of the): Mogbwamu river, upper: RMCA: 1 [1 - 1 - 1].
10 July 1951: Congo (Democratic Republic of the): Makpe river, upper: KBIN: 1 [1 - 1 - 1].
12 July 1951: Congo (Democratic Republic of the): Makpe river, upper: KBIN: 1, RMCA: 2 [3 - 3 - 3].
13 July 1951: Congo (Democratic Republic of the): Makpe river, upper: KBIN: 3 [3 - 3 - 3].
14 July 1951: Congo (Democratic Republic of the): Makpe river, upper: RMCA: 1 [1 - 1 - 1].
19 July 1951: Congo (Democratic Republic of the): Garamba Park: KBIN: 2, RMCA: 1 [3 - 3 - 3].
21 July 1951: Congo (Democratic Republic of the): Garamba Park: KBIN: 3, RMCA: 2 [5 - 5 - 5].
23 July 1951: Congo (Democratic Republic of the): Garamba Park: KBIN: 1 [1 - 1 - 1].
10 August 1951: Congo (Democratic Republic of the): Aba: KBIN: 3 [3 - 3 - 3].
25 September 1951: Congo (Democratic Republic of the): Garamba Park: KBIN: 1 [1 - 1 - 1].
10 November 1951: Congo (Democratic Republic of the): Garamba Park: KBIN: 1 [1 - 1 - 1].
3 December 1951: Congo (Democratic Republic of the): Ndelele: KBIN: 1 [1 - 1 - 1].
15 January 1952: Congo (Democratic Republic of the): Garamba Park: KBIN: 1, RMCA: 1 [2 - 2 - 2].

- 31 January 1952: Congo (Democratic Republic of the): Garamba Park: KBIN: 4, RMCA: 3 [7 - 7 - 7].
 1 February 1952: Congo (Democratic Republic of the): Garamba Park: KBIN: 1, RMCA: 1 [2 - 2 - 2].
 7 February 1952: Congo (Democratic Republic of the): Garamba Park: KBIN: 3 [3] - PFNK 15 + 16: RMCA: 1 [1 - 4 - 4].
 12 February 1952: Congo (Democratic Republic of the): Garamba Park: RMCA: 2 [2 - 2 - 2].
 16 February 1952: Congo (Democratic Republic of the): Garamba Park: KBIN: 1 [1 - 1 - 1].
 18 February 1952: Congo (Democratic Republic of the): Garamba Park: KBIN: 3 [3 - 3 - 3].
 25 February 1952: Congo (Democratic Republic of the): Cellule II: RMCA: 1 [1 - 1 - 1].
 26 February 1952: Congo (Democratic Republic of the): Garamba Park: KBIN: 2, RMCA: 1 [3 - 3 - 3].
 27 February 1952: Congo (Democratic Republic of the): Garamba Park: KBIN: 1 [1 - 1 - 1].
 6 March 1952: Congo (Democratic Republic of the): Nampume: KBIN: 2, RMCA: 1 [3 - 3 - 3].
 8 March 1952: Congo (Democratic Republic of the): Garamba Park: KBIN: 1 [1 - 1 - 1].
 10 March 1952: Congo (Democratic Republic of the): Nadegebe river: RMCA: 2 [2 - 2 - 2].
 13 March 1952: Congo (Democratic Republic of the): Ndelele: KBIN: 1 [1 - 1 - 1].
 18 March 1952: Congo (Democratic Republic of the): Garamba Park: KBIN: 1 [1] - Morubia: RMCA: 1 [1 - 2 - 2].
 25 March 1952: Congo (Democratic Republic of the): Garamba Park: KBIN: 1 [1] - PFSK 8 + 17: RMCA: 3 [3 - 4 - 4].
 26 March 1952: Congo (Democratic Republic of the): Garamba Park: KBIN: 1 [1 - 1 - 1].
 31 March 1952: Congo (Democratic Republic of the): Garamba Park: RMCA: 1 [1 - 1 - 1].
 2 April 1952: Congo (Democratic Republic of the): Garamba Park: KBIN: 2 [2 - 2 - 2].
 3 April 1952: Congo (Democratic Republic of the): Garamba Park: RMCA: 1 [1 - 1 - 1].
 7 April 1952: Congo (Democratic Republic of the): Garamba Park: RMCA: 2 [2 - 2 - 2].
 18 April 1952: Congo (Democratic Republic of the): Nakpanga river: KBIN: 1 [1 - 1 - 1].
 19 April 1952: Congo (Democratic Republic of the): Bagisana: KBIN: 1 [1] - Kokodo river: KBIN: 2 [2 - 3 - 3].
 20 April 1952: Congo (Democratic Republic of the): Meridi river: KBIN: 1 [1 - 1 - 1].
 23 April 1952: Congo (Democratic Republic of the): Pidigala Nord: KBIN: 2, RMCA: 2 [4 - 4 - 4].
 24 April 1952: Congo (Democratic Republic of the): Pidigala Nord: RMCA: 1 [1 - 1 - 1].
 3 May 1952: Congo (Democratic Republic of the): Garamba Park: KBIN: 1 [1 - 1 - 1].
 8 May 1952: Congo (Democratic Republic of the): Garamba Park: KBIN: 1 [1 - 1 - 1].
 14 May 1952: Congo (Democratic Republic of the): Garamba Park: KBIN: 1 [1 - 1 - 1].
 15 May 1952: Congo (Democratic Republic of the): Aka-Inimvua confluence: RMCA: 1 [1 - 1 - 1].
 16 May 1952: Congo (Democratic Republic of the): Aka river: KBIN: 1 [1 - 1 - 1].
 22 May 1952: Congo (Democratic Republic of the): Buluku river: KBIN: 1 [1 - 1 - 1].
 26 May 1952: Congo (Democratic Republic of the): Garamba Park: KBIN: 1 [1 - 1 - 1].
 10 June 1952: Congo (Democratic Republic of the): Utukuru: KBIN: 1 [1 - 1 - 1].
 11 June 1952: Congo (Democratic Republic of the): Kalikimvua: KBIN: 1 [1 - 1 - 1].
 17 June 1952: Congo (Democratic Republic of the): Tungu, mount: KBIN: 1 [1 - 1 - 1].
 20 June 1952: Congo (Democratic Republic of the): Moko river: KBIN: 2 [2 - 2 - 2].
 16 July 1952: Congo (Democratic Republic of the): Garamba Park: KBIN: 1 [1 - 1 - 1].
 25 July 1952: Congo (Democratic Republic of the): Bagbele Moko: RMCA: 1 [1 - 1 - 1].
 26 July 1952: Congo (Democratic Republic of the): Bagbele Moko: KBIN: 25, RMCA: 17 [42 - 42 - 42].
 1 August 1952: Congo (Democratic Republic of the): Mabanga: KBIN: 2, RMCA: 1 [3 - 3 - 3].
 2 August 1952: Congo (Democratic Republic of the): Garamba Park: KBIN: 3 [3 - 3 - 3].

Total Specimens for de Saeger, H. et al.: 204

de Selys-Longschamps

- Collection Date Unknown:** "Africa": Africa: KBIN: 1 [1 - 1].
 Egypt: Egypt: KBIN: 1 [1 - 1].
 Senegal: Senegal: KBIN: 1 [1 - 1].
 Somalia: Afgoi: USNM: 1 [1 - 1].
 Sudan: Nubia: KBIN: 1 [1 - 1 - 5].
 25 July 1932: Egypt: Egypt: KBIN: 1 [1 - 1].
 South Africa: Durban: KBIN: 1 [1 - 1 - 2].

Total Specimens for de Selys-Longschamps: 7

De Smet, Dr.

- Collection Date Unknown:** Congo (Democratic Republic of the): Elisabethville [=Lubumbashi]: RMCA: 1 [1] - Kasenga: RMCA: 1 [1] - Kimilolo: RMCA: 1 [1 - 3 - 3].
 12 August 1954: Congo (Democratic Republic of the): Kipushi: RMCA: 1 [1 - 1 - 1].
 25 August 1954: Congo (Democratic Republic of the): Lubumbashi: RMCA: 1 [1 - 1 - 1].
 27 August 1954: Congo (Democratic Republic of the): Lubumbashi: RMCA: 2 [2 - 2 - 2].
 28 August 1954: Congo (Democratic Republic of the): Lubumbashi: RMCA: 1 [1 - 1 - 1].
 2 September 1954: Congo (Democratic Republic of the): Lubumbashi: RMCA: 2 [2 - 2 - 2].

Total Specimens for De Smet, Dr.: 10

de Ville

- 24 June 1881: Tanzania: Zanzibar: KBIN: 1 [1 - 1 - 1].
 9 December 1882: Tanzania: Zanzibar: KBIN: 1 [1 - 1 - 1].

Total Specimens for de Ville: 2

de Villiers, A.J. (Transvaal Provincial Administration)

Collection Date Unknown: South Africa: Langjan Provincial Nature Reserve: TM: 2 [2 - 2 - 2].
10 August 1989: South Africa: Langjan Provincial Nature Reserve: TM: 1 [1 - 1 - 1].
30 August 1989: South Africa: Langjan Provincial Nature Reserve: TM: 1 [1 - 1 - 1].

Total Specimens for de Villiers, A.J. (Transvaal Provincial Administration): 4

De Vree, Frits

Collection Date Unknown: Cameroon: Waza: RMCA: 3 [3 - 3 - 3].
13 August 1968: Togo: Nanergou: RMCA: 1 [1 - 1 - 1].
14 August 1968: Togo: Nanergou: RMCA: 1 [1 - 1 - 1].
19 November 1969: Côte d'Ivoire: Adiopodoumé: RMCA: 1 [1 - 1 - 1].
3 December 1970: Cameroon: Yagoua: RMCA: 1 [1 - 1 - 1].
18 December 1970: Cameroon: Mokolo: RMCA: 1 [1 - 1 - 1].
27 December 1970: Cameroon: Waza: RMCA: 1 [1 - 1 - 1].
28 December 1970: Cameroon: Waza: RMCA: 1 [1 - 1 - 1].
29 December 1970: Cameroon: Waza: RMCA: 1 [1 - 1 - 1].
30 December 1970: Cameroon: Waza: RMCA: 5 [5 - 5 - 5].
8 August 1972: Cameroon: Poli: RMCA: 2 [2 - 2 - 2].
24 August 1972: Cameroon: Waza: RMCA: 3 [3 - 3 - 3].
25 August 1972: Cameroon: Waza: RMCA: 1 [1 - 1 - 1].
26 August 1972: Cameroon: Waza: RMCA: 3 [3 - 3 - 3].
28 August 1972: Cameroon: Waza: RMCA: 1 [1 - 1 - 1].
29 August 1972: Cameroon: Waza: RMCA: 3 [3 - 3 - 3].
30 August 1972: Cameroon: Waza: RMCA: 1 [1 - 1 - 1].
3 September 1972: Cameroon: Yagoua: RMCA: 1 [1 - 1 - 1].
4 September 1972: Cameroon: Yagoua: RMCA: 3 [3 - 3 - 3].
7 September 1972: Cameroon: Yagoua: RMCA: 7 [7 - 7 - 7].
9 September 1972: Cameroon: Yagoua: RMCA: 1 [1 - 1 - 1].

Total Specimens for De Vree, Frits: 42

De Vree, Frits and De Roo, Antoon

Collection Date Unknown: Togo: Atakpamé: RMCA: 7 [7] - Nanergou: RMCA: 7 [7 - 14 - 14].
23 June 1968: Côte d'Ivoire: Adiopodoumé: RMCA: 4 [4 - 4 - 4].

Total Specimens for De Vree, Frits and De Roo, Antoon: 18

De Vree, Frits and Van der Straeten, Erik

8 December 1969: Togo: Borgou: RMCA: 1 [1 - 1 - 1].
11 December 1969: Togo: Borgou: RMCA: 2 [2 - 2 - 2].
12 December 1969: Togo: Borgou: RMCA: 1 [1 - 1 - 1].

Total Specimens for De Vree, Frits and Van der Straeten, Erik: 4

De Vree, Frits et al. (Togo 2)

23 July 1969: Togo: Niamtougou: RMCA: 1 [1 - 1 - 1].
28 July 1969: Togo: Namoundjoga: RMCA: 1 [1 - 1 - 1].
29 July 1969: Togo: Namoundjoga: RMCA: 1 [1 - 1 - 1].

Total Specimens for De Vree, Frits et al. (Togo 2): 3

De Vree, Frits; Hulselmans, Jan; and Gevaerts

Collection Date Unknown: Cameroon: Waza: RMCA: 1 [1 - 1 - 1].
19 December 1970: Cameroon: Mokolo: RMCA: 1 [1 - 1 - 1].
28 December 1970: Cameroon: Waza: RMCA: 11 [11 - 11 - 11].
4 August 1972: Cameroon: Yagoua: RMCA: 1 [1 - 1 - 1].
9 August 1972: Cameroon: Poli: RMCA: 1 [1 - 1 - 1].
12 August 1972: Cameroon: Poli: RMCA: 1 [1 - 1 - 1].
18 August 1972: Cameroon: Campement du Grand Capitaine: RMCA: 1 [1 - 1 - 1].
24 August 1972: Cameroon: Waza: RMCA: 1 [1 - 1 - 1].
25 August 1972: Cameroon: Waza: RMCA: 3 [3 - 3 - 3].
26 August 1972: Cameroon: Waza: RMCA: 1 [1 - 1 - 1].
4 September 1972: Cameroon: Yagoua: RMCA: 13 [13 - 13 - 13].
5 September 1972: Cameroon: Yagoua: RMCA: 12 [12 - 12 - 12].
7 September 1972: Cameroon: Yagoua: RMCA: 3 [3 - 3 - 3].

Total Specimens for De Vree, Frits; Hulselmans, Jan; and Gevaerts: 50

De Vree, Frits; Verheyen, Walter, N. and Selens, M.

1 January 1970: Cameroon: Waza: RMCA: 1 [1 - 1 - 1].
 27 July 1970: Cameroon: Waza: RMCA: 1 [1 - 1 - 1].
 13 November 1970: Cameroon: Nkometou: RMCA: 2 [2 - 2 - 2].
 23 November 1970: Cameroon: Gueme: RMCA: 86 [86 - 86 - 86].
 27 November 1970: Cameroon: Gueme: RMCA: 49 [49 - 49 - 49].
 30 November 1970: Cameroon: Yagoua: RMCA: 1 [1 - 1 - 1].
 1 December 1970: Cameroon: Yagoua: RMCA: 2 [2 - 2 - 2].
 2 December 1970: Cameroon: Yagoua: RMCA: 1 [1 - 1 - 1].
 4 December 1970: Cameroon: Yagoua: RMCA: 2 [2 - 2 - 2].
 12 December 1970: Cameroon: Sir: RMCA: 1 [1 - 1 - 1].
 13 December 1970: Cameroon: Sir: RMCA: 7 [7 - 7 - 7].
 18 December 1970: Cameroon: Mokolo: RMCA: 1 [1 - 1 - 1].
 28 December 1970: Cameroon: Waza: RMCA: 1 [1 - 1 - 1].
 26 July 1971: Cameroon: Waza: RMCA: 1 [1 - 1 - 1].
 29 July 1971: Cameroon: Waza: RMCA: 2 [2 - 2 - 2].
 3 August 1971: Cameroon: Djohong: RMCA: 1 [1] - Yagoua: RMCA: 1 [1 - 2 - 2].
 6 August 1971: Cameroon: Yagoua: RMCA: 1 [1 - 1 - 1].
 19 August 1971: Cameroon: Galim: RMCA: 1 [1 - 1 - 1].

Total Specimens for De Vree, Frits; Verheyen, Walter, N. and Selens, M.: 162

de Walden, H. (Lord)

Collection Date Unknown: Congo (Democratic Republic of the): Ituri Forest: BMNH: 1 [1 - 1 - 1].
 24 April 1930: Congo (Democratic Republic of the): Ituri Forest: BMNH: 5 [5 - 5 - 5].

Total Specimens for de Walden, H. (Lord): 6

de Walden, H. (Lord) and Hayman, R.W.

19 February 1930: Uganda: Wasa river: BMNH: 1 [1 - 1 - 1].

Total Specimens for de Walden, H. (Lord) and Hayman, R.W.: 1

de Wilde, J.

Collection Date Unknown: Congo (Democratic Republic of the): Mwenda-Katuka piste: KBIN: 16 [16 - 16 - 16].
 11 April 1950: Congo (Democratic Republic of the): Mutsora Station: KBIN: 1 [1 - 1 - 1].

Total Specimens for de Wilde, J.: 17

de Witte, G.F. et al

Collection Date Unknown: Congo (Democratic Republic of the): Albert Park: RMCA: 1 [1] - Bitshumbi: RMCA: 3 [3] - Congo: RMCA: 1 [1] - Kadin: RMCA: 1 [1] - Mugunga, Lake: KBIN: 2, RMCA: 2 [4] - Mukwande river: RMCA: 1 [1] - Murambi: RMCA: 1 [1] - Nzulu: KBIN: 2, RMCA: 1 [3] - Rutshuru: KBIN: 1, RMCA: 1 [2] - Tshambi: RMCA: 1 [1] - Vitshumbi: KBIN: 1 [1 - 19 - 19].
 13 November 1930: Congo (Democratic Republic of the): Kakyelo: RMCA: 6 [6 - 6 - 6].
 20 December 1930: Congo (Democratic Republic of the): Lukafu: RMCA: 1 [1 - 1 - 1].
 16 February 1931: Congo (Democratic Republic of the): Lukonzolwa: RMCA: 1 [1 - 1 - 1].
 7 May 1931: Congo (Democratic Republic of the): Kiambi: RMCA: 1 [1 - 1 - 1].
 28 September 1933: Congo (Democratic Republic of the): Vitshumbi: KBIN: 1 [1 - 1 - 1].
 12 June 1947: Congo (Democratic Republic of the): Lusinga: KBIN: 1 [1 - 1 - 1].
 1 October 1947: Congo (Democratic Republic of the): Kaswabilenga: KBIN: 1 [1 - 1 - 1].
 8 October 1947: Congo (Democratic Republic of the): Kaswabilenga: KBIN: 1 [1 - 1 - 1].
 25 November 1947: Congo (Democratic Republic of the): Kateke: KBIN: 1 [1 - 1 - 1].
 26 November 1947: Congo (Democratic Republic of the): Kateke: KBIN: 4 [4 - 4 - 4].
 27 November 1947: Congo (Democratic Republic of the): Kateke: KBIN: 9 [9 - 9 - 9].
 1 December 1947: Congo (Democratic Republic of the): Kateke: KBIN: 8 [8 - 8 - 8].
 4 December 1947: Congo (Democratic Republic of the): Kateke: KBIN: 9 [9 - 9 - 9].
 12 January 1948: Congo (Democratic Republic of the): Lusinga: KBIN: 1 [1 - 1 - 1].
 7 May 1948: Congo (Democratic Republic of the): Kiamokoto: KBIN: 1 [1 - 1 - 1].
 2 June 1948: Congo (Democratic Republic of the): Munoi confluence: KBIN: 3 [3 - 3 - 3].
 7 July 1948: Congo (Democratic Republic of the): Kiamokoto: KBIN: 1 [1 - 1 - 1].
 11 February 1949: Congo (Democratic Republic of the): Mabwe river: KBIN: 2 [2 - 2 - 2].
 1 March 1949: Congo (Democratic Republic of the): Mabwe river: KBIN: 6 [6 - 6 - 6].
 10 August 1949: Congo (Democratic Republic of the): Mabwe river: KBIN: 6 [6 - 6 - 6].
 27 April 1952: Congo (Democratic Republic of the): Byangore river: KBIN: 1 [1 - 1 - 1].
 25 August 1952: Congo (Democratic Republic of the): Murambi: RMCA: 1 [1 - 1 - 1].
 11 December 1952: Congo (Democratic Republic of the): Mutsora Station: RMCA: 1 [1 - 1 - 1].
 15 December 1952: Congo (Democratic Republic of the): Mutsora Station: RMCA: 1 [1 - 1 - 1].
 11 May 1953: Congo (Democratic Republic of the): Rutshuru: RMCA: 1 [1 - 1 - 1].
 8 July 1953: Congo (Democratic Republic of the): Makisabo: RMCA: 1 [1 - 1 - 1].

- 27 August 1953: Congo (Democratic Republic of the): Murambi: RMCA: 6 [6 - 6 - 6].
 7 September 1953: Congo (Democratic Republic of the): Kanzarue river: RMCA: 1 [1 - 1 - 1].
 15 September 1953: Congo (Democratic Republic of the): Bunyenzi: RMCA: 2 [2 - 2 - 2].
 16 September 1953: Congo (Democratic Republic of the): Rutshuru: RMCA: 2 [2 - 2 - 2].
 17 September 1953: Congo (Democratic Republic of the): Bunyenzi: RMCA: 1 [1 - 1 - 1].
 18 September 1953: Congo (Democratic Republic of the): Kadehe river: RMCA: 3 [3] - Katundwe river: RMCA: 1 [1 - 4 - 4].
 21 September 1953: Congo (Democratic Republic of the): Murambi: RMCA: 1 [1 - 1 - 1].
 22 September 1953: Congo (Democratic Republic of the): Rusenyi river: RMCA: 2 [2 - 2 - 2].
 30 September 1953: Congo (Democratic Republic of the): Murambi: RMCA: 2 [2 - 2 - 2].
 28 October 1953: Congo (Democratic Republic of the): Rodahira river: RMCA: 1 [1 - 1 - 1].
 1 November 1953: Congo (Democratic Republic of the): Nyabikere: RMCA: 2 [2 - 2 - 2].
 23 November 1953: Congo (Democratic Republic of the): Kakungu: RMCA: 1 [1 - 1 - 1].
 3 December 1953: Congo (Democratic Republic of the): Bugara: RMCA: 9 [9 - 9 - 9].
 9 December 1953: Congo (Democratic Republic of the): Bunyangura: RMCA: 4 [4 - 4 - 4].
 20 January 1954: Congo (Democratic Republic of the): Rutshuru: RMCA: 5 [5 - 5 - 5].
 1 February 1954: Congo (Democratic Republic of the): Nyabikere: RMCA: 7 [7 - 7 - 7].
 3 February 1954: Congo (Democratic Republic of the): Bunyenzi: RMCA: 12 [12 - 12 - 12].
 9 February 1954: Congo (Democratic Republic of the): Rutshuru: RMCA: 6 [6 - 6 - 6].
 10 February 1954: Congo (Democratic Republic of the): Nyakariba river, affluent of Fuko river: RMCA: 2 [2 - 2 - 2].
 13 February 1954: Congo (Democratic Republic of the): Mutsora Station: RMCA: 1 [1 - 1 - 1].
 15 February 1954: Congo (Democratic Republic of the): Kasebeya river: RMCA: 1 [1 - 1 - 1].
 18 February 1954: Congo (Democratic Republic of the): Busholinka river: RMCA: 2 [2 - 2 - 2].
 10 March 1954: Congo (Democratic Republic of the): Rusenyi river: RMCA: 6 [6 - 6 - 6].
 15 March 1954: Congo (Democratic Republic of the): Kilinga: RMCA: 2 [2 - 2 - 2].
 19 March 1954: Congo (Democratic Republic of the): Katundwe river: RMCA: 7 [7 - 7 - 7].
 22 March 1954: Congo (Democratic Republic of the): Geramihasha river, affluent of Rodahira river: RMCA: 1 [1 - 1 - 1].
 30 March 1954: Congo (Democratic Republic of the): Katundwe river: RMCA: 3 [3 - 3 - 3].
 5 April 1954: Congo (Democratic Republic of the): May ya Moto: RMCA: 1 [1 - 1 - 1].
 7 April 1954: Congo (Democratic Republic of the): Fuko river: RMCA: 3 [3 - 3 - 3].
 22 April 1954: Congo (Democratic Republic of the): Rutshuru: RMCA: 4 [4 - 4 - 4].
 30 April 1954: Congo (Democratic Republic of the): Rumanura river: RMCA: 2 [2 - 2 - 2].
 10 June 1954: Congo (Democratic Republic of the): Katundwe river: RMCA: 5 [5 - 5 - 5].
 28 June 1954: Congo (Democratic Republic of the): Geramihasha river, affluent of Rodahira river: RMCA: 2 [2 - 2 - 2].
 5 July 1954: Congo (Democratic Republic of the): Katundwe river: RMCA: 7 [7 - 7 - 7].
 16 July 1954: Congo (Democratic Republic of the): Rodahira river: RMCA: 6 [6 - 6 - 6].
 4 August 1954: Congo (Democratic Republic of the): Mutsora Station: RMCA: 1 [1 - 1 - 1].
 18 August 1954: Congo (Democratic Republic of the): Nyabikere: RMCA: 10 [10 - 10 - 10].
 1 September 1954: Congo (Democratic Republic of the): Mutsora Station: RMCA: 1 [1 - 1 - 1].
 17 September 1954: Congo (Democratic Republic of the): Katundwe river: RMCA: 3 [3 - 3 - 3].
 3 November 1954: Congo (Democratic Republic of the): Katundwe river: RMCA: 2 [2 - 2 - 2].
 22 November 1954: Congo (Democratic Republic of the): Bunyangura: RMCA: 4 [4 - 4 - 4].
 23 November 1954: Congo (Democratic Republic of the): Loshu: RMCA: 1 [1 - 1 - 1].
 11 January 1955: Congo (Democratic Republic of the): Bunyangura: RMCA: 1 [1 - 1 - 1].
 7 February 1955: Congo (Democratic Republic of the): Nyabikere: RMCA: 1 [1 - 1 - 1].
 9 June 1955: Congo (Democratic Republic of the): Kahama: RMCA: 4 [4 - 4 - 4].
 5 August 1955: Congo (Democratic Republic of the): Rodahira river: RMCA: 1 [1 - 1 - 1].
 25 August 1955: Congo (Democratic Republic of the): Murambi: RMCA: 1 [1 - 1 - 1].
 30 August 1955: Congo (Democratic Republic of the): Nyakariba river, affluent of Fuko river: RMCA: 1 [1 - 1 - 1].
 19 September 1955: Congo (Democratic Republic of the): Rutshuru: RMCA: 1 [1 - 1 - 1].
 5 December 1955: Congo (Democratic Republic of the): Rutshuru: RMCA: 1 [1 - 1 - 1].
 17 May 1957: Congo (Democratic Republic of the): Katundwe river: RMCA: 1 [1 - 1 - 1].

Total Specimens for de Witte, G.F. et al: 246

Decher, J.

- 21 November 1999: Ghana: Agumatsa Wildlife Sanctuary, Agumatsa River, Wli Waterfall: SMF: 1 [1 - 1 - 1].
 11 August 2001: Ghana: Agumatsa Wildlife Sanctuary, Agumatsa River, Wli Waterfall: SMF: 1 [1 - 1 - 1].

Total Specimens for Decher, J.: 2

Decher, Jan

- 13 January 1992: Ghana: Shai Hills Resource Reserve: CM: 7 [7 - 7 - 7].
 18 January 1992: Ghana: Shai Hills Resource Reserve: CM: 2 [2 - 2 - 2].
 23 January 1992: Ghana: Shai Hills Resource Reserve: CM: 1 [1 - 1 - 1].

Total Specimens for Decher, Jan: 10

Degen, E.

- Collection Date Unknown: Uganda: Entebbe: BMNH: 1 [1 - 1 - 1].
 10 January 1902: Ethiopia: Harar: BMNH: 1 [1] - Harar [=Harar]: BMNH: 1 [1 - 2 - 2].
 16 June 1905: Uganda: Entebbe: BMNH: 2 [2 - 2 - 2].

Total Specimens for Degen, E.: 5

Degotte

8 November 1938: Congo (Democratic Republic of the): Pawa: RMCA: 3 [3 - 3 - 3].**Total Specimens for Degotte: 3**

Degrolle

Collection Date Unknown: South Africa: Caffraria: ZMB: 1 [1 - 1 - 1].**Total Specimens for Degrolle: 1**

Deheegher, Jan

Collection Date Unknown: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 6 [6 - 6 - 6].**1 January 1963:** Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 1 [1 - 1 - 1].**18 April 1963:** Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 1 [1 - 1 - 1].**Total Specimens for Deheegher, Jan: 8**

Deheyn, Jean Jacques

Collection Date Unknown: Congo (Democratic Republic of the): Kalima: RMCA: 1 [1 - 1 - 1].**2 May 1939:** Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 1 [1 - 1 - 1].**7 May 1939:** Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 1 [1 - 1 - 1].**Total Specimens for Deheyn, Jean Jacques: 3**

Dehning, C.

Collection Date Unknown: South Africa: Olifantsfontein, 42 Oribi Ave: TM: 1 [1 - 1 - 1].**Total Specimens for Dehning, C.: 1**

Dekeegher, J.

Collection Date Unknown: Congo (Democratic Republic of the): Luluabourg [=Kananga]: RMCA: 1 [1 - 1 - 1].**Total Specimens for Dekeegher, J.: 1**

Delacour, Jean Theodore

Collection Date Unknown: Madagascar: Andreaba: MNHN: 1 [1 - 1 - 1].**Total Specimens for Delacour, Jean Theodore: 1**

Delamere, Lord

Collection Date Unknown: Ethiopia: Dobleh: BMNH: 1 [1 - 1].Kenya: Gilgil river: BMNH: 1 [1 - 1].Nigeria: Oban: BMNH: 1 [1 - 1 - 3].**Total Specimens for Delamere, Lord: 3**

Demeter, Andras

9 September 1980: Ethiopia: Awash national park: HNHM: 1 [1 - 1 - 1].**Total Specimens for Demeter, Andras: 1**

Dent, R.E.

Collection Date Unknown: Botswana: Kuruman: BMNH: 1 [1 - 1].Congo (Democratic Republic of the): Ruwenzori SE: BMNH: 3 [3 - 3].Uganda: Entebbe, 60 mi [=90 km] W: BMNH: 1 [1 - 1 - 5].**24 January 1904:** South Africa: Kuruman: BMNH: 1 [1 - 1 - 1].**20 January 1906:** Kenya: Ruwenzori East: RMCA: 1 [1 - 1 - 1].**17 June 1906:** Congo (Democratic Republic of the): Ruwenzori SE: BMNH: 1 [1 - 1 - 1].**8 August 1906:** Congo (Democratic Republic of the): Beni: BMNH: 2 [2 - 2 - 2].**Total Specimens for Dent, R.E.: 10**

Dent, R.E. and Woosnam, R.B.

Collection Date Unknown: Congo (Democratic Republic of the): Ituri Forest: BMNH: 1 [1 - 1 - 1].
7 March 1904: Botswana: Kuruman: BMNH: 1 [1 - 1 - 1].

Total Specimens for Dent, R.E. and Woosnam, R.B.: 2

Descarpentier, A. and Villiers, A.

7 November 1963: Congo: Brazzaville: MNHN: 1 [1 - 1 - 1].
2 October 1967: Senegal: Linguere: MNHN: 1 [1 - 1 - 1].

Total Specimens for Descarpentier, A. and Villiers, A.: 2

Desfayes, M.

9 April 1971: Ethiopia: Belès: MHNG: 1 [1 - 1 - 1].

Total Specimens for Desfayes, M.: 1

DeVree, F. and Kock, D.

21 September 1975: Kenya: Ruaraka, Safari Park Hotel: SMF: 1 [1 - 1 - 1].

Total Specimens for DeVree, F. and Kock, D.: 1

DeWinton, W.E.

21 October 1991: Sudan: Khartoum: SMF: 1 [1 - 1 - 1].

Total Specimens for DeWinton, W.E.: 1

Dewulf, H.

Collection Date Unknown: Congo (Democratic Republic of the): Ambarau: RMCA: 1 [1 - 1 - 1].

Total Specimens for Dewulf, H.: 1

D'Haenens

4 January 1956: Congo (Democratic Republic of the): Mimbulu: RMCA: 1 [1 - 1 - 1].
5 January 1956: Congo (Democratic Republic of the): Kalulako: RMCA: 1 [1] - Kilobilobe: RMCA: 1 [1 - 2 - 2].
6 January 1956: Congo (Democratic Republic of the): Kilobilobe: RMCA: 1 [1 - 1 - 1].
4 November 1956: Congo (Democratic Republic of the): Kalulako: RMCA: 6 [6 - 6 - 6].

Total Specimens for D'Haenens: 10

Dick, J.

31 May 1972: Zimbabwe: Humane Ranch: ROM: 1 [1 - 1 - 1].
1 June 1972: Zimbabwe: Humane Ranch: ROM: 1 [1 - 1 - 1].

Total Specimens for Dick, J.: 2

Dickson, E.

Collection Date Unknown: South Africa: Kamberg Nature Reserve: TM: 1 [1 - 1 - 1].

Total Specimens for Dickson, E.: 1

Diehl, E. (Dr.)

Collection Date Unknown: Cameroon: Nsannakang [=Nsanakang]: ZMB: 4 [4 - 4 - 4].

Total Specimens for Diehl, E. (Dr.): 4

Dierckx, M.

Collection Date Unknown: Congo (Democratic Republic of the): Kabongo: RMCA: 2 [2 - 2 - 2].

Total Specimens for Dierckx, M.: 2

Diesener

Collection Date Unknown: Tanzania: Tabora: ZMB: 6 [6 - 6 - 6].

Total Specimens for Diesener: 6

Dieterlen, Frits

14 October 1963: Congo (Democratic Republic of the): Lwiro: SMNS: 1 [1 - 1 - 1].

28 November 1964: Congo (Democratic Republic of the): Lwiro: SMNS: 1 [1 - 1 - 1].

Total Specimens for Dieterlen, Frits: 2

Dillion, C.

Collection Date Unknown: South Africa: Westbrook, 81 Acacia: DNSM: 1 [1 - 1 - 1].

Total Specimens for Dillion, C.: 1

Dinkelacker

22 October 1935: Tanzania: Dar es Salaam: SMNS: 1 [1 - 1 - 1].

Total Specimens for Dinkelacker: 1

Dinter

Collection Date Unknown: Namibia: Okahandja: ZMB: 2 [2 - 2 - 2].

Total Specimens for Dinter: 2

Dippenaar, N.J. (dr.)

Collection Date Unknown: South Africa: Farm Leeuwspeer 647, on Pongola river: TM: 1 [1] - Farm Roodepoort 386: TM: 4 [4] - Uitkyk en Paranie Private Nature Reserve: TM: 1 [1 - 6 - 6].

30 March 1973: South Africa: New Agatha Forest Reserve: TM: 1 [1 - 1 - 1].

8 July 1973: South Africa: Uitkyk en Paranie Private Nature Reserve: TM: 6 [6 - 6 - 6].

18 November 1973: South Africa: Farm Welgedaan 292: TM: 1 [1 - 1 - 1].

2 March 1974: South Africa: New Agatha Forest Reserve: TM: 1 [1 - 1 - 1].

31 March 1974: South Africa: New Agatha Forest Reserve: TM: 2 [2 - 2 - 2].

2 April 1974: South Africa: Haenertsburg: TM: 1 [1] - New Agatha Forest Reserve: TM: 4 [4 - 5 - 5].

1 December 1974: South Africa: Farm Enkeldoornspoor 207: TM: 1 [1 - 1 - 1].

6 October 1977: South Africa: Farm Narap: TM: 2 [2] - Marop: TM: 1 [1 - 3 - 3].

10 October 1977: South Africa: Farm Kersbos: TM: 10 [10 - 10 - 10].

16 October 1977: South Africa: Farm Kersbos: TM: 1 [1 - 1 - 1].

Total Specimens for Dippenaar, N.J. (dr.): 37

Dippenaar, N.J. (dr.) and de Jager

Collection Date Unknown: South Africa: Farm Al-te-ver 103: TM: 3 [3 - 3 - 3].

Total Specimens for Dippenaar, N.J. (dr.) and de Jager: 3

Dippenaar, N.J. (dr.) and Rautenbach, Ignatius L. "Naas" (Dr.)

4 April 1973: South Africa: Loskopdam Nature Reserve: TM: 1 [1 - 1 - 1].

5 April 1973: South Africa: Loskopdam Nature Reserve: TM: 1 [1 - 1 - 1].

6 April 1973: South Africa: Loskopdam Nature Reserve: TM: 1 [1 - 1 - 1].

Total Specimens for Dippenaar, N.J. (dr.) and Rautenbach, Ignatius L. "Naas" (Dr.): 3

Dippenaar, N.J. (dr.) and Wolhuter, D.A.

28 April 1980: South Africa: Diepwalle State Forest: TM: 4 [4 - 4 - 4].

Total Specimens for Dippenaar, N.J. (dr.) and Wolhuter, D.A.: 4

Dippenaar, N.J. (dr.); Rautenbach, Ignatius L. "Naas" (Dr.); Wolhuter, D.R. and Wolhuter, P.J.

4 October 1981: Zimbabwe: Chirinda Forest: TM: 2 [2 - 2 - 2].

7 October 1981: Zimbabwe: Umtali mine adit [=Umtali Old mine]: TM: 12 [12 - 12 - 12].

11 October 1981: Zimbabwe: Rhodes Inyanga Nature Park: TM: 1 [1 - 1 - 1].

Total Specimens for Dippenaar, N.J. (dr.); Rautenbach, Ignatius L. "Naas" (Dr.); Wolhuter, D.R. and Wolhuter, P.J.: 15

Distant, W.L.

Collection Date Unknown: South Africa: Transvaal: BMNH: 1 [1 - 1 - 1].

Total Specimens for Distant, W.L.: 1

Dobson, Dr. A.F.

Collection Date Unknown: Sierra Leone: Sierra Leone: ZFMK: 1 [1 - 1 - 1].

Total Specimens for Dobson, Dr. A.F.: 1

Dobson, George Edward

Collection Date Unknown: Egypt: Egypt: BMNH: 1 [1 - 1].
Ghana: Gold Coast: USNM: 1 [1 - 1 - 2].

Total Specimens for Dobson, George Edward: 2

Dobson, George Edward (gift)

Collection Date Unknown: Nigeria: Lagos: BMNH: 1 [1 - 1 - 1].

Total Specimens for Dobson, George Edward (gift): 1

Dodson, W.

Collection Date Unknown: Egypt: Gizeh: BMNH: 3 [3 - 3 - 3].

Total Specimens for Dodson, W.: 3

Dohrn

Collection Date Unknown: São Tomé and Príncipe: Príncipe island: ZMB: 1 [1 - 1].
Unknown country: Kha Principe: ZMB: 1 [1 - 1 - 2].

Total Specimens for Dohrn: 2

Domion

6 December 1943: South Africa: King Williamstown: KM: 1 [1 - 1 - 1].

Total Specimens for Domion: 1

Doria, Giacomo (Marchese)

Collection Date Unknown: Algeria: no specific locality: ZMB: 4 [4 - 4].
Egypt: no specific locality: ZMB: 6 [6 - 6].
Ethiopia: Abyssinia: ZMB: 1 [1 - 1].
Senegal: No specific locality: ZMB: 1 [1 - 1].
Sudan: Nubia: ZMB: 1 [1 - 1].
Tunisia: Tunis: ZMB: 1 [1 - 1 - 14].

Total Specimens for Doria, Giacomo (Marchese): 14

Dorst, Jean

25 April 1954: Morocco: Tata: MNHN: 8 [8 - 8 - 8].
17 January 1971: Ethiopia: Ghinir, 7 km from: MNHN: 1 [1 - 1 - 1].

Total Specimens for Dorst, Jean: 9

Dorst, Jean et al.

Collection Date Unknown: Ethiopia: road to Jimma: MNHN: 1 [1 - 1 - 1].

Total Specimens for Dorst, Jean et al.: 1

Doucet, J. (dr.)

Collection Date Unknown: Côte d'Ivoire: Adiopodoumé: MHNG: 1 [1 - 1 - 1].

Total Specimens for Doucet, J. (dr.): 1

Douglas, R.

Collection Date Unknown: South Africa: Nelspruit, near: TM: 1 [1 - 1 - 1].

Total Specimens for Douglas, R.: 1

Doulist, M.

15 June 1891: Madagascar: Morondava: MNHN: 1 [1 - 1 - 1].

Total Specimens for Doulist, M.: 1

Dowsett, R.J.

Collection Date Unknown: Zambia: Jumbe: NHMZ: 5 [5] - Lochinvar ranch: NHMZ: 2 [2 - 7 - 7].

11 April 1967: Zambia: Chisenga: BMNH: 1 [1 - 1 - 1].

21 June 1967: Zambia: Mfuwe: BMNH: 1 [1 - 1 - 1].

Total Specimens for Dowsett, R.J.: 9

Drake-Brockman, R.E. (dr.)

Collection Date Unknown: Somalia: Upper Sheikh: BMNH: 1 [1 - 1 - 1].

24 August 1907: Somalia: Upper Sheikh: BMNH: 1 [1 - 1 - 1].

10 October 1909: Somalia: Upper Sheikh: BMNH: 1 [1 - 1 - 1].

19 November 1909: Somalia: Upper Sheikh: BMNH: 1 [1 - 1 - 1].

5 December 1909: Somalia: Upper Sheikh: BMNH: 1 [1 - 1 - 1].

18 December 1909: Somalia: Upper Sheikh: BMNH: 1 [1 - 1 - 1].

11 January 1910: Somalia: Upper Sheikh: BMNH: 1 [1 - 1 - 1].

17 February 1910: Somalia: Upper Sheikh: BMNH: 1 [1 - 1 - 1].

29 October 1910: Somalia: Zeyla: BMNH: 1 [1 - 1 - 1].

Total Specimens for Drake-Brockman, R.E. (dr.): 9

Dt. Theater Berlin

Collection Date Unknown: Tanzania: Pemba island: ZMB: 1 [1] - Tumbatu Island: ZMB: 1 [1 - 2 - 2].

Total Specimens for Dt. Theater Berlin: 2

du Preez, J.

Collection Date Unknown: South Africa: Derdepoort: TM: 2 [2 - 2 - 2].

9 March 1961: South Africa: Derdepoort: TM: 1 [1 - 1 - 1].

9 April 1962: South Africa: Nelspruit: TM: 1 [1 - 1 - 1].

Total Specimens for du Preez, J.: 4

Dubowsky, J.

1 December 1991: Central African Republic: Yabanda-Mpoko: MNHN: 1 [1 - 1 - 1].

Total Specimens for Dubowsky, J.: 1

DuCane Godman, F., Esq.

Collection Date Unknown: Azores [Portugal]: St Michael: BMNH: 1 [1 - 1 - 1].

Total Specimens for DuCane Godman, F., Esq.: 1

Ducrot, M.

Collection Date Unknown: Algeria: Heljani: MNHN: 2 [2 - 2 - 2].

Total Specimens for Ducrot, M.: 2

Dundo Museum, the

Collection Date Unknown: Angola: Dundo Lundo: BMNH: 4 [4 - 4 - 4].

Total Specimens for Dundo Museum, the: 4

Dunger, G.T.

Collection Date Unknown: Nigeria: Wase Rock: BMNH: 1 [1 - 1 - 1].

Total Specimens for Dunger, G.T.: 1

Dupuis, L.

17 August 1953: Congo (Democratic Republic of the): Biyonga: RMCA: 1 [1 - 1 - 1].

Total Specimens for Dupuis, L.: 1

Durant

17 October 1924: Zimbabwe: Bulawayo: HZM: 1 [1 - 1 - 1].

Total Specimens for Durant: 1

Duthie, Andrew

Collection Date Unknown: South Africa: Farm Greefswald 37 [=Mapungubwe], Shashi-Limpopo confluence: TM: 6 [6] - Gravelotte mines: TM: 1 [1 - 7 - 7].

Total Specimens for Duthie, Andrew: 7

Dyer, M.E.

6 March 1976: Nigeria: Zaria: ROM: 1 [1 - 1 - 1].

4 April 1981: Nigeria: S Birnin Gwari: ROM: 1 [1 - 1 - 1].

28 November 1981: Nigeria: Nigeria: HZM: 1 [1 - 1 - 1].

Total Specimens for Dyer, M.E.: 3

Dyleff, P.

Collection Date Unknown: Congo (Democratic Republic of the): Butembo: RMCA: 10 [10 - 10 - 10].

28 April 1958: Congo (Democratic Republic of the): Butembo: RMCA: 2 [2 - 2 - 2].

7 June 1958: Congo (Democratic Republic of the): Butembo: RMCA: 1 [1 - 1 - 1].

15 February 1959: Congo (Democratic Republic of the): Alima: RMCA: 2 [2 - 2 - 2].

16 March 1959: Congo (Democratic Republic of the): Butembo: RMCA: 6 [6 - 6 - 6].

12 February 1960: Congo (Democratic Republic of the): Alima: RMCA: 1 [1 - 1 - 1].

Total Specimens for Dyleff, P.: 22

Earl, P.

Collection Date Unknown: "Africa": Unknown locality: KBIN: 1 [1 - 1 - 1].

Total Specimens for Earl, P.: 1

Easton, E.R.

4 December 1975: Tanzania: Kigoma: BMNH: 1 [1 - 1 - 1].

Total Specimens for Easton, E.R.: 1

Ebeling

20 March 1964: Tanzania: Uto farm: ZMZ: 1 [1 - 1 - 1].

2 April 1964: Tanzania: Uto farm: ZMZ: 1 [1 - 1 - 1].

31 May 1964: Tanzania: Uto farm: ZMZ: 1 [1 - 1 - 1].

Total Specimens for Ebeling: 3

Ebigbo, N.

Collection Date Unknown: Nigeria: Independence Layout: SMF: 1 [1 - 1 - 1].

Total Specimens for Ebigbo, N.: 1

Ebungbola, L.D.

Collection Date Unknown: Nigeria: Alabe: BMNH: 1 [1 - 1 - 1].

Total Specimens for Ebungbola, L.D.: 1

Ecklon

Collection Date Unknown: South Africa: Cape of Good Hope: ZMB: 1 [1] - Kaap provincie [=Cape province]: NMW: 1 [1 - 2 - 2].

Total Specimens for Ecklon: 2

Edwards, et al.

Collection Date Unknown: Egypt: Suez area: MNHN: 1 [1 - 1 - 1].

Total Specimens for Edwards, et al.: 1

Edwards, P.W.

Collection Date Unknown: Zambia: Kalichero: NHMZ: 2 [2 - 2 - 2].

Total Specimens for Edwards, P.W.: 2

Effeldt

Collection Date Unknown: Egypt: no specific locality: ZMB: 5 [5 - 5 - 5].

Total Specimens for Effeldt: 5

Eger, Judith L.

Collection Date Unknown: Kenya: Endoposei river: ROM: 2 [2 - 2 - 2].

Total Specimens for Eger, Judith L.: 2

Eger, Judith L. and Glen, R.

27 December 1973: Kenya: Shell BM Camp: ROM: 1 [1 - 1 - 1].

31 December 1973: Kenya: Garsen, near: ROM: 1 [1 - 1 - 1].

16 January 1974: Kenya: Endoposei river: ROM: 8 [8 - 8 - 8].

Total Specimens for Eger, Judith L. and Glen, R.: 10

Eggert

Collection Date Unknown: Tanzania: Bukoba: ZMB: 1 [1 - 1 - 1].

Total Specimens for Eggert: 1

Egwali, E.

19 January 1982: Nigeria: Zaria: HZM: 1 [1 - 1 - 1].

21 February 1982: Nigeria: Zaria: HZM: 1 [1 - 1 - 1].

14 March 1982: Nigeria: Samaru stream: HZM: 1 [1 - 1 - 1].

Total Specimens for Egwali, E.: 3

Ehrenberg

Collection Date Unknown: "Africa": Northeastern Africa: ZMB: 1 [1 - 1].

Egypt: no specific locality: ZMB: 1 [1 - 1 - 2].

Total Specimens for Ehrenberg: 2

Eidmann

Collection Date Unknown: Equatorial Guinea: Fernando Po [=Bioko island]: ZMB: 1 [1 - 1 - 1].

Total Specimens for Eidmann: 1

Eisentraut, Martin

Collection Date Unknown: Cameroon: Bimbia [near Victoria]: ZMB: 23 [23] - Buea: ZMB: 5 [5] - Isongo [=Izongo]: ZMB: 19 [19] - Mubange [=Mobange-Isongo]: ZMB: 2 [2] - Mukonje: ZMB: 13 [13] - Tombel: ZMB: 1 [1 - 63].

Equatorial Guinea: San Carlos: ZFMK: 1 [1 - 1 - 64].

3 March 1938: Cameroon: Mobange-Isongo: SMNS: 2 [2 - 2 - 2].

9 March 1938: Cameroon: Mobange-Isongo: SMNS: 3 [3 - 3 - 3].

8 December 1957: Cameroon: Malende Swamp area: SMNS: 1, ZFMK: 2 [3 - 3 - 3].

10 December 1957: Cameroon: Malende Swamp area: ZFMK: 1 [1 - 1 - 1].
5 January 1958: Cameroon: Camp III: ZFMK: 1 [1 - 1 - 1].
6 January 1958: Cameroon: Buea: ZFMK: 1 [1 - 1 - 1].
7 January 1958: Cameroon: Camp III: ZFMK: 1 [1 - 1 - 1].
10 February 1958: Cameroon: Camp V, Mueli: ZFMK: 1 [1 - 1 - 1].
14 February 1960: Cameroon: Nyasoso: ZFMK: 1 [1 - 1 - 1].
30 January 1967: Cameroon: Camp IV: ZFMK: 1 [1 - 1 - 1].
31 January 1967: Cameroon: Camp IV: ZFMK: 1 [1 - 1 - 1].
18 February 1967: Cameroon: Camp V: ZFMK: 1 [1 - 1 - 1].
23 February 1967: Cameroon: Camp V: ZFMK: 1 [1 - 1 - 1].

Total Specimens for Eisentraut, Martin: 82

El Rayah, M.

20 December 1971: Sudan: Nuba mountains: ROM: 13 [13 - 13 - 13].

Total Specimens for El Rayah, M.: 13

El Sayed

14 April 1964: Sudan: Zalingei: ROM: 1 [1 - 1 - 1].

Total Specimens for El Sayed: 1

Ellenberger, B.

Collection Date Unknown: Zimbabwe: Selukwe: MNHN: 1 [1 - 1 - 1].

Total Specimens for Ellenberger, B.: 1

Ellis, Rev. W.

3 January 1960: Kenya: Songhor: HZM: 1 [1 - 1 - 1].

Total Specimens for Ellis, Rev. W.: 1

Ellis, S.

Collection Date Unknown: South Africa: Madimbo Military area: TM: 9 [9 - 9 - 9].

9 February 1978: South Africa: Madimbo Military area: TM: 1 [1 - 1 - 1].

Total Specimens for Ellis, S.: 10

Emir Pascha

Collection Date Unknown: Tanzania: Bukoba: ZMB: 4 [4 - 4].

Unknown country: Engeremgere: ZMB: 2 [2] - Ukondjo: ZMB: 1 [1 - 3 - 7].

Total Specimens for Emir Pascha: 7

Emir Pascha or Büttner

Collection Date Unknown: Unknown country: Ukondjo: ZMB: 1 [1 - 1 - 1].

Total Specimens for Emir Pascha or Büttner: 1

Erasmus, B.H.

8 February 1983: South Africa: Dankbaar: MMK: 1 [1 - 1 - 1].

25 November 1983: South Africa: Farm Leelykstraat 320: MMK: 3 [3 - 3 - 3].

15 February 1984: South Africa: Farm Mimosa 454: MMK: 1 [1 - 1 - 1].

8 December 1987: South Africa: Riemvasmaak: MMK: 2 [2 - 2 - 2].

9 December 1987: South Africa: Riemvasmaak: MMK: 7 [7 - 7 - 7].

14 December 1987: South Africa: Xhubuxnap: MMK: 4 [4 - 4 - 4].

25 November 1988: South Africa: De Hoop Nature Reserve, De Hoop Guano Cave: TM: 10 [10 - 10 - 10].

Total Specimens for Erasmus, B.H.: 28

Erasmus, E.

Collection Date Unknown: South Africa: Nongoma: TM: 2 [2 - 2 - 2].

Total Specimens for Erasmus, E.: 2

Erasmus, G.

21 January 1988: South Africa: Kranskloof Nature Reserve: TM: 1 [1 - 1 - 1].

27 January 1988: South Africa: Kranskloof Nature Reserve: TM: 1 [1 - 1 - 1].

Total Specimens for Erasmus, G.: 2

Erasmus, R.

13 March 1989: South Africa: Gamkapoort Nature Reserve: SAMC: 1 [1 - 1 - 1].

Total Specimens for Erasmus, R.: 1

Ermert, A.

Collection Date Unknown: Burkina Faso: Nouna: SMF: 1 [1 - 1 - 1].

Total Specimens for Ermert, A.: 1

Ernest, A.

Collection Date Unknown: Burkina Faso: Nouna: SMF: 1 [1 - 1 - 1].

Total Specimens for Ernest, A.: 1

Ernst, D.

3 April 1976: Algeria: Tit: SMF: 1 [1 - 1 - 1].

Total Specimens for Ernst, D.: 1

Escherich

Collection Date Unknown: Equatorial Guinea: Attogondama: ZMB: 4 [4] - Beoken Noja [?=Noya river]: ZMB: 1 [1] - Ekododo: ZMB: 2 [2] - no specific locality: ZMB: 1 [1 - **8** - **8**].

Total Specimens for Escherich: 8

Espie, I.W.

Collection Date Unknown: South Africa: Farm Doornhoek: SMF: 2 [2 - 2 - 2].

Total Specimens for Espie, I.W.: 2

Estebeth, M.

Collection Date Unknown: South Africa: Sudwala Cave: TM: 2 [2 - 2 - 2].

Total Specimens for Estebeth, M.: 2

Eton East African Research Committee, the and S.A._Neave

9 February 1912: Malawi: Mlanje: BMNH: 1 [1 - 1 - 1].

Total Specimens for Eton East African Research Committee, the and S.A._Neave: 1

ex Lisbon Museum

Collection Date Unknown: Angola: Namibe [=syn Mossamedes, Mocamedes]: BMNH: 1 [1 - 1 - 1].

Total Specimens for ex Lisbon Museum: 1

ex Museum Alexander Koenig

Collection Date Unknown: Sudan: Bahr el Jebel: ZMB: 1 [1] - Zeraf, Jebel [=mountain]: ZMB: 1 [1 - 2 - 2].

Total Specimens for ex Museum Alexander Koenig: 2

ex Museum Basel

Collection Date Unknown: Congo (Democratic Republic of the): Luluaburg [=Kananga]: ZMB: 2 [2 - 2 - 2].

Total Specimens for ex Museum Basel: 2

ex Museum Hamburg

Collection Date Unknown: Tanzania: Zanzibar: ZMB: 1 [1 - 1 - 1].

Total Specimens for ex Museum Hamburg: 1

ex Museum Leiden

Collection Date Unknown: Ghana: Elmina: ZMB: 1 [1] - Goldküste [=Goldcoast]: ZMB: 2 [2 - 3].

Madagascar: no specific locality: ZMB: 1 [1 - 1].

South Africa: Cape of Good Hope: ZMB: 1 [1 - 1 - 5].

Total Specimens for ex Museum Leiden: 5

ex Museum Lissabon

Collection Date Unknown: Angola: Caconda [= Cuango]: ZMB: 1 [1] - Catumbella: ZMB: 1 [1] - Duque de Bragança
[=Calandula]: ZMB: 1 [1] - no specific locality: ZMB: 1 [1 - 4 - 4].

Total Specimens for ex Museum Lissabon: 4

ex Museum London

Collection Date Unknown: Cameroon: Lulu: ZMB: 1 [1 - 1 - 1].

Total Specimens for ex Museum London: 1

ex Museum London, durch Rosenberg

Collection Date Unknown: Cameroon: Bitey: ZMB: 1 [1 - 1 - 1].

Total Specimens for ex Museum London, durch Rosenberg: 1

ex Museum München

Collection Date Unknown: Somalia: no specific locality: ZMB: 1 [1 - 1 - 1].

Total Specimens for ex Museum München: 1

ex Museum Paris

Collection Date Unknown: Ethiopia: Abyssinia: ZMB: 1 [1 - 1].

Mauritius: Mauritius: ZMB: 4 [4 - 4].

Réunion: Bourbon [=Réunion]: ZMB: 1 [1 - 1 - 6].

Total Specimens for ex Museum Paris: 6

ex Museum Wien

Collection Date Unknown: Egypt: no specific locality: ZMB: 1 [1 - 1 - 1].

Total Specimens for ex Museum Wien: 1

F. Newton/Pires

Collection Date Unknown: São Tomé and Príncipe: São Tomé Island: MLZA: 1 [1 - 1 - 1].

Total Specimens for F. Newton/Pires: 1

Fachlehrer, A. Horn

Collection Date Unknown: Tanzania: Kilossa, weitere Umgebuhg [=near Kilosa]: NMW: 1 [1 - 1 - 1].

Total Specimens for Fachlehrer, A. Horn: 1

Fahr, Jakob

Collection Date Unknown: Cote D'Ivoire: IET-Station: SMF: 1 [1] - Iringou gallery forest, transect 3: SMF: 1 [1] - island forest
35, transect 1: SMF: 1 [1] - Kongo-Savanna, transect 5: SMF: 2 [2 - 5 - 5].

Total Specimens for Fahr, Jakob: 5

Fain, Alexandre (Dr.)

Collection Date Unknown: "Africa": Unknown locality: RMCA: 5 [5 - 5].

Congo (Democratic Republic of the): Wago, mount: RMCA: 14 [14] - Wasa Wago, mount: RMCA: 1 [1 - 15].

Rwanda: Butare: RMCA: 1 [1] - Nyakibanda: RMCA: 2 [2] - Nyumba cave: BMNH: 6, MHNG: 1 [7 - 10 - 30].

1 January 1951: Congo (Democratic Republic of the): Wago, mount: RMCA: 2 [2 - 2 - 2].

25 October 1951: Congo (Democratic Republic of the): Korovi, mount: RMCA: 1 [1 - 1 - 1].

16 July 1952: Congo (Democratic Republic of the): Kawa: BMNH: 1, RMCA: 1 [2 - 2 - 2].

17 July 1952: Congo (Democratic Republic of the): Kawa: BMNH: 1 [1 - 1 - 1].

24 July 1952: Congo (Democratic Republic of the): Kawa: RMCA: 2 [2 - 2 - 2].

1 August 1952: Congo (Democratic Republic of the): Wasa Wago, mount: BMNH: 1 [1 - 1 - 1].

5 August 1952: Congo (Democratic Republic of the): Kawa: BMNH: 1 [1 - 1 - 1].

7 August 1952: Congo (Democratic Republic of the): Kawa: BMNH: 1 [1 - 1 - 1].

21 September 1952: Congo (Democratic Republic of the): Wasa Wago, mount: RMCA: 1 [1 - 1 - 1].

25 September 1952: Congo (Democratic Republic of the): Ne, Mount: BMNH: 1, MHNG: 1 [2] - Wasa Wago, mount: RMCA: 1 [1 - 3 - 3].

2 January 1955: Rwanda: Rumonge: RMCA: 1 [1 - 1 - 1].

18 May 1955: Rwanda: Nyarutaru: RMCA: 1 [1 - 1 - 1].

11 October 1955: Rwanda: Rukira [=Rukara]: RMCA: 3 [3 - 3 - 3].

14 October 1955: Rwanda: Nyakibanda: RMCA: 7 [7 - 7 - 7].

15 October 1955: Rwanda: Nyakibanda: RMCA: 1 [1 - 1 - 1].

19 November 1955: Unknown Country: Bufundi: RMCA: 3 [3 - 3 - 3].

9 October 1956: Rwanda: Rukira [=Rukara]: RMCA: 1 [1 - 1 - 1].

25 March 1964: Congo (Democratic Republic of the): Ganda Sundi: RMCA: 1 [1 - 1 - 1].

31 March 1964: Congo (Democratic Republic of the): Ganda Sundi: RMCA: 1 [1 - 1 - 1].

Total Specimens for Fain, Alexandre (Dr.): 64

Fain, Alexandre (Dr.) and Lootens, E.P.P.

Collection Date Unknown: Congo (Democratic Republic of the): Boende: RMCA: 1 [1 - 1 - 1].

Total Specimens for Fain, Alexandre (Dr.) and Lootens, E.P.P.: 1

Falkenstein

Collection Date Unknown: Angola: Chinchoxo: ZMB: 10 [10] - Pungo Andongo [Quibula, Cahata]: ZMB: 1 [1 - 11 - 11].

Total Specimens for Falkenstein: 11

Farrell, T.

19 December 1965: South Africa: Walmer: HZM: 1 [1 - 1 - 1].

Total Specimens for Farrell, T.: 1

Fatio, V.

Collection Date Unknown: Algeria: Ouargla: MHNG: 1 [1 - 1 - 1].

Total Specimens for Fatio, V.: 1

Feely, J.M.

28 May 1963: Zambia: Nsefu Game Camp: NHMZ: 2 [2 - 2 - 2].

Total Specimens for Feely, J.M.: 2

Feiler & Günther

Collection Date Unknown: São Tomé and Príncipe: Praia das Conchas: ZMB: 1 [1 - 1 - 1].

Total Specimens for Feiler & Günther: 1

Feiler and Günther

Collection Date Unknown: São Tomé and Príncipe: Praia das Conchas: ZMB: 5 [5 - 5 - 5].

Total Specimens for Feiler and Günther: 5

Felter, P.

1 August 1906: Eritrea: Assab: HNHM: 1 [1 - 1 - 1].

Total Specimens for Felter, P.: 1

Fenton, M. Brock

1 July 1978: Cote D'Ivoire: Lamto Ecology Station: ROM: 1 [1 - 1 - 1].

Total Specimens for Fenton, M. Brock: 1

Fernsby, Nigel

Collection Date Unknown: South Africa: Hennops River: TM: 2 [2] - Makatini Research Village Pongola River: DNSM: 1 [1] - Pretoria Zoological Gardens, near: TM: 2 [2] - Remnant of portion of 34, portion of 25 Hartebeesfontein 473 JQ [=Fourwinds farm]: TM: 1 [1 - 6 - 6].

12 March 2001: South Africa: Mooketsi: TM: 2 [2 - 2 - 2].

16 August 2001: South Africa: Balule Private Nature Reserve, Oliphants River: TM: 1 [1 - 1 - 1].

11 April 2002: South Africa: Levuvhu: TM: 1 [1 - 1 - 1].

22 April 2004: South Africa: Farm Kunkuru: TM: 1 [1 - 1 - 1].

Total Specimens for Fernsby, Nigel: 11

Fernsby, Nigel; Cohen, Lientjie; de Wet, Koos and Peinke, Dean

Collection Date Unknown: South Africa: Farm Waterval: TM: 4 [4 - 4 - 4].

17 April 2004: South Africa: Farm Victoriaspoort 18IT, Kalkoenkrans Cave: TM: 1 [1] - Farm Waterval, Third Mine Tunnel: TM: 1 [1 - 2 - 2].

Total Specimens for Fernsby, Nigel; Cohen, Lientjie; de Wet, Koos and Peinke, Dean: 6

Fernsby, Nigel; Peinke, Dean and Peinke, Sacha

Collection Date Unknown: South Africa: Feather River: TM: 1 [1 - 1 - 1].

Total Specimens for Fernsby, Nigel; Peinke, Dean and Peinke, Sacha: 1

Fiasse, R.

Collection Date Unknown: Congo (Democratic Republic of the): Leopoldville [=Kinshasa]: RMCA: 1 [1 - 1 - 1].

Total Specimens for Fiasse, R.: 1

Finsch

Collection Date Unknown: Ghana: Goldküste [=Goldcoast]: ZMB: 1 [1 - 1].

Guinea: no specific locality: ZMB: 1 [1 - 1 - 2].

Total Specimens for Finsch: 2

Fischer

Collection Date Unknown: Kenya: Kau [Osi river]: ZMB: 1 [1 - 1].

Tanzania: Bagamoyo: ZMB: 12 [12] - Malindi: ZMB: 4 [4] - Zanzibar: ZMB: 1 [1 - 17].

Unknown country: Maldachi: ZMB: 1 [1] - Tschaka: ZMB: 1 [1 - 2 - 20].

1 January 1889: Kenya: Masailand: RMNH: 1 [1 - 1 - 1].

Total Specimens for Fischer: 21

Fisher, Rév.

13 March 1953: Congo (Democratic Republic of the): Kasaji: RMCA: 2 [2 - 2 - 2].

Total Specimens for Fisher, Rév.: 2

Fitzsimons, V.

7 November 1940: South Africa: Mitchells Pass: TM: 1 [1 - 1 - 1].

Total Specimens for Fitzsimons, V.: 1

Fliegner

Collection Date Unknown: Tanzania: Singida: ZMB: 2 [2 - 2 - 2].

Total Specimens for Fliegner: 2

Floericke

Collection Date Unknown: Morocco: Tanger: ZMB: 1 [1 - 1 - 1].

Total Specimens for Floericke: 1

Flower, S.S. (Maj.)

29 August 1910: Egypt: Gizeh: BMNH: 1 [1 - 1 - 1].

Total Specimens for Flower, S.S. (Maj.): 1

Flower, S.S. (Maj.) - [the Giza Zoological Museum]

2 October 1923: Egypt: Seila: BMNH: 8 [8 - 8 - 8].

Total Specimens for Flower, S.S. (Maj.) - [the Giza Zoological Museum]: 8

Fly, R.

Collection Date Unknown: South Africa: Nottingham Road: DNSM: 1 [1 - 1 - 1].

Total Specimens for Fly, R.: 1

Foa, L.

Collection Date Unknown: Cape Verde: Fogo isalnd: USNM: 1 [1 - 1 - 1].

Total Specimens for Foa, L.: 1

Fock

Collection Date Unknown: Namibia: Nuitsas Farm: ZMH: 1 [1] - Okahandja: ZMH: 1 [1 - 2 - 2].

Total Specimens for Fock: 2

For, M.

Collection Date Unknown: "Africa": Great lakes area, East Africa: MNHN: 1 [1 - 1 - 1].

Total Specimens for For, M.: 1

Forbes, D.

Collection Date Unknown: South Africa: Hlabeni Forest: DNSM: 1 [1 - 1 - 1].

Total Specimens for Forbes, D.: 1

Forbes-Watson, A.D.

18 July 1965: Kenya: Sokoke forest: USNM: 1 [1 - 1 - 1].

20 September 1965: Kenya: Njerowa Gorge: USNM: 1 [1 - 1 - 1].

Total Specimens for Forbes-Watson, A.D.: 2

Ford

28 August 1978: Nigeria: Maiduguri: HZM: 1 [1 - 1 - 1].

Total Specimens for Ford: 1

Ford, A.

Collection Date Unknown: Nigeria: Kilboa, 20 mi W: HZM: 2 [2 - 2 - 2].

Total Specimens for Ford, A.: 2

Ford, Rev. E.A.

Collection Date Unknown: Gabon: Ogowe: AMNH: 1 [1 - 1 - 1].

Total Specimens for Ford, Rev. E.A.: 1

Forster

Collection Date Unknown: Unknown country: Ternata: ZMB: 1 [1 - 1 - 1].

Total Specimens for Forster: 1

Forsyth Major, Charles Immanuel (dr.)

Collection Date Unknown: Madagascar: Ampitambé: BMNH: 1 [1] - Ivokimanitra: BMNH: 1 [1] - Madagascar: BMNH: 1 [1 - 3 - 3].**2 February 1895:** Madagascar: Ambositra: BMNH: 1 [1 - 1 - 1].**3 July 1895:** Madagascar: Fandriana region: BMNH: 1 [1] - Imasindry [=Sahamanina]: BMNH: 1 [1 - 2 - 2].**8 April 1896:** Madagascar: Ambositra: BMNH: 1 [1 - 1 - 1].**Total Specimens for Forsyth Major, Charles Immanuel (dr.): 7**

Foster, J.B.

Collection Date Unknown: Kenya: Central island: ROM: 15 [15 - 15 - 15].**7 September 1966:** Kenya: Voi: ROM: 1 [1 - 1 - 1].**Total Specimens for Foster, J.B.: 16**

Fourche, Dr.

Collection Date Unknown: Congo (Democratic Republic of the): Kataye Sukunga: RMCA: 1 [1 - 1 - 1].**Total Specimens for Fourche, Dr.: 1**

Fowler, J.P.

Collection Date Unknown: Kenya: Rongai: HZM: 1 [1 - 1 - 1].**6 July 1955:** Kenya: Kitale: HZM: 1 [1 - 1 - 1].**Total Specimens for Fowler, J.P.: 2**

Fowlet

1 December 1954: Kenya: Vasco de Gama Point: HZM: 1 [1 - 1 - 1].**3 September 1957:** Kenya: Nyeri: HZM: 1 [1 - 1 - 1].**Total Specimens for Fowlet: 2**

Fox, J.C. (Mr.)

14 November 1912: Nigeria: Kabwir: BMNH: 1 [1 - 1 - 1].**Total Specimens for Fox, J.C. (Mr.): 1**

Fox, Rév. G.J.

Collection Date Unknown: Nigeria: Kabwir: BMNH: 1 [1] - Panyam [Fish Farm]: BMNH: 1 [1 - 2 - 2].**15 May 1910:** Nigeria: Kabir: BMNH: 1 [1 - 1 - 1].**Total Specimens for Fox, Rév. G.J.: 3**

Fraas and Mangold

Collection Date Unknown: Egypt: Dandarah: SMNS: 3 [3 - 3 - 3].**Total Specimens for Fraas and Mangold: 3**

Frade, F.

3 January 1945: Guinea-Bissau: Ponta de Marques Mano: CZL: 1 [1 - 1 - 1].**27 December 1945:** Guinea-Bissau: Mansoa: CZL: 1 [1 - 1 - 1].**Total Specimens for Frade, F.: 2**

Francis

16 June 1974: Zambia: Lusaka: HZM: 1 [1 - 1 - 1].**Total Specimens for Francis: 1**

Francis, A.C., Esq.

Collection Date Unknown: Nigeria: : BMNH: 1 [1 - 1 - 1].

Total Specimens for Francis, A.C., Esq.: 1

Frank

Collection Date Unknown: Comoro Islands: Anjouan island: ZMB: 1 [1] - Johanna Island [=Anjouan Island]: ZMB: 1 [1 - 2].
Libya: Tripoli: KBIN: 1 [1 - 1 - 3].

Total Specimens for Frank: 3

Frannin, G.G.

Collection Date Unknown: South Africa: Hilgobbin Dargler: TM: 1 [1 - 1 - 1].

Total Specimens for Frannin, G.G.: 1

Fraser, D. (Capt.)

26 August 1926: Congo (Democratic Republic of the): Keri river: BMNH: 1 [1 - 1 - 1].

Total Specimens for Fraser, D. (Capt.): 1

Frechkop, Serge

31 March 1938: Congo (Democratic Republic of the): Rutshuru: RMCA: 1 [1 - 1 - 1].

30 April 1938: Congo (Democratic Republic of the): Rutshuru: KBIN: 1 [1 - 1 - 1].

29 May 1938: Congo (Democratic Republic of the): Rutshuru: RMCA: 1 [1 - 1 - 1].

Total Specimens for Frechkop, Serge: 3

Freeman, R.A.

Collection Date Unknown: Ghana: Gold Coast: BMNH: 3 [3 - 3 - 3].

Total Specimens for Freeman, R.A.: 3

Frere, Bartle (Sir)

Collection Date Unknown: South Africa: Cape Division: SAMC: 1 [1 - 1 - 1].

Total Specimens for Frere, Bartle (Sir): 1

Freyer

Collection Date Unknown: Cameroon: Akonolinga: ZMB: 1 [1 - 1].

Unknown country: Dume: ZMB: 1 [1 - 1 - 2].

Total Specimens for Freyer: 2

Frichmunn, H.

Collection Date Unknown: South Africa: Pietermaritzburg: USNM: 1 [1 - 1 - 1].

Total Specimens for Frichmunn, H.: 1

Friedman, R. and Williams, J.G.

18 November 1970: Kenya: Gibraltar island: AMNH: 3 [3 - 3 - 3].

27 November 1970: Uganda: Fort Portal: AMNH: 1 [1 - 1 - 1].

29 November 1970: Uganda: Budongo Forest: AMNH: 1 [1 - 1 - 1].

Total Specimens for Friedman, R. and Williams, J.G.: 5

Fritsch

Collection Date Unknown: Egypt: Kings graves near Deir al Bahari: ZMB: 1 [1] - no specific locality: ZMB: 1 [1 - 2 - 2].

Total Specimens for Fritsch: 2

Fritsche

Collection Date Unknown: South Africa: Kuruman: ZMB: 3 [3 - 3 - 3].

Total Specimens for Fritzsche: 3

Fromm

Collection Date Unknown: Tanzania: Bismarckburg [=Kasanga]: ZMB: 1 [1] - Karema: ZMB: 1 [1] - Mwazyze: ZMB: 1 [1] - Mwsamwilager: ZMB: 1 [1] - Namanjere [=Namanyere]: ZMB: 1 [1 - 5 - 5].

Total Specimens for Fromm: 5

Frontier

Collection Date Unknown: Tanzania: Kilombero Valley: SMF: 1 [1] - Kwangumi Forest Reserve: SMF: 1 [1] - Litipo Forest Reserve: SMF: 1 [1 - 3 - 3].

30 July 1993: Tanzania: Litipo Forest Reserve: SMF: 1 [1 - 1 - 1].

12 August 1993: Tanzania: Litipo Forest Reserve: SMF: 1 [1 - 1 - 1].

22 October 1996: Tanzania: Kwangumi Forest Reserve: SMF: 1 [1 - 1 - 1].

27 July 1997: Tanzania: Manga Forest Reserve: SMF: 2 [2 - 2 - 2].

22 July 1998: Tanzania: Kilombero Valley: SMF: 1 [1 - 1 - 1].

26 August 1998: Tanzania: Segoma Forest Reserve: SMF: 1 [1 - 1 - 1].

5 March 1999: Tanzania: Segoma Forest Reserve: SMF: 1 [1 - 1 - 1].

9 February 2000: Tanzania: Amani Nature Forest Reserve, NW-side: SMF: 2 [2 - 2 - 2].

10 February 2000: Tanzania: Amani Nature Forest Reserve, NW-side: SMF: 1 [1 - 1 - 1].

15 February 2001: Tanzania: Semdoe Forest Reserve: SMF: 1 [1 - 1 - 1].

20 February 2001: Tanzania: Semdoe Forest Reserve: SMF: 1 [1 - 1 - 1].

13 March 2001: Tanzania: Semdoe Forest Reserve: SMF: 1 [1 - 1 - 1].

Total Specimens for Frontier: 17

Frontier-Project

Collection Date Unknown: Tanzania: Kambai Forest Reserve: SMF: 1 [1 - 1 - 1].

13 March 1996: Tanzania: Semdoe Forest Reserve: SMF: 1 [1 - 1 - 1].

2 August 1996: Tanzania: Matai Forest Reserve: SMF: 1 [1 - 1 - 1].

Total Specimens for Frontier-Project: 3

Fülleborn

Collection Date Unknown: Tanzania: Langenburg [=?Ikombe]: ZMB: 4 [4] - Lindi: ZMB: 7 [7] - Mtira: ZMB: 1 [1] - no specific locality: ZMB: 1 [1] - Rutenganio [Mission]: ZMB: 1 [1 - 14 - 14].

Total Specimens for Fülleborn: 14

Funnell, E (Frontier-Project)

Collection Date Unknown: Tanzania: Kwangumi Forest Reserve: SMF: 1 [1 - 1 - 1].

Total Specimens for Funnell, E (Frontier-Project): 1

Gaerdes, F.

Collection Date Unknown: Namibia: Karibib or Okahandja: SMF: 1 [1 - 1 - 1].

27 September 1958: Namibia: Okahandja: SMF: 1 [1 - 1 - 1].

Total Specimens for Gaerdes, F.: 2

Gallagher, M.D. (Maj.)

Collection Date Unknown: Congo (Democratic Republic of the): Scierie Forest: BMNH: 1 [1 - 1 - 1].

30 October 1974: Congo (Democratic Republic of the): Mulongo: HZM: 1 [1 - 1 - 1].

31 October 1974: Congo (Democratic Republic of the): Mulongo: HZM: 1 [1 - 1 - 1].

14 November 1974: Congo (Democratic Republic of the): Scierie Forest: BMNH: 2 [2 - 2 - 2].

Total Specimens for Gallagher, M.D. (Maj.): 5

Galton, F. (Esq.)

Collection Date Unknown: Unknown Country: : BMNH: 1 [1 - 1 - 1].

Total Specimens for Galton, F. (Esq.): 1

Gardiner, Prof. J. Stanley

Collection Date Unknown: Seychelle Islands: Silhouette Island: BMNH: 1 [1 - 1 - 1].

Total Specimens for Gardiner, Prof. J. Stanley: 1

Garside, Rév. J.G.

23 October 1959: Congo (Democratic Republic of the): Bokalakala: RMCA: 1 [1 - 1 - 1].**Total Specimens for Garside, Rév. J.G.: 1**

Gaucher, Ph. and Brosset, André

Collection Date Unknown: Tunisia: Gabès, 100 km S: MHNG: 1 [1 - 1 - 1].**Total Specimens for Gaucher, Ph. and Brosset, André: 1**

Gauteng Bat Intrest Group

20 September 2003: South Africa: Farm Makapansgat 39KS: TM: 1 [1 - 1 - 1].**Total Specimens for Gauteng Bat Intrest Group: 1**

Gauteng Nature Conservation

18 July 2004: South Africa: : TM: 1 [1 - 1 - 1].**Total Specimens for Gauteng Nature Conservation: 1**

Geene, R.

5 March 1990: Egypt: Port Said, 10 mi S: ZMA: 2 [2 - 2 - 2].**10 May 1990:** Egypt: Manzala East: ZMA: 1 [1 - 1 - 1].**Total Specimens for Geene, R.: 3**

Geertsema, C.C.

25 August 1963: Botswana: Kwaai river: ZMA: 1 [1 - 1 - 1].**Total Specimens for Geertsema, C.C.: 1**

Geest, J.C.

Collection Date Unknown: Ghana: Aiyikuma: USNM: 11 [11] - Legon [Botanical Garden]: USNM: 14 [14] - Pulima: USNM: 3 [3 - 28].

Nigeria: Afon: USNM: 12 [12] - Felele: USNM: 3 [3] - Gudi, 3 mi E: USNM: 2 [2] - Ibadan: USNM: 1 [1] - Karaduwa: USNM: 4 [4] - Kudu: USNM: 8 [8] - Panyam [Fish Farm]: USNM: 2 [2] - Parniso: USNM: 4 [4] - Tangaza: USNM: 5 [5] - Tsanchaga: USNM: 3 [3 - 44 - 72].

9 November 1966: Nigeria: Ilashe, 4 mi S: USNM: 2 [2 - 2 - 2].**10 January 1967:** Nigeria: Tsanchaga: USNM: 2 [2 - 2 - 2].**14 January 1967:** Nigeria: Karaduwa: USNM: 1 [1 - 1 - 1].**16 January 1967:** Nigeria: Karaduwa: USNM: 2 [2 - 2 - 2].**17 January 1967:** Nigeria: Karaduwa: USNM: 2 [2 - 2 - 2].**18 January 1967:** Nigeria: Karaduwa: USNM: 1 [1 - 1 - 1].**22 January 1967:** Nigeria: Panisau: USNM: 4 [4 - 4 - 4].**4 February 1967:** Nigeria: Panisau: USNM: 9 [9 - 9 - 9].**5 February 1967:** Nigeria: Panisau: USNM: 6 [6 - 6 - 6].**7 March 1967:** Nigeria: Kudu: USNM: 6 [6 - 6 - 6].**8 March 1967:** Nigeria: Kudu: USNM: 2 [2 - 2 - 2].**5 May 1967:** Nigeria: Afon: USNM: 9 [9 - 9 - 9].**6 May 1967:** Nigeria: Afon: USNM: 24 [24 - 24 - 24].**7 May 1967:** Nigeria: Afon: USNM: 3 [3 - 3 - 3].**29 May 1967:** Nigeria: Dada: USNM: 1 [1 - 1 - 1].**30 May 1967:** Nigeria: Dada: USNM: 8 [8 - 8 - 8].**24 July 1967:** Ghana: Legon [Botanical Garden]: USNM: 1 [1 - 1 - 1].**27 July 1967:** Ghana: Legon [Botanical Garden]: USNM: 3 [3 - 3 - 3].**29 July 1967:** Ghana: Mankesin: USNM: 1 [1 - 1 - 1].**7 August 1967:** Ghana: Nkawkaw, 1 mi N: USNM: 4 [4 - 4 - 4].**8 October 1967:** Ghana: Aburi: USNM: 1 [1 - 1 - 1].**28 November 1967:** Ghana: Legon [Botanical Garden]: USNM: 1 [1 - 1 - 1].**30 November 1967:** Ghana: Akosombo: USNM: 9 [9 - 9 - 9].**2 December 1967:** Ghana: Akwanu, 5 mi W: USNM: 16 [16] - Kpeve: USNM: 3 [3 - 19 - 19].**13 January 1968:** Ghana: Prestea, 32 mi W: USNM: 1 [1 - 1 - 1].**16 January 1968:** Ghana: Butre: USNM: 1 [1 - 1 - 1].**18 January 1968:** Ghana: Butre: USNM: 1 [1 - 1 - 1].**20 January 1968:** Ghana: Butre: USNM: 1 [1 - 1 - 1].

30 January 1968: Ghana: Ahiriso: USNM: 1 [1 - 1 - 1].
21 February 1968: Ghana: Subinja: USNM: 1 [1 - 1 - 1].
26 February 1968: Ghana: Pirisi: USNM: 60 [60 - **60** - 60].
27 February 1968: Ghana: Pirisi: USNM: 58 [58 - **58** - 58].
3 March 1968: Ghana: Pulima: USNM: 36 [36 - **36** - 36].
4 March 1968: Ghana: Pulima: USNM: 12 [12 - **12** - 12].
5 March 1968: Ghana: Bangwon: USNM: 4 [4] - Pulima: USNM: 1 [1 - 5 - 5].
7 March 1968: Ghana: Pulima: USNM: 1 [1 - 1 - 1].
9 March 1968: Ghana: Bangwon: USNM: 32 [32 - **32** - 32].
11 March 1968: Ghana: Bangwon: USNM: 8 [8 - **8** - 8].
15 March 1968: Ghana: Sakpa: USNM: 6 [6 - **6** - 6].
16 March 1968: Ghana: Pulima: USNM: 1 [1] - Sakpa: USNM: 42 [42 - **43** - 43].
17 March 1968: Ghana: Sakpa: USNM: 5 [5 - 5 - 5].
18 March 1968: Ghana: Sakpa: USNM: 28 [28 - **28** - 28].
21 March 1968: Ghana: Sakpa: USNM: 3 [3 - **3** - 3].
8 April 1968: Ghana: Yabraso: USNM: 1 [1 - 1 - 1].
11 April 1968: Ghana: Yabraso: USNM: 2 [2 - 2 - 2].
14 April 1968: Ghana: Nabogo: USNM: 4 [4 - 4 - 4].
15 April 1968: Ghana: Nabogo: USNM: 4 [4 - 4 - 4].
8 May 1968: Ghana: Gambaga: USNM: 3 [3 - 3 - 3].
16 May 1968: Ghana: Sakpa: USNM: 1 [1 - 1 - 1].
18 June 1968: Ghana: Sakpa: USNM: 1 [1 - 1 - 1].

Total Specimens for Geest, J.C.: 512

Gerard, E. (Dr.) and Rudd, C.D.

Collection Date Unknown: Gabon: Cette Cama: BMNH: 1 [1 - 1 - 1].

Total Specimens for Gerard, E. (Dr.) and Rudd, C.D.: 1

Gerard, E. (Dr.) and Turner, H.J.A. (?)

Collection Date Unknown: Kenya: Yala river: BMNH: 1 [1 - 1 - 1].
16 November 1913: Kenya: Yala river: BMNH: 1 [1 - 1 - 1].
23 November 1913: Kenya: Yala river: BMNH: 1 [1 - 1 - 1].
1 December 1913: Kenya: Yala river: BMNH: 1 [1 - 1 - 1].

Total Specimens for Gerard, E. (Dr.) and Turner, H.J.A. (?): 4

Gerrans, R.

28 June 1988: South Africa: Waterberg, Farm Klipfontein 54JS: TM: 1 [1 - 1 - 1].

Total Specimens for Gerrans, R.: 1

Gerrans, R. and Weber, S.

25 May 1988: South Africa: Waterberg, Farm Klipfontein 54JS: TM: 4 [4 - 4 - 4].
19 September 1988: South Africa: Waterberg, Farm Klipfontein 54JS: TM: 4 [4 - 4 - 4].

Total Specimens for Gerrans, R. and Weber, S.: 8

Gerrard

Collection Date Unknown: Eritrea: Bogos country: ZMB: 2 [2 - 2].
 Ethiopia: Abyssinia: ZMB: 1 [1 - 1].
 Madagascar: no specific locality: ZMB: 3 [3 - 3].
 Nigeria: Lagos: ZMB: 2 [2 - 2].
 South Africa: Cape of Good Hope: ZMB: 1 [1 - 1].
 Tanzania: Pangani river: ZMB: 1 [1] - Zanzibar: ZMB: 1 [1 - 2 - 11].

Total Specimens for Gerrard: 11

Ghesquière, J.

Collection Date Unknown: Congo (Democratic Republic of the): Eala: RMCA: 2 [2] - Lukolela: RMCA: 1 [1] - Lusambo: RMCA: 7 [7] - Rutshuru: RMCA: 1 [1] - Tshuapa river, upper: RMCA: 1 [1 - **12** - 12].
25 December 1921: Congo (Democratic Republic of the): Lusambo: RMCA: 1 [1 - 1 - 1].
30 March 1937: Congo (Democratic Republic of the): Rutshuru: RMCA: 1 [1 - 1 - 1].

Total Specimens for Ghesquière, J.: 14

Ghotosho

22 December 1982: Nigeria: Zaria: HZM: 1 [1 - 1 - 1].

Total Specimens for Ghotosho: 1

Giffard, W. (Capt.)

27 January 1899: Ghana: Fra Fra Country: BMNH: 1 [1 - 1 - 1].

Total Specimens for Giffard, W. (Capt.): 1

Gilbert, G.

29 July 1946: Congo (Democratic Republic of the): Yangambi: KBIN: 1 [1 - 1 - 1].

8 August 1946: Congo (Democratic Republic of the): Yangambi: KBIN: 1, RMCA: 1 [2 - 2 - 2].

10 November 1947: Congo (Democratic Republic of the): Yangambi: KBIN: 1 [1 - 1 - 1].

Total Specimens for Gilbert, G.: 4

Gilson, M.

Collection Date Unknown: Congo: Majumba: RMCA: 1 [1] - Mayumbe: RMCA: 1 [1 - 2 - 2].

Total Specimens for Gilson, M.: 2

Ginn, P.

Collection Date Unknown: South Africa: Makalali: TM: 1 [1 - 1 - 1].

10 March 1970: Zimbabwe: Peterhouse School: NHMZ: 1 [1 - 1 - 1].

21 December 1970: Zimbabwe: Peterhouse School: NHMZ: 1 [1 - 1 - 1].

Total Specimens for Ginn, P.: 3

Ginn, P.J.

Collection Date Unknown: South Africa: The Downs: TM: 1 [1 - 1 - 1].

8 December 1978: South Africa: Barberton [=Umhlumna]: TM: 2 [2 - 2 - 2].

Total Specimens for Ginn, P.J.: 3

Ginn, P.J.G.

24 February 1970: Zimbabwe: Peterhouse School: NHMZ: 1 [1 - 1 - 1].

Total Specimens for Ginn, P.J.G.: 1

Gizya, E.Z.S.

23 November 1920: Egypt: Gizeh: BMNH: 1 [1 - 1 - 1].

Total Specimens for Gizya, E.Z.S.: 1

Glanville, R.R.

29 July 1938: Sierra Leone: Rokupr: BMNH: 1 [1 - 1 - 1].

10 September 1938: Sierra Leone: Petifu: BMNH: 2 [2 - 2 - 2].

15 February 1939: Sierra Leone: Makeni: BMNH: 1 [1 - 1 - 1].

Total Specimens for Glanville, R.R.: 4

Glauning

Collection Date Unknown: "Africa": Eastern Africa: ZMB: 1 [1 - 1].

Cameroon: Bamenda: ZMB: 1 [1] - Bana: ZMB: 1 [1] - Banjun: ZMB: 2 [2 - 4].

German East Africa: : ZMB: 1 [1 - 1].

Namibia: Nassengehöhle: ZMB: 1 [1 - 1].

Tanzania: Lake Rukwa: ZMB: 5 [5 - 5 - 12].

Total Specimens for Glauning: 12

Gleim

Collection Date Unknown: Angola: Luanda: ZMB: 1 [1 - 1 - 1].

Total Specimens for Gleim: 1

Glen, R.

Collection Date Unknown: Kenya: Kakamega forest: ROM: 3 [3 - 3].
Uganda: Ntandi: LACM: 1 [1 - 1 - 4].

Total Specimens for Glen, R.: 4

GNB

14 March 1988: South Africa: Ngome Forest Reserve: TM: 1 [1 - 1 - 1].

Total Specimens for GNB: 1

Godfrey, R. (Rev.)

Collection Date Unknown: South Africa: Pirie, Pirie Mission: SAMC: 7 [7 - 7 - 7].

Total Specimens for Godfrey, R. (Rev.): 7

Goepel, U.

1 August 1964: Congo (Democratic Republic of the): Lwiro: ZMZ: 1 [1 - 1 - 1].

8 August 1964: Congo (Democratic Republic of the): Lwiro: ZMZ: 2 [2 - 2 - 2].

25 August 1964: Rwanda: Uwinka: ZMZ: 1 [1 - 1 - 1].

31 October 1964: Rwanda: Mimuli: ZMZ: 1 [1 - 1 - 1].

Total Specimens for Goepel, U.: 5

Gomez, R.

3 April 1887: Canary Islands [Spain]: Orotava: BMNH: 1 [1 - 1 - 1].

Total Specimens for Gomez, R.: 1

Good, A.I.

4 June 1914: Cameroon: Lolodorf: CM: 1 [1 - 1 - 1].

3 May 1934: Cameroon: Sangmelima: CM: 1 [1 - 1 - 1].

2 August 1938: Cameroon: Lolodorf: CM: 1 [1 - 1 - 1].

Total Specimens for Good, A.I.: 3

Goodman, K.P.

25 July 1995: South Africa: Mkuzi Game Reserve: DNSM: 1 [1 - 1 - 1].

Total Specimens for Goodman, K.P.: 1

Goodman, P.S.

18 June 1991: South Africa: Mantuma Camp: DNSM: 1 [1 - 1 - 1].

2 March 1992: South Africa: Mkuzi Game Reserve: DNSM: 1 [1 - 1 - 1].

Total Specimens for Goodman, P.S.: 2

Goodman, Steven M.

Collection Date Unknown: Madagascar: Andrafiabe Cave, forest near [=forêt près de la grotte d'Andrafiabe]: FMNH: 1 [1 - 1 - 1].

3 July 1991: Tanzania: Korogwe, 12.5 km NW: FMNH: 2 [2 - 2 - 2].

4 July 1991: Tanzania: Korogwe, 12.5 km NW: FMNH: 2 [2 - 2 - 2].

5 July 1991: Tanzania: Korogwe, 12.5 km NW: FMNH: 1 [1 - 1 - 1].

4 August 1992: Tanzania: Amani, 4.5 km WNW: FMNH: 1 [1 - 1 - 1].

10 August 1992: Tanzania: Amani, 8 km WNW: FMNH: 2 [2 - 2 - 2].

1 September 1992: Tanzania: Korogwe, 12.5 km NW: FMNH: 2 [2 - 2 - 2].

2 September 1992: Tanzania: Korogwe, 12.5 km NW: FMNH: 1 [1 - 1 - 1].

18 April 1993: Madagascar: Zombitsy forest: FMNH: 1 [1 - 1 - 1].

Total Specimens for Goodman, Steven M.: 13

Goodwin, G.G.

22 May 1938: Kenya: Moctow, 50 mi S [=Maktau, 50 mi S]: AMNH: 1 [1 - 1 - 1].

Total Specimens for Goodwin, G.G.: 1

Gotsch

Collection Date Unknown: Algeria: Algiers: ZMB: 1 [1 - 1 - 1].**Total Specimens for Gotsch: 1**

Götze

Collection Date Unknown: Unknown country: Ukuguru: ZMB: 1 [1 - 1 - 1].**Total Specimens for Götze: 1**

Gould, E.

27 April 1967: Madagascar: Perinet: ROM: 1 [1 - 1 - 1].**Total Specimens for Gould, E.: 1**

Goussard, S.W.

Collection Date Unknown: Botswana: Sepopa: USNM: 1 [1] - Shakawe: USNM: 4 [4 - 5 - 5].**18 April 1967:** Botswana: Sepopa: USNM: 1 [1 - 1 - 1].**4 May 1967:** Botswana: Shakawe, 50 mi W, 12 mi S: USNM: 1 [1 - 1 - 1].**28 May 1967:** Botswana: Shakawe, 50 mi W, 12 mi S: USNM: 4 [4 - 4 - 4].**8 June 1967:** Botswana: Drodsky cave: USNM: 22 [22 - 22 - 22].**22 June 1967:** Botswana: Nokaneng, 15 mi N: USNM: 1 [1 - 1 - 1].**24 June 1967:** Botswana: Nokaneng, 15 mi N: USNM: 1 [1 - 1 - 1].**8 July 1967:** Botswana: Drodsky cave: USNM: 1 [1 - 1 - 1].**1 December 1967:** Zimbabwe: Ngorima Reserve: USNM: 1 [1 - 1 - 1].**10 December 1967:** Zimbabwe: Kyle Game Reserve: USNM: 2 [2 - 2 - 2].**11 December 1967:** Zimbabwe: Kyle Game Reserve: USNM: 1 [1 - 1 - 1].**12 December 1967:** Zimbabwe: Kyle Game Reserve: USNM: 1 [1 - 1 - 1].**16 December 1967:** Zimbabwe: Kyle Game Reserve: USNM: 8 [8 - 8 - 8].**Total Specimens for Goussard, S.W.: 49**

Govt. Agent, Kota-Kota

Collection Date Unknown: Malawi: Kota-Kota: NHMZ: 7 [7 - 7 - 7].**Total Specimens for Govt. Agent, Kota-Kota: 7**

Gow, C.

Collection Date Unknown: South Africa: Middelburg: SAMC: 1 [1 - 1 - 1].**Total Specimens for Gow, C.: 1**

Grahamstown Museum

Collection Date Unknown: South Africa: Grahamstown: BMNH: 2 [2 - 2 - 2].**Total Specimens for Grahamstown Museum: 2**

Granchi, E.

22 August 1962: Somalia: Eggi, 4 km S: MZUF: 1 [1 - 1 - 1].**Total Specimens for Granchi, E.: 1**

Granchi, E.; Lanza, Benedetto and Innoc

4 August 1970: Somalia: Giohar: MZUF: 1 [1 - 1 - 1].**Total Specimens for Granchi, E.; Lanza, Benedetto and Innoc: 1**

Grandidier, G.

Collection Date Unknown: Madagascar: Ankarana, N of: MCZ: 1 [1 - 1].
Tanzania: Zanzibar: MNHN: 1 [1 - 1 - 2].

Total Specimens for Grandidier, G.: 2

Granger, W.W.

26 July 1963: Kenya: Ngombeni caves: USNM: 1 [1 - 1 - 1].**Total Specimens for Granger, W.W.: 1**

Grant, C.H.B. (Capt.)

Collection Date Unknown: Mozambique: Tete: TM: 1 [1 - 1 - 1].**26 October 1904:** South Africa: Ngoye hills: BMNH: 1 [1 - 1 - 1].**3 April 1905:** South Africa: Knysna: TM: 2 [2 - 2 - 2].**22 July 1905:** South Africa: Klein Letaba, 14 km W: TM: 1 [1 - 1 - 1].**Total Specimens for Grant, C.H.B. (Capt.): 5**

Grant, C.H.B. (Capt.) and Rudd, C.D.

Collection Date Unknown: Mozambique: Tete: BMNH: 3 [3 - 3].South Africa: Insuzi river: BMNH: 1 [1 - 1 - 4].**14 April 1903:** South Africa: Klipfontein: BMNH: 1 [1 - 1 - 1].**17 April 1903:** South Africa: Klipfontein: BMNH: 1 [1 - 1 - 1].**15 February 1904:** South Africa: Eshowe: BMNH: 1 [1 - 1 - 1].**3 August 1905:** South Africa: Klein Letaba: BMNH: 2 [2 - 2 - 2].**18 August 1905:** South Africa: Klein Letaba: BMNH: 1 [1 - 1 - 1].**24 September 1905:** South Africa: Klein Letaba: BMNH: 1 [1 - 1 - 1].**26 July 1906:** Mozambique: Coguno: BMNH: 1 [1 - 1 - 1].**28 July 1906:** Mozambique: Coguno: BMNH: 1 [1 - 1 - 1].**9 August 1906:** Mozambique: Inhambane: BMNH: 1 [1 - 1 - 1].**11 August 1906:** Mozambique: Inhambane: BMNH: 1 [1 - 1 - 1].**8 September 1906:** Mozambique: Coguno: BMNH: 1 [1 - 1 - 1].**8 May 1907:** Mozambique: Tambarara: BMNH: 6 [6 - 6 - 6].**10 September 1907:** Mozambique: Tete: BMNH: 3 [3 - 3 - 3].**23 August 1908:** Mozambique: Tete: BMNH: 2 [2 - 2 - 2].**24 August 1908:** Mozambique: Coguno: BMNH: 1 [1 - 1 - 1].**29 August 1908:** Mozambique: Coguno: BMNH: 1 [1] - Tete: BMNH: 1 [1 - 2 - 2].**13 September 1908:** Mozambique: Tete: BMNH: 1 [1 - 1 - 1].**14 September 1908:** Mozambique: Tete: BMNH: 1 [1 - 1 - 1].**10 December 1953:** South Africa: Insuzi river: BMNH: 2 [2 - 2 - 2].**11 December 1953:** South Africa: Insuzi river: BMNH: 5 [5 - 5 - 5].**Total Specimens for Grant, C.H.B. (Capt.) and Rudd, C.D.: 39**

Grant, C.H.B. (Capt.; coll), Rudd, C.D. (pres)

17 November 1903: South Africa: Jususie valley [=Insuzi valley]: BMNH: 1 [1 - 1 - 1].**Total Specimens for Grant, C.H.B. (Capt.; coll), Rudd, C.D. (pres): 1**

Grant, C.H.B. (Rudd Expedition)

Collection Date Unknown: Mozambique: Tete: TM: 1 [1 - 1].South Africa: Esperanza [=Beneva] Tunnel: DNSM: 1 [1 - 1 - 2].**Total Specimens for Grant, C.H.B. (Rudd Expedition): 2**

Grant, K.

10 March 1987: South Africa: Pilanesberg National Park: TM: 2 [2 - 2 - 2].**Total Specimens for Grant, K.: 2**

Graub

1 February 1910: Congo (Democratic Republic of the): Uvira: NMW: 1 [1 - 1 - 1].**Total Specimens for Graub: 1**

Graubner, O.F.

22 April 1969: South Africa: Thabazimbi, 16 mi SE: USNM: 10 [10 - 10 - 10].**Total Specimens for Graubner, O.F.: 10**

Grauer, Rudolf

Collection Date Unknown: Burundi?: Russissi, bank [=Rusizi delta]: ZMB: 2 [2 - 2].
 Congo (Democratic Republic of the): Baraka: ZMB: 1 [1] - lake Tanganyika, NW bank: ZMB: 1 [1] - Rutshuru: NMW: 1 [1] - Ukaika: NMW: 2 [2] - Uvira: NMW: 2, ZMB: 4 [6 - 11].
 Tanzania: Tanganyika, lake: ZMB: 2 [2] - Usambara [mountains]: ZMB: 3 [3 - 5].
 Unknown country: Karagwa: ZMB: 6 [6 - 6 - 24].

Total Specimens for Grauer, Rudolf: 24

Grauer, Rudolf (Exped. Finanziert durch Ph. V. Oberlander)

Collection Date Unknown: Congo (Democratic Republic of the): Ukaika: NMW: 3 [3 - 3 - 3].

Total Specimens for Grauer, Rudolf (Exped. Finanziert durch Ph. V. Oberlander): 3

Grauer, Rudolf and Rolle, Hermann

Collection Date Unknown: Congo (Democratic Republic of the): Ruwenzori: ZMB: 1 [1 - 1].
 Uganda: Entebbe: ZMB: 2 [2 - 2 - 3].

Total Specimens for Grauer, Rudolf and Rolle, Hermann: 3

Greaves and Richardson

Collection Date Unknown: South Africa: Burman Bush, North Ridge Road: DNSM: 1 [1 - 1 - 1].

Total Specimens for Greaves and Richardson: 1

Greenberg, Stuart N.

10 January 1958: Uganda: Katwe: CAS: 1 [1 - 1 - 1].
14 July 1958: Uganda: Katwe: CAS: 1 [1 - 1 - 1].
22 July 1958: Kenya: Molo river: CAS: 1 [1 - 1 - 1].
18 August 1958: Kenya: Nairobi: CAS: 1 [1 - 1 - 1].

Total Specimens for Greenberg, Stuart N.: 4

Greyling, A.

Collection Date Unknown: South Africa: P.K. Santa: TM: 1 [1 - 1 - 1].

Total Specimens for Greyling, A.: 1

Griesel, W.J.H.J.

1 June 1987: South Africa: Farm Katrina: TM: 1 [1 - 1 - 1].

Total Specimens for Griesel, W.J.H.J.: 1

Grimbeek, Anton

28 May 1984: South Africa: Old picnic site: TM: 1 [1 - 1 - 1].

Total Specimens for Grimbeek, Anton: 1

Grindley, J.

Collection Date Unknown: South Africa: Table Mountain, Wynberg cave: TM: 1 [1 - 1 - 1].

Total Specimens for Grindley, J.: 1

Grindly, J.R.

Collection Date Unknown: South Africa: Table Mountain, Wynberg cave: TM: 2 [2 - 2 - 2].

Total Specimens for Grindly, J.R.: 2

Groenewald

23 October 1978: South Africa: Pretoria: TM: 1 [1 - 1 - 1].

Total Specimens for Groenewald: 1

Grote

Collection Date Unknown: Tanzania: Mikindani: ZMB: 10 [10 - **10** - 10].

Total Specimens for Grote: 10

Grützner

Collection Date Unknown: South Africa: Gerlachshoop: ZMB: 1 [1 - **1** - 1].

Total Specimens for Grützner: 1

Gruwell, J.A.

17 September 1971: Ghana: Accra, 9 mi NE: CM: 1 [1 - **1** - 1].

23 October 1971: Cote D'Ivoire: Lakota, 15 km N: CM: 1 [1 - **1** - 1].

31 October 1971: Cote D'Ivoire: Bouake, 25 km N: CM: 1 [1 - **1** - 1].

12 November 1971: Cote D'Ivoire: Abidjan, 15 km NW: CM: 1 [1 - **1** - 1].

Total Specimens for Gruwell, J.A.: 4

Gueinzus

Collection Date Unknown: South Africa: Port Natal [=Durban]: ZMB: 1 [1 - **1** - 1].

Total Specimens for Gueinzus: 1

Guilbormod, Jacot

Collection Date Unknown: Lesotho: Teyateyaneng: TM: 2 [2 - **2** - 2].

Total Specimens for Guilbormod, Jacot: 2

Gutteling (Mrs.)

15 April 1970: South Africa: Ndumu Game Reserve: TM: 2 [2 - **2** - 2].

Total Specimens for Gutteling (Mrs.): 2

Guy, G.L.

24 August 1962: Zimbabwe: Zambezi-Cherowe Junction: HZM: 1 [1 - **1** - 1].

Total Specimens for Guy, G.L.: 1

Gyldenstolpe, N.

12 May 1921: Congo (Democratic Republic of the): Moera: RMCA: 1 [1 - **1** - 1].

Total Specimens for Gyldenstolpe, N.: 1

Haacke, W.

22 October 1965: Namibia: Namibia Desert Research Station [= DERU]: TM: 1 [1 - **1** - 1].

Total Specimens for Haacke, W.: 1

Haacke, W. and Prozesky, O.P.M

Collection Date Unknown: Botswana: Drodsky cave: USNM: 3 [3 - **3** - 3].

20 November 1961: Botswana: Tsane: USNM: 10 [10 - **10** - 10].

Total Specimens for Haacke, W. and Prozesky, O.P.M: 13

Haagner, A.K. (Dr.)

Collection Date Unknown: South Africa: Pretoria: TM: 2 [2 - **2** - 2].

Total Specimens for Haagner, A.K. (Dr.): 2

Haagner, G.

Collection Date Unknown: South Africa: Manyeleti Game Reserve, main camp: TM: 2 [2] - Manyeleti, Hermitagie camp: TM: 1 [1 - **3** - 3].

14 February 1987: South Africa: Manyeleti Game Reserve: TM: 1 [1 - 1 - 1].
19 April 1987: South Africa: Manyeleti Game Reserve, main camp: TM: 1 [1 - 1 - 1].
21 April 1987: South Africa: Manyeleti Game Reserve, main camp: TM: 1 [1 - 1 - 1].

Total Specimens for Haagner, G.: 6

Haagner, Sigmund (Mr.)

Collection Date Unknown: Namibia: Keetmanshoop district [= Damaraland]: TM: 1 [1 - 1 - 1].

Total Specimens for Haagner, Sigmund (Mr.): 1

Haake, W.

14 June 1964: Botswana: Tuli Block, Gesond Ltd: TM: 1 [1 - 1 - 1].
17 June 1964: Botswana: Tuli Block, Gesond Ltd: TM: 1 [1 - 1 - 1].
18 June 1964: Botswana: Tuli Block, Gesond Ltd: TM: 2 [2 - 2 - 2].
19 June 1964: Botswana: Tuli Block, Gesond Ltd: TM: 1 [1 - 1 - 1].

Total Specimens for Haake, W.: 5

Haas, F.

10 September 1931: South Africa: Letaba Ranch: SMF: 1 [1 - 1 - 1].
10 November 1931: Zambia: Nsombo: SMF: 2 [2 - 2 - 2].

Total Specimens for Haas, F.: 3

Haberer

Collection Date Unknown: Cameroon: no specific locality: ZMB: 7 [7] - Yaounde: ZMB: 4 [4 - 11 - 11].

Total Specimens for Haberer: 11

Hackard

Collection Date Unknown: "Africa": Ruwenzori West: RMCA: 1 [1 - 1].
 Congo (Democratic Republic of the): Mutwanga: RMCA: 2 [2 - 2 - 3].

Total Specimens for Hackard: 3

Hahn, missionary

Collection Date Unknown: Namibia: Gross Barmen: ZMB: 1 [1] - Otjimbingue: ZMB: 12 [12 - 13 - 13].

Total Specimens for Hahn, missionary: 13

Hahn, W.L.

Collection Date Unknown: South Africa: Durban: ZMB: 1 [1 - 1 - 1].

Total Specimens for Hahn, W.L.: 1

Hall, B.P. (Mrs.)

2 August 1957: Angola: Lucano: BMNH: 1 [1 - 1 - 1].

Total Specimens for Hall, B.P. (Mrs.): 1

Hamilton, J.S. (Maj.)

11 May 1906: South Africa: Sabi river: BMNH: 1 [1 - 1 - 1].
21 May 1906: South Africa: Sabi river: BMNH: 1 [1 - 1 - 1].
24 March 1918: Sudan: Kongir: BMNH: 1 [1 - 1 - 1].
25 March 1918: Sudan: Kongir: BMNH: 3, KM: 2 [5 - 5 - 5].
28 March 1918: Sudan: Bor, 40 mi N: BMNH: 1 [1 - 1 - 1].

Total Specimens for Hamilton, J.S. (Maj.): 9

Hamilton, W.

12 April 1918: Sudan: Duk Fagul: USNM: 1 [1 - 1 - 1].

Total Specimens for Hamilton, W.: 1

Hammer

Collection Date Unknown: Malawi: Nchalo: HZM: 2 [2 - 2 - 2].

Total Specimens for Hammer: 2

Hanchuan

17 December 1934: South Africa: Alice: KM: 1 [1 - 1 - 1].

Total Specimens for Hanchuan: 1

Happold, David C.D. and Happold, Meridith

Collection Date Unknown: Malawi: : BMNH: 3 [3] - Bangula swamp: DCDH: 1 [1] - Thondwe: BMNH: 1 [1 - 5 - 5].

6 October 1984: Malawi: Zomba town: DCDH: 1 [1 - 1 - 1].

9 October 1984: Malawi: Zomba town: DCDH: 7 [7 - 7 - 7].

14 October 1984: Malawi: Zomba town: DCDH: 1 [1 - 1 - 1].

20 October 1984: Malawi: Zomba town: DCDH: 8 [8 - 8 - 8].

31 October 1984: Malawi: Zomba town: DCDH: 1 [1 - 1 - 1].

4 November 1984: Malawi: Zomba town: DCDH: 1 [1 - 1 - 1].

7 November 1984: Malawi: Zomba town: BMNH: 1 [1 - 1 - 1].

12 November 1984: Malawi: Liwonde National Park: DCDH: 1 [1 - 1 - 1].

13 November 1984: Malawi: Liwonde National Park: DCDH: 1 [1 - 1 - 1].

16 November 1984: Malawi: Zomba town: DCDH: 1 [1 - 1 - 1].

17 November 1984: Malawi: Zomba town: DCDH: 1 [1 - 1 - 1].

24 November 1984: Malawi: Bone's Garden, 16th Avenue: DCDH: 1 [1 - 1 - 1].

7 December 1984: Malawi: Zomba town: BMNH: 1, DCDH: 1 [2 - 2 - 2].

9 December 1984: Malawi: Zomba town: DCDH: 1 [1 - 1 - 1].

10 December 1984: Malawi: Zomba town: BMNH: 2 [2 - 2 - 2].

11 December 1984: Malawi: Liwonde National Park: DCDH: 1 [1 - 1 - 1].

12 December 1984: Malawi: Liwonde National Park: BMNH: 1 [1 - 1 - 1].

19 December 1984: Malawi: Lengwe National Park: DCDH: 1 [1 - 1 - 1].

27 December 1984: Malawi: Zomba town: BMNH: 2, DCDH: 2 [4 - 4 - 4].

30 December 1984: Malawi: Zomba town: BMNH: 1, DCDH: 2 [3 - 3 - 3].

31 December 1984: Malawi: Zomba town: BMNH: 1 [1 - 1 - 1].

1 January 1985: Malawi: Zomba town: BMNH: 1 [1 - 1 - 1].

22 January 1985: Malawi: Thondwe: BMNH: 1 [1 - 1 - 1].

25 January 1985: Malawi: Zomba town: DCDH: 1 [1 - 1 - 1].

30 January 1985: Malawi: Bone's Garden, 16th Avenue: DCDH: 1 [1 - 1 - 1].

5 February 1985: Malawi: Liwonde National Park: DCDH: 1 [1 - 1 - 1].

11 February 1985: Malawi: Luwawa dam: DCDH: 1 [1 - 1 - 1].

2 March 1985: Malawi: Zomba town: DCDH: 2 [2 - 2 - 2].

18 March 1985: Malawi: Zomba Plateau: DCDH: 1 [1 - 1 - 1].

20 March 1985: Malawi: Trout Ponds: BMNH: 2 [2] - Zomba Plateau: DCDH: 3 [3 - 5 - 5].

21 March 1985: Malawi: Trout Ponds: BMNH: 1 [1] - Zomba Plateau: DCDH: 2 [2 - 3 - 3].

24 March 1985: Malawi: Zomba Plateau: DCDH: 2 [2 - 2 - 2].

26 March 1985: Malawi: Zomba town: DCDH: 1 [1 - 1 - 1].

7 April 1985: Malawi: Liwonde National Park: DCDH: 1 [1 - 1 - 1].

18 April 1985: Malawi: Kasungu national park: BMNH: 1 [1 - 1 - 1].

20 April 1985: Malawi: Kasungu national park: BMNH: 1 [1 - 1 - 1].

21 April 1985: Malawi: Kasungu national park: DCDH: 2 [2 - 2 - 2].

28 April 1985: Malawi: Chelinda: BMNH: 1, DCDH: 2 [3 - 3 - 3].

29 April 1985: Malawi: Chelinda: BMNH: 1, DCDH: 1 [2] - Nyika National Park: DCDH: 1 [1 - 3 - 3].

7 May 1985: Malawi: Chelinda: DCDH: 1 [1 - 1 - 1].

11 May 1985: Malawi: Luwawa dam: DCDH: 6 [6] - Zomba town: DCDH: 1 [1 - 7 - 7].

12 May 1985: Malawi: Luwawa dam: DCDH: 1 [1 - 1 - 1].

16 May 1985: Malawi: Bone's Garden, 16th Avenue: DCDH: 1 [1 - 1 - 1].

1 June 1985: Malawi: Zomba town: DCDH: 2 [2 - 2 - 2].

10 September 1993: Malawi: Kapalasa Farm: DCDH: 2 [2 - 2 - 2].

16 September 1993: Malawi: Mpalanganga Dam: DCDH: 1 [1] - Thondwe: DCDH: 2 [2 - 3 - 3].

19 September 1993: Malawi: Kapalasa Farm: DCDH: 1 [1 - 1 - 1].

21 September 1993: Malawi: Zomba Plateau: DCDH: 2 [2 - 2 - 2].

25 September 1993: Malawi: Zomba town: DCDH: 7 [7 - 7 - 7].

26 September 1993: Malawi: Kapalasa Farm: DCDH: 2 [2 - 2 - 2].

14 October 1993: Malawi: Kapalasa Farm: DCDH: 1 [1 - 1 - 1].

23 October 1993: Malawi: Kapalasa Farm: DCDH: 2 [2 - 2 - 2].

27 October 1993: Malawi: Kapalasa Farm: DCDH: 1 [1 - 1 - 1].

2 November 1993: Malawi: Ntchisi Forest Reserve: DCDH: 1 [1 - 1 - 1].

3 November 1993: Malawi: Ntchisi Forest Reserve: DCDH: 8 [8 - 8 - 8].

4 November 1993: Malawi: Ntchisi Forest Reserve: DCDH: 1 [1 - 1 - 1].

8 November 1993: Malawi: Chipata Camp: DCDH: 1 [1 - 1 - 1].

9 November 1993: Malawi: Nkhotakota: DCDH: 3 [3 - 3 - 3].

10 November 1993: Malawi: Nkhotakota: DCDH: 1 [1 - 1 - 1].

5 December 1993: Malawi: Kapalasa Farm: DCDH: 2 [2 - 2 - 2].
8 December 1993: Malawi: Liwonde National Park: DCDH: 1 [1 - 1 - 1].
12 December 1993: Malawi: Kapalasa Farm: DCDH: 1 [1 - 1 - 1].
21 December 1993: Malawi: Kapalasa Farm: DCDH: 2 [2 - 2 - 2].
30 December 1993: Malawi: Kapalasa Farm: DCDH: 1 [1 - 1 - 1].
19 January 1994: Malawi: Zomba Plateau: DCDH: 4 [4 - 4 - 4].
22 January 1994: Malawi: Chagwa dam: DCDH: 1 [1] - Zomba Plateau: DCDH: 7 [7 - 8 - 8].
3 February 1994: Malawi: Chimpeni Estate: DCDH: 2 [2 - 2 - 2].
7 February 1994: Malawi: Kapalasa Farm: DCDH: 1 [1] - Kapino dam: DCDH: 1 [1 - 2 - 2].
10 February 1994: Malawi: Kapalasa Farm: DCDH: 1 [1 - 1 - 1].
15 February 1994: Malawi: Liwonde National Park: DCDH: 2 [2 - 2 - 2].
22 March 1994: Malawi: Thyolo, mount: DCDH: 6 [6 - 6 - 6].
31 March 1994: Malawi: Thyolo, mount: DCDH: 1 [1 - 1 - 1].
8 April 1994: Malawi: Chiromo: DCDH: 2 [2 - 2 - 2].
17 April 1994: Malawi: Dzalanyama Forest Reserve: DCDH: 3 [3 - 3 - 3].
4 May 1994: Malawi: Liwonde National Park: DCDH: 1 [1 - 1 - 1].
6 May 1994: Malawi: Liwonde National Park: DCDH: 1 [1 - 1 - 1].
11 May 1994: Malawi: Zomba Plateau: DCDH: 5 [5 - 5 - 5].

Total Specimens for Happold, David C.D. and Happold, Meridith: 170

Harding, M.

16 May 1991: South Africa: Transvaal Museum workshop: TM: 1 [1 - 1 - 1].

Total Specimens for Harding, M.: 1

Hardwicke, Maj. Gen.

Collection Date Unknown: India: India: BMNH: 1 [1 - 1 - 1].

Total Specimens for Hardwicke, Maj. Gen.: 1

Hardy, A.R.

29 July 1964: Mozambique: Muchena: USNM: 1 [1 - 1 - 1].

30 August 1964: Mozambique: Vila de Manica, 10 km N: USNM: 5 [5 - 5 - 5].

Total Specimens for Hardy, A.R.: 6

Harger

Collection Date Unknown: Malawi: Port Herald: BMNH: 1 [1 - 1 - 1].

Total Specimens for Harger: 1

Harnold, Copley and Meester

Collection Date Unknown: South Africa: Skurweberg cave: TM: 1 [1 - 1 - 1].

Total Specimens for Harnold, Copley and Meester: 1

Harrison, David Lakin (Dr.)

Collection Date Unknown: Kenya: Kitale, 25 mi NW: SMF: 2 [2 - 2].

Sudan: Lokomanyang [=Lokomarinyang] Marsh: BMNH: 1 [1 - 1 - 3].

10 June 1958: Tanzania: Mbemba: SMF: 1 [1 - 1 - 1].

7 August 1958: Tanzania [=former Tanganika]: Kilwa: SMF: 2 [2 - 2 - 2].

10 September 1958: Tanzania: Madaba: SMF: 1 [1 - 1 - 1].

11 August 1959: Tanzania: Kiraboga: SMF: 1 [1 - 1 - 1].

13 October 1959: Israel: Wadi Araba, Yotwata: BMNH: 1 [1 - 1 - 1].

23 September 1966: Tunisia: Enfidaville: HZM: 1 [1 - 1 - 1].

3 October 1966: Tunisia: Wadi Zriba: HZM: 1 [1 - 1 - 1].

Total Specimens for Harrison, David Lakin (Dr.): 11

Harrison, David Lakin (Dr.) and Bates, Paul, J.J.

7 August 1981: Malawi: Likabula river: HZM: 1 [1 - 1 - 1].

8 August 1984: Malawi: Likabula river: HZM: 1 [1 - 1 - 1].

23 August 1984: Malawi: Likwenu river: HZM: 1 [1 - 1 - 1].

Total Specimens for Harrison, David Lakin (Dr.) and Bates, Paul, J.J.: 3

Harrison, J.J.

21 February 1900: NE Africa: Walamo: BMNH: 1 [1 - 1 - 1].

Total Specimens for Harrison, J.J.: 1

Harrison, James

Collection Date Unknown: South Africa: 27 Arnold Road: TM: 2 [2 - 2 - 2].

Total Specimens for Harrison, James: 2

Harrison, James du G

9 October 2003: South Africa: Irene: TM: 1 [1 - 1 - 1].

17 April 2005: South Africa: Irene: TM: 2 [2 - 2 - 2].

Total Specimens for Harrison, James du G: 3

Hart

1 May 1964: Zambia: Kalabo: HZM: 1 [1 - 1 - 1].

Total Specimens for Hart: 1

Hart, A.

14 August 1991: Tanzania: Genda Genda South Forest Reserve: SMF: 1 [1 - 1 - 1].

Total Specimens for Hart, A.: 1

Hartert, E. (Dr.)

16 May 1912: Algeria: El Golea: BMNH: 1 [1 - 1 - 1].

Total Specimens for Hartert, E. (Dr.): 1

Hartert, E. (Dr., coll), Lord Rothschild (pres)

16 May 1912: Algeria: Algerian Sahara, El Golea: BMNH: 1 [1 - 1 - 1].

Total Specimens for Hartert, E. (Dr., coll), Lord Rothschild (pres): 1

Hartford-Jordens, (Mrs.)

Collection Date Unknown: Congo (Democratic Republic of the): Mongbwalu: RMCA: 4 [4 - 4 - 4].

Total Specimens for Hartford-Jordens, (Mrs.): 4

Hartmann, von Barnim

Collection Date Unknown: Egypt: Denderah [=Dandarah]: ZMB: 6 [6 - 6 - 6].

Total Specimens for Hartmann, von Barnim: 6

Harvey, D.E.

18 November 1966: Mauritania: Akjoujt: USNM: 39 [39 - 39 - 39].

21 November 1966: Mauritania: Akjoujt: USNM: 14 [14 - 14 - 14].

22 November 1966: Mauritania: Akjoujt: USNM: 2 [2 - 2 - 2].

18 April 1967: Mauritania: Garak: USNM: 1 [1 - 1 - 1].

1 May 1967: Mauritania: Garak: USNM: 2 [2 - 2 - 2].

Total Specimens for Harvey, D.E.: 58

Hasselquist

Collection Date Unknown: Egypt: Giza [=Gizeh]: ZMUC: 1 [1 - 1 - 1].

Total Specimens for Hasselquist: 1

Haug

14 October 1906: Gabon: N'Gomo Ogooue: MNHN: 1 [1 - 1 - 1].

Total Specimens for Haug: 1

Hawker, R. McDonald

Collection Date Unknown: Sudan: Kaka: BMNH: 1 [1] - Renk: BMNH: 1 [1 - 2 - 2].**14 November 1897:** Somalia: Hargeisa: BMNH: 1 [1 - 1 - 1].**19 March 1901:** Sudan: Kaka: BMNH: 3 [3 - 3 - 3].**13 May 1901:** Sudan: Renk: BMNH: 1 [1 - 1 - 1].**Total Specimens for Hawker, R. McDonald: 7**

Hayward, Bruce J.

Collection Date Unknown: Ghana: Legon [Botanical Garden]: USNM: 8 [8 - 8].

Kenya: Athi river, 6 mi S: USNM: 1 [1] - Elgon, Mount: WNMU: 1 [1] - Karen: USNM: 1 [1] - Kiboko: USNM: 3 [3] - Kibwezi: USNM: 4 [4] - Kitale: USNM: 18 [18] - Kitale, 12 mi W: USNM: 12 [12] - Kongelai, 12 mi W: USNM: 6 [6] - Kongelai, 3 mi S: USNM: 4 [4] - Nakuchett: USNM: 1 [1] - Nakuru, 2 mi S: USNM: 1 [1] - Sigor, 2 mi S: WNMU: 1 [1 - 53].

South Africa: Uvongo: WNMU: 4 [4] - Uvongo Beach, in Eucalyptus plantation: FMNH: 1 [1 - 5].

Uganda: Amudat: USNM: 3 [3 - 3 - 69].

28 July 1963: Kenya: Elgon, Mount: WNMU: 1 [1 - 1 - 1].**20 April 1964:** Kenya: Ferguson's Gulf: CM: 4 [4 - 4 - 4].**15 June 1965:** Kenya: Magadi: WNMU: 1 [1] - Ngong Hills: FMNH: 1 [1 - 2 - 2].**23 June 1965:** Kenya: Karen: FMNH: 2 [2 - 2 - 2].**18 July 1965:** Kenya: Elgon, Mount: WNMU: 1 [1 - 1 - 1].**22 July 1965:** Kenya: Kapenguria: FMNH: 1 [1 - 1 - 1].**5 August 1965:** Ghana: Nkawkaw, 1 mi N: USNM: 1 [1 - 1 - 1].**27 August 1965:** Kenya: Ferguson's Gulf: CM: 1 [1 - 1 - 1].**19 July 1967:** Ghana: Legon [Botanical Garden]: USNM: 2 [2 - 2 - 2].**22 July 1967:** Ghana: Legon [Botanical Garden]: USNM: 3 [3 - 3 - 3].**23 July 1967:** Ghana: Legon [Botanical Garden]: USNM: 4 [4 - 4 - 4].**25 July 1967:** Ghana: Legon [Botanical Garden]: USNM: 1 [1 - 1 - 1].**26 July 1967:** Ghana: Legon [Botanical Garden]: USNM: 1 [1 - 1 - 1].**27 July 1967:** Ghana: Legon [Botanical Garden]: USNM: 10 [10 - 10 - 10].**28 July 1967:** Ghana: Legon [Botanical Garden]: USNM: 4 [4 - 4 - 4].**1 August 1967:** Ghana: Legon [Botanical Garden]: USNM: 1 [1 - 1 - 1].**2 August 1967:** Ghana: Legon [Botanical Garden]: USNM: 2 [2 - 2 - 2].**5 August 1967:** Ghana: Nkawkaw, 1 mi N: USNM: 9 [9 - 9 - 9].**6 August 1967:** Ghana: Nkawkaw, 1 mi N: USNM: 1 [1 - 1 - 1].**12 August 1967:** Ghana: Nkawkaw, 1 mi N: USNM: 2 [2 - 2 - 2].**17 August 1967:** Ghana: Jukwa: USNM: 2 [2] - Saruwi river: USNM: 2 [2 - 4 - 4].**18 August 1967:** Ghana: Jukwa: USNM: 5 [5] - Saruwi river: USNM: 2 [2 - 7 - 7].**19 August 1967:** Ghana: Saruwi river: USNM: 1 [1 - 1 - 1].**20 August 1967:** Ghana: Jukwa: USNM: 1 [1 - 1 - 1].**21 August 1967:** Ghana: Jukwa: USNM: 1 [1 - 1 - 1].**25 August 1967:** Ghana: Axim: USNM: 10 [10] - Prince's Town, 7 mi N: USNM: 1 [1 - 11 - 11].**29 August 1967:** Ghana: Anum, 4 mi S: USNM: 7 [7] - Bame: USNM: 5 [5 - 12 - 12].**23 June 1968:** Kenya: Naivasha, 10 mi W: USNM: 2 [2 - 2 - 2].**29 June 1968:** Kenya: Karen: USNM: 1 [1 - 1 - 1].**5 July 1968:** Kenya: Kiboko: USNM: 1 [1 - 1 - 1].**12 July 1968:** Kenya: Kibwezi: USNM: 1 [1 - 1 - 1].**16 July 1968:** Kenya: Karen, 10 mi SW: USNM: 2 [2 - 2 - 2].**18 July 1968:** Kenya: Karen, 10 mi SW: USNM: 5 [5 - 5 - 5].**27 July 1968:** Kenya: Kitale: USNM: 1 [1 - 1 - 1].**29 July 1968:** Kenya: Kitale, 12 mi W: USNM: 1 [1 - 1 - 1].**30 July 1968:** Kenya: Kitale, 12 mi W: USNM: 1 [1 - 1 - 1].**5 August 1968:** Uganda: Amudat: USNM: 3 [3 - 3 - 3].**6 August 1968:** Uganda: Amudat: USNM: 2 [2 - 2 - 2].**11 August 1968:** Kenya: Kitale: USNM: 1 [1 - 1 - 1].**24 August 1968:** Kenya: Maji Mota: USNM: 2 [2 - 2 - 2].**25 August 1968:** Kenya: Maji Mota: USNM: 1 [1 - 1 - 1].**17 August 1971:** South Africa: Uvongo: WNMU: 2 [2 - 2 - 2].**21 August 1971:** South Africa: Uvongo: WNMU: 2 [2 - 2 - 2].**23 August 1971:** South Africa: Uvongo: WNMU: 1 [1 - 1 - 1].**29 August 1971:** South Africa: Uvongo: WNMU: 2 [2 - 2 - 2].**30 August 1971:** South Africa: Uvongo: WNMU: 1 [1 - 1 - 1].**31 August 1971:** South Africa: Uvongo: WNMU: 2 [2 - 2 - 2].**3 August 1974:** Zimbabwe: Hwange [=Wankie] National Park: FMNH: 1 [1 - 1 - 1].**6 August 1974:** Zimbabwe: Wankie National Park: FMNH: 1 [1 - 1 - 1].**Total Specimens for Hayward, Bruce J.: 195**

Hearst, M.G.

16 March 1970: Morocco: Tata, 8 km N: USNM: 2 [2 - 2 - 2].

- 5 May 1970:** Morocco: Tiflet, 21 km W: USNM: 3 [3 - 3 - 3].
16 July 1970: Morocco: Tata, 8 km N: USNM: 1 [1 - 1 - 1].
18 July 1970: Morocco: Ouarzazate, 19 km E: USNM: 13 [13 - 13 - 13].
19 July 1970: Morocco: Ouarzazate, 19 km E: USNM: 12 [12 - 12 - 12].
18 September 1970: Morocco: Ouarzazate, 19 km E: USNM: 1 [1 - 1 - 1].

Total Specimens for Hearst, M.G.: 32

Heck, J.

- Collection Date Unknown:** Congo (Democratic Republic of the): Albertville [=Kalemie]: RMCA: 1 [1] - Mahagi Port: BMNH: 1 [1 - 2 - 2].

Total Specimens for Heck, J.: 2

Hedenborg

- Collection Date Unknown:** Sudan: Sennar [=Sennaar]: ZMB: 1 [1 - 1 - 1].

Total Specimens for Hedenborg: 1

Hediger and Verschuren, Jacques

- 5 April 1948:** Congo (Democratic Republic of the): Gangala-na-Bodio: KBIN: 1 [1 - 1 - 1].
9 April 1948: Congo (Democratic Republic of the): Gangala-na-Bodio: KBIN: 1 [1 - 1 - 1].
16 April 1948: Congo (Democratic Republic of the): Wilibadi river: KBIN: 4 [4 - 4 - 4].
6 May 1948: Congo (Democratic Republic of the): Gangala-na-Bodio: KBIN: 1 [1 - 1 - 1].
7 May 1948: Congo (Democratic Republic of the): Gangala-na-Bodio: KBIN: 1 [1 - 1 - 1].

Total Specimens for Hediger and Verschuren, Jacques: 8

Heinrich, G.

- 26 November 1954:** Angola: Huila: FMNH: 1 [1 - 1 - 1].
31 December 1954: Angola: Huila: FMNH: 1 [1 - 1 - 1].

Total Specimens for Heinrich, G.: 2

Heinrich, Gerd H.

- 3 October 1954:** Angola: Moco, mount: FMNH: 1 [1 - 1 - 1].
2 December 1954: Angola: Huila: FMNH: 1 [1 - 1 - 1].
28 December 1954: Angola: Huila: FMNH: 1 [1 - 1 - 1].
29 December 1954: Angola: Huila: FMNH: 1 [1 - 1 - 1].
30 December 1954: Angola: Huila: FMNH: 1 [1 - 1 - 1].
31 December 1954: Angola: Huila: FMNH: 1 [1 - 1 - 1].
2 April 1955: Angola: Canzale: FMNH: 1 [1 - 1 - 1].
18 September 1957: Angola: Roça Cansele: YPM: 2 [2 - 2 - 2].
21 March 1958: Angola: Carumba lake: YPM: 1 [1 - 1 - 1].

Total Specimens for Heinrich, Gerd H.: 10

Heist, T.A.

- 4 May 1964:** South Africa: Manguzi village: USNM: 1 [1 - 1 - 1].

Total Specimens for Heist, T.A.: 1

Heisterberg, J.F.

- 12 September 1972:** Burkina Faso: Nobéré, 1 km S: USNM: 1 [1 - 1 - 1].
17 November 1972: Burkina Faso: Nobéré, 1 km S: USNM: 1 [1 - 1 - 1].
27 November 1972: Burkina Faso: Nobéré, 1 km S: USNM: 1 [1 - 1 - 1].
14 December 1972: Burkina Faso: Nobéré, 1 km S: USNM: 1 [1 - 1 - 1].

Total Specimens for Heisterberg, J.F.: 4

Heller, Edmund

- Collection Date Unknown:** Kenya: Marsabit road: USNM: 1 [1] - Taita: USNM: 1 [1 - 2 - 2].
14 December 1905: Kenya: Lukenya, mount: FMNH: 1 [1 - 1 - 1].
27 December 1905: Kenya: Lukenya, mount: FMNH: 1 [1 - 1 - 1].
1 March 1910: Sudan: Bor: USNM: 4 [4 - 4 - 4].
2 March 1910: Sudan: Bor: USNM: 4 [4 - 4 - 4].
22 March 1910: Sudan: Khartoum: USNM: 1 [1 - 1 - 1].

22 July 1911: Kenya: Merelle Water: USNM: 1 [1 - 1 - 1].
 26 August 1911: Kenya: Gargues, mount [summit]: USNM: 3 [3 - 3 - 3].
 27 December 1911: Kenya: Mazeras: USNM: 2 [2 - 2 - 2].
 16 April 1925: Congo (Democratic Republic of the): Batala's Village: ZMUC: 3 [3 - 3 - 3].

Total Specimens for Heller, Edmund: 22

Heller, K.G. and Volleth, Marianne

Collection Date Unknown: Congo (Democratic Republic of the): Irangi: SMF: 3 [3 - 3].
 Rwanda: Nyungwe forest reserve: SMF: 1 [1 - 1 - 4].

Total Specimens for Heller, K.G. and Volleth, Marianne: 4

Helmy, Ibrahim

4 July 1979: Egypt: Edfu: CM: 7 [7 - 7 - 7].
 8 August 1979: Egypt: Edfu: CM: 2 [2 - 2 - 2].

Total Specimens for Helmy, Ibrahim: 9

Hemprich & Ehrenberg

Collection Date Unknown: Egypt: no specific locality: ZMB: 13 [13] - Sakhara [=Saqqara]: ZMB: 1 [1] - Sakkhara [=Saqqara]:
 ZMB: 1 [1 - 15 - 15].

Total Specimens for Hemprich & Ehrenberg: 15

Hendrickx, F.L.

Collection Date Unknown: Congo (Democratic Republic of the): Mulungu: RMCA: 3 [3 - 3 - 3].
 1 December 1946: Congo (Democratic Republic of the): Kakondo: RMCA: 1 [1 - 1 - 1].
 12 February 1947: Congo (Democratic Republic of the): Muhungu: RMCA: 1 [1 - 1 - 1].
 16 September 1950: Congo (Democratic Republic of the): Tshibinda: RMCA: 1 [1 - 1 - 1].

Total Specimens for Hendrickx, F.L.: 6

Hendunan

19 December 1934: South Africa: Alice: KM: 1 [1 - 1 - 1].

Total Specimens for Hendunan: 1

Hendy, Q.B.

Collection Date Unknown: South Africa: Republic of South Africa: OSU: 1 [1 - 1 - 1].

Total Specimens for Hendy, Q.B.: 1

Henrion, M.

Collection Date Unknown: Congo (Democratic Republic of the): Nepoko river: RMCA: 1 [1 - 1 - 1].

Total Specimens for Henrion, M.: 1

Hepplewhite, R.D.

24 November 1965: Botswana: Lethlakeng, 11 mi SE: USNM: 2 [2 - 2 - 2].
 25 November 1965: Botswana: Lethlakeng, 11 mi SE: USNM: 2 [2 - 2 - 2].
 26 September 1966: South Africa: Nelspruit, 4 mi E, 2 mi S: USNM: 2 [2 - 2 - 2].

Total Specimens for Hepplewhite, R.D.: 6

Herbert, H.J.

Collection Date Unknown: Botswana: Drodsky cave: USNM: 7 [7 - 7].
 Mozambique: Mague, new: USNM: 3 [3 - 3].
 Nigeria: Sokoto: USNM: 1 [1] - Zaria, 15 mi NW: USNM: 2 [2 - 3 - 13].
 9 August 1964: Mozambique: Vila Gamito: USNM: 6 [6 - 6 - 6].
 22 September 1964: Mozambique: Aldeia Chiuta [= Chiuta, Chuta]: USNM: 5 [5 - 5 - 5].
 10 April 1965: Botswana: Drodsky cave: USNM: 1 [1 - 1 - 1].
 26 April 1965: Botswana: Nata: USNM: 1 [1 - 1 - 1].
 10 March 1966: Nigeria: Calabar, 15 mi N: USNM: 1 [1 - 1 - 1].
 8 April 1966: Nigeria: Dikwa, 31 mi NE: USNM: 2 [2 - 2 - 2].

10 April 1966: Nigeria: Dikwa, 31 mi NE: USNM: 8 [8 - 8 - 8].
9 May 1966: Nigeria: Sokoto, 12 mi N: USNM: 2 [2 - 2 - 2].
10 May 1966: Nigeria: Sokoto, 12 mi N: USNM: 4 [4 - 4 - 4].
15 May 1966: Nigeria: Zaria, 7 mi NW: USNM: 1 [1 - 1 - 1].
11 April 1967: South Africa: Newington, 11 km N: TM: 1 [1 - 1 - 1].
1 May 1967: South Africa: : TM: 1 [1 - 1 - 1].
19 June 1967: South Africa: Acornhoek: TM: 1 [1 - 1 - 1].
20 March 1972: Zimbabwe: Wankie National Park: NHMZ: 1 [1 - 1 - 1].
17 July 1979: Libya: Kouf Park lodge, 3 km S: CM: 1 [1 - 1 - 1].

Total Specimens for Herbert, H.J.: 49

Herdson, D.

Collection Date Unknown: Senegal: Senegal: BMNH: 1 [1 - 1 - 1].

Total Specimens for Herdson, D.: 1

Herholdt, E. and Weber, S.

2 March 1988: South Africa: Waterberg, Farm Klipfontein 54JS: TM: 1 [1 - 1 - 1].
2 March 1989: South Africa: Waterberg, Farm Klipfontein 54JS: TM: 3 [3 - 3 - 3].

Total Specimens for Herholdt, E. and Weber, S.: 4

Herholdt, E.M.

27 February 1990: South Africa: Soutpansberg [= Zoutpansberg], Entabeni State Forest: TM: 9 [9 - 9 - 9].
25 January 1996: South Africa: Soutpansberg [= Zoutpansberg], Entabeni State Forest: TM: 1 [1 - 1 - 1].

Total Specimens for Herholdt, E.M.: 10

Herholdt, K.

Collection Date Unknown: South Africa: Shashi-Limpopo River confluence: TM: 3 [3 - 3 - 3].

Total Specimens for Herholdt, K.: 3

Herselman, J.C.

Collection Date Unknown: South Africa: Norlim mine [=Buxton mine]: KM: 5 [5] - Rocher Pan Nature Reserve [=Rocher pan, Rocherpan]: KM: 1 [1 - 6 - 6].

Total Specimens for Herselman, J.C.: 6

Herselmann, J.

1 November 1978: South Africa: De Hoop Provincial Nature Reserve: TM: 12 [12 - 12 - 12].

Total Specimens for Herselmann, J.: 12

Herzog, A.T.M.

Collection Date Unknown: Congo (Democratic Republic of the): Duma: SMF: 1 [1 - 1 - 1].
1 December 1910: Chad: Chari delta: SMF: 1 [1 - 1 - 1].
20 April 1911: Chad: Melfi: SMF: 5 [5 - 5 - 5].
13 May 1911: Cameroon: Marua: SMF: 1 [1 - 1 - 1].

Total Specimens for Herzog, A.T.M.: 8

Hesse, P.

Collection Date Unknown: Congo (Democratic Republic of the): Boma: SMF: 1 [1] - Netonna: SMF: 3 [3 - 4 - 4].
1 January 1889: Congo (Democratic Republic of the): Banana: SMF: 1 [1 - 1 - 1].

Total Specimens for Hesse, P.: 5

Hesselbarth

Collection Date Unknown: Cameroon: Victoria: ZMB: 1 [1 - 1 - 1].

Total Specimens for Hesselbarth: 1

Heuglin, Theodor (Dr.)

Collection Date Unknown: Eritrea: Keren: SMNS: 2, ZMB: 1 [3 - 3].

Ethiopia: Abyssinia: ZMB: 1 [1] - Adowa: SMNS: 2 [2] - Bellegas-Thal zwischen Simehn und Woggara [=Tal des Belegaz/Belghe]: NMW: 1 [1 - 4].

Sudan: Sennar [=Sennaar]: ZMB: 1 [1 - 1 - 8].

Total Specimens for Heuglin, Theodor (Dr.): 8

Heuglin, Theodor (Dr.). [ex Museum Stuttgart]

Collection Date Unknown: Ethiopia: Abyssinia: ZMB: 2 [2 - 2 - 2].

Total Specimens for Heuglin, Theodor (Dr.). [ex Museum Stuttgart]: 2

Heusgens, Dr.

Collection Date Unknown: Congo (Democratic Republic of the): Congo: RMCA: 1 [1 - 1 - 1].

23 February 1932: Congo (Democratic Republic of the): Mweka: RMCA: 1 [1 - 1 - 1].

Total Specimens for Heusgens, Dr.: 2

Heymons

Collection Date Unknown: Algeria: Biskra: ZMB: 4 [4 - 4 - 4].

Total Specimens for Heymons: 4

Heyneke, B.R.T.

18 June 1940: South Africa: Wildeharthoek: TM: 1 [1 - 1 - 1].

Total Specimens for Heyneke, B.R.T.: 1

Hickman, J.

Collection Date Unknown: Sierra Leone: Sierra Leone: BMNH: 1 [1 - 1 - 1].

Total Specimens for Hickman, J.: 1

Hiernaux, J.

12 September 1946: Congo (Democratic Republic of the): Teturi: KBIN: 1 [1 - 1 - 1].

23 March 1947: Congo (Democratic Republic of the): Teturi: KBIN: 1 [1 - 1 - 1].

24 March 1947: Congo (Democratic Republic of the): Teturi: KBIN: 2 [2 - 2 - 2].

24 May 1948: Congo (Democratic Republic of the): Teturi: KBIN: 1 [1 - 1 - 1].

25 May 1948: Congo (Democratic Republic of the): Teturi: KBIN: 1 [1 - 1 - 1].

17 September 1948: Congo (Democratic Republic of the): Teturi: KBIN: 1 [1 - 1 - 1].

Total Specimens for Hiernaux, J.: 7

Higgins

Collection Date Unknown: Namibia: Damaraland: ZMB: 3 [3 - 3 - 3].

Total Specimens for Higgins: 3

Hildebrandt, J.M.

Collection Date Unknown: Comoro Islands: Anjouan island: ZMB: 3 [3] - Comoro Islands: ZMB: 1 [1 - 4].

Kenya: Kitui: ZMB: 4 [4] - Mombas [=Mombassa]: ZMB: 9 [9] - Ndi: ZMB: 8 [8] - Taita: BMNH: 2 [2] - Ukamba [=Kitui]: ZMB: 2 [2 - 25].

Madagascar: Antesperanana: ZMB: 3 [3] - Betsileo: ZMB: 3 [3] - NW Madagascar: ZMB: 1 [1 - 7].

Somalia: Barawa: ZMB: 1 [1 - 1].

Tanzania: Zanzibar: ZMB: 1 [1 - 1].

Unknown country: Kotur: ZMB: 2 [2 - 2 - 40].

Total Specimens for Hildebrandt, J.M.: 40

Himmelheber, H.

Collection Date Unknown: Liberia: Kpeape: SMF: 3 [3 - 3 - 3].

Total Specimens for Himmelheber, H.: 3

Hinde, Hildegard (Mrs.)

3 January 1901: Kenya: Kitui: BMNH: 1 [1 - 1 - 1].
 25 January 1902: Kenya: Fort Hall: BMNH: 1 [1 - 1 - 1].
 17 October 1902: Kenya: Fort Hall: BMNH: 1 [1 - 1 - 1].
 1 January 1903: Kenya: Fort Hall: BMNH: 1 [1 - 1 - 1].

Total Specimens for Hinde, Hildegard (Mrs.): 4

Hinde, S.L. (dr.)

Collection Date Unknown: Kenya: Fort Hall: BMNH: 1 [1] - Machakos district: BMNH: 1 [1] - Muranga: BMNH: 3 [3 - 5 - 5].
 26 November 1900: Kenya: Kitui: BMNH: 1 [1 - 1 - 1].
 7 January 1901: Kenya: Kitui: BMNH: 1 [1 - 1 - 1].
 14 February 1901: Kenya: Kitui: BMNH: 1 [1 - 1 - 1].
 11 July 1901: Kenya: Machakos district: BMNH: 1 [1 - 1 - 1].
 26 January 1902: Kenya: Fort Hall: BMNH: 1 [1 - 1 - 1].
 6 February 1902: Kenya: Fort Hall [=Muranga]: BMNH: 1 [1 - 1 - 1].
 20 November 1902: Kenya: Muranga: BMNH: 1 [1 - 1 - 1].
 18 April 1903: Kenya: Muranga: BMNH: 1 [1 - 1 - 1].
 12 June 1903: Kenya: Muranga: BMNH: 1 [1 - 1 - 1].
 20 June 1903: Kenya: Muranga: BMNH: 1 [1 - 1 - 1].

Total Specimens for Hinde, S.L. (dr.): 15

Hintz

Collection Date Unknown: Guinea-Bissau: Bissau [island]: ZMB: 1 [1 - 1 - 1].

Total Specimens for Hintz: 1

Hirsch

Collection Date Unknown: Kenya: Mombas [=Mombassa]: ZMB: 1 [1 - 1 - 1].

Total Specimens for Hirsch: 1

Hirst, A.S.

Collection Date Unknown: Egypt: Luxor: BMNH: 1 [1 - 1 - 1].

Total Specimens for Hirst, A.S.: 1

Hist, H.

25 October 1926: Ethiopia: Sanfords Ranch: TM: 1 [1 - 1 - 1].

Total Specimens for Hist, H.: 1

HJH

11 April 1967: South Africa: : TM: 1 [1 - 1 - 1].

Total Specimens for HJH: 1

Hobbard, C.H.

Collection Date Unknown: Tanzania: Amani: TM: 1 [1 - 1 - 1].

Total Specimens for Hobbard, C.H.: 1

Hobson, L. and Shortridge, Guy C. (Capt.)

Collection Date Unknown: South Africa: Louisvale: BMNH: 1 [1 - 1 - 1].

Total Specimens for Hobson, L. and Shortridge, Guy C. (Capt.): 1

Hoepen, V. (Dr.)

24 November 1921: South Africa: John Nash Nature Reserve [=Jack Scott Private Nature Reserve], American cave: TM: 1 [1 - 1 - 1].

Total Specimens for Hoepen, V. (Dr.): 1

Hoesch, W

Collection Date Unknown: Namibia: Otjosongombe: BMNH: 1 [1 - 1 - 1].

Total Specimens for Hoesch, W: 1

Hoesch, W.

Collection Date Unknown: Namibia: Namibia: FMNH: 1 [1] - Okahandja: FMNH: 1 [1] - Osjitambi farm: FMNH: 1 [1 - 3 - 3].

15 March 1934: Namibia: Okahandja: ZFMK: 1 [1 - 1 - 1].

31 March 1934: Namibia: Okahandja: ZFMK: 1 [1 - 1 - 1].

3 April 1934: Namibia: Okahandja: ZFMK: 1 [1 - 1 - 1].

4 April 1934: Namibia: Okahandja: ZFMK: 1 [1 - 1 - 1].

16 February 1959: Namibia: Felseneck/Naukluft: ZFMK: 1 [1 - 1 - 1].

18 February 1959: Namibia: Felseneck/Naukluft: ZFMK: 4 [4 - 4 - 4].

Total Specimens for Hoesch, W.: 12

Hoffmann

Collection Date Unknown: Tanzania: Tumbatu Island: ZMB: 1 [1 - 1 - 1].

Total Specimens for Hoffmann: 1

Hofmann, K

Collection Date Unknown: Mozambique: Inhaminga: SMF: 1 [1 - 1 - 1].

Total Specimens for Hofmann, K: 1

Hogan, L.

Collection Date Unknown: South Africa: Durban North: DNSM: 1 [1 - 1 - 1].

Total Specimens for Hogan, L.: 1

Holliday, C.S.

15 June 1959: Tanzania: Kalambo Falls: NHMZ: 1 [1 - 1 - 1].

Total Specimens for Holliday, C.S.: 1

Holloway, Geoffrey

Collection Date Unknown: South Africa: Makapansgat, Historic Cave: TM: 1 [1 - 1 - 1].

Total Specimens for Holloway, Geoffrey: 1

Holub

Collection Date Unknown: Zimbabwe: Zambesidal: SMNS: 1 [1 - 1 - 1].

Total Specimens for Holub: 1

Hood D

10 August 2002: South Africa: Timbavati: TM: 1 [1 - 1 - 1].

10 September 2002: South Africa: Timbavati: TM: 1 [1 - 1 - 1].

Total Specimens for Hood D: 2

Hoogmoed

11 May 1972: Ghana: Kpaudu: RMNH: 1 [1 - 1 - 1].

Total Specimens for Hoogmoed: 1

Hoogstraal, Harry H.

Collection Date Unknown: Djibouti: Ali-Sabieh: FMNH: 1 [1 - 1].

Egypt: Abu Rawash: USNM: 11 [11] - Kafr Dawud: USNM: 5 [5] - Kom Hamada: USNM: 5 [5] - Kom O Shim: USNM: 2 [2] - Saqqara: USNM: 8 [8 - 31].

Sudan: Torit: USNM: 6 [6 - 6 - 38].

15 April 1948: Sudan: Kapoeta: USNM: 1 [1 - 1 - 1].

- 27 November 1949: Sudan: Torit: FMNH: 2 [2 - 2 - 2].
 5 December 1949: Sudan: Torit: FMNH: 2 [2 - 2 - 2].
 8 December 1949: Sudan: Torit: FMNH: 1 [1 - 1 - 1].
 8 February 1950: Sudan: Torit: FMNH: 1 [1 - 1 - 1].
 20 May 1950: Egypt: : FMNH: 2 [2 - 2 - 2].
 7 June 1950: Djibouti: Ali-Sabieh: FMNH: 1 [1 - 1 - 1].
 25 June 1950: Egypt: Kom Hamada: FMNH: 1 [1 - 1 - 1].
 4 July 1950: Djibouti: Djibouti: FMNH: 1 [1 - 1 - 1].
 6 July 1950: Djibouti: Ali-Sabieh: FMNH: 1 [1 - 1 - 1].
 12 March 1951: Egypt: Abu Rawash: USNM: 1 [1 - 1 - 1].
 14 March 1951: Egypt: Gizeh piramide: FMNH: 1 [1 - 1 - 1].
 16 March 1951: Egypt: Saqqara: FMNH: 1 [1 - 1 - 1].
 20 January 1952: Sudan: Lawudo: FMNH: 1 [1 - 1 - 1].
 7 July 1953: Egypt: Sinnuris: FMNH: 2 [2 - 2 - 2].
 18 February 1955: Egypt: Abu Rawash: FMNH: 1 [1 - 1 - 1].
 24 July 1956: Tanzania: Arusha, 6 mi S: FMNH: 3 [3] - Arusha, 8 mi S: FMNH: 1 [1 - 4 - 4].
 30 December 1958: Egypt: Abu Rawash: FMNH: 1 [1 - 1 - 1].
 8 May 1959: Egypt: Abu Rawash: USNM: 2 [2 - 2 - 2].
 8 October 1960: Egypt: Zawyet Umm El Rakham, 0.5 mi: FMNH: 1 [1 - 1 - 1].
 17 January 1962: Egypt: Abu Rawash: FMNH: 1 [1 - 1 - 1].
 9 May 1962: Egypt: Bahig: FMNH: 1 [1 - 1 - 1].
 30 October 1963: Egypt: Port Said, 10 mi S: FMNH: 3 [3 - 3 - 3].
 10 October 1964: Egypt: Aswan governate: FMNH: 1 [1 - 1 - 1].
 19 December 1964: Egypt: Alexandria: FMNH: 1 [1 - 1 - 1].
 29 December 1964: Egypt: Burgh-El-Arab: FMNH: 1 [1 - 1 - 1].
 11 January 1965: Egypt: El Badrshein: FMNH: 11 [11 - 11 - 11].
 25 February 1966: Egypt: Aswan governate: FMNH: 1 [1 - 1 - 1].
 8 September 1966: Egypt: Dandarah: FMNH: 3 [3 - 3 - 3].
 21 February 1967: Sudan: Telaweit: FMNH: 1 [1 - 1 - 1].
 24 September 1967: Egypt: Zawyet Umm El Rakham: FMNH: 4 [4 - 4 - 4].

Total Specimens for Hoogstraal, Harry H.: 94

Hoogstraal, Harry H. and Kaiser, M.N.

- 11 March 1956: Egypt: El Qasr: FMNH: 3 [3 - 3 - 3].
 2 December 1957: Egypt: Abu Rawash: FMNH: 1 [1 - 1 - 1].

Total Specimens for Hoogstraal, Harry H. and Kaiser, M.N.: 4

Hoogstraal, Harry H. and Uilenberg, G.

- 13 May 1968: Madagascar: Ampara Fara: FMNH: 1 [1 - 1 - 1].
 14 May 1968: Madagascar: Ampara Fara: FMNH: 2 [2 - 2 - 2].

Total Specimens for Hoogstraal, Harry H. and Uilenberg, G.: 3

Hopper, L. (dr.)

- Collection Date Unknown: South Africa: Excelcior: HZM: 2 [2 - 2 - 2].

Total Specimens for Hopper, L. (dr.): 2

Horn, A.

- 5 April 1909: Tanzania: Tanzania: NMW: 1 [1 - 1 - 1].

Total Specimens for Horn, A.: 1

Horne, J. and Howell, K.M.

- Collection Date Unknown: Kenya: Ferguson's Gulf: BMNH: 1 [1 - 1 - 1].
 30 June 1972: Kenya: Central island: BMNH: 1 [1 - 1 - 1].

Total Specimens for Horne, J. and Howell, K.M.: 2

Hornung, Dr.

- Collection Date Unknown: Egypt: Cairo: CAS: 1 [1 - 1 - 1].

Total Specimens for Hornung, Dr.: 1

Horwood Keith, Fernsby Nigel

- 12 June 2005: South Africa: Chartwell: TM: 1 [1 - 1 - 1].

Total Specimens for Horwood Keith, Fernsby Nigel: 1

Hösemann

Collection Date Unknown: Tanzania: Ujji: ZMB: 5 [5 - 5 - 5].**Total Specimens for Hösemann: 5**

Houy

Collection Date Unknown: Cameroon: Ngia: ZMB: 1 [1 - 1 - 1].**Total Specimens for Houy: 1**

Houy and Meyer

Collection Date Unknown: Tanzania: Ussagara [=Usagara]: ZMB: 2 [2 - 2 - 2].**Total Specimens for Houy and Meyer: 2**

Houy, Lagone, Grenz

Collection Date Unknown: Chad: Goré: ZMB: 1 [1 - 1 - 1].**Total Specimens for Houy, Lagone, Grenz: 1**

Howell, K.M.

Collection Date Unknown: Tanzania: Lake Manyara National Park: SMF: 1 [1] - Mwanihana Forest: SMF: 1 [1 - 2 - 2].**9 March 1971:** Tanzania: Kisarawe: USNM: 1 [1 - 1 - 1].**2 December 1971:** Tanzania: Kisarawe: BMNH: 1 [1 - 1 - 1].**10 January 1972:** Tanzania: Kisarawe: BMNH: 1 [1 - 1 - 1].**11 January 1981:** Tanzania: Mwanihana forest: SMF: 2 [2 - 2 - 2].**20 February 1981:** Tanzania: Ambangulu Estate: SMF: 1 [1 - 1 - 1].**10 April 1983:** Tanzania: Mikumi National Park H.Q.: SMF: 1 [1 - 1 - 1].**17 April 1984:** Tanzania: Mwanihana forest: SMF: 1 [1 - 1 - 1].**1 September 1984:** Tanzania: Gibbs farm: SMF: 1 [1 - 1 - 1].**16 April 1986:** Tanzania: Mikumi National Park H.Q.: SMF: 1 [1 - 1 - 1].**11 May 1986:** Tanzania: Manyara, Lake: SMF: 1 [1 - 1 - 1].**28 July 1986:** Tanzania: Mangola: SMF: 1 [1 - 1 - 1].**17 July 1987:** Tanzania: Minziro forest: SMF: 1 [1 - 1 - 1].**22 October 1992:** Tanzania: Tong'amba forest reserve: SMF: 1 [1 - 1 - 1].**Total Specimens for Howell, K.M.: 16**

Howell, K.M. and Harly

3 September 1984: Tanzania: Mongola: SMF: 1 [1 - 1 - 1].**Total Specimens for Howell, K.M. and Harly: 1**

Howell, K.M. and Mihok, S

24 April 1980: Tanzania: Uluguru Mts., Morningside: SMF: 1 [1 - 1 - 1].**Total Specimens for Howell, K.M. and Mihok, S: 1**

Howell, K.M. and Msunga, C.A.

Collection Date Unknown: Tanzania: Lake Manyara National Park: SMF: 1 [1 - 1 - 1].**Total Specimens for Howell, K.M. and Msunga, C.A.: 1**

Howell, K.M. and Msuya, C.A.

Collection Date Unknown: Tanzania: Pugu forest: ZMUC: 10 [10 - 10 - 10].**22 February 1973:** Tanzania: Kisarawe: USNM: 2 [2 - 2 - 2].**Total Specimens for Howell, K.M. and Msuya, C.A.: 12**

Howell, K.M. and Otindo, B.L.

25 June 1972: Tanzania: Dar es Salaam: BMNH: 1 [1 - 1 - 1].

Total Specimens for Howell, K.M. and Otindo, B.L.: 1

Howell, K.M. and Stuart, S.N.

Collection Date Unknown: Tanzania: Amani West Forest Reserve: BMNH: 1 [1 - 1 - 1].
21 January 1981: Tanzania: Mazumba Estate: SMF: 1 [1 - 1 - 1].

Total Specimens for Howell, K.M. and Stuart, S.N.: 2

Howell, K.M. and Wrangham, R.W.

12 December 1970: Tanzania: Gombe Stream National Park: BMNH: 1 [1 - 1 - 1].

Total Specimens for Howell, K.M. and Wrangham, R.W.: 1

Howell, T.M.

Collection Date Unknown: Tanzania: Lake Manyara National Park: SMF: 1 [1 - 1 - 1].

Total Specimens for Howell, T.M.: 1

Howes, C.

Collection Date Unknown: South Africa: Table Mountain, Platteklip: SAMC: 1 [1 - 1 - 1].

Total Specimens for Howes, C.: 1

Hubbard, C.A.

4 April 1962: Tanzania: Amani: TM: 1 [1 - 1 - 1].
1 May 1962: Tanzania: Amani: TM: 1 [1 - 1 - 1].

Total Specimens for Hubbard, C.A.: 2

Huisgens, Dr.

Collection Date Unknown: Congo (Democratic Republic of the): Mweka: RMCA: 1 [1 - 1 - 1].

Total Specimens for Huisgens, Dr.: 1

Hulsaert, R.P.

27 August 1929: Congo (Democratic Republic of the): Flandria: RMCA: 1 [1 - 1 - 1].

Total Specimens for Hulsaert, R.P.: 1

Hulsaert, R.P. and Leonet, R.P.

Collection Date Unknown: Congo (Democratic Republic of the): Bamanya: RMCA: 1 [1 - 1 - 1].

Total Specimens for Hulsaert, R.P. and Leonet, R.P.: 1

Hulselmans, Jan and Louette, Michel

12 September 1974: Cameroon: Koza: RMCA: 1 [1 - 1 - 1].
13 September 1974: Cameroon: Koza: RMCA: 1 [1 - 1 - 1].
14 September 1974: Cameroon: Koza: RMCA: 1 [1 - 1 - 1].
18 September 1974: Cameroon: Koza: RMCA: 2 [2 - 2 - 2].
19 September 1974: Cameroon: Koza: RMCA: 2 [2 - 2 - 2].
20 September 1974: Cameroon: Koza: RMCA: 1 [1 - 1 - 1].

Total Specimens for Hulselmans, Jan and Louette, Michel: 8

Hulselmans, Jan; Louette, Michel and Selens, M.

Collection Date Unknown: Cameroon: Tello: RMCA: 1 [1 - 1 - 1].
3 September 1974: Cameroon: Cameroon: RMCA: 1 [1 - 1 - 1].

Total Specimens for Hulselmans, Jan; Louette, Michel and Selens, M.: 2

Humboldt

Collection Date Unknown: Comoro Islands: Anjouan island: ZMB: 1 [1 - 1 - 1].

Total Specimens for Humboldt: 1

Humphreys, Eddie

Collection Date Unknown: South Africa: Rietondale, 177 Lys Street: TM: 1 [1 - 1 - 1].**Total Specimens for Humphreys, Eddie: 1**

Hunter in house

9 February 1992: Egypt: Abu Rawash: CM: 2 [2 - 2 - 2].**Total Specimens for Hunter in house: 2**

Hunter, H.C.V., Esq.

Collection Date Unknown: Kenya: Tana River: BMNH: 1 [1 - 1 - 1].**Total Specimens for Hunter, H.C.V., Esq.: 1**

Hupfer

Collection Date Unknown: Gabon: no specific locality: ZMB: 1 [1 - 1 - 1].**Total Specimens for Hupfer: 1**

Hürstel

Collection Date Unknown: Tanzania: Dar-es-Salaam: MZStrassbourg: 1 [1 - 1 - 1].**Total Specimens for Hürstel: 1**

Hutereau

Collection Date Unknown: Congo (Democratic Republic of the): Dungu: RMCA: 9 [9 - 9 - 9].**Total Specimens for Hutereau: 9**

Hutereau, M.

Collection Date Unknown: Congo (Democratic Republic of the): Uele River: BMNH: 1 [1 - 1 - 1].**Total Specimens for Hutereau, M.: 1**

Hutsebaut, J. (Rev. Fr.)

Collection Date Unknown: Congo (Democratic Republic of the): Buta: RMCA: 24 [24] - Dilolo: RMCA: 1 [1] - Ibembo: BMNH: 2 [2 - 27 - 27].**13 February 1950:** Congo (Democratic Republic of the): Ibembo: RMCA: 1 [1 - 1 - 1].**21 August 1951:** Congo (Democratic Republic of the): Ibembo: RMCA: 1 [1 - 1 - 1].**20 March 1956:** Congo (Democratic Republic of the): Bamanya: RMCA: 1 [1 - 1 - 1].**Total Specimens for Hutsebaut, J. (Rev. Fr.): 30**

Huyn, L. (Graf)

Collection Date Unknown: Ethiopia: Garairobi Lake: ZMB: 1 [1 - 1 - 1].**25 October 1930:** Ethiopia: Addis Ababa: ZFMK: 1 [1 - 1 - 1].**5 February 1931:** Ethiopia: Harairobo, lake: ZFMK: 5 [5 - 5 - 5].**Total Specimens for Huyn, L. (Graf): 7**

Hygiene Services of the Congo

28 December 1955: Congo (Democratic Republic of the): Mumene: BMNH: 2 [2 - 2 - 2].**Total Specimens for Hygiene Services of the Congo: 2**

Ife University

12 June 1965: Nigeria: Ibadan: FMNH: 2 [2 - 2 - 2].**Total Specimens for Ife University: 2**

Imperial Ethiopian Lightway Authority

Collection Date Unknown: Ethiopia: Vicinity of Addis Ababa: BMNH: 1 [1 - 1 - 1].

Total Specimens for Imperial Ethiopian Lightway Authority: 1

Ingersol, R.

Collection Date Unknown: Ethiopia: Dire Dawa, 3 km S: OSU: 3 [3 - 3 - 3].

29 December 1962: Ethiopia: Errer valley: OSU: 1 [1 - 1 - 1].

31 December 1962: Ethiopia: Errer valley: OSU: 3 [3 - 3 - 3].

3 March 1968: Ghana: Pulima: USNM: 1 [1 - 1 - 1].

Total Specimens for Ingersol, R.: 8

Ingle, W.J.E.

2 November 1970: Kenya: Kisii: BMNH: 1 [1 - 1 - 1].

Total Specimens for Ingle, W.J.E.: 1

Ingles, Jane M.

18 July 1962: Zambia: Chibembe pontoon, 1/2 mi S: BMNH: 1 [1 - 1 - 1].

20 July 1962: Zambia: Chibembe pontoon, 1/2 mi S: BMNH: 3 [3 - 3 - 3].

3 October 1965: Tanzania: Grummetti: BMNH: 1 [1 - 1 - 1].

12 October 1965: Tanzania: Seronera: BMNH: 1 [1 - 1 - 1].

Total Specimens for Ingles, Jane M.: 6

Innes, Walter (dr.)

Collection Date Unknown: Egypt: Cairo: BMNH: 1 [1 - 1 - 1].

Total Specimens for Innes, Walter (dr.): 1

Institut für Tropenkrankheiten

2 January 1907: "Africa": Tropical Africa: ZMH: 2 [2 - 2 - 2].

Total Specimens for Institut für Tropenkrankheiten: 2

Institut Pasteur

Collection Date Unknown: Central African Republic: Bangui: MNHN: 1 [1 - 1].

Morocco: Nafifik forest: MNHN: 1 [1 - 1 - 2].

Total Specimens for Institut Pasteur: 2

Institut Pasteur Dakar

Collection Date Unknown: "Senegal or Mauritania": : MNHN: 15 [15 - 15 - 15].

Total Specimens for Institut Pasteur Dakar: 15

Ionides, C.J.P.

Collection Date Unknown: Tanzania: Inwale: BMNH: 1 [1] - Likawage: BMNH: 1 [1] - Mwaya: BMNH: 1 [1] - Southern province: BMNH: 2 [2 - 5 - 5].

11 September 1950: Tanzania: Songea: BMNH: 1 [1 - 1 - 1].

11 December 1951: Tanzania: Liwale: HZM: 1 [1 - 1 - 1].

1 February 1953: Tanzania: Liwale: BMNH: 1 [1 - 1 - 1].

4 June 1953: Tanzania: Liwale: BMNH: 1 [1 - 1 - 1].

9 July 1953: Tanzania: Noamania: BMNH: 1 [1] - Zinga: BMNH: 1 [1 - 2 - 2].

13 July 1953: Tanzania: Southern province: BMNH: 2 [2] - Zinga: BMNH: 1 [1 - 3 - 3].

5 November 1953: Tanzania: Mbarangandu: BMNH: 1 [1 - 1 - 1].

19 December 1953: Tanzania: Tandamanga: BMNH: 3 [3 - 3 - 3].

11 January 1954: Tanzania: Namumbulu: BMNH: 4 [4 - 4 - 4].

13 January 1954: Tanzania: Likawage: BMNH: 6 [6 - 6 - 6].

16 January 1954: Tanzania: Mangangachi: BMNH: 1 [1 - 1 - 1].

20 January 1954: Tanzania: Songomano: BMNH: 1 [1 - 1 - 1].

1 February 1954: Tanzania: Nakibou: BMNH: 1 [1 - 1 - 1].

3 February 1954: Tanzania: Namithu Kilwa: BMNH: 1 [1 - 1 - 1].

6 February 1954: Tanzania: Liwale: BMNH: 1 [1 - 1 - 1].
10 April 1954: Tanzania: Liwale: SMF: 1 [1 - 1 - 1].
13 May 1954: Tanzania: Liwale: BMNH: 2 [2 - 2 - 2].
3 October 1955: Tanzania: Nanguale: BMNH: 3 [3 - 3 - 3].
26 May 1957: Tanzania: Liwale: HZM: 1 [1 - 1 - 1].
26 January 1958: Tanzania: Rondo Flat [forest]: HZM: 1 [1 - 1 - 1].
1 November 1958: Tanzania: Liwale: HZM: 1 [1 - 1 - 1].
11 February 1959: Tanzania: Rondo Flat [forest]: HZM: 2 [2 - 2 - 2].
27 December 1959: Tanzania: Newala: HZM: 2 [2 - 2 - 2].
12 November 1960: Tanzania: Newala: HZM: 1 [1 - 1 - 1].

Total Specimens for Ionides, C.J.P.: 47

Ipa, Shortridge

Collection Date Unknown: Namibia: Ombombo: ZMB: 1 [1 - 1 - 1].

Total Specimens for Ipa, Shortridge: 1

Ipa, Uhlenhuth

Collection Date Unknown: Ethiopia: Dire Dawa: ZMB: 3 [3 - 3 - 3].

Total Specimens for Ipa, Uhlenhuth: 3

Irvine, F.R. (Dr.)

Collection Date Unknown: Ghana: Accra: BMNH: 1 [1 - 1 - 1].

Total Specimens for Irvine, F.R. (Dr.): 1

Irwin, M. Stuart et al.

19 March 1970: Zimbabwe: Gleneagles Estate: NHMZ: 1 [1 - 1 - 1].

Total Specimens for Irwin, M. Stuart et al.: 1

Issel

Collection Date Unknown: Eritrea: Massaua [=Massawa]: ZMB: 1 [1 - 1 - 1].

Total Specimens for Issel: 1

Ithia, J.M.K.

24 July 1976: Kenya: Lukore area: ROM: 1 [1 - 1 - 1].
11 April 1980: Kenya: Muumandu: RMNH: 1 [1 - 1 - 1].
6 August 1985: Kenya: Muumandu: HZM: 1 [1 - 1 - 1].
16 August 1985: Kenya: Kamuuani: HZM: 1 [1 - 1 - 1].
7 February 1986: Kenya: Kamuuani: HZM: 1 [1 - 1 - 1].

Total Specimens for Ithia, J.M.K.: 5

J C Uys

20 March 1973: South Africa: Rochdale farm: TM: 1 [1 - 1 - 1].

Total Specimens for J C Uys: 1

J Meester D Steyman

27 April 1961: South Africa: Matupa Cave: TM: 1 [1 - 1 - 1].

Total Specimens for J Meester D Steyman: 1

Jachmann, H.

19 March 1982: Malawi: Lisanthu: ZMA: 1 [1 - 1 - 1].

Total Specimens for Jachmann, H.: 1

Jackson

10 December 1897: Uganda: Mengo: BMNH: 1 [1 - 1 - 1].

Total Specimens for Jackson: 1

Jackson, ?.J.

Collection Date Unknown: Kenya: Turkwell Gorge: BMNH: 1 [1 - 1 - 1].**Total Specimens for Jackson, ?.J.: 1**

Jackson, F.J., Esq.

Collection Date Unknown: Uganda: Entebbe: BMNH: 1 [1 - 1 - 1].**5 April 1893:** Uganda: Entebbe: BMNH: 1 [1 - 1 - 1].**Total Specimens for Jackson, F.J., Esq.: 2**

Jacobs, David

24 April 2006: South Africa: St. Lucia Wetland Park, Sugarloaf Camp Site: TM: 1 [1 - 1 - 1].**Total Specimens for Jacobs, David: 1**

Jacobs, M.

Collection Date Unknown: South Africa: Umhlanga Reserve: TM: 1 [1 - 1 - 1].**Total Specimens for Jacobs, M.: 1**

Jacobs, Sgts.

20 July 2001: South Africa: Komatipoort: TM: 3 [3 - 3 - 3].**Total Specimens for Jacobs, Sgts.: 3**

Jacobsen, N

16 June 1977: South Africa: Farm Modderfontein, Howel Davies Caves: TM: 3 [3 - 3 - 3].**Total Specimens for Jacobsen, N: 3**

Jacobsen, N.

Collection Date Unknown: South Africa: The Downs: TM: 2 [2 - 2 - 2].**18 April 1978:** South Africa: Brits: TM: 1 [1 - 1 - 1].**Total Specimens for Jacobsen, N.: 3**

Jacobsen, N.J.

Collection Date Unknown: South Africa: Nylsvlei Nature Reserve: TM: 1 [1] - Pilanesburg Nature Reserve, Old mine audit: TM: 1 [1 - 2 - 2].**Total Specimens for Jacobsen, N.J.: 2**

Jacobson, N.

1 June 1975: South Africa: The Downs [10 locs]: TM: 1 [1 - 1 - 1].**Total Specimens for Jacobson, N.: 1**

James, D.K.

Collection Date Unknown: Algeria: Pool: BMNH: 1 [1 - 1 - 1].**27 February 1979:** Algeria: Pool: BMNH: 1 [1 - 1 - 1].**27 May 1984:** South Africa: Taung: ZMA: 4 [4 - 4 - 4].**10 April 1985:** South Africa: Taung: ZMA: 3 [3 - 3 - 3].**19 April 1985:** South Africa: Taung: ZMA: 3 [3 - 3 - 3].**10 May 1985:** South Africa: Norlim mine [=Buxton mine]: ZMA: 3 [3 - 3 - 3].**Total Specimens for James, D.K.: 15**

Jameson

Collection Date Unknown: South Africa: Tzaneen Estates: TM: 1 [1 - 1 - 1].

Total Specimens for Jameson: 1

Jameson, E. (Dr.)

Collection Date Unknown: South Africa: Potchefstroom: BMNH: 1 [1] - Soutpansberg: BMNH: 2 [2 - 3 - 3].**Total Specimens for Jameson, E. (Dr.): 3**

Jameson, H. Lyster

Collection Date Unknown: South Africa: Farm Wonderfontein 103IQ: TM: 7 [7] - Farm Wonderfontein, River cave: TM: 12 [12] - Gat Koppies: TM: 1 [1] - Johannesburg: TM: 1 [1] - Johannesburg: TM: 1 [1] - Krugersdorp: TM: 1 [1] - Malvern: TM: 5 [5] - Tzaneen: TM: 1 [1] - Tzaneen Governmental Estate: TM: 1 [1 - 30 - 30].**21 April 1906:** South Africa: Potchefstroom: TM: 1 [1 - 1 - 1].**21 September 1906:** South Africa: Potchefstroom: TM: 2 [2 - 2 - 2].**26 September 1906:** South Africa: Potchefstroom: TM: 1 [1 - 1 - 1].**28 September 1906:** South Africa: Potchefstroom: TM: 1 [1 - 1 - 1].**13 October 1906:** South Africa: OFD workings: TM: 1 [1 - 1 - 1].**10 March 1907:** South Africa: Fountains: TM: 2 [2] - Fountains Grove: TM: 1 [1 - 3 - 3].**14 March 1907:** South Africa: Fountains: TM: 1 [1 - 1 - 1].**22 April 1907:** South Africa: Farm Wonderfontein: TM: 1 [1 - 1 - 1].**26 April 1907:** South Africa: Farm Wonderfontein: TM: 2 [2 - 2 - 2].**12 August 1907:** South Africa: Potchefstroom: TM: 9 [9 - 9 - 9].**20 August 1907:** South Africa: Potchefstroom: TM: 2 [2 - 2 - 2].**22 August 1907:** South Africa: Potchefstroom: TM: 2 [2 - 2 - 2].**25 October 1907:** South Africa: Florida: TM: 3 [3 - 3 - 3].**9 November 1907:** South Africa: Farm Makapansgat 39, Makapan cave: TM: 2 [2 - 2 - 2].**14 December 1907:** South Africa: Gatkoppies: TM: 6 [6 - 6 - 6].**10 January 1908:** South Africa: Malvern: TM: 1 [1 - 1 - 1].**11 January 1908:** South Africa: Malvern: TM: 1 [1 - 1 - 1].**Total Specimens for Jameson, H. Lyster: 69**

Janesch

Collection Date Unknown: Tanzania: Tendaguru [=Tendaguro]: ZMB: 1 [1 - 1 - 1].**Total Specimens for Janesch: 1**

Jans, E. (Rev.)

Collection Date Unknown: Congo (Democratic Republic of the): Congo: RMCA: 1 [1] - Makaw: RMCA: 1 [1 - 2 - 2].**4 July 1958:** Congo (Democratic Republic of the): Congo: RMCA: 1 [1 - 1 - 1].**Total Specimens for Jans, E. (Rev.): 3**

Janssens, Dr.

30 May 1939: Congo (Democratic Republic of the): Mongbwalu: RMCA: 1 [1 - 1 - 1].**Total Specimens for Janssens, Dr.: 1**

Japp, M.

Collection Date Unknown: Zambia: Kalabo: NHMZ: 1 [1 - 1 - 1].**4 May 1965:** Zambia: Kalabo: BMNH: 1 [1 - 1 - 1].**16 September 1966:** Zambia: Wenela: BMNH: 2 [2 - 2 - 2].**14 December 1966:** Zambia: Wenela: BMNH: 1 [1 - 1 - 1].**18 September 1967:** Zambia: Wenela: BMNH: 2 [2 - 2 - 2].**Total Specimens for Japp, M.: 7**

Jawsens

26 April 1907: South Africa: Farm Wonderfontein: TM: 1 [1 - 1 - 1].**Total Specimens for Jawsens: 1**

Jeffrey, S.M.

25 May 1971: Ghana: Pampramase: BMNH: 1 [1 - 1 - 1].**22 January 1973:** Ghana: Sefwi Mafra: BMNH: 2 [2 - 2 - 2].**Total Specimens for Jeffrey, S.M.: 3**

Jenkins, R.K.B. and Ratrimomanarivo, F.H.

27 July 2003: Madagascar: Bekopake, 1.8 km SE and 0.6 km NE Andadoany: UADBA: 1 [1 - 1 - 1].

Total Specimens for Jenkins, R.K.B. and Ratrimomanarivo, F.H.: 1

Jennings, M.C.

5 March 1982: Egypt: Ataka Mountains: HZM: 1 [1 - 1 - 1].

Total Specimens for Jennings, M.C.: 1

Johnson, W.G.

15 June 1980: Liberia: Gomutown: RMCA: 1 [1 - 1 - 1].

Total Specimens for Johnson, W.G.: 1

Johnston, Harry H. (Sir)

Collection Date Unknown: Malawi: Zomba Plateau: BMNH: 1 [1] - Zomba town: BMNH: 2 [2 - 3].

Sierra Leone: Freetown: BMNH: 1 [1 - 1].

Uganda: Point Alice: BMNH: 1 [1 - 1 - 5].

19 October 1900: Kenya: Naivasha, lake: BMNH: 1 [1 - 1 - 1].

Total Specimens for Johnston, Harry H. (Sir): 6

Jonathan, J.

17 May 1970: Tanzania: Mara: ROM: 5 [5 - 5 - 5].

18 May 1970: Tanzania: Mara: ROM: 1 [1] - Mwanihana forest: ROM: 1 [1 - 2 - 2].

Total Specimens for Jonathan, J.: 7

Jones and Vaughan, T.G.C.

16 July 1936: Zambia: Balovale: BMNH: 1 [1 - 1 - 1].

Total Specimens for Jones and Vaughan, T.G.C.: 1

Jones, E.M.

Collection Date Unknown: South Africa: Lapalala Wilderness area, Farm Dubbelwater: TM: 1 [1] - Wakkerstroom: TM: 1 [1 - 2 - 2].

26 February 1988: South Africa: Lapalala Wilderness Area, confluence of Palala-Koedoesloop Rivers, Farm New Belgium 608 [= RR Ranch]: TM: 2 [2 - 2 - 2].

15 March 1988: South Africa: Wakkerstroom: TM: 1 [1 - 1 - 1].

Total Specimens for Jones, E.M.: 5

Jones, E.M. and Pallett, J.

Collection Date Unknown: South Africa: Waterberg, Lapalala Wilderness area: TM: 1 [1 - 1 - 1].

26 February 1988: South Africa: Lapalala Wilderness Area, confluence of Palala-Koedoesloop Rivers, Farm New Belgium 608 [= RR Ranch]: TM: 1 [1 - 1 - 1].

Total Specimens for Jones, E.M. and Pallett, J.: 2

Jones, John

Collection Date Unknown: Kenya: Wei Wei river: ROM: 2 [2 - 2 - 2].

Total Specimens for Jones, John: 2

Jones, Theo Simpson

Collection Date Unknown: Cameroon: Indian Estates: BMNH: 2 [2 - 2].

Congo: Kunda: HZM: 3 [3 - 3].

Nigeria: Numan: BMNH: 1 [1] - Yo: BMNH: 4 [4 - 5].

Sierra Leone: Bonthe: BMNH: 2 [2] - Freetown: BMNH: 1 [1] - Njala: BMNH: 2 [2] - Saltpan, near: BMNH: 1 [1] - Scaries river: BMNH: 1 [1] - Sierra Leone: BMNH: 1 [1] - Waterloo: BMNH: 2 [2 - 10].

Uganda: Amiel: BMNH: 3 [3] - Bukalasa: BMNH: 5 [5] - Burisifwe Gombolola: BMNH: 1 [1] - Kama tin mine: BMNH: 1 [1] - Moyo: BMNH: 1 [1] - Pajule: BMNH: 1 [1] - Serere: BMNH: 1 [1] - Yumbe: BMNH: 1 [1 - 14 - 34].

- 14 July 1947: Sierra Leone: Njala: BMNH: 2 [2 - 2 - 2].
 8 January 1948: Sierra Leone: Bonthe: BMNH: 1 [1 - 1 - 1].
 31 July 1948: Sierra Leone: Freetown: BMNH: 1 [1 - 1 - 1].
 26 August 1948: Sierra Leone: Bonthe: ROM: 1 [1 - 1 - 1].
 24 November 1948: Sierra Leone: Bonthe: ROM: 1 [1 - 1 - 1].
 17 October 1954: Sierra Leone: Mongberi: BMNH: 1 [1 - 1 - 1].
 5 May 1963: Uganda: Namulere: BMNH: 1 [1 - 1 - 1].
 1 July 1963: Uganda: Entebbe: BMNH: 1 [1 - 1 - 1].
 2 November 1963: Uganda: Karamoja district, S of: BMNH: 1 [1 - 1 - 1].
 28 July 1964: Uganda: Entebbe: BMNH: 1 [1 - 1 - 1].
 10 October 1965: Cameroon: Bimbia: BMNH: 1 [1 - 1 - 1].
 16 November 1965: Cameroon: Mbonge: BMNH: 1 [1 - 1 - 1].
 1 November 1966: Cameroon: Bota: BMNH: 1 [1 - 1 - 1].
 27 December 1966: Cameroon: Limbe: BMNH: 1 [1 - 1 - 1].
 20 July 1972: South Africa: Tshaneni: BMNH: 1 [1 - 1 - 1].
 5 May 1974: Swaziland: Balegane: BMNH: 1 [1 - 1 - 1].

Total Specimens for Jones, Theo Simpson: 51

Jones, Theo Simpson and Shepherd, C.

- Collection Date Unknown:** Uganda: Mbale: BMNH: 3 [3 - 3 - 3].
 1 July 1962: Uganda: Bulaganya, cave 3 mi S: BMNH: 2 [2 - 2 - 2].
 26 July 1962: Uganda: Bulaganya, cave 3 mi S: BMNH: 1 [1 - 1 - 1].

Total Specimens for Jones, Theo Simpson and Shepherd, C.: 6

Jordan, Karl (dr.)

- 21 February 1920: Algeria: Djamaa: MNHN: 1 [1 - 1 - 1].
 25 February 1920: Algeria: Djamaa: MNHN: 1 [1 - 1 - 1].

Total Specimens for Jordan, Karl (dr.): 2

Jordens, Mlle

- 13 February 1934: Congo (Democratic Republic of the): Mongbwalu: RMCA: 1 [1 - 1 - 1].

Total Specimens for Jordens, Mlle: 1

Jörgens

- Collection Date Unknown:** Tanzania: Iringa: ZMB: 3 [3] - Mtandika: ZMB: 6 [6] - Utengule: ZMB: 2 [2 - 11 - 11].

Total Specimens for Jörgens: 11

Joseph, R.P.

- 20 February 1928: Congo (Democratic Republic of the): Buta: RMCA: 1 [1 - 1 - 1].

Total Specimens for Joseph, R.P.: 1

Joubert, P.

- Collection Date Unknown:** South Africa: West Coast National Park, Geelbek: TM: 2 [2 - 2 - 2].
 25 January 1987: South Africa: Geelbek: TM: 1 [1 - 1 - 1].

Total Specimens for Joubert, P.: 3

Jousseaume

- Collection Date Unknown:** Djibouti: Obock: MNHN: 1 [1 - 1 - 1].

Total Specimens for Jousseaume: 1

Junod

- Collection Date Unknown:** South Africa: Shilouwan: MHNG: 1 [1 - 1 - 1].

Total Specimens for Junod: 1

Juritz / Museum München

- Collection Date Unknown:** South Africa: Cape of Good Hope: ZMB: 1 [1 - 1 - 1].

Total Specimens for Juritz / Museum München: 1

Kaiser

Collection Date Unknown: Cameroon: Klein Batonga: ZMB: 1 [1 - 1 - 1].**Total Specimens for Kaiser: 1**

Kalchreuter

14 February 1966: Tanzania: Mwela: SMNS: 1 [1 - 1 - 1].**Total Specimens for Kalchreuter: 1**

KEA-Mission

Collection Date Unknown: Congo (Democratic Republic of the): Kivu, lake: KBIN: 1 [1 - 1 - 1].**2 January 1953:** Congo (Democratic Republic of the): Vitshumbi: KBIN: 1 [1 - 1 - 1].**10 March 1953:** Congo (Democratic Republic of the): Goma: KBIN: 1 [1 - 1 - 1].**27 November 1953:** Congo (Democratic Republic of the): Kyavinionge: KBIN: 1 [1 - 1 - 1].**5 December 1953:** Congo (Democratic Republic of the): Goma: KBIN: 1 [1 - 1 - 1].**25 February 1954:** Congo (Democratic Republic of the): Kasenyi: KBIN: 1 [1 - 1 - 1].**Total Specimens for KEA-Mission: 6**

Kearney, R.

24 October 1998: South Africa: : MMK: 1 [1] - Clarens: DNSM: 1 [1 - 2 - 2].**Total Specimens for Kearney, R.: 2**

Kearney, Teresa Catherine (Dr.)

Collection Date Unknown: South Africa: : DNSM: 1 [1] - Badplaas: DNSM: 2 [2] - Bonamanzi Game Reserve: DNSM: 2 [2] - Cowies Hill Park: DNSM: 1 [1] - Dlinza Forest: DNSM: 7 [7] - Dlinza Forest, servitude into forest: DNSM: 4 [4] - Doornkraal campsite: DNSM: 5 [5] - Durban: DNSM: 1 [1] - Durban, 183 Sarnia Road: DNSM: 1 [1] - Durban, University Campus: DNSM: 1 [1] - Durban, University Campus, Chemistry Dept.: DNSM: 1 [1] - Empisini Nature Reserve: DNSM: 3 [3] - Farm Lilliput 246: DNSM: 1 [1] - Farm Twin Streams: DNSM: 1 [1] - Game Valley Estates: DNSM: 2 [2] - Harold Johnson Nature Reserve: DNSM: 4 [4] - Hillary area, probably: DNSM: 1 [1] - Inanda Dam: DNSM: 3 [3] - Itala Game Reserve: DNSM: 2 [2] - Ithala [=Itala] Game Reserve, Main camp: DNSM: 1 [1] - Ithala Game Reserve [=Itala Nature Reserve]: DNSM: 7 [7] - John Nash Nature Reserve [=Jack Scott Private Nature Reserve], American cave: DNSM: 1 [1] - Jozini Dam, Dam wall: DNSM: 1 [1] - Kloof Falls Road/ Bridle Road picnic site: DNSM: 1 [1] - Lalapanzi Pan: DNSM: 1 [1] - Merrivale: DNSM: 1 [1] - Messina: DNSM: 2 [2] - Messina Nature Reserve: DNSM: 14 [14] - Natal Midlands, Nottingham Road, Clifton school: DNSM: 1 [1] - North Park Nature Reserve: DNSM: 2 [2] - Pigeon Valley Park: DNSM: 2 [2] - Renishaw: DNSM: 2 [2] - Scottburgh: DNSM: 1 [1] - Stainbank Nature Reserve: DNSM: 3 [3] - Sugar Research Association Estate: DNSM: 1 [1] - Westriding: DNSM: 1 [1] - Westriding, 14 Marion Road: DNSM: 2 [2] - Yellowwood Park: DNSM: 1 [1] - Yellowwood Park, 18 Dove Crescent: DNSM: 1 [1 - 89].

27 August 1982: Zimbabwe: Chingamwe Estates: DNSM: 1 [1 - 1 - 1].**13 August 1995:** South Africa: Mkuzi Game Reserve: DNSM: 4 [4 - 4 - 4].**Total Specimens for Kearney, Teresa Catherine (Dr.): 95**

Kearney, Teresa Catherine (Dr.) and Downs, C.

Collection Date Unknown: Mozambique: Bazaruto Lodge: DNSM: 2 [2 - 2 - 2].**Total Specimens for Kearney, Teresa Catherine (Dr.) and Downs, C.: 2**

Kearney, Teresa Catherine (Dr.) and Ndhlovu

Collection Date Unknown: South Africa: Twaing Crater, reception area: TM: 1 [1 - 1 - 1].**Total Specimens for Kearney, Teresa Catherine (Dr.) and Ndhlovu: 1**

Kearney, Teresa Catherine (Dr.) and Ndhlovu, C.

Collection Date Unknown: South Africa: Farm Blaauwbank 168JS: TM: 1 [1 - 1 - 1].**13 November 2002:** South Africa: Farm Onverwacht 544JT, Sjonajona: TM: 1 [1 - 1 - 1].**Total Specimens for Kearney, Teresa Catherine (Dr.) and Ndhlovu, C.: 2**

Kearney, Teresa Catherine (Dr.) and Seamark, Ernest Charles James

Collection Date Unknown: South Africa: Cederberg, Algeria State Forest, campsite: SAMC: 2 [2] - Kranskloof Nature Reserve, Picnic site: DNSM: 1 [1 - 3 - 3].

Total Specimens for Kearney, Teresa Catherine (Dr.) and Seamark, Ernest Charles James: 3

Kearney, Teresa Catherine (Dr.) and Taylor, Peter John (Dr.)

Collection Date Unknown: South Africa: Farm Kersefontein [=Berg River]: DNSM: 1 [1 - 1 - 1].

Total Specimens for Kearney, Teresa Catherine (Dr.) and Taylor, Peter John (Dr.): 1

Keilhack

Collection Date Unknown: Togo: Aného: ZMB: 1 [1] - Haubinda: ZMB: 1 [1] - Lomé: ZMB: 2 [2 - 4 - 4].

Total Specimens for Keilhack: 4

Keith, G.S.

Collection Date Unknown: Zambia: Nyika Plateau: BMNH: 1 [1 - 1 - 1].

Total Specimens for Keith, G.S.: 1

Kemp, A.

7 October 1987: South Africa: Newton Park: TM: 1 [1 - 1 - 1].

Total Specimens for Kemp, A.: 1

Kemp, A.C.

21 February 1976: South Africa: Farm Tweepoort 404: TM: 1 [1 - 1 - 1].

Total Specimens for Kemp, A.C.: 1

Kemp, G.E.

30 March 1969: Nigeria: Malamfatori: USNM: 1 [1 - 1 - 1].

Total Specimens for Kemp, G.E.: 1

Kemp, H.

29 September 1970: Namibia: Kongola ferry area: TM: 1 [1 - 1 - 1].

Total Specimens for Kemp, H.: 1

Kemp, Robin

Collection Date Unknown: Kenya: Elgon, Mount: BMNH: 1 [1 - 1 - 1].

25 August 1905: Nigeria: Aguleri: BMNH: 1 [1 - 1 - 1].

7 April 1910: Tanzania: Taveta: BMNH: 1 [1 - 1 - 1].

12 April 1910: Kenya: Ndara hills: BMNH: 2 [2 - 2 - 2].

8 May 1910: Tanzania: Taveta: BMNH: 3 [3 - 3 - 3].

14 May 1910: Tanzania: Taveta: BMNH: 1 [1 - 1 - 1].

Total Specimens for Kemp, Robin: 9

Kemp, Robin and Rudd, C.D.

2 January 1910: Kenya: Mumias: BMNH: 1 [1 - 1 - 1].

12 April 1910: Kenya: Ndara hills: BMNH: 1 [1 - 1 - 1].

2 July 1910: Kenya: Mazeras: BMNH: 3 [3 - 3 - 3].

10 July 1910: Kenya: Mazeras: BMNH: 1 [1 - 1 - 1].

11 July 1910: Kenya: Mazeras: BMNH: 1 [1 - 1 - 1].

Total Specimens for Kemp, Robin and Rudd, C.D.: 7

Kemp, S.

Collection Date Unknown: South Africa: Van Reenen: DNSM: 1 [1 - 1 - 1].

Total Specimens for Kemp, S.: 1

Kerbis, J.C.

5 January 1983: Kenya: Massai Mara reserve: FMNH: 1 [1 - 1 - 1].
19 April 1991: Uganda: Mubuk river, right bank: FMNH: 1 [1 - 1 - 1].

Total Specimens for Kerbis, J.C.: 2

Keymer, I.F.

Collection Date Unknown: Zambia: Luangwa Valley: NHMZ: 1 [1 - 1 - 1].

Total Specimens for Keymer, I.F.: 1

Kiepenhauer; Linsenmair [and the U.S. Navy Medical Research Unit 3 (NaMRU 3)]

1 August 1963: Egypt: Saqqara: SMF: 8 [8 - 8 - 8].
18 August 1963: Egypt: Edfu: SMF: 7 [7 - 7 - 7].
16 August 1965: Egypt: Bahig: SMF: 1 [1 - 1 - 1].

Total Specimens for Kiepenhauer; Linsenmair [and the U.S. Navy Medical Research Unit 3 (NaMRU 3)]: 16

Killango

31 October 1975: Uganda: Kisoro: SMF: 1 [1 - 1 - 1].

Total Specimens for Killango: 1

Kingdon, Jonathan

Collection Date Unknown: Tanzania: Ruanda farm: HZM: 4 [4 - 4 - 4].
12 December 1970: Tanzania: Ruanda farm: HZM: 3 [3 - 3 - 3].
13 December 1970: Tanzania: Ruanda farm: HZM: 1 [1 - 1 - 1].
17 December 1970: Tanzania: Ruanda farm: HZM: 1 [1 - 1 - 1].
12 March 1971: Uganda: Budo: BMNH: 1, HZM: 1 [2 - 2 - 2].
8 February 1972: "Africa": Unknown locality: HZM: 1 [1 - 1 - 1].

Total Specimens for Kingdon, Jonathan: 12

Kinunke

1 January 1911: Uganda: Buhivu: NMW: 1 [1 - 1 - 1].

Total Specimens for Kinunke: 1

Kirk, Dr.

Collection Date Unknown: Zambia: Shupanga: BMNH: 4 [4 - 4 - 4].

Total Specimens for Kirk, Dr.: 4

Kistel

Collection Date Unknown: Egypt: Cairo: ZMB: 1 [1 - 1 - 1].

Total Specimens for Kistel: 1

Kittenberger, K.

Collection Date Unknown: Eritrea: Assab: HNHM: 3 [3 - 3].
 Ethiopia: Gibdo: HNHM: 1 [1 - 1 - 4].

Total Specimens for Kittenberger, K.: 4

Klaptocs, A.

Collection Date Unknown: Guinea: Ouassou: NMW: 1 [1 - 1 - 1].

Total Specimens for Klaptocs, A.: 1

Kleinschmidt, Floericke

Collection Date Unknown: Morocco: Tanger: ZMB: 1 [1 - 1 - 1].

Total Specimens for Kleinschmidt, Floericke: 1

Klunzinger

Collection Date Unknown: Egypt: Al Bahr Al Ahmar: ZMB: 2 [2 - 2 - 2].**Total Specimens for Klunzinger: 2**

Knipper

22 October 1952: Tanzania: Chimala: SMNS: 4 [4 - 4 - 4].**4 June 1962:** Tanzania: Chimala: LNK: 11 [11 - 11 - 11].**23 July 1962:** Tanzania: Iringa, near: LNK: 1 [1 - 1 - 1].**Total Specimens for Knipper: 16**

Knorr, H.

3 October 1956: Guinea: Tahiré: SMNS: 2 [2 - 2 - 2].**11 October 1956:** Guinea: Kindia: ZFMK: 1 [1] - Tahiré: SMNS: 1 [1 - 2 - 2].**23 November 1956:** Guinea: Nyembaro: ZFMK: 1 [1 - 1 - 1].**24 November 1956:** Guinea: Kolente: ZFMK: 2 [2] - Nyembaro: SMF: 2, SMNS: 8 [10 - 12 - 12].**27 November 1956:** Guinea: Kolente: SMF: 1 [1 - 1 - 1].**Total Specimens for Knorr, H.: 18**

Koch-Weser, Sylvia

14 August 1980: Burkina Faso: Tambao: SMF: 1 [1 - 1 - 1].**16 August 1980:** Burkina Faso: Tambao: SMF: 1 [1 - 1 - 1].**19 August 1980:** Burkina Faso: Tambao: SMF: 1 [1 - 1 - 1].**22 August 1980:** Burkina Faso: Saba: SMF: 1 [1 - 1 - 1].**6 October 1980:** Burkina Faso: Dionga: SMF: 1 [1 - 1 - 1].**7 October 1980:** Burkina Faso: Dionga: SMF: 1 [1 - 1 - 1].**4 November 1980:** Burkina Faso: Nouna: SMF: 2 [2 - 2 - 2].**9 November 1980:** Burkina Faso: Ouagadougou: SMF: 3 [3 - 3 - 3].**10 January 1981:** Burkina Faso: Tambao: SMF: 2 [2 - 2 - 2].**Total Specimens for Koch-Weser, Sylvia: 13**

Kock, Dieter

Collection Date Unknown: Kenya: Aruba Lodge: SMF: 3 [3 - 3].Sudan: Buram: SMF: 4 [4 - 4 - 7].**12 June 1962:** Sudan: Nzara: SMF: 1 [1 - 1 - 1].**2 November 1962:** Sudan: Buram: SMF: 3 [3 - 3 - 3].**10 December 1962:** Sudan: Kadugli: SMF: 4 [4 - 4 - 4].**4 January 1963:** Sudan: Kadugli: SMF: 2 [2 - 2 - 2].**23 February 1963:** Sudan: Kadugli: SMF: 1 [1 - 1 - 1].**9 March 1963:** Sudan: Kadugli: SMF: 1 [1 - 1 - 1].**13 March 1963:** Sudan: Kadugli: SMF: 1 [1 - 1 - 1].**2 April 1963:** Sudan: Subeigh Forest Reserve: SMF: 7 [7 - 7 - 7].**12 December 1964:** Sudan: Kadugli: SMF: 2 [2 - 2 - 2].**26 December 1964:** Sudan: Tadoro: SMF: 1 [1 - 1 - 1].**14 January 1965:** Sudan: Kadugli: SMF: 4 [4 - 4 - 4].**25 January 1965:** Sudan: Jebel Toro: SMF: 4 [4 - 4 - 4].**3 March 1965:** Sudan: Buram: SMF: 18 [18 - 18 - 18].**6 March 1965:** Sudan: Tadoro: SMF: 1 [1 - 1 - 1].**11 March 1965:** Sudan: Buram: SMF: 1 [1] - Rheika: SMF: 3 [3 - 4 - 4].**24 March 1965:** Sudan: Rheika: SMF: 3 [3 - 3 - 3].**28 March 1965:** Sudan: Angolo: SMF: 5 [5 - 5 - 5].**30 January 1971:** Kenya: Leopard Rock Lodge: SMF: 1 [1 - 1 - 1].**24 February 1971:** Kenya: Elgon, Mount: SMF: 1 [1 - 1 - 1].**6 June 1971:** Ethiopia: Bahar Dar: SMF: 2 [2 - 2 - 2].**16 June 1971:** Egypt: Saqqara: SMF: 2 [2 - 2 - 2].**31 January 1975:** Morocco: Dcheira: SMF: 3 [3 - 3 - 3].**22 September 1975:** Kenya: Ruaraka: SMF: 1 [1 - 1 - 1].**30 October 1976:** Niger: Maradi: SMF: 2 [2 - 2 - 2].**31 October 1976:** Niger: Maradi: SMF: 1 [1 - 1 - 1].**28 August 1977:** Kenya: Katilo: BMNH: 1 [1 - 1 - 1].**Total Specimens for Kock, Dieter: 83**

Kock, Dieter and Mumford, R.E.

Collection Date Unknown: Kenya: Buffalo Springs: SMF: 1 [1 - 1 - 1].

Total Specimens for Kock, Dieter and Mumford, R.E.: 1

Koechlin, B.

Collection Date Unknown: Madagascar: Kinakina: MNHN: 1 [1 - 1 - 1].

Total Specimens for Koechlin, B.: 1

Koekemoer, D.

Collection Date Unknown: South Africa: Verwoerdburg, suburban garden: TM: 1 [1 - 1 - 1].

Total Specimens for Koekemoer, D.: 1

Koekoemoes, D.

18 February 1982: South Africa: Verwoerdburg: TM: 1 [1 - 1 - 1].

Total Specimens for Koekoemoes, D.: 1

Koeman, J.H.

Collection Date Unknown: Nigeria: Darazo: ZMA: 1 [1 - 1 - 1].

Total Specimens for Koeman, J.H.: 1

Koenig, Alexander

Collection Date Unknown: Algeria: Biskra: ZFMK: 3 [3 - 3].

Sudan: Bahr el Shagal: ZMB: 1 [1 - 1 - 4].

15 February 1910: Sudan: Jebel Aulia: ZFMK: 2 [2 - 2 - 2].

31 March 1910: Sudan: Abu Doleb: ZFMK: 1 [1 - 1 - 1].

Total Specimens for Koenig, Alexander: 7

Köhl

Collection Date Unknown: Rwanda: Kissenji [=Gisenyi]: ZMB: 1 [1 - 1 - 1].

Total Specimens for Köhl: 1

Kohl-Larsen expedition, the

17 October 1938: Tanzania: Matete river: SMF: 1 [1 - 1 - 1].

25 July 1939: Tanzania: Iraku: SMF: 5 [5 - 5 - 5].

Total Specimens for Kohl-Larsen expedition, the: 6

Konietzko

Collection Date Unknown: Cameroon: Balue mountains: ZMB: 4 [4 - 4 - 4].

Total Specimens for Konietzko: 4

Koopman, Karl F.

19 January 1988: South Africa: Pafuri: AMNH: 3 [3 - 3 - 3].

20 January 1988: South Africa: Punda Maria, 15 km E: AMNH: 2 [2 - 2 - 2].

21 January 1988: South Africa: Punda Maria camp, 2 km N: AMNH: 2 [2 - 2 - 2].

22 January 1988: South Africa: Pafuri: AMNH: 1 [1 - 1 - 1].

24 January 1988: South Africa: Letaba restcamp, 1 km SE: AMNH: 1 [1 - 1 - 1].

25 January 1988: South Africa: Letaba restcamp, 1 km SE: AMNH: 4 [4 - 4 - 4].

26 January 1988: South Africa: Olifants, 7 km W: AMNH: 1 [1 - 1 - 1].

1 February 1988: South Africa: Nwanetzi, 1 km N: AMNH: 2 [2 - 2 - 2].

3 February 1988: South Africa: Roodeval Camp, 2 km SE: AMNH: 1 [1 - 1 - 1].

4 February 1988: South Africa: Letaba-Olifants confluence, 2 km E: AMNH: 1 [1 - 1 - 1].

Total Specimens for Koopman, Karl F.: 18

Korn, Dr.

9 March 1983: South Africa: Nylsvlei Nature Reserve: TM: 1 [1 - 1 - 1].

Total Specimens for Korn, Dr.: 1

Kotschy, Th.

Collection Date Unknown: Sudan: Khartoum or Sennaar: NMW: 1 [1] - Kordofan: BMNH: 1 [1 - 2 - 2].**Total Specimens for Kotschy, Th.: 2**

Kotschy, Th. and Parrey

Collection Date Unknown: Sudan: Kordofan: BMNH: 1 [1 - 1 - 1].**Total Specimens for Kotschy, Th. and Parrey: 1**

Kowalski, K.

16 December 1981: Algeria: Sétif: HZM: 1 [1 - 1 - 1].
30 April 1982: Algeria: Sebdou: HZM: 1 [1 - 1 - 1].
2 June 1982: Algeria: Misserghin: HZM: 1 [1 - 1 - 1].
8 June 1982: Algeria: Oued Tlélat: HZM: 1 [1 - 1 - 1].
22 June 1982: Algeria: Misserghin: HZM: 1 [1 - 1 - 1].
8 October 1982: Algeria: Les Andalouses: HZM: 1 [1 - 1 - 1].
8 November 1982: Algeria: Les Andalouses: HZM: 3 [3 - 3 - 3].
12 November 1982: Algeria: Les Andalouses: HZM: 2 [2 - 2 - 2].
24 March 1983: Algeria: Les Andalouses: HZM: 1 [1 - 1 - 1].
13 August 1983: Algeria: Tikjda: HZM: 1 [1 - 1 - 1].

Total Specimens for Kowalski, K.: 13

Kramer, H.H.

Collection Date Unknown: South Africa: Schurweberg: TM: 1 [1 - 1 - 1].**Total Specimens for Kramer, H.H.: 1**

Kraus, F.

Collection Date Unknown: Eritrea: Bogos: RMNH: 1 [1 - 1 - 1].**Total Specimens for Kraus, F.: 1**

Krauss

Collection Date Unknown: Nigeria: Yoruba: ZMB: 1 [1 - 1 - 1].**Total Specimens for Krauss: 1**

Krebs

Collection Date Unknown: South Africa: Cape of Good Hope: ZMB: 2 [2 - 2 - 2].**Total Specimens for Krebs: 2**

Krebs, John W.

18 April 1978: Sierra Leone: Fadugu: USNM: 1 [1 - 1 - 1].
25 April 1978: Sierra Leone: Hanjama, 1 mi S: USNM: 1 [1 - 1 - 1].
26 April 1978: Sierra Leone: Segbwemba: USNM: 2 [2 - 2 - 2].
4 May 1978: Sierra Leone: Segbwemba: USNM: 1 [1 - 1 - 1].
16 May 1978: Sierra Leone: Konia, 5 mi SE: USNM: 1 [1 - 1 - 1].
16 June 1978: Sierra Leone: Yengewa, 0.5 mi E: USNM: 1 [1 - 1 - 1].
7 July 1978: Sierra Leone: Panguma, 10 mi N: USNM: 1 [1 - 1 - 1].
15 December 1978: Sierra Leone: Yengema: USNM: 9 [9 - 9 - 9].

Total Specimens for Krebs, John W.: 17

Kristensen, G. (coll.), Rothschild, Nathaniel Charles (pres)

19 January 1912: Ethiopia: Harrar [=Harar]: BMNH: 1 [1 - 1 - 1].**Total Specimens for Kristensen, G. (coll.), Rothschild, Nathaniel Charles (pres): 1**

Krone

Collection Date Unknown: Cameroon: Victoria: ZMB: 1 [1 - 1 - 1].

Total Specimens for Krone: 1

Kruskop, S.V.

19 December 1995: Ethiopia: Hareenna Forest: ZMMU: 1 [1 - 1 - 1].

Total Specimens for Kruskop, S.V.: 1

Kubierke, H.

Collection Date Unknown: South Africa: Bredill: TM: 1 [1 - 1 - 1].

Total Specimens for Kubierke, H.: 1

Kühn

Collection Date Unknown: Namibia: no specific locality: ZMB: 1 [1 - 1 - 1].

Total Specimens for Kühn: 1

KUL-expeditie (Katholieke Universiteit Leuven)

2 April 1978: Senegal: Ba-Foula-Bé: RMCA: 2 [2 - 2 - 2].

3 April 1978: Senegal: Badi: RMCA: 1 [1 - 1 - 1].

31 December 1980: Senegal: Kumbane: RMCA: 1 [1 - 1 - 1].

Total Specimens for KUL-expeditie (Katholieke Universiteit Leuven): 4

Kulzer, Edwin

Collection Date Unknown: Egypt: Cairo: SMF: 31 [31] - Cairo, 20 km S: SMF: 3 [3] - Cairo, S of: SMF: 2 [2 - 36 - 36].

26 September 1955: Egypt: Gizeh: HZM: 1 [1 - 1 - 1].

26 July 1956: Tanzania: Arusha: SMF: 2 [2] - Ol Donyo Sambu: SMF: 7 [7 - 9 - 9].

Total Specimens for Kulzer, Edwin: 46

Kunkel

24 March 1963: Congo (Democratic Republic of the): Lwiro: SMF: 1 [1 - 1 - 1].

1 August 1963: Congo (Democratic Republic of the): Lwiro: SMF: 1 [1 - 1 - 1].

25 September 1963: Congo (Democratic Republic of the): Lwiro: SMF: 1 [1 - 1 - 1].

27 September 1963: Congo (Democratic Republic of the): Lwiro: SMF: 1 [1 - 1 - 1].

29 September 1963: Congo (Democratic Republic of the): Fomulac-Katana: SMF: 1 [1 - 1 - 1].

30 September 1963: Congo (Democratic Republic of the): Fomulac-Katana: SMF: 1 [1 - 1 - 1].

3 October 1963: Congo (Democratic Republic of the): Fomulac-Katana: SMF: 1 [1 - 1 - 1].

20 December 1965: Congo (Democratic Republic of the): Lwiro: SMF: 1 [1 - 1 - 1].

Total Specimens for Kunkel: 8

Kyongo, Robert N.

20 April 1969: Kenya: Archer's Post: ROM: 11 [11 - 11 - 11].

6 December 1976: Kenya: Inyokomi: RMNH: 1 [1 - 1 - 1].

12 May 1977: Kenya: Muumandu: RMNH: 1 [1 - 1 - 1].

23 May 1977: Kenya: Kwale: RMNH: 7 [7 - 7 - 7].

24 May 1977: Kenya: Kwale: RMNH: 9 [9 - 9 - 9].

25 May 1977: Kenya: Konza: RMNH: 1 [1 - 1 - 1].

27 May 1977: Kenya: Kwale: RMNH: 1 [1] - Shimba Hills: RMNH: 1 [1 - 2 - 2].

30 May 1977: Kenya: Kwale: RMNH: 11 [11 - 11 - 11].

1 June 1977: Kenya: Kwale: RMNH: 1 [1] - Shimba Hills: RMNH: 2 [2 - 3 - 3].

23 June 1977: Kenya: Kiu: RMNH: 1 [1 - 1 - 1].

26 November 1977: Kenya: Muumandu: RMNH: 1 [1 - 1 - 1].

27 November 1977: Kenya: Muumandu: RMNH: 4 [4 - 4 - 4].

28 November 1977: Kenya: Muumandu: RMNH: 1 [1 - 1 - 1].

29 November 1977: Kenya: Muumandu: RMNH: 1 [1 - 1 - 1].

13 December 1977: Kenya: Kiboko: RMNH: 2 [2 - 2 - 2].

15 December 1977: Kenya: Kiboko: RMNH: 1 [1 - 1 - 1].

16 December 1977: Kenya: Kiboko: RMNH: 1 [1 - 1 - 1].

18 June 1978: Kenya: Kyangili: RMNH: 1 [1 - 1 - 1].

20 July 1978: Kenya: Shimba Hills: RMNH: 1 [1 - 1 - 1].

25 July 1978: Kenya: Kwale: RMNH: 3 [3 - 3 - 3].

29 July 1978: Kenya: Shimba Hills: RMNH: 2 [2 - 2 - 2].

30 July 1978: Kenya: Coast province: RMNH: 1 [1] - Shimba Hills: RMNH: 1 [1 - 2 - 2].
28 September 1978: Kenya: Shimba Hills: RMNH: 1 [1 - 1 - 1].
8 March 1979: Kenya: Konza: RMNH: 1 [1 - 1 - 1].
2 December 1979: Kenya: Lukore area: RMNH: 1 [1 - 1 - 1].

Total Specimens for Kyongo, Robert N.: 70

Kyongo, Robert N. and Williams, A.

28 October 1974: Kenya: Rondo forest: ROM: 1 [1 - 1 - 1].
6 November 1974: Kenya: Rondo forest: ROM: 1 [1 - 1 - 1].
13 November 1974: Kenya: Rondo forest: ROM: 1 [1 - 1 - 1].

Total Specimens for Kyongo, Robert N. and Williams, A.: 3

Laarman, J.J.

Collection Date Unknown: Congo (Democratic Republic of the): Eastern Congo: RMNH: 1 [1] - How...: RMNH: 1 [1 - 2 - 2].
27 September 1953: Congo (Democratic Republic of the): Karambi: RMNH: 1 [1 - 1 - 1].
15 August 1956: Congo (Democratic Republic of the): Irangi: RMNH: 1 [1 - 1 - 1].
31 January 1957: Congo (Democratic Republic of the): Irangi: RMNH: 1 [1 - 1 - 1].
3 July 1957: Congo (Democratic Republic of the): Kawezi-Uvira: RMNH: 1 [1 - 1 - 1].

Total Specimens for Laarman, J.J.: 6

Laatz, I.

Collection Date Unknown: South Africa: Farm Liverpool 202: TM: 1 [1 - 1 - 1].

Total Specimens for Laatz, I.: 1

Lademann

Collection Date Unknown: Angola: Litambo: ZMB: 5 [5 - 5].
 Congo (Democratic Republic of the): Sombe: ZMB: 1 [1 - 1].
 Tanzania: Lindi: ZMB: 1 [1] - Mpapua [=Mpwapwa]: ZMB: 1 [1] - Utete: ZMB: 2 [2 - 4 - 10].

Total Specimens for Lademann: 10

Laenen, J.

Collection Date Unknown: Algeria: Laghouat: FMNH: 1 [1 - 1 - 1].
18 July 1950: Algeria: Djelfa: ZFMK: 1 [1 - 1 - 1].

Total Specimens for Laenen, J.: 2

Laglaize

Collection Date Unknown: Gabon: Gabon: BMNH: 1 [1 - 1 - 1].

Total Specimens for Laglaize: 1

Lake Rudolf Rift Valley Expedition 1934

28 April 1934: Kenya: Bat island: BMNH: 2 [2 - 2 - 2].

Total Specimens for Lake Rudolf Rift Valley Expedition 1934: 2

Lambert, R.R.K.

2 March 1975: Tanzania: Ilonga Research and Training Centre: BMNH: 1 [1 - 1 - 1].

Total Specimens for Lambert, R.R.K.: 1

Lamborn

Collection Date Unknown: Malawi: Karonga: BMNH: 2 [2 - 2 - 2].

Total Specimens for Lamborn: 2

Lambrecht, F.L.

19 April 1951: Congo (Democratic Republic of the): Uvira: RMCA: 1 [1 - 1 - 1].

Total Specimens for Lambrecht, F.L.: 1

Lambrechts, A.V.W.

14 March 1968: Lesotho: Fort Hartley, 10 mi NE [=Quthing, 10 mi NE]: USNM: 1 [1 - 1 - 1].**15 March 1968:** Lesotho: Fort Hartley, 10 mi NE [=Quthing, 10 mi NE]: USNM: 8 [8 - 8 - 8].**19 April 1968:** South Africa: Graaff Reinet, 23 mi SE: USNM: 1 [1 - 1 - 1].**Total Specimens for Lambrechts, A.V.W.: 10**

Lamont, R.A.

Collection Date Unknown: Tanzania: Urambo: BMNH: 5 [5 - 5 - 5].**Total Specimens for Lamont, R.A.: 5**

Lamotte, M.

Collection Date Unknown: Cote D'Ivoire: : MNHN: 1 [1 - 1 - 1].**15 April 1957:** Guinea: Zouguépo: MNHN: 1 [1 - 1 - 1].**Total Specimens for Lamotte, M.: 2**

Lampe; Prof. E.

Collection Date Unknown: Cameroon: Bibundi: BMNH: 1 [1 - 1 - 1].**Total Specimens for Lampe; Prof. E.: 1**

Lancaster, D.G.

Collection Date Unknown: Zambia: Chilanga: KM: 2 [2] - Chipata: KM: 4 [4] - Fort Jameson district: KM: 2 [2] - Lunzi river: BMNH: 1 [1] - Mbala: KM: 1 [1] - Mporokoso: KM: 1 [1] - Petauke: KM: 1 [1 - 12 - 12].**1 May 1932:** Zambia: Chipata: KM: 1 [1 - 1 - 1].**1 December 1943:** Zambia: Abercorn: KM: 1 [1 - 1 - 1].**Total Specimens for Lancaster, D.G.: 14**

Lang, Herbert

5 August 1925: Angola: Chitau: AMNH: 1 [1 - 1 - 1].**Total Specimens for Lang, Herbert: 1**

Lang, Herbert and Boulton

Collection Date Unknown: Angola: Chitau: AMNH: 1 [1 - 1 - 1].**20 July 1925:** Angola: Capelongo: AMNH: 1 [1 - 1 - 1].**5 August 1925:** Angola: Chitau: AMNH: 1 [1 - 1 - 1].**6 August 1926:** Angola: Chitau: AMNH: 1 [1 - 1 - 1].**Total Specimens for Lang, Herbert and Boulton: 4**

Lang, Herbert and Chapin, James, P.

Collection Date Unknown: Congo (Democratic Republic of the): Avakubi: AMNH: 1 [1 - 1 - 1].**16 March 1910:** Congo (Democratic Republic of the): Medje: AMNH: 1 [1 - 1 - 1].**7 September 1910:** Congo (Democratic Republic of the): Medje: AMNH: 1 [1 - 1 - 1].**8 September 1910:** Congo (Democratic Republic of the): Medje: AMNH: 2 [2 - 2 - 2].**12 December 1910:** Congo (Democratic Republic of the): Niangara: AMNH: 2 [2 - 2 - 2].**13 December 1911:** Congo (Democratic Republic of the): Aba: AMNH: 1 [1 - 1 - 1].**15 December 1911:** Congo (Democratic Republic of the): Aba: AMNH: 1 [1 - 1 - 1].**16 December 1911:** Congo (Democratic Republic of the): Aba: AMNH: 1 [1 - 1 - 1].**17 December 1911:** Congo (Democratic Republic of the): Aba: AMNH: 2 [2 - 2 - 2].**1 March 1912:** Congo (Democratic Republic of the): Faradje: AMNH: 1 [1 - 1 - 1].**29 September 1912:** Congo (Democratic Republic of the): Faradje: AMNH: 1 [1 - 1 - 1].**24 October 1912:** Congo (Democratic Republic of the): Faradje: AMNH: 1 [1 - 1 - 1].**11 November 1912:** Congo (Democratic Republic of the): Faradje: AMNH: 1 [1 - 1 - 1].**2 June 1913:** Congo (Democratic Republic of the): Niangara: AMNH: 1 [1 - 1 - 1].**1 November 1913:** Congo (Democratic Republic of the): Faradje: AMNH: 1 [1 - 1 - 1].**24 January 1914:** Congo (Democratic Republic of the): Avakubi: AMNH: 1 [1 - 1 - 1].**27 January 1914:** Congo (Democratic Republic of the): Niapu: AMNH: 1 [1 - 1 - 1].**13 February 1914:** Congo (Democratic Republic of the): Avakubi: AMNH: 1 [1 - 1 - 1].**14 March 1914:** Congo (Democratic Republic of the): Medje: AMNH: 1 [1 - 1 - 1].**22 December 1914:** Congo (Democratic Republic of the): Kinshasa, near Leopoldville: AMNH: 1 [1 - 1 - 1].

26 January 1915: Congo (Democratic Republic of the): Boma: AMNH: 1 [1 - 1 - 1].

8 July 1915: Congo (Democratic Republic of the): Malela: AMNH: 1 [1 - 1 - 1].

Total Specimens for Lang, Herbert and Chapin, James, P.: 25

Langheld

Collection Date Unknown: Tanzania: Bagamoyo: ZMB: 4 [4] - Mohorro [=Mohoro plantation]: ZMB: 1 [1 - 5 - 5].

Total Specimens for Langheld: 5

Lanza, Benedetto

25 April 1968: Somalia: Giohar: MZUF: 1 [1 - 1 - 1].

Total Specimens for Lanza, Benedetto: 1

Lanza, Benedetto and Puccetti, Maria E. Azzaroli

Collection Date Unknown: Somalia: Galgalo Oase: MZUF: 15 [15 - 15 - 15].

Total Specimens for Lanza, Benedetto and Puccetti, Maria E. Azzaroli: 15

Largen, Clark

9 March 1971: Ethiopia: Yavello, 25 km N: BMNH: 1 [1 - 1 - 1].

Total Specimens for Largen, Clark: 1

Largen, M.J.

Collection Date Unknown: Ethiopia: Bahadu: BMNH: 1 [1] - Didessa river bridge: BMNH: 2 [2] - Gambela: BMNH: 1 [1] - Langano, W coast lake: BMNH: 1 [1 - 5 - 5].

1 January 1969: Ethiopia: Abiata, lake, E coast: SMF: 1 [1 - 1 - 1].

25 May 1969: Ethiopia: Abella: BMNH: 1 [1 - 1 - 1].

8 July 1969: Ethiopia: Rudolf, lake, 10 km NE: BMNH: 1 [1 - 1 - 1].

13 August 1969: Ethiopia: Abaya, lake, West bank: BMNH: 1 [1 - 1 - 1].

13 December 1969: Ethiopia: Bulcha Forest: BMNH: 1 [1 - 1 - 1].

13 February 1970: Ethiopia: Gambela: BMNH: 1 [1 - 1 - 1].

1 March 1970: Ethiopia: Didessa river bridge: BMNH: 1 [1 - 1 - 1].

21 October 1970: Ethiopia: Abiata, lake, E coast: BMNH: 1 [1 - 1 - 1].

30 November 1970: Ethiopia: Bahadu: SMF: 12 [12] - Koka: SMF: 4 [4 - 16 - 16].

20 January 1971: Ethiopia: Bahadu: BMNH: 1 [1 - 1 - 1].

29 July 1971: Ethiopia: Gambela: SMF: 1 [1 - 1 - 1].

23 August 1972: Ethiopia: Pokwo: SMF: 2 [2 - 2 - 2].

20 May 1974: Ethiopia: Arba Minch: SMF: 1 [1 - 1 - 1].

22 September 1974: Ethiopia: Abaya, lake, West bank: BMNH: 1 [1 - 1 - 1].

Total Specimens for Largen, M.J.: 35

Largen, M.J.; Morris, P. and Yalden, Derek

26 December 1970: Ethiopia: Filwoha Awash: BMNH: 1 [1 - 1 - 1].

29 December 1970: Ethiopia: Metahara: BMNH: 1 [1 - 1 - 1].

29 October 1971: Ethiopia: Omar limestone cave, S of: BMNH: 1 [1 - 1 - 1].

1 January 1975: Ethiopia: Sidon: BMNH: 2 [2 - 2 - 2].

Total Specimens for Largen, M.J.; Morris, P. and Yalden, Derek: 5

Largen, P.M.J.

Collection Date Unknown: Ethiopia: Mui: BMNH: 1 [1 - 1 - 1].

Total Specimens for Largen, P.M.J.: 1

Larson, Tom

9 December 1950: Botswana: Mohembo: KU: 4 [4 - 4 - 4].

8 December 1979: South Africa: King Williamstown: AMNH: 1 [1 - 1 - 1].

Total Specimens for Larson, Tom: 5

Larsus, R.

30 January 1981: South Africa: Westville: TM: 11 [11 - 11 - 11].

Total Specimens for Larsus, R.: 11

Lataste collection

Collection Date Unknown: Algeria: Laghouat: MNHN: 1 [1] - Ouargla: MNHN: 1 [1 - 2].
Senegal: Bakel: BMNH: 1 [1 - 1].
Tunisia: El Hamma de Gabès: MNHN: 2 [2 - 2 - 5].

Total Specimens for Lataste collection: 5

Laurent, R. (Prof. Dr.)

Collection Date Unknown: Algeria: Ouarsenis, Djebel: MNHN: 1 [1 - 1].
Congo (Democratic Republic of the): Uvira: RMCA: 1 [1 - 1 - 2].
29 January 1952: Burundi: Nyanza, territory: RMCA: 1 [1 - 1 - 1].
27 July 1959: Congo (Democratic Republic of the): Omaniundu: RMCA: 2 [2 - 2 - 2].

Total Specimens for Laurent, R. (Prof. Dr.): 5

Laurie, J.J.

18 April 1953: Somalia: Hargeisa: BMNH: 1 [1 - 1 - 1].

Total Specimens for Laurie, J.J.: 1

Lavrenchenko, Leonid A.

Collection Date Unknown: Ethiopia: Godare forest: ZMMU: 2 [2] - Godjeb valley, middle: ZMMU: 1 [1] - Hirna and Deder, between: ZMMU: 2 [2] - Koi area: ZMMU: 1 [1] - Sheko area: ZMMU: 1 [1 - 7].
Tanzania: Victoria, lake: ZMMU: 1 [1 - 1 - 8].
17 April 1997: Ethiopia: Beletta forest: ZMMU: 1 [1 - 1 - 1].

Total Specimens for Lavrenchenko, Leonid A.: 9

Lawrence, F.G.

15 August 1932: South Africa: Frederikstad: TM: 1 [1 - 1 - 1].

Total Specimens for Lawrence, F.G.: 1

Layard, E.L.

Collection Date Unknown: South Africa: Cape Town: MCZ: 1 [1 - 1 - 1].

Total Specimens for Layard, E.L.: 1

Le Roi, O.

23 February 1910: Sudan: No, lake: ZFMK: 1 [1 - 1 - 1].
11 March 1910: Ethiopia: Lado: ZFMK: 1 [1 - 1 - 1].
22 March 1910: Sudan: Hellet Nuer: ZFMK: 1 [1 - 1 - 1].

Total Specimens for Le Roi, O.: 3

le Roux, P.L.

Collection Date Unknown: Zambia: Muzubuku: TM: 1 [1 - 1 - 1].

Total Specimens for le Roux, P.L.: 1

Leaket

22 August 1964: Tanzania: Natron, W side lake: BMNH: 2 [2 - 2 - 2].

Total Specimens for Leaket: 2

Lecocq

15 November 1932: Congo (Democratic Republic of the): Lukolela: RMCA: 1 [1 - 1 - 1].

Total Specimens for Lecocq: 1

LeDuc, J.W.

Collection Date Unknown: Benin: Bimbereke: USNM: 4 [4] - Guene: USNM: 6 [6] - Kouande: USNM: 6 [6] - Nikki: USNM: 1 [1] - Parakou: USNM: 3 [3] - Zizonkame: USNM: 1 [1 - 21].
 Cote D'Ivoire: Kong: USNM: 1 [1 - 1].
 Ghana: Legon [Botanical Garden]: USNM: 4 [4 - 4].
 Togo: Gbetope: USNM: 2 [2] - Pagala: USNM: 1 [1 - 3 - 29].
2 December 1967: Ghana: Akwamufe, 1 mi N: USNM: 4 [4] - Tsibu, 7 mi N: USNM: 5 [5 - 9 - 9].
10 December 1967: Cameroon: Mamfe: USNM: 15 [15 - 15].
 Ghana: Adawaso, 4.7 mi E: USNM: 3 [3] - Adawaso, 5.7 mi E: USNM: 2 [2] - Okorasi: USNM: 15 [15 - 20 - 35].
17 December 1967: Ghana: Weija: USNM: 15 [15 - 15 - 15].
19 January 1968: Benin: Bimbereke: USNM: 1 [1 - 1 - 1].
20 January 1968: Benin: Bimbereke: USNM: 1 [1 - 1 - 1].
21 January 1968: Benin: Bimbereke: USNM: 15 [15 - 15 - 15].
29 January 1968: Benin: Guene: USNM: 18 [18 - 18 - 18].
24 February 1968: Benin: Nikki: USNM: 3 [3 - 3 - 3].
27 February 1968: Benin: Parakou: USNM: 1 [1 - 1 - 1].
14 April 1968: Benin: Zizonkame: USNM: 8 [8 - 8 - 8].
15 April 1968: Benin: Zizonkame: USNM: 4 [4 - 4 - 4].
16 April 1968: Benin: Zizonkame: USNM: 4 [4 - 4 - 4].
18 April 1968: Benin: Zizonkame: USNM: 4 [4 - 4 - 4].
21 April 1968: Benin: Soubroukou: USNM: 4 [4 - 4 - 4].
7 May 1968: Benin: Porga: USNM: 1 [1 - 1 - 1].
10 May 1968: Togo: Dapango: USNM: 1 [1 - 1 - 1].
11 May 1968: Togo: Dapango: USNM: 4 [4 - 4 - 4].
16 May 1968: Togo: Padori: USNM: 1 [1 - 1 - 1].
22 May 1968: Togo: Pewa: USNM: 2 [2 - 2 - 2].
24 May 1968: Togo: Pewa: USNM: 3 [3 - 3 - 3].
25 May 1968: Togo: Pewa: USNM: 1 [1 - 1 - 1].
8 July 1968: Togo: Agou: USNM: 1 [1 - 1 - 1].
28 November 1968: Cote D'Ivoire: Banco, forêt de: USNM: 6 [6 - 6 - 6].
6 December 1968: Côte d'Ivoire: Adiopodoumé: USNM: 1 [1 - 1 - 1].
22 December 1968: Cote D'Ivoire: Jacqueville: USNM: 2 [2 - 2 - 2].
12 January 1969: Cote D'Ivoire: Ehania: USNM: 2 [2 - 2 - 2].
18 January 1969: Cote D'Ivoire: Blekoum: USNM: 1 [1 - 1 - 1].
1 March 1969: Cote D'Ivoire: Kahin: USNM: 1 [1 - 1 - 1].
5 March 1969: Cote D'Ivoire: Kahin: USNM: 1 [1 - 1 - 1].
7 March 1969: Cote D'Ivoire: Tyenko: USNM: 2 [2 - 2 - 2].
22 April 1969: Côte d'Ivoire: Adiopodoumé: USNM: 1 [1 - 1 - 1].
3 May 1969: Burkina Faso: Oulo: USNM: 1 [1 - 1 - 1].
12 May 1969: Cote D'Ivoire: Tule: USNM: 1 [1 - 1 - 1].
15 May 1969: Cote D'Ivoire: Kong: USNM: 26 [26 - 26 - 26].
29 May 1969: Cote D'Ivoire: Banco, forêt de: USNM: 1 [1 - 1 - 1].

Total Specimens for LeDuc, J.W.: 211

Leech, R. and Ross, E.

8 August 1957: Congo (Democratic Republic of the): Kilembe, 52 mi S: CAS: 1 [1 - 1 - 1].
2 December 1957: Congo (Democratic Republic of the): Kasenyi: CAS: 1 [1 - 1 - 1].

Total Specimens for Leech, R. and Ross, E.: 2

Lefebure, R.P.

22 November 1949: Congo (Democratic Republic of the): M'Pala, Kazenze: KBIN: 5 [5 - 5 - 5].

Total Specimens for Lefebure, R.P.: 5

Lefebvre, A.

Collection Date Unknown: Egypt: Egypt: MNHN: 1 [1 - 1 - 1].

Total Specimens for Lefebvre, A.: 1

Legwai, J.

15 November 2002: South Africa: Farm Onverwacht 544JT, Sjonajona: TM: 1 [1 - 1 - 1].

Total Specimens for Legwai, J.: 1

Leinweber

Collection Date Unknown: Namibia: Bethanien district: ZMB: 1 [1 - 1 - 1].

Total Specimens for Leinweber: 1

Leirs, Herwig

Collection Date Unknown: Congo (Democratic Republic of the): Mkundi: UIA: 1 [1 - 1].
 Tanzania: Mikumi National Park H.Q.: UIA: 1 [1] - Mnara: UIA: 1 [1] - Rondo Flat [forest]: UIA: 3 [3] - Ruangwa: UIA: 1 [1] - Rungwa mountains: UIA: 13 [13] - Suma: UIA: 2 [2] - Tanzania: UIA: 1 [1 - 22 - 23].
3 July 1987: Tanzania: Rondo Flat [forest]: UIA: 1 [1 - 1 - 1].
23 September 1987: Tanzania: Rungwa mountains: UIA: 2 [2 - 2 - 2].

Total Specimens for Leirs, Herwig: 26

Leirs, Herwig et al.

Collection Date Unknown: Congo (Democratic Republic of the): Kakoi: MSB: 1 [1] - Kikwit: MSB: 234, RMCA: 236 [470] - Kinzambi mission: MSB: 1 [1] - Mbalaka: MSB: 2, RMCA: 3 [5] - Mbwambala: MSB: 1, RMCA: 1 [2 - 479 - 479].
20 June 1995: Congo (Democratic Republic of the): Mbwambala: RMCA: 2 [2 - 2 - 2].
21 June 1995: Congo (Democratic Republic of the): Mbwambala: RMCA: 1 [1 - 1 - 1].
29 June 1995: Congo (Democratic Republic of the): Mbwambala: MSB: 1 [1 - 1 - 1].
6 July 1995: Congo (Democratic Republic of the): Kikwit: MSB: 1, RMCA: 1 [2 - 2 - 2].
21 July 1995: Congo (Democratic Republic of the): Mbalaka: MSB: 1, RMCA: 1 [2 - 2 - 2].
23 July 1995: Congo (Democratic Republic of the): Mbalaka: MSB: 1, RMCA: 1 [2 - 2 - 2].
24 July 1995: Congo (Democratic Republic of the): Kinzambi mission: MSB: 1 [1] - Mbalaka: RMCA: 1 [1 - 2 - 2].
25 July 1995: Congo (Democratic Republic of the): Kinzambi mission: RMCA: 1 [1 - 1 - 1].
26 July 1995: Congo (Democratic Republic of the): Kinzambi mission: MSB: 1 [1 - 1 - 1].
28 July 1995: Congo (Democratic Republic of the): Kinzambi mission: MSB: 1, RMCA: 2 [3 - 3 - 3].
30 July 1995: Congo (Democratic Republic of the): Kinzambi mission: MSB: 1 [1 - 1 - 1].
31 July 1995: Congo (Democratic Republic of the): Kinzambi mission: RMCA: 1 [1 - 1 - 1].
1 August 1995: Congo (Democratic Republic of the): Kikwit: MSB: 3, RMCA: 2 [5 - 5 - 5].

Total Specimens for Leirs, Herwig et al.: 503

Lejeune

Collection Date Unknown: Congo (Democratic Republic of the): Lulimba: RMCA: 1 [1 - 1 - 1].

Total Specimens for Lejeune: 1

Leleup, N.

Collection Date Unknown: Congo (Democratic Republic of the): Uvira: RMCA: 1 [1 - 1 - 1].
1 December 1948: Congo (Democratic Republic of the): Kanzenze: RMCA: 1 [1 - 1 - 1].
2 March 1955: Congo (Democratic Republic of the): Uvira: RMCA: 4 [4 - 4 - 4].
3 March 1955: Congo (Democratic Republic of the): Uvira: RMCA: 1 [1 - 1 - 1].
12 September 1957: Congo (Democratic Republic of the): Uvira: RMCA: 1 [1 - 1 - 1].

Total Specimens for Leleup, N.: 8

Lemaire

Collection Date Unknown: Congo (Democratic Republic of the): Moliro: RMCA: 1 [1 - 1 - 1].

Total Specimens for Lemaire: 1

Lennon

Collection Date Unknown: Malawi: Zomba town: BMNH: 1 [1 - 1 - 1].

Total Specimens for Lennon: 1

Leopold, prince of Belgium

Collection Date Unknown: Congo (Democratic Republic of the): Irumu: RMCA: 1 [1 - 1 - 1].

Total Specimens for Leopold, prince of Belgium: 1

Lepsius

Collection Date Unknown: Egypt: no specific locality: ZMB: 2 [2 - 2].
 Sudan: Khartoum: ZMB: 1 [1 - 1 - 3].

Total Specimens for Lepsius: 3

Leray, G.V.

Collection Date Unknown: Rwanda: Rwankwi: RMCA: 1 [1 - 1 - 1].

Total Specimens for Leray, G.V.: 1

Lervall, Prof.

Collection Date Unknown: Burundi: Bujumbura: RMCA: 1 [1 - 1 - 1].

Total Specimens for Lervall, Prof.: 1

Lester, L.A.

Collection Date Unknown: Namibia: E. Kamombonde 86: LACM: 1 [1] - Farm Okandukaseibe 27: LACM: 1 [1] - Omaruru, 37 km N, 27 km W and 100 km W Eausiro: LACM: 2 [2] - unknown locality: LACM: 1 [1 - 5 - 5].

6 January 1975: Namibia: E. Kamombonde 86: AMNH: 1 [1 - 1 - 1].

Total Specimens for Lester, L.A.: 6

Lewall, Prof.

Collection Date Unknown: Burundi: Bujumbura: RMCA: 1 [1 - 1 - 1].

Total Specimens for Lewall, Prof.: 1

Lewis, D.J. (Mr.)

Collection Date Unknown: Sudan: Wad Medani: BMNH: 1 [1 - 1 - 1].

Total Specimens for Lewis, D.J. (Mr.): 1

Lewis, E. (Mrs)

Collection Date Unknown: South Africa: Kaapse Hoop, Farm Drysdale: TM: 1 [1 - 1 - 1].

Total Specimens for Lewis, E. (Mrs): 1

Lim, Burton K.

21 February 1992: Cote D'Ivoire: Sibabli, 6 km W: ROM: 2 [2 - 2 - 2].

Total Specimens for Lim, Burton K.: 2

Lingebach, J.C.

24 August 1964: Mozambique: Vila Gouveia: USNM: 1 [1 - 1 - 1].

Total Specimens for Lingebach, J.C.: 1

Linnaea

Collection Date Unknown: Togo: Klein-Popo [=Aného]: ZMB: 2 [2 - 2 - 2].

Total Specimens for Linnaea: 2

Linstrom, A.

7 February 1996: South Africa: Lydenberg Vissery [=Fisheries]: TM: 1 [1 - 1 - 1].

Total Specimens for Linstrom, A.: 1

Lips, M.

28 December 1955: Congo (Democratic Republic of the): Lubumbashi: RMCA: 1 [1 - 1 - 1].

29 December 1955: Congo (Democratic Republic of the): Lubumbashi: RMCA: 1 [1 - 1 - 1].

Total Specimens for Lips, M.: 2

Liverseage, T.M.

Collection Date Unknown: Botswana: Sepope: USNM: 1 [1 - 1 - 1].

Total Specimens for Liverseage, T.M.: 1

Liversedge, S.J.

Collection Date Unknown: South Africa: Barberton, 14 km NW: USNM: 2 [2 - 2 - 2].

Total Specimens for Liversedge, S.J.: 2

Liversedge, T.N.

Collection Date Unknown: Botswana: Sepopa: USNM: 1 [1] - Shakawe: USNM: 5 [5 - 6].

Zimbabwe: Sabi-Lundi junction: USNM: 1 [1 - 1 - 7].

24 November 1965: Botswana: Lethlakeng, 11 mi SE: USNM: 3 [3 - 3 - 3].

25 November 1965: Botswana: Lethlakeng, 11 mi SE: USNM: 3 [3 - 3 - 3].

10 July 1966: Botswana: Ghanzi, 20 mi NE: USNM: 1 [1 - 1 - 1].

23 January 1967: Botswana: Mamono, 150 mi S: USNM: 1 [1 - 1 - 1].

24 January 1967: Botswana: Mamono, 150 mi S: USNM: 1 [1 - 1 - 1].

17 April 1967: Botswana: Sepopa: USNM: 2 [2 - 2 - 2].

19 April 1967: Botswana: Sepopa: USNM: 1 [1 - 1 - 1].

20 April 1967: Botswana: Sepopa: USNM: 1 [1 - 1 - 1].

22 April 1967: Botswana: Sepopa: USNM: 1 [1 - 1 - 1].

10 May 1967: Botswana: Shakawe: USNM: 1 [1 - 1 - 1].

28 May 1967: Botswana: Shakawe, 50 mi W, 12 mi S: USNM: 1 [1 - 1 - 1].

25 June 1967: Botswana: Nokaneng, 15 mi N: USNM: 2 [2 - 2 - 2].

Total Specimens for Liversedge, T.N.: 25

Loat, W.L.S., Esq.

Collection Date Unknown: Sudan: Mangala [=Mongalla]: BMNH: 1 [1] - Mongalla: BMNH: 3 [3 - 4 - 4].

Total Specimens for Loat, W.L.S., Esq.: 4

Loder or Lorder

Collection Date Unknown: Uganda: Nabumali: BMNH: 1 [1 - 1 - 1].

11 January 1965: Uganda: Nabumali: BMNH: 1 [1 - 1 - 1].

11 March 1965: Uganda: Mbale: BMNH: 1 [1 - 1 - 1].

29 March 1965: Uganda: Mbale: BMNH: 1 [1] - Nabumali: BMNH: 1 [1 - 2 - 2].

5 April 1965: Uganda: Mbale: BMNH: 1 [1 - 1 - 1].

Total Specimens for Loder or Lorder: 6

Logier, E.B.S.

Collection Date Unknown: Cote D'Ivoire: Bouake: MNHN: 1 [1 - 1 - 1].

Total Specimens for Logier, E.B.S.: 1

Lohr, Dr. R.

11 April 1914: Egypt: Egypt: NMW: 1 [1 - 1 - 1].

Total Specimens for Lohr, Dr. R.: 1

Long, H.

Collection Date Unknown: South Africa: Punda Milia Camp: TM: 1 [1 - 1 - 1].

Total Specimens for Long, H.: 1

Lootens, P. (Rev.)

Collection Date Unknown: Congo (Democratic Republic of the): Boende: RMCA: 85 [85] - Bokuma: RMCA: 48 [48] - Boteka:

RMCA: 7 [7] - Bumba: RMCA: 1 [1] - Ikela: RMCA: 3 [3] - Wafanya: RMCA: 1 [1 - 145 - 145].

18 May 1951: Congo (Democratic Republic of the): Bokuma: RMCA: 1 [1 - 1 - 1].

6 June 1951: Congo (Democratic Republic of the): Bokuma: RMCA: 1 [1 - 1 - 1].

30 January 1952: Congo (Democratic Republic of the): Bokuma: RMCA: 2 [2 - 2 - 2].

2 March 1952: Congo (Democratic Republic of the): Bokuma: RMCA: 4 [4 - 4 - 4].

15 March 1952: Congo (Democratic Republic of the): Bokuma: RMCA: 1 [1 - 1 - 1].

23 March 1952: Congo (Democratic Republic of the): Bokuma: RMCA: 2 [2 - 2 - 2].

20 July 1952: Congo (Democratic Republic of the): Bokuma: RMCA: 1 [1 - 1 - 1].

25 July 1952: Congo (Democratic Republic of the): Bokuma: RMCA: 1 [1 - 1 - 1].

3 June 1955: Congo (Democratic Republic of the): Ikela: RMCA: 1 [1 - 1 - 1].

26 August 1984: Congo (Democratic Republic of the): Boteka: RMCA: 1 [1 - 1 - 1].

25 October 1985: Congo (Democratic Republic of the): Boteka: RMCA: 1 [1 - 1 - 1].

28 November 1987: Congo (Democratic Republic of the): Wafanya: RMCA: 1 [1 - 1 - 1].

5 December 1987: Congo (Democratic Republic of the): Wafanya: RMCA: 1 [1 - 1 - 1].
3 January 1988: Congo (Democratic Republic of the): Wafanya: RMCA: 3 [3 - 3 - 3].
5 December 1988: Congo (Democratic Republic of the): Wafanya: RMCA: 1 [1 - 1 - 1].
10 December 1988: Congo (Democratic Republic of the): Wafanya: RMCA: 1 [1 - 1 - 1].

Total Specimens for Lootens, P. (Rev.): 168

Lorch

Collection Date Unknown: Namibia: Nuichan [=Nuitsas]: ZMB: 1 [1 - 1 - 1].

Total Specimens for Lorch: 1

Loring, J. Alden

Collection Date Unknown: Sudan: Gondokoro: USNM: 1 [1 - 1].
 Uganda: Kampala: USNM: 2 [2 - 2 - 3].

15 January 1910: Sudan: Ledgus: USNM: 1 [1 - 1 - 1].
28 February 1910: Sudan: Gondokoro: USNM: 1 [1 - 1 - 1].
21 March 1910: Sudan: Khartoum: USNM: 2 [2 - 2 - 2].

Total Specimens for Loring, J. Alden: 7

Louette, Michel and Puylaert, Firmin

Collection Date Unknown: Cameroon: Cameroon: RMCA: 2 [2 - 2 - 2].
10 January 1976: Cameroon: Touroua: RMCA: 1 [1 - 1 - 1].
11 January 1976: Cameroon: Touroua: RMCA: 1 [1 - 1 - 1].
12 January 1976: Cameroon: Touroua: RMCA: 1 [1 - 1 - 1].
16 January 1976: Cameroon: Touroua: RMCA: 1 [1 - 1 - 1].

Total Specimens for Louette, Michel and Puylaert, Firmin: 6

Louides, G.J.P.

Collection Date Unknown: Tanzania: South Province: CAWM: 2 [2 - 2 - 2].

Total Specimens for Louides, G.J.P.: 2

Loure and Hickmans

Collection Date Unknown: Zimbabwe: Salisbury: USNM: 1 [1 - 1 - 1].

Total Specimens for Loure and Hickmans: 1

Lourens, J.H.

Collection Date Unknown: Chad: Bebedjia: ZMA: 1 [1 - 1 - 1].
17 July 1970: Chad: Bebedjia: ZMA: 9 [9 - 9 - 9].
13 August 1970: Chad: Bebedjia: ZMA: 1 [1 - 1 - 1].
20 August 1970: Chad: Bebedjia: ZMA: 1 [1 - 1 - 1].

Total Specimens for Lourens, J.H.: 12

Louwdes, C.J.P.

Collection Date Unknown: Tanzania: Liwale: CAWM: 1 [1 - 1 - 1].

Total Specimens for Louwdes, C.J.P.: 1

Loveridge, Arthur

Collection Date Unknown: Mozambique: Lumbo: BMNH: 3 [3 - 3].
 Tanzania: Dar es Salaam: BMNH: 3 [3] - Kilosa: BMNH: 1 [1] - Kitaya: MCZ: 9 [9] - Morogoro: BMNH: 6, USNM: 1 [7] -
 Unyang'anyi: MCZ: 4 [4 - 24 - 27].
3 April 1917: Tanzania: Morogoro: BMNH: 1 [1 - 1 - 1].
15 September 1917: Tanzania: Morogoro: BMNH: 1 [1 - 1 - 1].
13 February 1918: Tanzania: Morogoro: USNM: 4 [4 - 4 - 4].
20 July 1918: Mozambique: Lumbo: BMNH: 1 [1 - 1 - 1].
9 December 1918: Tanzania: Tabora: BMNH: 1 [1 - 1 - 1].
20 January 1919: Tanzania: Dar es Salaam: BMNH: 2 [2 - 2 - 2].
10 May 1920: Tanzania: Kilosa: KM: 2 [2 - 2 - 2].
24 January 1922: Tanzania: Tindiga: BMNH: 1 [1 - 1 - 1].
3 October 1922: Tanzania: Ikungi: BMNH: 1 [1] - Suna: BMNH: 1 [1 - 2 - 2].
4 November 1922: Tanzania: Sagaya: BMNH: 5 [5 - 5 - 5].

4 May 1923: Tanzania: Kilosa: BMNH: 1, USNM: 1 [2 - 2 - 2].
8 May 1923: Tanzania: Kilosa: BMNH: 1 [1 - 1 - 1].
10 May 1923: Tanzania: Kilosa: BMNH: 3 [3 - 3 - 3].
7 November 1923: Tanzania: Gulwe Station: BMNH: 1 [1 - 1 - 1].
14 November 1923: Tanzania: Itende: BMNH: 1 [1 - 1 - 1].
6 March 1930: Tanzania: Rungwa mountains: MCZ: 1 [1 - 1 - 1].
7 March 1930: Tanzania: Mwaya: MCZ: 5 [5] - Rungwa mountains: MCZ: 2 [2 - 7 - 7].
14 June 1930: Tanzania: Ukerewe island: MCZ: 1 [1 - 1 - 1].
18 June 1930: Tanzania: Ukerewe island: MCZ: 1 [1 - 1 - 1].
13 February 1934: Kenya: Kaimosi: MCZ: 1 [1 - 1 - 1].
25 February 1934: Kenya: Kaimosi: MCZ: 1 [1 - 1 - 1].
27 February 1934: Kenya: Kakamega: CM: 1 [1 - 1 - 1].
23 April 1934: Kenya: Mbololo, mount: CM: 1 [1 - 1 - 1].
3 April 1939: Tanzania: Kitaya: MCZ: 1 [1 - 1 - 1].

Total Specimens for Loveridge, Arthur: 70

Loveridge, Arthur and Swaythling

20 May 1918: Kenya: Mombassa: BMNH: 1 [1 - 1 - 1].

Total Specimens for Loveridge, Arthur and Swaythling: 1

Lowe, Willoughby P.

Collection Date Unknown: Sierra Leone: Tasso island: BMNH: 1 [1 - 1 - 1].
31 December 1912: Kenya: Baringo, 30 mi NW: BMNH: 1 [1 - 1 - 1].
13 December 1913: Sudan: Sennaar, 20 mi [=30 km] above: BMNH: 1 [1 - 1 - 1].
27 January 1914: Sudan: Fashoda, near: BMNH: 1 [1 - 1 - 1].
3 February 1914: Sudan: Bahr-el-Zeraf, near mouth: BMNH: 1 [1 - 1 - 1].
26 December 1919: Nigeria: Lagos: BMNH: 1 [1 - 1 - 1].
7 January 1920: Nigeria: Lagos: BMNH: 1 [1 - 1 - 1].
28 May 1921: Sudan: Zalingei: BMNH: 1 [1 - 1 - 1].
30 May 1921: Sudan: Zalingei: BMNH: 1 [1 - 1 - 1].
31 May 1921: Sudan: Zalingei: BMNH: 1 [1 - 1 - 1].
7 December 1934: Ghana: Goaso: BMNH: 1 [1 - 1 - 1].

Total Specimens for Lowe, Willoughby P.: 11

Lübbert

Collection Date Unknown: Namibia: Windhoek: ZMB: 4 [4 - 4 - 4].

Total Specimens for Lübbert: 4

Lühe, Dr.

Collection Date Unknown: Tunisia: Mu'tamadiyat: ZMB: 1 [1] - Tebourba: ZMB: 61 [61] - Tebourba, cave near: ZMB: 15 [15] -
 Tunis: ZMB: 19 [19 - 96 - 96].

Total Specimens for Lühe, Dr.: 96

Lundell, H.W.

Collection Date Unknown: Ethiopia: Bilo: BMNH: 1 [1 - 1 - 1].

Total Specimens for Lundell, H.W.: 1

Lundholm, B.

4 August 1949: South Africa: Sterkfontein caves: TM: 4 [4 - 4 - 4].

Total Specimens for Lundholm, B.: 4

Luttik, R.

15 November 1983: Tanzania: Capri Point: ZMA: 3 [3 - 3 - 3].

Total Specimens for Luttik, R.: 3

Lynes, Hubert (Capt.)

5 April 1914: Sudan: Erkovit: BMNH: 1 [1 - 1 - 1].

Total Specimens for Lynes, Hubert (Capt.): 1

Lynes, Hubert (Capt.) and Lowe, Willoughby P.

5 April 1921: Sudan: Jebel Marra, S foothills: BMNH: 1 [1 - 1 - 1].

30 May 1921: Sudan: Zalingei: BMNH: 1 [1 - 1 - 1].

31 May 1921: Sudan: Zalingei: BMNH: 1 [1 - 1 - 1].

Total Specimens for Lynes, Hubert (Capt.) and Lowe, Willoughby P.: 3

Lynes, Hubert (Rear-Admiral) and Lowe, Willoughby P.

3 April 1924: Sudan: S Jebel Marra, foothills: BMNH: 1 [1 - 1 - 1].

Total Specimens for Lynes, Hubert (Rear-Admiral) and Lowe, Willoughby P.: 1

Maberly, C.J. Ashley

Collection Date Unknown: South Africa: Duwelskloof: TM: 1 [1 - 1 - 1].

Total Specimens for Maberly, C.J. Ashley: 1

MacFadyen, D. and Kone, J.

24 November 2000: South Africa: Pafuri: TM: 21 [21 - 21 - 21].

Total Specimens for MacFadyen, D. and Kone, J.: 21

MacFayden, W.A.

21 January 1948: Somalia: Hargeisa: BMNH: 1 [1 - 1 - 1].

Total Specimens for MacFayden, W.A.: 1

MacGillivray, William S.

Collection Date Unknown: Madeira [Portugal]: Madeira Islands, Madeira Island: BMNH: 1 [1 - 1 - 1].

Total Specimens for MacGillivray, William S.: 1

Machakos

28 August 1983: Kenya: Kiboko: HZM: 1 [1 - 1 - 1].

Total Specimens for Machakos: 1

Mack

Collection Date Unknown: Cameroon: Mamfe: ZMB: 1 [1 - 1 - 1].

Total Specimens for Mack: 1

MacKilligan, Arthur M.

3 August 1903: Egypt: Eastern desert of Egypt: BMNH: 1 [1 - 1 - 1].

12 August 1903: Sudan: Wadi Alagi: BMNH: 1 [1 - 1 - 1].

14 August 1903: Sudan: Wadi Alagi: BMNH: 1 [1 - 1 - 1].

Total Specimens for MacKilligan, Arthur M.: 3

Maclatchy, A. and Malbrant, R.

Collection Date Unknown: Gabon: Booué: MNHN: 1 [1 - 1 - 1].

Total Specimens for Maclatchy, A. and Malbrant, R.: 1

Madkour, Gamal

15 December 1965: Egypt: Abu Rawash: CM: 2 [2 - 2 - 2].

27 March 1966: Egypt: Abu Rawash: CM: 1 [1 - 1 - 1].

16 December 1966: Egypt: Abu Rawash: CM: 1 [1 - 1 - 1].

23 January 1967: Egypt: Abu Rawash: CM: 1 [1 - 1 - 1].

Total Specimens for Madkour, Gamal: 5

Madsen, Harry

9 June 1927: Mali: Timbuktu: ZMUC: 8 [8 - 8 - 8].
7 November 1927: Niger: Zinder: FMNH: 3 [3 - 3 - 3].

Total Specimens for Madsen, Harry: 11

Makawa, J.

Collection Date Unknown: Zambia: Bulaya: BMNH: 1 [1] - Salujinga: NHMZ: 3 [3 - 4 - 4].

Total Specimens for Makawa, J.: 4

Malbrant, R.

Collection Date Unknown: Chad: N'Djamena: USNM: 2 [2 - 2 - 2].
2 March 1936: Chad: N'Djamena: USNM: 1 [1 - 1 - 1].

Total Specimens for Malbrant, R.: 3

Maleka Anna and Ndhlovu T.C.

Collection Date Unknown: South Africa: Pretoria, city centre: TM: 1 [1 - 1 - 1].

Total Specimens for Maleka Anna and Ndhlovu T.C.: 1

Maleka, Anna; Ndhlovu, Captian and Kearney, Teresa Catherine

Collection Date Unknown: South Africa: Twaing Crater: TM: 1 [1 - 1 - 1].
25 November 2002: South Africa: Tswaing Crater: TM: 1 [1 - 1 - 1].
25 November 2003: South Africa: Tswaing Crater: TM: 1 [1 - 1 - 1].

Total Specimens for Maleka, Anna; Ndhlovu, Captian and Kearney, Teresa Catherine: 3

Mann, W.F.

Collection Date Unknown: South Africa: Cape Division: SAMC: 1 [1 - 1 - 1].

Total Specimens for Mann, W.F.: 1

Mansfeld

Collection Date Unknown: Cameroon: Ossidinge [=Mamfe]: ZMB: 9 [9 - 9 - 9].

Total Specimens for Mansfeld: 9

Marais, Hannes

Collection Date Unknown: South Africa: Blyde River Canyon [=Blyderivier, Blyderivierspoort] Nature Reserve, Farm Bourkes Luck 454 [=Bourkes Luck Potholes]: TM: 1 [1 - 1 - 1].

Total Specimens for Marais, Hannes: 1

Mare, D.

Collection Date Unknown: South Africa: Mokeetsi: TM: 1 [1 - 1 - 1].
21 June 1934: South Africa: Farm Mokeetsi 376: TM: 1 [1 - 1 - 1].

Total Specimens for Mare, D.: 2

Marinkelle, C.J.

18 July 1958: Tunisia: Gabès: FMNH: 2 [2 - 2 - 2].

Total Specimens for Marinkelle, C.J.: 2

Marrogordato, J.G.

1 March 1961: Sudan: Jebel el Azraq: HZM: 9 [9 - 9 - 9].

Total Specimens for Marrogordato, J.G.: 9

Marshal, Guy A.R.

26 August 1982: Zimbabwe: Sailsburg: SAMC: 1 [1 - 1 - 1].

Total Specimens for Marshal, Guy A.R.: 1

Marshall Exp.

Collection Date Unknown: Botswana: Drotsky's Cave: TM: 1 [1 - 1 - 1].

29 October 1966: Botswana: Drotsky's Cave: TM: 1 [1 - 1 - 1].

Total Specimens for Marshall Exp.: 2

Martienssen

Collection Date Unknown: Cameroon: no specific locality: ZMB: 1 [1 - 1].

Tanzania: Ambangulu Estates: ZMB: 8 [8] - Magrotto mountains: ZMB: 6 [6] - Tanga: ZMB: 15 [15 - 29 - 30].

Total Specimens for Martienssen: 30

Martorell, F.

19 December 1965: Equatorial Guinea: Bata: RMCA: 1 [1 - 1 - 1].

Total Specimens for Martorell, F.: 1

Maseko, S.

11 May 1952: South Africa: Sterkfontein caves: TM: 1 [1 - 1 - 1].

28 September 1961: Botswana: Drodsky cave: USNM: 1 [1 - 1 - 1].

29 September 1961: Botswana: Drodsky cave: USNM: 8 [8 - 8 - 8].

Total Specimens for Maseko, S.: 10

Mason

Collection Date Unknown: Comoro Islands: Johanna Island [=Anjouan Island]: ZMB: 1 [1 - 1].

Mauritius: no specific locality: ZMB: 1 [1 - 1 - 2].

Total Specimens for Mason: 2

Masterson, H.B. (Mr.)

Collection Date Unknown: Zimbabwe: Chikupo Caves: TM: 1 [1 - 1 - 1].

10 July 1945: Zimbabwe: Chikupo Caves: TM: 1 [1 - 1 - 1].

Total Specimens for Masterson, H.B. (Mr.): 2

Mathias, L.

2 June 1985: South Africa: Weenen Nature Reserve: TM: 1 [1 - 1 - 1].

Total Specimens for Mathias, L.: 1

Mathis, M.

Collection Date Unknown: Tunisia: Tunisia: MNHN: 1 [1 - 1 - 1].

Total Specimens for Mathis, M.: 1

Matthews, L. Harrison

Collection Date Unknown: Tanzania: Mto-Wa-Mbo: BMNH: 1 [1 - 1 - 1].

Total Specimens for Matthews, L. Harrison: 1

Mayné

Collection Date Unknown: Congo (Democratic Republic of the): Congo da Lemba: RMCA: 8 [8 - 8 - 8].

Total Specimens for Mayné: 8

MBizi, exp.

20 April 1949: Congo (Democratic Republic of the): Banana creek: KBIN: 1 [1 - 1 - 1].

Total Specimens for MBizi, exp.: 1

McInnery

1 September 1985: Tanzania: Amani: BMNH: 1 [1 - 1 - 1].**Total Specimens for McInnery: 1**

McIntyre, T.J.

Collection Date Unknown: Cote D'Ivoire: Bouna: USNM: 2 [2 - 2 - 2].**12 June 1969:** Cote D'Ivoire: Soubre, 10 mi WNW: USNM: 1 [1 - 1 - 1].**5 July 1969:** Cote D'Ivoire: Bouna: USNM: 4 [4 - 4 - 4].**17 July 1969:** Cote D'Ivoire: Fetekro: USNM: 2 [2 - 2 - 2].**17 August 1969:** Ghana: Damongo: USNM: 6 [6 - 6 - 6].**Total Specimens for McIntyre, T.J.: 15**

McLean, S.

Collection Date Unknown: South Africa: St. Lucia Estuary: TM: 1 [1] - St. Lucia Village, Croc Centre: TM: 1 [1 - 2 - 2].**Total Specimens for McLean, S.: 2**

McLean, S. (Natal Parks Board)

Collection Date Unknown: South Africa: Dugundhlovu camp site: TM: 1 [1 - 1 - 1].**Total Specimens for McLean, S. (Natal Parks Board): 1**

McLeod, J.

26 December 1966: Zambia: Mazabuka: BMNH: 1 [1 - 1 - 1].**Total Specimens for McLeod, J.: 1**

McWilliam, A.N.

1 March 1977: Kenya: Kivondo Forest: BMNH: 1 [1 - 1 - 1].**Total Specimens for McWilliam, A.N.: 1**

McWilliam, A.N. and Marshall, A.G.

10 July 1974: Ghana: Mole National Park: BMNH: 2 [2 - 2 - 2].**24 July 1974:** Ghana: Samole Motel Camp: BMNH: 1 [1 - 1 - 1].**30 July 1974:** Ghana: Bangweli Camp: BMNH: 1 [1 - 1 - 1].**Total Specimens for McWilliam, A.N. and Marshall, A.G.: 4**

Mduma

6 August 1986: Tanzania: Dar es Salaam: SMF: 1 [1 - 1 - 1].**Total Specimens for Mduma: 1**

Mearns, Edgar Alexander (Dr.)

Collection Date Unknown: Uganda: Kampala: USNM: 1 [1 - 1 - 1].**16 June 1909:** Kenya: South Nguasso Nyiro river: USNM: 1 [1 - 1 - 1].**2 March 1976:** Kenya: Nairobi: USNM: 1 [1 - 1 - 1].**Total Specimens for Mearns, Edgar Alexander (Dr.): 3**

Mechow

Collection Date Unknown: Angola: Malange [=Malanje]: ZMB: 4 [4 - 4].Congo (Democratic Republic of the): Malandje [=Malandji]: ZMB: 1 [1 - 1 - 5].**Total Specimens for Mechow: 5**

Mecklenburg, Adolf Fritz zu (Herzog)

Collection Date Unknown: Chad: Melfi: ZMH: 1 [1 - 1].

Tanzania: Bukoba: ZMB: 7 [7 - 7].
Togo: Kadjamba: ZMB: 4 [4 - 4 - 12].

Total Specimens for Mecklenburg, Adolf Fritz zu (Herzog): 12

Mees, G.F.

29 November 1973: Nigeria: Bacita: RMNH: 1 [1 - 1 - 1].
6 December 1973: Nigeria: Bacita: RMNH: 1 [1 - 1 - 1].
11 December 1973: Nigeria: Bacita: RMNH: 1 [1 - 1 - 1].

Total Specimens for Mees, G.F.: 3

Meester

21 April 1961: South Africa: Skukuza: TM: 1 [1] - Skukuza Koppies: TM: 1 [1 - 2 - 2].

Total Specimens for Meester: 2

Meester, J.

Collection Date Unknown: South Africa: Bishopstowe cave: TM: 2 [2] - Mariepskop: TM: 13 [13] - Port St. Johns: TM: 3 [3] - Skukuza Koppies: TM: 5 [5 - 23 - 23].

17 March 1955: South Africa: Bishopstowe cave: TM: 5 [5 - 5 - 5].
13 September 1956: South Africa: Skurweberg cave: TM: 1 [1 - 1 - 1].
13 November 1956: South Africa: Skurweberg cave: TM: 10 [10 - 10 - 10].
16 November 1956: South Africa: Skurweberg cave: TM: 1 [1 - 1 - 1].
12 January 1957: South Africa: Skurweberg cave: TM: 1 [1 - 1 - 1].
14 January 1957: South Africa: Skurweberg cave: TM: 1 [1 - 1 - 1].
12 January 1959: South Africa: Skurweberg cave: TM: 1 [1 - 1 - 1].
22 April 1961: South Africa: Skukuza: TM: 1 [1 - 1 - 1].

Total Specimens for Meester, J.: 44

Meester, J. and Coetzee, C.G.

17 May 1961: South Africa: Skurweberg cave: TM: 1 [1 - 1 - 1].

Total Specimens for Meester, J. and Coetzee, C.G.: 1

Meester, J. and Stegman, D.

Collection Date Unknown: South Africa: Makupana cave: TM: 2 [2 - 2 - 2].

Total Specimens for Meester, J. and Stegman, D.: 2

Meester, J.A.J. "Waldo"

17 March 1955: South Africa: Bishopstowe cave: TM: 1 [1 - 1 - 1].
17 March 1959: South Africa: Bishopstowe cave: TM: 1 [1 - 1 - 1].
11 July 1976: South Africa: Pietermaritzburg: SMF: 1 [1 - 1 - 1].
18 July 1976: South Africa: Pietermaritzburg: SMF: 1 [1 - 1 - 1].
21 July 1976: South Africa: Pietermaritzburg: SMF: 1 [1 - 1 - 1].

Total Specimens for Meester, J.A.J. "Waldo": 5

Meirte, Danny

3 October 1980: Rwanda: Gisovu: RMCA: 1 [1 - 1 - 1].
6 October 1980: Rwanda: Kibuye: RMCA: 1 [1 - 1 - 1].
7 October 1980: Rwanda: Kibuye: RMCA: 2 [2 - 2 - 2].
8 October 1980: Rwanda: Kibuye: RMCA: 2 [2 - 2 - 2].
10 October 1980: Rwanda: Mabanza: RMCA: 1 [1 - 1 - 1].
19 October 1980: Rwanda: Nyundo: RMCA: 1 [1 - 1 - 1].
22 April 1982: Burundi: Bujumbura: RMCA: 1 [1 - 1 - 1].

Total Specimens for Meirte, Danny: 9

Melchow

Collection Date Unknown: Cameroon: Malanga: ZMB: 1 [1 - 1 - 1].

Total Specimens for Melchow: 1

Mensah, P.E.

Collection Date Unknown: Ghana: Mpraeso: ROM: 1 [1] - Nkawkaw: ROM: 2 [2 - 3 - 3].
13 January 1964: Ghana: MomPort: ROM: 1 [1 - 1 - 1].
22 December 1968: Ghana: Ankasi: ROM: 10 [10 - 10 - 10].
5 January 1969: Ghana: Bekwai Ash: ROM: 3 [3 - 3 - 3].
16 January 1969: Ghana: Kumari, 17 mi from: ROM: 2 [2 - 2 - 2].
19 September 1969: Ghana: Kuuni, 48 mi from: ROM: 1 [1 - 1 - 1].
19 October 1971: "Africa": Unknown locality: ROM: 1 [1 - 1 - 1].

Total Specimens for Mensah, P.E.: 21

Menzies, J.J.

Collection Date Unknown: Sierra Leone: Kassewa Forest Reserve: BMNH: 2 [2 - 2 - 2].

Total Specimens for Menzies, J.J.: 2

Merenski

Collection Date Unknown: South Africa: Botshabelo: ZMB: 1 [1 - 1 - 1].

Total Specimens for Merenski: 1

Merfield, F.G.

Collection Date Unknown: Cameroon: Lomie district: BMNH: 1 [1 - 1 - 1].
31 May 1932: Cameroon: Lumbindu: BMNH: 1 [1 - 1 - 1].

Total Specimens for Merfield, F.G.: 2

Mertens, Robert (dr.)

29 September 1952: Namibia: Windhoek: SMF: 1 [1 - 1 - 1].

Total Specimens for Mertens, Robert (dr.): 1

Mesmaeckers, Is.

Collection Date Unknown: Congo (Democratic Republic of the): Banana: RMCA: 7 [7] - Boma: RMCA: 2 [2 - 9 - 9].
12 April 1952: Congo (Democratic Republic of the): Banana: RMCA: 1 [1 - 1 - 1].

Total Specimens for Mesmaeckers, Is.: 10

Methner

Collection Date Unknown: Tanzania: Nangoma cave?: ZMB: 2 [2 - 2 - 2].

Total Specimens for Methner: 2

Meyer, Andre

15 December 1973: South Africa: Farm Klipfontein 407, Echo caves: TM: 5 [5 - 5 - 5].

Total Specimens for Meyer, Andre: 5

Miceli, F.

Collection Date Unknown: Tunisia: Tunis: SMF: 2 [2 - 2 - 2].

Total Specimens for Miceli, F.: 2

Micha, M.

26 November 1947: Congo (Democratic Republic of the): Gangala-na-Bodio: KBIN: 1 [1 - 1 - 1].

Total Specimens for Micha, M.: 1

Michahelles

Collection Date Unknown: Egypt: no specific locality: ZMB: 4 [4 - 4 - 4].

Total Specimens for Michahelles: 4

Milet-Horsin, M.

4 February 1921: Niger: Niger: MNHN: 1 [1 - 1 - 1].

Total Specimens for Milet-Horsin, M.: 1

Miller, N.C.E.

10 June 1947: Zimbabwe: Umtali Old Mine: BMNH: 1 [1 - 1 - 1].

19 October 1948: Zimbabwe: Odzi district: BMNH: 1 [1 - 1 - 1].

Total Specimens for Miller, N.C.E.: 2

Milton

18 September 1949: Malawi: Mwaya: BMNH: 1 [1 - 1 - 1].

Total Specimens for Milton: 1

Minter, D.M.

18 April 1963: Kenya: Naivasha, lake: USNM: 2 [2 - 2 - 2].

Total Specimens for Minter, D.M.: 2

Mischlich

Collection Date Unknown: Ghana: Bimbila: ZMB: 1 [1] - Kete Kratchi: ZMB: 1 [1 - 2].

Unknown country: Napa-ire: ZMB: 1 [1 - 1 - 3].

Total Specimens for Mischlich: 3

Misonne, Xavier

Collection Date Unknown: Congo (Democratic Republic of the): Leopoldville [=Kinshasa]: KBIN: 1 [1 - 1 - 1].

26 March 1966: Congo (Democratic Republic of the): Lubumbashi: RMCA: 1 [1 - 1 - 1].

Total Specimens for Misonne, Xavier: 2

Mission F.A.A.

5 August 1929: Madagascar: Ivohiho: MNHN: 1 [1 - 1 - 1].

Total Specimens for Mission F.A.A.: 1

Mission Frantf...

Collection Date Unknown: "Africa": Northern Africa: SMNS: 1 [1 - 1 - 1].

Total Specimens for Mission Frantf....: 1

Missione Biologica Somalia

26 August 1962: Somalia: Villabruzzo [=Villa del dottore Abruzzi]: MZUF: 1 [1 - 1 - 1].

Total Specimens for Missione Biologica Somalia: 1

Mitchell

29 November 1961: Zimbabwe: Miami, 4 mi E: HZM: 1 [1 - 1 - 1].

Total Specimens for Mitchell: 1

Mitchell, J.P.

4 June 1922: Ethiopia: Bahr der Giorgis: BMNH: 1 [1 - 1 - 1].

Total Specimens for Mitchell, J.P.: 1

Mittendorf, H.

22 August 1967: Namibia: Karibib: ZFMK: 1 [1 - 1 - 1].

27 August 1967: Namibia: Karibib: ZFMK: 3 [3 - 3 - 3].

9 March 1969: Namibia: Windhoek: ZFMK: 3 [3 - 3 - 3].

Total Specimens for Mittendorf, H.: 7

Möbius

Collection Date Unknown: Mauritius: no specific locality: ZMB: 2 [2 - 2 - 2].**Total Specimens for Möbius: 2**

Mochaki, Stephina

Collection Date Unknown: South Africa: Shoshanguve: TM: 1 [1 - 1 - 1].**Total Specimens for Mochaki, Stephina: 1**

Mohr

Collection Date Unknown: South Africa: Port Natal [=Durban]: ZMB: 1 [1 - 1 - 1].**Total Specimens for Mohr: 1**

Möhres, Prof.

Collection Date Unknown: Egypt: : SMNS: 2 [2 - 2 - 2].**Total Specimens for Möhres, Prof.: 2**

Monadjem, Ara (Dr.)

Collection Date Unknown: Swaziland: Bethlehem Mission: TM: 2 [2] - Dinedor: TM: 1 [1] - Dwalile Primary School: TM: 2 [2] - Ekuphakameni High School: TM: 1 [1] - Forbes Gold Mine [=Forbes Reef Gold Mine]: TM: 2 [2] - Hlane [2]: TM: 2 [2] - Luyengo: TM: 3 [3] - Malalotja Cottage: TM: 1 [1] - Mlawula Nature Reserve: TM: 2 [2] - Ngcoseni Primary: TM: 9 [9] - Rosecraft: TM: 2 [2 - 27 - 27].**8 January 2005:** Swaziland: Wyldesdale: DNSM: 2 [2 - 2 - 2].**21 September 2005:** Swaziland: Forbes Gold Mine [=Forbes Reef Gold Mine]: TM: 2 [2 - 2 - 2].**26 September 2005:** Swaziland: Ebaleni: TM: 2 [2 - 2 - 2].**15 October 2005:** Swaziland: Rosecraft: TM: 2 [2 - 2 - 2].**17 October 2005:** Swaziland: Bhubesi Camp: TM: 2 [2 - 2 - 2].**19 January 2006:** Swaziland: Mlawula Nature Reserve: TM: 2 [2 - 2 - 2].**Total Specimens for Monadjem, Ara (Dr.): 39**

Monadjem, Ara (Dr.).

Collection Date Unknown: Swaziland: Byrhytes mine: DNSM: 1 [1 - 1 - 1].**6 February 1996:** Swaziland: Nsoko [=Forbes Ranch]: TM: 1 [1 - 1 - 1].**12 February 1996:** Swaziland: Byrhytes mine: TM: 1 [1 - 1 - 1].**Total Specimens for Monadjem, Ara (Dr.): 3**

Monadjem, Ara (Dr.); Kearney, Teresa Catherine (Dr.) and Seamark Ernest Charles James

2 February 2006: Swaziland: Mlawula Nature Reserve 1: TM: 6 [6 - 6 - 6].**3 February 2006:** Swaziland: Mlawula Nature Reserve 1: TM: 2 [2 - 2 - 2].**Total Specimens for Monadjem, Ara (Dr.); Kearney, Teresa Catherine (Dr.) and Seamark Ernest Charles James: 8**

Monard, A. (Dr.)

Collection Date Unknown: Angola: Angola: MHNG: 1 [1] - Humbe: MHNG: 1 [1] - Sangué: MHNG: 1 [1 - 3].
Guinea-Bissau: Madina Boé: RMCA: 1 [1] - Mansoa: RMCA: 4 [4] - Ponta Robalo: MHNG: 2 [2 - 7 - 10].**3 January 1933:** Angola: Kuvangu Mission: MHNG: 1 [1 - 1 - 1].**24 November 1937:** Guinea-Bissau: Ponta Robalo: MHNG: 1 [1 - 1 - 1].**25 November 1937:** Guinea-Bissau: Ponta Robalo: RMCA: 2 [2 - 2 - 2].**14 December 1937:** Guinea-Bissau: Mansoa: MHNG: 1 [1 - 1 - 1].**17 December 1937:** Guinea-Bissau: Mansoa: NMBE: 1 [1 - 1 - 1].**9 March 1939:** Guinea-Bissau: Madina Boé: RMCA: 1 [1 - 1 - 1].**Total Specimens for Monard, A. (Dr.): 17**

Monard, A. (Dr.) and Aellen, Villy

11 July 1947: Cameroon: Ngaouyanga: MHNC: 1 [1 - 1 - 1].

Total Specimens for Monard, A. (Dr.) and Aellen, Villy: 1

Monks, D. and Foster, J.B.

8 September 1966: Kenya: Voi: ROM: 2 [2 - 2 - 2].**Total Specimens for Monks, D. and Foster, J.B.: 2**

Monteiro

Collection Date Unknown: Angola: Benguela: ZMB: 7 [7 - 7 - 7].**Total Specimens for Monteiro: 7**

Mook, Schneider, Basel

Collection Date Unknown: Egypt: Helonan [=Helouan -> Helwan]: ZMB: 2 [2 - 2 - 2].**Total Specimens for Mook, Schneider, Basel: 2**

Moore, A.L.

8 February 1964: Mozambique: Massangena: USNM: 1 [1 - 1 - 1].**Total Specimens for Moore, A.L.: 1**

Morgen

Collection Date Unknown: Cameroon: Kribi: ZMB: 1 [1 - 1 - 1].**Total Specimens for Morgen: 1**

Moritz, L.J.

5 September 1982: Sudan: Agok: MSU: 3 [3 - 3 - 3].**10 September 1982:** Sudan: Mbili: MSU: 1 [1 - 1 - 1].**23 September 1982:** Sudan: Wau: MSU: 1 [1 - 1 - 1].**5 October 1982:** Sudan: Agok: MSU: 1 [1 - 1 - 1].**27 November 1982:** Sudan: Raga: MSU: 1 [1 - 1 - 1].**Total Specimens for Moritz, L.J.: 7**

Morris, P. - [Great Abbai Expedition]

15 August 1968: Ethiopia: Mabil, 10 km W: BMNH: 2 [2 - 2 - 2].**18 August 1968:** Ethiopia: Mabil: BMNH: 5 [5] - Mabil, 10 km W: BMNH: 1 [1 - 6 - 6].**19 August 1968:** Ethiopia: Mabil, 10 km W: BMNH: 2 [2 - 2 - 2].**25 September 1968:** Ethiopia: Awash national park: BMNH: 2 [2 - 2 - 2].**27 September 1968:** Ethiopia: Awash national park: BMNH: 1 [1 - 1 - 1].**28 September 1968:** Ethiopia: Awash national park: BMNH: 4 [4 - 4 - 4].**Total Specimens for Morris, P. - [Great Abbai Expedition]: 17**

Mothlasedi, S

14 March 1988: South Africa: Ngome Forest Reserve: TM: 1 [1 - 1 - 1].**Total Specimens for Mothlasedi, S: 1**

Mothlasedi, S.

Collection Date Unknown: South Africa: Wakkerstroom: TM: 1 [1 - 1 - 1].**Total Specimens for Mothlasedi, S.: 1**

Moyer, D.

18 March 1982: Tanzania: Tatanda: SMF: 3 [3 - 3 - 3].**Total Specimens for Moyer, D.: 3**

Mpumalanga Parks Board

Collection Date Unknown: Unknown Country: : TM: 4 [4 - 4 - 4].

Total Specimens for Mpumalanga Parks Board: 4

Msuya, C.A.

Collection Date Unknown: Tanzania: Mwanihana Forest: SMF: 1 [1 - 1 - 1].
1 June 1977: Tanzania: Behobeho: SMF: 1 [1 - 1 - 1].

Total Specimens for Msuya, C.A.: 2

Mturi, F.A.

19 March 1995: Tanzania: Tanangire National Park: AMNH: 1 [1 - 1 - 1].

Total Specimens for Mturi, F.A.: 1

Muche, B.

21 August 1965: Botswana: Francistown: HZM: 2, ZFMK: 3 [5 - 5 - 5].
22 August 1965: Botswana: Francistown: HZM: 1 [1 - 1 - 1].
23 August 1965: Botswana: Francistown: ZFMK: 1 [1 - 1 - 1].
8 September 1965: Botswana: Francistown: ZFMK: 1 [1 - 1 - 1].
9 September 1965: Botswana: Francistown: ZFMK: 1 [1 - 1 - 1].

Total Specimens for Muche, B.: 9

Muir, G.J.

Collection Date Unknown: Kenya: Malindi: BMNH: 1 [1 - 1 - 1].

Total Specimens for Muir, G.J.: 1

Müller

Collection Date Unknown: Somalia: Mogadishu [=Mogadishu =Moqdisho]: ZMB: 48 [48] - no specific locality: ZMB: 4 [4 - 52 - 52].

Total Specimens for Müller: 52

Muller, H.

10 March 1988: South Africa: Ngome Forest Reserve: TM: 5 [5 - 5 - 5].

Total Specimens for Muller, H.: 5

Mumford, R.E.

Collection Date Unknown: Kenya: Barberton Farm: USNM: 2 [2] - Kakamega forest: USNM: 1 [1] - Kitale, 7 mi E: USNM: 1 [1] - Ngong Hills: USNM: 2 [2 - 6 - 6].

13 June 1963: Kenya: Kakamega forest, 8 mi SE: USNM: 1 [1 - 1 - 1].
16 June 1963: Kenya: Kakamega forest, 8 mi SE: ROM: 1, USNM: 1 [2 - 2 - 2].
17 June 1963: Kenya: Kakamega forest, 8 mi SE: USNM: 1 [1 - 1 - 1].
29 June 1963: Kenya: Ngong Hills: USNM: 1 [1 - 1 - 1].
1 July 1963: Kenya: Ngong Hills: USNM: 1 [1 - 1 - 1].
8 July 1963: Kenya: Mara river, 15 mi up: USNM: 1 [1 - 1 - 1].
9 July 1963: Kenya: Lemek hill: USNM: 1 [1 - 1 - 1].
24 July 1963: Kenya: Ngong Hills: USNM: 1 [1 - 1 - 1].
26 July 1963: Kenya: Barberton Farm: USNM: 2 [2 - 2 - 2].
27 July 1963: Kenya: Barberton farm: ROM: 1 [1 - 1 - 1].
28 July 1963: Kenya: Barberton Farm: USNM: 1 [1 - 1 - 1].
14 August 1963: Kenya: Kilifi: USNM: 1 [1] - Ngombeni caves: USNM: 1 [1] - Ngong Hills: USNM: 1 [1 - 3 - 3].
15 August 1963: Kenya: Ngombeni caves: USNM: 3 [3 - 3 - 3].
20 August 1963: Kenya: Kilifi: USNM: 2 [2] - Ndi: USNM: 1 [1 - 3 - 3].
25 January 1975: Burkina Faso: Nobéré, 2 km S: ROM: 1 [1 - 1 - 1].

Total Specimens for Mumford, R.E.: 29

Mundt

Collection Date Unknown: South Africa: Cape of Good Hope: ZMB: 1 [1 - 1 - 1].

Total Specimens for Mundt: 1

Mundt and Maire

Collection Date Unknown: South Africa: Cape of Good Hope: ZMB: 1 [1 - 1 - 1].

Total Specimens for Mundt and Maire: 1

Murdoch, W.P. Jr.

17 August 1969: Ghana: Damongo: USNM: 5 [5 - 5 - 5].

Total Specimens for Murdoch, W.P. Jr.: 5

Museum Expedition

Collection Date Unknown: South Africa: Farm Secheili's Oude Stad 6: TM: 1 [1 - 1 - 1].

Total Specimens for Museum Expedition: 1

Mutashiya

19 December 1975: Congo (Democratic Republic of the): Kingabwe: RMCA: 1 [1 - 1 - 1].

Total Specimens for Mutashiya: 1

Mutere, F.A.

Collection Date Unknown: Rwanda: Nyakibanda: RMCA: 8 [8 - 8 - 8].

17 December 1961: Uganda: Bukalasa: SMF: 1 [1 - 1 - 1].

17 February 1964: Uganda: Entebbe: BMNH: 1 [1 - 1 - 1].

Total Specimens for Mutere, F.A.: 10

Myers

18 November 1940: Sudan: Kagelu: AMNH: 1 [1 - 1 - 1].

Total Specimens for Myers: 1

Nagtglass, C.J.M.

Collection Date Unknown: Ghana: Côte d'Or: RMNH: 2 [2] - Gold Coast: RMNH: 1 [1 - 3 - 3].

Total Specimens for Nagtglass, C.J.M.: 3

Namete, P.

Collection Date Unknown: South Africa: Ladyselborne: TM: 3 [3 - 3 - 3].

Total Specimens for Namete, P.: 3

Nanni, R.

10 December 1987: South Africa: Ngome Forest Reserve: TM: 1 [1 - 1 - 1].

Total Specimens for Nanni, R.: 1

Nash, T.A. (Dr.)

Collection Date Unknown: Nigeria: Zaria: BMNH: 1 [1 - 1 - 1].

Total Specimens for Nash, T.A. (Dr.): 1

National Museum Bulawayo, the

27 March 1951: Zimbabwe: Gourlays Block: BMNH: 1 [1 - 1 - 1].

Total Specimens for National Museum Bulawayo, the: 1

NATURE ???

Collection Date Unknown: Congo (Democratic Republic of the): unknown locality: TM: 1 [1 - 1 - 1].

Total Specimens for NATURE ????: 1

Nature Conservation (TPA)

Collection Date Unknown: South Africa: Shashi-Limpopo River confluence: TM: 1 [1 - 1 - 1].

Total Specimens for Nature Conservation (TPA): 1

Naude, J.J.C.

Collection Date Unknown: South Africa: Bronkhorstspuit: TM: 1 [1 - 1 - 1].

Total Specimens for Naude, J.J.C.: 1

Naumann and eichert

14 July 1931: Tanzania: Lipumba: SMTD: 1 [1 - 1 - 1].

Total Specimens for Naumann and eichert: 1

Ndhlovu, Captain and Kearney, Teresa Catherine (Dr.)

Collection Date Unknown: South Africa: Farm Blaauwbank 168JS: TM: 1 [1 - 1 - 1].

13 November 2002: South Africa: Farm Onverwacht 544JT, Sjonajona: TM: 1 [1 - 1 - 1].

Total Specimens for Ndhlovu, Captain and Kearney, Teresa Catherine (Dr.): 2

Neave, S.A.

16 May 1904: Zimbabwe: Kapovka, mount: BMNH: 1 [1 - 1 - 1].

2 March 1908: Zambia: Loangwa valley: BMNH: 1 [1 - 1 - 1].

Total Specimens for Neave, S.A.: 2

Nehring, Alfred

Collection Date Unknown: Algeria: Algiers: ZMB: 1 [1 - 1].

Egypt ?: no specific locality: ZMB: 1 [1 - 1 - 2].

Total Specimens for Nehring, Alfred: 2

Nel, D.J.

27 September 1960: South Africa: Farm Geluk: TM: 1 [1 - 1 - 1].

Total Specimens for Nel, D.J.: 1

Nel, F.

15 October 1974: South Africa: Loskopdam Nature Reserve: TM: 3 [3 - 3 - 3].

Total Specimens for Nel, F.: 3

Nel, Flip

27 January 1982: South Africa: Levuvhu hippo pool: TM: 1 [1 - 1 - 1].

Total Specimens for Nel, Flip: 1

Nelson, H.

3 October 1938: Egypt: Luxor: FMNH: 2 [2 - 2 - 2].

Total Specimens for Nelson, H.: 2

Nelson, K.

15 October 1985: Kenya: Makandara picnic site: AMNH: 1 [1 - 1 - 1].

Total Specimens for Nelson, K.: 1

Neser, N.

20 January 1990: Zimbabwe: Sentinal Ranch: TM: 1 [1 - 1 - 1].

Total Specimens for Neser, N.: 1

Neser, Walter

Collection Date Unknown: South Africa: Farm Tangala 87: TM: 1 [1] - Farm Zanrivier: TM: 1 [1] - Grootkloof: TM: 1 [1] - Luipershoek: TM: 1 [1 - 4 - 4].
20 January 1990: Zimbabwe: Sentinal Ranch: TM: 4 [4] - Sentinel Ranch: TM: 1 [1 - 5 - 5].
10 February 1990: Zimbabwe: Sentinal Ranch: TM: 1 [1 - 1 - 1].

Total Specimens for Neser, Walter: 10

Neumann

Collection Date Unknown: "Africa": Eastern Africa: ZMB: 1 [1 - 1].
 Ethiopia: Djala: ZMB: 1 [1] - Djiren [=Jiren]: ZMB: 1 [1] - Galana river: ZMB: 2 [2] - Gofa: ZMB: 1 [1 - 5].
 Kenya: Kavirondo [Gulf]: ZMB: 1 [1] - Nguruman Escarpment: ZMB: 2 [2 - 3].
 Tanzania: Mojoni [=Muyuni]: ZMB: 11 [11] - Moshi: ZMB: 1 [1] - Muansa [=Mwanza]: ZMB: 1 [1] - Ngoroine [=Nguruimij]: ZMB: 2 [2] - Tanga: ZMB: 5 [5] - Tanga, hole/cave near: ZMB: 5 [5] - Usandawe [=Sandawe]: ZMB: 2 [2] - Zanzibar: ZMB: 3 [3 - 30].
 Unknown Country: : ZMB: 4 [4] - Galpa river: ZMB: 1 [1] - Kwa Kitoto and Mengo: ZMB: 1 [1 - 6 - 45].

Total Specimens for Neumann: 45

Neumann, O.

Collection Date Unknown: Tanzania: Moshi: ZMB: 1 [1 - 1 - 1].

Total Specimens for Neumann, O.: 1

Neumann, Uhlenhut

Collection Date Unknown: Ethiopia: Dire Dawa: ZMB: 4 [4 - 4 - 4].

Total Specimens for Neumann, Uhlenhut: 4

Neuve

Collection Date Unknown: Congo (Democratic Republic of the): Dikulwe river: BMNH: 1 [1 - 1 - 1].

Total Specimens for Neuve: 1

Newberry

12 March 1965: South Africa: King Williamstown: KM: 1 [1 - 1 - 1].

Total Specimens for Newberry: 1

Newberry, C. (TPA)

Collection Date Unknown: South Africa: S A Lombaard Nature reserve: TM: 1 [1 - 1 - 1].

Total Specimens for Newberry, C. (TPA): 1

Newbery, C. (NWP Nat. Cons)

Collection Date Unknown: South Africa: Rustenburg Nature Reserve: TM: 1 [1 - 1 - 1].

Total Specimens for Newbery, C. (NWP Nat. Cons): 1

Newbery, C. (NWP Nat. Cons.)

24 September 1996: South Africa: Molopo Nature Reserve: TM: 1 [1 - 1 - 1].

Total Specimens for Newbery, C. (NWP Nat. Cons.): 1

Newbery, C. (NWP: DTEA)

11 March 1996: South Africa: Molopo Nature Reserve: TM: 1 [1 - 1 - 1].

Total Specimens for Newbery, C. (NWP: DTEA): 1

Newbury, R.

Collection Date Unknown: South Africa: Farm Rhenosterspruit 59JQ: TM: 2 [2] - Farm River 141 MS: TM: 1 [1 - 3 - 3].
20 May 1982: South Africa: Farm Zusterstroom 447JR: TM: 1 [1 - 1 - 1].

Total Specimens for Newbury, R.: 4

Newman, D.H.

5 July 1962: Zambia: Lusingazi Game Camp: BMNH: 1 [1 - 1 - 1].**Total Specimens for Newman, D.H.: 1**

Ngam, V.N.

29 June 1970: Cameroon: Muyuna Town: ROM: 1 [1 - 1 - 1].
7 July 1970: Cameroon: Ekona [=Ekowa]: ROM: 2 [2 - 2 - 2].
8 December 1970: Cameroon: Mangamba: ROM: 1 [1 - 1 - 1].
10 December 1970: Cameroon: Malende Swamp area: ROM: 4 [4 - 4 - 4].
13 December 1970: Cameroon: Mangamba: ROM: 2 [2 - 2 - 2].
20 December 1970: Cameroon: Mangamba: ROM: 1 [1 - 1 - 1].

Total Specimens for Ngam, V.N.: 11

Nicoll, J.

Collection Date Unknown: Egypt: Gizeh: BMNH: 1 [1 - 1 - 1].
16 October 1908: Egypt: Gizeh: BMNH: 4 [4 - 4 - 4].

Total Specimens for Nicoll, J.: 5

Nield, M.

2 August 1963: Kenya: Kitale, 18 mi SW: USNM: 2 [2 - 2 - 2].**Total Specimens for Nield, M.: 2**

Nielsen, Mrs.

Collection Date Unknown: Nigeria: Ibadan: BMNH: 1 [1 - 1 - 1].**Total Specimens for Nielsen, Mrs.: 1**

Niethammer, G.

Collection Date Unknown: Namibia: Okahandja: ZFMK: 1 [1 - 1 - 1].
9 September 1938: Namibia: Otjimbojo: ZFMK: 2 [2 - 2 - 2].
16 February 1959: Namibia: De Valle: ZFMK: 5 [5 - 5 - 5].

Total Specimens for Niethammer, G.: 8

Nikolaus, G.

Collection Date Unknown: Ethiopia: Gambela: SMF: 4, ZFMK: 10 [14 - 14].
 Sudan: Juba: SMNS: 1 [1] - Sudan: SMNS: 1 [1 - 2 - 16].
24 February 1972: Ethiopia: Gambela: ZFMK: 1 [1 - 1 - 1].
22 June 1972: Ethiopia: Gambela: ZFMK: 1 [1 - 1 - 1].
24 June 1972: Ethiopia: Gambela: ZFMK: 1 [1 - 1 - 1].
26 June 1972: Ethiopia: Gambela: ZFMK: 4 [4 - 4 - 4].
30 June 1972: Ethiopia: Gambela: ZFMK: 2 [2 - 2 - 2].
1 July 1972: Ethiopia: Gambela: ZFMK: 1 [1 - 1 - 1].
4 July 1972: Ethiopia: Gambela: ZFMK: 1 [1 - 1 - 1].
14 July 1972: Ethiopia: Gambela: ZFMK: 1 [1 - 1 - 1].
24 July 1972: Ethiopia: Gambela: ZFMK: 1 [1 - 1 - 1].
28 July 1972: Ethiopia: Gambela: ZFMK: 1 [1 - 1 - 1].
2 August 1972: Ethiopia: Gambela: ZFMK: 2 [2 - 2 - 2].
3 August 1972: Ethiopia: Gambela: ZFMK: 2 [2 - 2 - 2].
8 August 1972: Ethiopia: Gambela: ZFMK: 1 [1 - 1 - 1].
24 August 1972: Ethiopia: Gambela: ZFMK: 2 [2 - 2 - 2].
6 November 1972: Ethiopia: Gambela: ZFMK: 2 [2 - 2 - 2].
20 December 1972: Ethiopia: Gambela: ZFMK: 1 [1 - 1 - 1].
27 September 1975: Ethiopia: Koka: SMF: 1 [1 - 1 - 1].
30 September 1975: Ethiopia: Afdem: SMF: 1 [1 - 1 - 1].
12 October 1975: Ethiopia: Afdem: SMF: 1 [1 - 1 - 1].
19 October 1975: Ethiopia: Jimma, 5 km E: SMF: 2 [2 - 2 - 2].
29 October 1975: Ethiopia: Doki river bridge: SMF: 5 [5 - 5 - 5].
31 October 1975: Ethiopia: Didessa river bridge: SMF: 1 [1] - Doki river bridge: SMF: 1 [1 - 2 - 2].
5 November 1975: Ethiopia: Jimma, 5 km E: SMF: 1 [1 - 1 - 1].
19 November 1975: Ethiopia: Didessa river bridge: SMF: 1 [1 - 1 - 1].
4 February 1976: Ethiopia: Bulcha Forest: SMNS: 2 [2 - 2 - 2].

- 7 May 1976: Ethiopia: Shifra: SMNS: 1 [1 - 1 - 1].
 9 May 1976: Ethiopia: Shifra: SMNS: 1 [1 - 1 - 1].
 6 June 1976: Ethiopia: Abore, lake: SMNS: 1 [1 - 1 - 1].
 19 August 1976: Botswana: Toteng: SMNS: 1 [1 - 1 - 1].
 21 January 1977: Sudan: Tonj: SMNS: 1 [1 - 1 - 1].
 22 January 1977: Sudan: Tonj: SMNS: 1 [1 - 1 - 1].
 13 December 1977: Sudan: Torit, 80 km E: SMNS: 1 [1 - 1 - 1].
 15 December 1977: Sudan: Torit, 80 km E: SMNS: 1 [1 - 1 - 1].
 17 December 1977: Sudan: Kapoeta: SMNS: 1 [1 - 1 - 1].
 31 December 1977: Sudan: Nagishot: SMNS: 1 [1 - 1 - 1].
 4 January 1978: Sudan: Gilo: SMNS: 1 [1 - 1 - 1].
 5 January 1978: Sudan: Gilo: SMNS: 1 [1 - 1 - 1].
 2 July 1978: Sudan: Talanga forest: SMNS: 1 [1 - 1 - 1].
 17 July 1978: Sudan: Kajiko North: SMNS: 2 [2 - 2 - 2].
 19 July 1978: Sudan: Kajiko North: SMNS: 1 [1 - 1 - 1].
 25 July 1978: Sudan: Kajo Kaji, 10 mi W: SMNS: 3 [3 - 3 - 3].
 27 July 1978: Sudan: Korobi, mount: SMNS: 2 [2 - 2 - 2].
 7 August 1978: Sudan: Maridi: SMNS: 1 [1 - 1 - 1].
 26 November 1978: Kenya: Langata forest: SMNS: 1 [1 - 1 - 1].
 5 February 1979: Sudan: Didinga mountains, western foothills: SMNS: 1 [1 - 1 - 1].
 7 February 1979: Sudan: Didinga mountains, western foothills: SMNS: 1 [1 - 1 - 1].
 17 February 1979: Sudan: Jebel Kasangor: SMNS: 1 [1 - 1 - 1].
 23 February 1979: Sudan: Boma mountains, west foothills: SMNS: 1 [1 - 1 - 1].
 31 March 1979: Sudan: Boro river: SMNS: 1 [1] - Boro river, 25 km N: SMNS: 1 [1 - 2 - 2].
 5 April 1979: Sudan: Rikki river: SMNS: 1 [1 - 1 - 1].
 5 September 1979: Sudan: Imatong: SMNS: 3 [3 - 3 - 3].
 7 September 1979: Sudan: Imatong: SMNS: 1 [1 - 1 - 1].
 24 September 1979: Sudan: Kajiko North: SMNS: 1 [1 - 1 - 1].
 8 October 1979: Sudan: Lotti forest: SMNS: 1 [1 - 1 - 1].
 25 October 1979: Sudan: Juba: SMNS: 1 [1 - 1 - 1].
 28 January 1980: Sudan: Juba: SMNS: 1 [1 - 1 - 1].
 28 June 1983: Sudan: Suni: SMNS: 1 [1 - 1 - 1].

Total Specimens for Nikolaus, G.: 95

Niort, P.L.

- 1 January 1969: Burundi: Mpinga: MHNG: 2 [2 - 2 - 2].
 3 January 1969: Burundi: Nyakanda: MHNG: 3 [3 - 3 - 3].
 5 June 1969: Burundi: Busiga: MHNG: 6 [6 - 6 - 6].
 6 June 1969: Burundi: Kanyinya: MHNG: 3 [3 - 3 - 3].
 7 June 1969: Burundi: Rugari mission: MHNG: 3 [3 - 3 - 3].
 8 June 1969: Burundi: Rugari mission: MHNG: 1 [1 - 1 - 1].
 24 January 1970: Burundi: Bujumbura: MHNG: 1 [1 - 1 - 1].
 26 January 1970: Burundi: Bujumbura: MHNG: 1 [1 - 1 - 1].
 17 February 1970: Burundi: Bujumbura: MHNG: 1 [1 - 1 - 1].
 23 March 1970: Burundi: Makamba: MHNG: 1 [1 - 1 - 1].

Total Specimens for Niort, P.L.: 22

N'Kele

- 13 August 1958: "Africa": Unknown locality: RMCA: 1 [1 - 1 - 1].

Total Specimens for N'Kele: 1

NMR

- 26 June 1967: Botswana: Serula: USNM: 2 [2 - 2 - 2].

Total Specimens for NMR: 2

Nobis, G.

- Collection Date Unknown: Tunisia: Matmata, near: ZFMK: 1 [1 - 1 - 1].

Total Specimens for Nobis, G.: 1

Noome and White

- Collection Date Unknown: South Africa: Motale River: TM: 1 [1 - 1 - 1].
 4 July 1935: South Africa: Motale river: TM: 1 [1 - 1 - 1].

Total Specimens for Noome and White: 2

Noome, F.O.

Collection Date Unknown: South Africa: Mayville: TM: 1 [1] - Olifants River: TM: 1 [1] - Pretoria: TM: 2 [2 - 4 - 4].
24 April 1933: South Africa: Pretoria: TM: 4 [4 - 4 - 4].

Total Specimens for Noome, F.O.: 8

Northern Areas Bat Intrest Group

20 September 2003: South Africa: Farm Makapansgat 39KS: TM: 1 [1 - 1 - 1].

Total Specimens for Northern Areas Bat Intrest Group: 1

Norton, G. and Roertgen, B.

Collection Date Unknown: Tanzania: Mikumi National Park H.Q.: BMNH: 1 [1 - 1 - 1].

Total Specimens for Norton, G. and Roertgen, B.: 1

Norton, Peter (Dr.)

20 June 1975: South Africa: John Nash Nature Reserve [=Jack Scott Private Nature Reserve], American cave: TM: 4 [4 - 4 - 4].

Total Specimens for Norton, Peter (Dr.): 4

Novick, A.

Collection Date Unknown: Congo (Democratic Republic of the): : MCZ: 2 [2 - 2 - 2].

Total Specimens for Novick, A.: 2

Nsankulu Betu

5 April 1979: Congo (Democratic Republic of the): Kamueshi: RMCA: 1 [1 - 1 - 1].

Total Specimens for Nsankulu Betu: 1

Ogilvie, M.B. (or P.W.)

28 January 1962: Tanzania: Minaki, St. Andrews College: KU: 1 [1 - 1 - 1].

3 March 1962: Tanzania: Minaki, St. Andrews College: KU: 2 [2 - 2 - 2].

Total Specimens for Ogilvie, M.B. (or P.W.): 3

Olivier, Z. and Barry, T.

Collection Date Unknown: South Africa: Tierkloof, Bushcamp: SAMC: 2 [2 - 2 - 2].

Total Specimens for Olivier, Z. and Barry, T.: 2

Onam

1 January 1956: Malawi: Karonga: HZM: 2 [2 - 2 - 2].

Total Specimens for Onam: 2

ORSTOM

31 March 1971: Senegal: Bafoulabé: MNHN: 4 [4 - 4 - 4].

Total Specimens for ORSTOM: 4

Osgood, Wilfred Hudson (Dr.)

5 March 1927: Ethiopia: Debre Marcos, near: FMNH: 1 [1 - 1 - 1].

Total Specimens for Osgood, Wilfred Hudson (Dr.): 1

O'Shea, T.J.

7 July 1974: Kenya: Kibwezi, 6.5 mi N, 10.5 mi E: NAU: 1 [1 - 1 - 1].

8 July 1974: Kenya: Kibwezi, 6.5 mi N, 10.5 mi E: NAU: 1 [1 - 1 - 1].

9 July 1974: Kenya: Kibwezi, 6.5 mi N, 10.5 mi E: NAU: 1 [1 - 1 - 1].

- 10 July 1974: Kenya: Kibwezi, 6.5 mi N, 10.5 mi E: NAU: 2 [2 - 2 - 2].
 11 July 1974: Kenya: Kibwezi, 6.5 mi N, 10.5 mi E: NAU: 1 [1 - 1 - 1].
 12 July 1974: Kenya: Kibwezi, 6.5 mi N, 10.5 mi E: NAU: 3 [3 - 3 - 3].
 14 July 1974: Kenya: Kibwezi, 6.5 mi N, 10.5 mi E: NAU: 1 [1 - 1 - 1].

Total Specimens for O'Shea, T.J.: 10

Osman Hill, W.C. and Tribe, A.R.

Collection Date Unknown: Somalia: Hargeisa: BMNH: 1 [1 - 1 - 1].

Total Specimens for Osman Hill, W.C. and Tribe, A.R.: 1

Othegraven

Collection Date Unknown: Congo: Oubangi: ZMB: 1 [1 - 1 - 1].

Total Specimens for Othegraven: 1

Owen, G.F.

- Collection Date Unknown:** Senegal: Dialocote: BMNH: 2 [2 - 2 - 2].
 7 March 1910: Senegal: Dialocote: BMNH: 1 [1 - 1 - 1].
 9 March 1910: Senegal: Dialocote: BMNH: 1 [1 - 1 - 1].
 7 May 1910: Senegal: Dialocote: BMNH: 2 [2 - 2 - 2].
 8 February 1911: Senegal: Badi: BMNH: 1 [1 - 1 - 1].

Total Specimens for Owen, G.F.: 7

Owen, J.S.

- Collection Date Unknown:** Sudan: Wau, 100 mi N: FMNH: 1 [1 - 1 - 1].
 28 February 1949: Sudan: Lafon: ZMUC: 2 [2 - 2 - 2].
 5 March 1949: Sudan: Torit: ZMUC: 1 [1 - 1 - 1].
 18 March 1949: Sudan: Luem: ZMUC: 1 [1 - 1 - 1].
 30 July 1949: Sudan: Torit: ZMUC: 1 [1 - 1 - 1].
 12 December 1949: Sudan: Torit: ZMUC: 1 [1 - 1 - 1].
 20 December 1949: Sudan: Lafon: ZMUC: 2 [2 - 2 - 2].
 5 January 1950: Sudan: Torit: ZMUC: 4 [4 - 4 - 4].
 12 January 1950: Sudan: Lobira: ZMUC: 3 [3 - 3 - 3].
 27 February 1950: Sudan: Imatong: ZMUC: 1 [1 - 1 - 1].
 13 March 1950: Sudan: Mongalla: ZMUC: 3 [3 - 3 - 3].
 15 March 1950: Sudan: Mongalla: ZMUC: 1 [1 - 1 - 1].
 16 March 1950: Sudan: Loa: ZMUC: 1 [1 - 1 - 1].
 17 March 1950: Sudan: Mongalla: ZMUC: 1 [1 - 1 - 1].
 21 July 1950: Sudan: Loa: FMNH: 1 [1 - 1 - 1].
 4 August 1950: Sudan: Torit: FMNH: 2 [2 - 2 - 2].
 9 August 1950: Sudan: Torit: FMNH: 1 [1 - 1 - 1].
 22 December 1950: Sudan: Gilo: FMNH: 1 [1 - 1 - 1].
 30 December 1950: Sudan: Torit: FMNH: 1 [1 - 1 - 1].
 31 December 1950: Sudan: Torit: FMNH: 2 [2 - 2 - 2].
 23 January 1951: Sudan: Torit: FMNH: 1 [1 - 1 - 1].
 25 January 1951: Sudan: Torit: FMNH: 1, ZMUC: 1 [2 - 2 - 2].
 30 January 1951: Sudan: Loa: ZMUC: 1 [1 - 1 - 1].
 19 February 1951: Sudan: Torit: FMNH: 1 [1 - 1 - 1].
 26 March 1951: Sudan: Torit: FMNH: 1 [1 - 1 - 1].
 4 April 1951: Sudan: Lafon: ZMUC: 3 [3 - 3 - 3].
 9 April 1951: Sudan: Katire: FMNH: 2 [2 - 2 - 2].
 4 May 1951: Sudan: Torit: FMNH: 1 [1 - 1 - 1].
 6 May 1951: Sudan: Ikoto: FMNH: 1 [1 - 1 - 1].
 9 May 1951: Sudan: Torit: FMNH: 1 [1 - 1 - 1].
 20 May 1951: Sudan: Katire: FMNH: 1 [1 - 1 - 1].
 27 May 1951: Sudan: Torit: ZMUC: 5 [5 - 5 - 5].
 31 May 1951: Sudan: Torit: FMNH: 1 [1 - 1 - 1].
 12 June 1951: Sudan: Katire: FMNH: 1 [1 - 1 - 1].
 7 July 1951: Sudan: Torit: ZMUC: 2 [2 - 2 - 2].
 9 July 1951: Sudan: Nagishot: ZMUC: 1 [1 - 1 - 1].
 23 August 1951: Sudan: Fula Rapids: FMNH: 1 [1 - 1 - 1].
 12 September 1951: Sudan: Ngangala, 20 mi N: FMNH: 1 [1 - 1 - 1].
 28 February 1952: Sudan: Torit: FMNH: 1 [1 - 1 - 1].
 25 August 1953: Sudan: Yambio: FMNH: 1 [1 - 1 - 1].

Total Specimens for Owen, J.S.: 60

Owen, T.R.H.

Collection Date Unknown: Zambia: Kariba, lake, north shore: NHMZ: 5 [5 - 5 - 5].

Total Specimens for Owen, T.R.H.: 5

Pakenham, R.H.W.

Collection Date Unknown: Tanzania: Bet El Ras: BMNH: 6 [6] - Bugagi: BMNH: 1 [1] - Bungi: BMNH: 2 [2] - Kizimkazi: BMNH: 2 [2] - Marahubi Mlangoni: BMNH: 1 [1] - Mbwani: BMNH: 2 [2] - Mwititi Mkuu: BMNH: 1 [1] - Shakani: BMNH: 2 [2 - 17 - 17].

4 November 1938: Tanzania: Kizimkazi: BMNH: 5 [5 - 5 - 5].

27 November 1938: Tanzania: Kizimkazi: BMNH: 1 [1 - 1 - 1].

8 December 1938: Tanzania: Mbwani: BMNH: 1 [1 - 1 - 1].

7 April 1944: Tanzania: Zanzibar: BMNH: 1 [1 - 1 - 1].

Total Specimens for Pakenham, R.H.W.: 25

Pallary, Paul

Collection Date Unknown: Algeria: Oran: MNHN: 1 [1 - 1 - 1].

Total Specimens for Pallary, Paul: 1

Palmer, Guy (Cape Nat. Cons.)

Collection Date Unknown: South Africa: Bergplaas: SAMC: 1 [1] - De Hoek: SAMC: 1 [1 - 2 - 2].

Total Specimens for Palmer, Guy (Cape Nat. Cons.): 2

Parei

Collection Date Unknown: Egypt: no specific locality: ZMB: 2 [2 - 2 - 2].

Total Specimens for Parei: 2

Parelius, D.

24 July 1969: Cote D'Ivoire: Banama Blanc: FMNH: 1 [1 - 1 - 1].

Total Specimens for Parelius, D.: 1

Parker

Collection Date Unknown: Kenya: Sala: SMF: 2 [2 - 2 - 2].

Total Specimens for Parker: 2

Parker, Ian

Collection Date Unknown: Kenya: Lualeni Borehole: BMNH: 1 [1 - 1 - 1].

Total Specimens for Parker, Ian: 1

Parker, Noel

Collection Date Unknown: South Africa: Fir Glen: TM: 1 [1 - 1 - 1].

Total Specimens for Parker, Noel: 1

Paschen

Collection Date Unknown: Cameroon: Longji: ZMB: 1 [1 - 1 - 1].

Total Specimens for Paschen: 1

Patterson, P.

15 August 1963: Kenya: Ngong Hills: USNM: 2 [2 - 2 - 2].

Total Specimens for Patterson, P.: 2

Paulian, R.

Collection Date Unknown: Madagascar: Namoroka, Rserve Naturelle: MNHN: 1 [1 - 1 - 1].

Total Specimens for Paulian, R.: 1

Pavey, T.D.K.

24 September 1962: Zimbabwe: Sinoia: BMNH: 1 [1 - 1 - 1].**1 January 1965:** Zimbabwe: Chipinga: BMNH: 1 [1 - 1 - 1].**Total Specimens for Pavey, T.D.K.: 2**

Payne-Smit, H.A.W.

Collection Date Unknown: Congo: Inyanga: ZMA: 1 [1 - 1 - 1].**Total Specimens for Payne-Smit, H.A.W.: 1**

Peake

Collection Date Unknown: Madagascar: Fianarantsoa[, Fianarantsoa province]: ZMB: 1 [1 - 1 - 1].**Total Specimens for Peake: 1**

Peek, J.R.

2 December 1979: South Africa: Waterberg, Farm Klipfontein 54JS: TM: 1 [1 - 1 - 1].**3 December 1979:** South Africa: Waterberg, Farm Klipfontein 54JS: TM: 2 [2 - 2 - 2].**9 December 1979:** South Africa: Waterberg, Farm Klipfontein 54JS: TM: 2 [2 - 2 - 2].**12 December 1979:** South Africa: Waterberg, Farm Klipfontein 54JS: TM: 3 [3 - 3 - 3].**8 December 1980:** Zimbabwe: Chizarira-Mcheni Gorge: NHMZ: 1 [1 - 1 - 1].**Total Specimens for Peek, J.R.: 9**

Peelman

Collection Date Unknown: Congo (Democratic Republic of the): Lubumbashi: KBIN: 4 [4 - 4 - 4].**Total Specimens for Peelman: 4**

Peinke, Dean M (Dr.) (Gauteng Nature Conservation)

15 November 2001: South Africa: Suikerbosrand [=Suikerboschrand] Nature Reserve: TM: 1 [1 - 1 - 1].**14 May 2005:** South Africa: Minaars cave: TM: 1 [1 - 1 - 1].**13 September 2005:** South Africa: Gatkop: TM: 2 [2 - 2 - 2].**7 October 2005:** South Africa: Farm Bolts Farm: TM: 1 [1 - 1 - 1].**24 November 2005:** South Africa: : TM: 1 [1 - 1 - 1].**1 February 2006:** South Africa: [25]: TM: 1 [1 - 1 - 1].**Total Specimens for Peinke, Dean M (Dr.) (Gauteng Nature Conservation): 7**

Pel / Museum Leiden

Collection Date Unknown: Ghana: Goldküste [=Goldcoast]: ZMB: 1 [1 - 1].Guinea: no specific locality: ZMB: 3 [3 - 3 - 4].**Total Specimens for Pel / Museum Leiden: 4**

Penther, A. (Dr.)

Collection Date Unknown: South Africa: Port Alfred: NMW: 1 [1 - 1 - 1].**Total Specimens for Penther, A. (Dr.): 1**

Penzhorn, B.L. and Kilian, J.A.

23 November 1985: South Africa: Mockford's garden: TM: 1 [1 - 1 - 1].**Total Specimens for Penzhorn, B.L. and Kilian, J.A.: 1**

Peper

10 February 1950: Ethiopia: Wadere: BMNH: 1 [1 - 1 - 1].**Total Specimens for Peper: 1**

Percival, A.B.

Collection Date Unknown: Kenya: Malindi: BMNH: 1 [1] - Takaunga: BMNH: 1 [1 - 2].
Tanzania: Takaungu: BMNH: 1 [1] - Tanzania: BMNH: 1 [1 - 2 - 4].
20 October 1900: Tanzania: Takaungu: BMNH: 1 [1 - 1 - 1].
15 February 1901: Kenya: Rabai: BMNH: 1 [1 - 1 - 1].
18 August 1911: Kenya: Ewaso Ngi'ro: BMNH: 1 [1 - 1 - 1].
4 September 1911: Kenya: Ewaso Ngi'ro: BMNH: 1 [1 - 1 - 1].
30 September 1911: Kenya: Ewaso Ngi'ro: BMNH: 1 [1 - 1 - 1].

Total Specimens for Percival, A.B.: 9

Perret, J.L.

23 December 1952: Cameroon: Foulassi: MHNG: 2 [2 - 2 - 2].
3 January 1953: Cameroon: Foulassi: MHNG: 1 [1 - 1 - 1].
8 January 1953: Cameroon: Ngam: ZFMK: 1 [1 - 1 - 1].
14 February 1953: Cameroon: Foulassi: MHNG: 1 [1 - 1 - 1].
25 March 1953: Cameroon: Mintjamyumin: ZFMK: 1 [1 - 1 - 1].
24 April 1953: Cameroon: Foulassi: MHNG: 1 [1 - 1 - 1].
30 November 1953: Cameroon: Foulassi: MHNG: 1 [1 - 1 - 1].
3 December 1953: Cameroon: Foulassi: MHNG: 1 [1 - 1 - 1].
10 December 1953: Cameroon: Ngam: MHNG: 1 [1 - 1 - 1].
12 March 1954: Cameroon: Foulassi: MHNG: 1 [1 - 1 - 1].
14 June 1954: Cameroon: Foulassi: MHNG: 1 [1 - 1 - 1].

Total Specimens for Perret, J.L.: 12

Perry, R.C.

23 August 1951: Kenya: Ijara: BMNH: 3 [3 - 3 - 3].

Total Specimens for Perry, R.C.: 3

Peters

Collection Date Unknown: Comoro Islands: Anjouan island: ZMB: 1 [1 - 1].
Mozambique: Boror: ZMB: 2 [2] - Ibo: ZMB: 1 [1] - Inhambane: ZMB: 1 [1] - Sena: ZMB: 2 [2] - Tette [=Tete]: ZMB: 13 [13 - 19 - 20].

Total Specimens for Peters: 20

Peters ?

Collection Date Unknown: Mozambique: Tette [=Tete]: ZMB: 1 [1 - 1 - 1].

Total Specimens for Peters ?: 1

Peters, W.C.H.

Collection Date Unknown: Comoro Islands: Anjouan island: ZMB: 1 [1 - 1].
Mozambique: Boror: RMNH: 1, ZMB: 3 [4] - Cabaceira: ZMB: 1 [1] - Ibo: ZMB: 2 [2] - Inhambane: BMNH: 4, NMW: 1, ZMB: 3 [8] - Mozambique Island: ZMB: 2 [2] - no specific locality: ZMB: 3 [3] - Sena: ZMB: 2 [2] - Tete: BZM: 1 [1] - Tette [=Tete]: ZMB: 5 [5 - 28 - 29].

Total Specimens for Peters, W.C.H.: 29

Peterson, Randolph L.

Collection Date Unknown: Cameroon: Ndjole, 4 km N: ROM: 1 [1] - Ndjole, 6 km N: ROM: 1 [1 - 2].
Zimbabwe: Chikupo caves area: ROM: 1 [1] - Retreat Farm: ROM: 1 [1 - 2 - 4].
22 January 1970: Cameroon: Kumba: ROM: 3 [3 - 3 - 3].
25 January 1970: Cameroon: Kumba, 15 km S: ROM: 1 [1 - 1 - 1].
9 February 1970: Cameroon: Yoko, 34 km S: ROM: 1 [1 - 1 - 1].
10 February 1970: Cameroon: Ndjole, 6 km N: ROM: 1 [1 - 1 - 1].
12 February 1970: Cameroon: Bipindi, 10 km W: ROM: 1 [1 - 1 - 1].
18 February 1970: Cameroon: Bipindi, 10 km W: ROM: 1 [1 - 1 - 1].
20 February 1970: Cameroon: Kribi, 4 km E: ROM: 1 [1] - Kribi, 7 km E: ROM: 1 [1 - 2 - 2].
21 February 1970: Cameroon: Kribi, 14 km N: ROM: 2 [2] - Kribi, 9 km N: ROM: 2 [2 - 4 - 4].

Total Specimens for Peterson, Randolph L.: 18

Peterson, Randolph L. and Glenn R.

1 January 1972: Kenya: Rondo forest: ROM: 3 [3 - 3 - 3].

Total Specimens for Peterson, Randolph L. and Glenn R.: 3

Peterson, Randolph L. et al

- 10 April 1967: Madagascar: Tananarive: ROM: 1 [1 - 1 - 1].
 19 April 1967: Madagascar: Tananarive: ROM: 1 [1 - 1 - 1].
 21 April 1967: Madagascar: Southern Tananarive: ROM: 1 [1 - 1 - 1].
 25 April 1967: Madagascar: Ambodiriana: ROM: 19 [19 - 19 - 19].

Total Specimens for Peterson, Randolph L. et al: 22

Peterson, Randolph L., Glen, R. and Imbanyi, P.

- 19 February 1970: Cameroon: Bipindi, 10 km W: ROM: 1 [1 - 1 - 1].

Total Specimens for Peterson, Randolph L., Glen, R. and Imbanyi, P.: 1

Peterson, Randolph L., Willams, J.G. and Glen, R.

- 13 May 1967: Madagascar: Ilakaka, E of: ROM: 1 [1 - 1 - 1].

Total Specimens for Peterson, Randolph L., Willams, J.G. and Glen, R.: 1

Pethneck, Col.

- Collection Date Unknown: Sudan: Khartoum: BMNH: 1 [1 - 1 - 1].

Total Specimens for Pethneck, Col.: 1

Petiniot and Verheyen, Walter N.

- 16 February 1973: Algeria: Beni Cabbes, 15 km N: RMCA: 1 [1 - 1 - 1].
 16 March 1973: Niger: I-N-Gall: RMCA: 24 [24 - 24 - 24].
 18 March 1973: Niger: I-N-Gall: RMCA: 1 [1 - 1 - 1].

Total Specimens for Petiniot and Verheyen, Walter N.: 26

Petit and Quartier-Dillon

- Collection Date Unknown: Ethiopia: Abyssinia: MNHN: 1 [1 - 1 - 1].

Total Specimens for Petit and Quartier-Dillon: 1

Petit, F.

- Collection Date Unknown: Congo: Majumba: MNHN: 1 [1 - 1 - 1].

Total Specimens for Petit, F.: 1

Phillipart

- Collection Date Unknown: Cameroon: Cameroon: RMCA: 2 [2 - 2 - 2].

Total Specimens for Phillipart: 2

Phillips, John C.; Allen, Glover Morrill - [the Sudan Expedition]

- Collection Date Unknown: Egypt: Gizeh: MCZ: 4 [4 - 4 - 4].
 13 December 1912: Egypt: Gizeh: AMNH: 1, FMNH: 1 [2 - 2 - 2].
 19 January 1913: Sudan: Fazogli: MCZ: 2 [2 - 2 - 2].

Total Specimens for Phillips, John C.; Allen, Glover Morrill - [the Sudan Expedition]: 8

Phillips, Lord E.

- Collection Date Unknown: Sudan: Wagga, mount: BMNH: 4 [4 - 4 - 4].
 2 March 1897: Sudan: Wagga, mount: BMNH: 3 [3 - 3 - 3].

Total Specimens for Phillips, Lord E.: 7

Phipps and Bradley

- 29 November 1932: Angola: Humpata: AMNH: 1 [1 - 1 - 1].

11 February 1933: Angola: Chitau: AMNH: 2 [2 - 2 - 2].
 12 February 1933: Angola: Chitau: AMNH: 1 [1 - 1 - 1].
 13 February 1933: Angola: Chitau: AMNH: 2 [2 - 2 - 2].
 21 February 1933: Angola: Chitau: AMNH: 2 [2 - 2 - 2].

Total Specimens for Phipps and Bradley: 8

Pienaar, Anton and Fernsby Nigel

18 October 2005: South Africa: Drakensig, 5 Lark Crescent: TM: 2 [2 - 2 - 2].

Total Specimens for Pienaar, Anton and Fernsby Nigel: 2

Pietersen Darren

16 March 2003: South Africa: Farm Fleur de Lys 195KU: TM: 1 [1 - 1 - 1].

Total Specimens for Pietersen Darren: 1

Pileth

Collection Date Unknown: Congo (Democratic Republic of the): Katanda, lake: RMCA: 1 [1 - 1 - 1].

Total Specimens for Pileth: 1

Pine, R.H.

26 June 1960: Kenya: Masabubu: AMNH: 1 [1 - 1 - 1].

Total Specimens for Pine, R.H.: 1

Pitman, C.R.S. (Capt.)

Collection Date Unknown: Kenya: Trans-Nzoia district: BMNH: 1 [1 - 1].

Zimbabwe: Malve: BMNH: 1 [1 - 1 - 2].

9 February 1929: Kenya: Kerio Suk river: BMNH: 1 [1 - 1 - 1].

3 February 1931: Zambia: Broken Hill: BMNH: 1 [1 - 1 - 1].

Total Specimens for Pitman, C.R.S. (Capt.): 4

Plate

Collection Date Unknown: Egypt: "Tor Sinai": ZMB: 1 [1 - 1].

Unknown country: Musa: ZMB: 1 [1 - 1 - 2].

Total Specimens for Plate: 2

Pletts, R.E.

28 July 1964: Zimbabwe: Fern Valley: HZM: 1 [1 - 1 - 1].

Total Specimens for Pletts, R.E.: 1

Plisnier, J.

24 September 1961: Tanzania: Seronera: KBIN: 1 [1 - 1 - 1].

4 August 1962: Tanzania: Musabi: KBIN: 2 [2 - 2 - 2].

23 August 1962: Tanzania: Grummetti: KBIN: 1 [1 - 1 - 1].

4 September 1962: Tanzania: Bologonja: KBIN: 1 [1 - 1 - 1].

5 September 1962: Tanzania: Ngelehek: KBIN: 1 [1 - 1 - 1].

28 October 1963: Tanzania: Handajega: KBIN: 2 [2 - 2 - 2].

16 November 1963: Tanzania: Banagi: KBIN: 1 [1 - 1 - 1].

18 December 1963: Tanzania: Banagi: KBIN: 5 [5 - 5 - 5].

24 December 1963: Tanzania: Banagi: KBIN: 3 [3 - 3 - 3].

Total Specimens for Plisnier, J.: 17

Pobéguin, H.

27 July 1910: Guinea: Pita: MNHN: 1 [1 - 1 - 1].

Total Specimens for Pobéguin, H.: 1

Pösch, Rudolf (dr.)

Collection Date Unknown: Namibia: Oas: NMW: 2 [2 - 2 - 2].
28 March 1908: Namibia: Oas: NMW: 1 [1 - 1 - 1].

Total Specimens for Pöch, Rudolf (dr.): 3

Pöche, R.M.

Collection Date Unknown: Niger: Tapoa: USNM: 1 [1 - 1 - 1].
12 May 1972: Niger: Park West: USNM: 1 [1 - 1 - 1].
17 May 1972: Niger: Tapoa, 21 km E: USNM: 1 [1 - 1 - 1].
19 May 1972: Niger: Park West: USNM: 1 [1 - 1 - 1].

Total Specimens for Pöche, R.M.: 4

Poelman, L.

Collection Date Unknown: Congo (Democratic Republic of the): Kakontwe, cave: RMCA: 1 [1 - 1 - 1].
24 March 1966: Congo (Democratic Republic of the): Lubumbashi: KBIN: 1 [1 - 1 - 1].

Total Specimens for Poelman, L.: 2

Pole Evans, G.E. (Dr.)

2 July 1947: South Africa: Dongolakop: TM: 1 [1 - 1 - 1].

Total Specimens for Pole Evans, G.E. (Dr.): 1

Pole Evans, I.B. (Dr.)

Collection Date Unknown: South Africa: Dongolakop: TM: 1 [1 - 1 - 1].
30 July 1945: South Africa: Dongolakop: TM: 1 [1 - 1 - 1].
2 July 1947: South Africa: Dongolakop: TM: 1 [1 - 1 - 1].

Total Specimens for Pole Evans, I.B. (Dr.): 3

Poll, Max

Collection Date Unknown: Congo (Democratic Republic of the): Epulu: RMCA: 1 [1] - Gangala-na-Bodio: RMCA: 2 [2 - 3 - 3].
16 July 1947: Congo (Democratic Republic of the): Elila: RMCA: 1 [1 - 1 - 1].
6 August 1956: Congo (Democratic Republic of the): Lula: RMCA: 3 [3 - 3 - 3].
10 August 1956: Congo (Democratic Republic of the): Lula: RMCA: 5 [5 - 5 - 5].
25 August 1956: Congo (Democratic Republic of the): Tshibaka: RMCA: 1 [1 - 1 - 1].
1 December 1956: Congo (Democratic Republic of the): Gangala-na-Bodio: RMCA: 1 [1 - 1 - 1].

Total Specimens for Poll, Max: 14

Pollen

Collection Date Unknown: Comoro Islands: Mayotte [island]: ZMB: 2 [2 - 2].
 Réunion: Réunion: ZMB: 2 [2 - 2 - 4].

Total Specimens for Pollen: 4

Pommeroy

6 June 1918: Tanzania: Dar es Salaam: RMCA: 2 [2 - 2 - 2].

Total Specimens for Pommeroy: 2

Poppleton, F.

30 October 1959: Uganda: Mweya: HZM: 2 [2 - 2 - 2].

Total Specimens for Poppleton, F.: 2

Porter, I.

25 December 1984: South Africa: False Bay, Lister Point: TM: 1 [1 - 1 - 1].

Total Specimens for Porter, I.: 1

Porter, R.N.

Collection Date Unknown: South Africa: Craigadam: TM: 1 [1 - 1 - 1].
26 June 1987: South Africa: Hilton: TM: 1 [1 - 1 - 1].

Total Specimens for Porter, R.N.: 2

Powell Cotton Museum

25 May 1935: Cameroon: : BMNH: 5 [5 - 5 - 5].

Total Specimens for Powell Cotton Museum: 5

Powell, G.C.S.

Collection Date Unknown: Zambia: Monze: BMNH: 4, KM: 5 [9 - 9 - 9].

Total Specimens for Powell, G.C.S.: 9

Powell, W.

Collection Date Unknown: South Africa: Farm Rooikranz 538: TM: 1 [1 - 1 - 1].
11 March 1915: South Africa: Pretoria: TM: 1 [1 - 1 - 1].
19 April 1915: South Africa: Farm Rooikrans [=Rooikranz] 538: TM: 1 [1 - 1 - 1].
21 April 1915: South Africa: Farm Rooikrans [=Rooikranz] 538: TM: 1 [1 - 1 - 1].
23 April 1915: South Africa: Farm Rooikrans [=Rooikranz] 538: TM: 1 [1 - 1 - 1].
25 April 1915: South Africa: Farm Rooikrans [=Rooikranz] 538: TM: 2 [2 - 2 - 2].
26 April 1915: South Africa: Farm Rooikrans [=Rooikranz] 538: TM: 4 [4 - 4 - 4].
24 May 1915: South Africa: Farm Mooimeisjesfontein 147JQ [=Mooimeisjesfontein, Mooimysjesfontein, Mooimysjesfontein]:
 TM: 1 [1 - 1 - 1].
25 May 1915: South Africa: Farm Mooimeisjesfontein 147JQ [=Mooimeisjesfontein, Mooimysjesfontein, Mooimysjesfontein]:
 TM: 1 [1 - 1 - 1].
26 May 1915: South Africa: Farm Mooimeisjesfontein 147JQ [=Mooimeisjesfontein, Mooimysjesfontein, Mooimysjesfontein]:
 TM: 6 [6 - 6 - 6].
27 May 1915: South Africa: Farm Mooimeisjesfontein 147JQ [=Mooimeisjesfontein, Mooimysjesfontein, Mooimysjesfontein]:
 TM: 1 [1 - 1 - 1].
28 May 1915: South Africa: Farm Mooimeisjesfontein 147JQ [=Mooimeisjesfontein, Mooimysjesfontein, Mooimysjesfontein]:
 TM: 6 [6] - Mooimeisjesfontein: TM: 1 [1 - 7 - 7].
29 May 1915: South Africa: Farm Mooimeisjesfontein 147JQ [=Mooimeisjesfontein, Mooimysjesfontein, Mooimysjesfontein]:
 TM: 1 [1 - 1 - 1].
25 June 1915: South Africa: Farm Mooimeisjesfontein 147JQ [=Mooimeisjesfontein, Mooimysjesfontein, Mooimysjesfontein]:
 TM: 1 [1 - 1 - 1].
19 July 1915: South Africa: Farm Fairfield 306: TM: 1 [1 - 1 - 1].
29 July 1915: South Africa: Farm Fairfield 306: TM: 1 [1 - 1 - 1].

Total Specimens for Powell, W.: 31

Praed

Collection Date Unknown: Unknown Country: Isavo swamp: BMNH: 1 [1 - 1 - 1].

Total Specimens for Praed: 1

Pretoria Museum, donated

Collection Date Unknown: Namibia: Waterberg district: SAMC: 1 [1 - 1 - 1].

Total Specimens for Pretoria Museum, donated: 1

Pretorius, H.

Collection Date Unknown: South Africa: Potgietersrus: TM: 2 [2 - 2 - 2].

Total Specimens for Pretorius, H.: 2

Pretorius, J.J.L.

11 April 1969: South Africa: Farm Commissiesdrift 327JQ [=Commissiesdrift]: USNM: 2 [2 - 2 - 2].

Total Specimens for Pretorius, J.J.L.: 2

Preuss

Collection Date Unknown: Cameroon: Buea: ZMB: 2 [2] - no specific locality: ZMB: 2 [2] - Victoria: ZMB: 29 [29 - 33 - 33].

Total Specimens for Preuss: 33

Prigogine, A.

Collection Date Unknown: Congo (Democratic Republic of the): Bukavu: RMCA: 1 [1] - Kamituga: RMCA: 2 [2 - 3 - 3].
13 September 1950: Congo (Democratic Republic of the): Lwiro: RMCA: 1 [1 - 1 - 1].
9 October 1953: Congo (Democratic Republic of the): Lulimba: RMCA: 1 [1 - 1 - 1].
20 February 1964: Congo (Democratic Republic of the): Kamituga: RMCA: 4 [4 - 4 - 4].
21 February 1964: Congo (Democratic Republic of the): Kamituga: RMCA: 1 [1 - 1 - 1].
20 March 1964: Congo (Democratic Republic of the): Kamituga: RMCA: 2 [2 - 2 - 2].
25 May 1964: Congo (Democratic Republic of the): Kiliza: RMCA: 1 [1 - 1 - 1].
9 August 1964: Congo (Democratic Republic of the): Kakanda cave: RMCA: 1 [1 - 1 - 1].
19 July 1965: Congo (Democratic Republic of the): Idjwi island: RMCA: 1 [1 - 1 - 1].
6 April 1967: Congo (Democratic Republic of the): Lwiro: RMCA: 1 [1 - 1 - 1].
28 April 1967: Congo (Democratic Republic of the): Lwiro: RMCA: 1 [1 - 1 - 1].
3 March 1968: Congo (Democratic Republic of the): Elisabethville [=Lubumbashi]: RMCA: 1 [1 - 1 - 1].
14 December 1968: "Africa": Unknown locality: RMCA: 1 [1 - 1 - 1].
25 December 1970: Congo (Democratic Republic of the): Maboya: RMCA: 1 [1 - 1 - 1].
31 January 1971: Congo (Democratic Republic of the): Maboya: RMCA: 1 [1 - 1 - 1].

Total Specimens for Prigogine, A.: 21

Pringle, J.A.

Collection Date Unknown: South Africa: Uitenhage district: HZM: 1 [1 - 1 - 1].
1 July 1940: South Africa: Port Elisabeth: HZM: 1 [1 - 1 - 1].

Total Specimens for Pringle, J.A.: 2

Prozesky, O.P.M.

Collection Date Unknown: South Africa: Farm Rykvoorby 96: TM: 1 [1 - 1 - 1].
1 July 1974: South Africa: Tambotieskloof 601: TM: 1 [1 - 1 - 1].

Total Specimens for Prozesky, O.P.M.: 2

Pujol, R.

Collection Date Unknown: Central African Republic: Boukoko: MNHN: 3 [3 - 3 - 3].

Total Specimens for Pujol, R.: 3

Pulitzer, Ralph

17 January 1931: Angola: Chitau: CM: 1 [1 - 1 - 1].

Total Specimens for Pulitzer, Ralph: 1

Purnell, W.

22 August 1931: South Africa: Kleinpoort: TM: 1 [1 - 1 - 1].

Total Specimens for Purnell, W.: 1

Purvis, Martin

Collection Date Unknown: Kenya: Nairobi: LACM: 1 [1] - Naivasha, lake: LACM: 2 [2 - 3 - 3].

Total Specimens for Purvis, Martin: 3

Püschel

Collection Date Unknown: Namibia: Spitzkopje: ZMB: 1 [1 - 1 - 1].

Total Specimens for Püschel: 1

Puylaert, Firmin

Collection Date Unknown: Cameroon: Waza: RMCA: 4 [4] - Yagoua: RMCA: 9 [9 - 13 - 13].
5 August 1971: Cameroon: Yagoua: RMCA: 8 [8 - 8 - 8].
6 August 1971: Cameroon: Yagoua: RMCA: 5 [5 - 5 - 5].
7 August 1971: Cameroon: Yagoua: RMCA: 2 [2 - 2 - 2].

Total Specimens for Puylaert, Firmin: 28

Quarré

Collection Date Unknown: Congo (Democratic Republic of the): Elisabethville [=Lubumbashi]: RMCA: 2 [2] - Lovoi: RMCA: 1 [1 - 3 - 3].

Total Specimens for Quarré: 3

Queeny, E.M.

5 February 1950: Kenya: Namanga: AMNH: 1 [1 - 1 - 1].
5 March 1950: Sudan: Torit: AMNH: 1 [1 - 1 - 1].
16 March 1950: Sudan: Nimule: AMNH: 2 [2 - 2 - 2].
20 March 1950: Sudan: Nimule: AMNH: 1 [1 - 1 - 1].
25 March 1950: Sudan: Nyibor, lake: AMNH: 5 [5 - 5 - 5].
28 March 1950: Sudan: Nyibor, lake: AMNH: 1 [1 - 1 - 1].
31 March 1950: Sudan: Nyibor, lake: AMNH: 1 [1 - 1 - 1].

Total Specimens for Queeny, E.M.: 12

Qumsiyeh, Mazin

14 March 1981: Libya: Al Bayda, 5 km SW: CM: 1 [1 - 1 - 1].
15 March 1981: Libya: Al Bayda, 5 km SW: CM: 3 [3 - 3 - 3].
16 March 1981: Libya: Al Bayda, 5 km SW: CM: 1 [1 - 1 - 1].
21 March 1981: Libya: Baida, 4 km S: CM: 1 [1 - 1 - 1].
22 March 1981: Libya: Baida, 4 km S: CM: 1 [1 - 1 - 1].
27 March 1981: Libya: Al Bayda, 5 km SW: CM: 5 [5 - 5 - 5].
29 March 1981: Libya: Al Bayda, 5 km SW: CM: 1 [1 - 1 - 1].
3 April 1981: Libya: Haniya, 8 km SSE: CM: 1 [1 - 1 - 1].
9 April 1981: Libya: Al Bayda, 5 km SW: CM: 1 [1 - 1 - 1].
3 May 1981: Libya: Sabratah: CM: 1 [1 - 1 - 1].
16 May 1981: Algeria: Wadi Sauria: CM: 6 [6 - 6 - 6].
19 May 1981: Algeria: Mouzjdjajo: CM: 2 [2 - 2 - 2].
23 May 1981: Algeria: Oued Rhumel: CM: 1 [1 - 1 - 1].
24 May 1981: Algeria: Oued Rhumel: CM: 1 [1 - 1 - 1].
29 May 1981: Algeria: In Saleh: CM: 1 [1 - 1 - 1].
1 June 1981: Algeria: Tamanrasset: CM: 1 [1 - 1 - 1].
3 June 1981: Algeria: Tamanrasset: CM: 7 [7 - 7 - 7].
5 June 1981: Algeria: Sétif: CM: 1 [1 - 1 - 1].
30 June 1981: Algeria: Ain Oussera: CM: 1 [1 - 1 - 1].
1 July 1981: Algeria: Ain Oussera: CM: 14 [14 - 14 - 14].
14 July 1981: Egypt: Saqqara: CM: 2 [2 - 2 - 2].
18 July 1981: Egypt: Dandarah: CM: 3 [3 - 3 - 3].
19 July 1981: Egypt: Dandarah: CM: 2 [2 - 2 - 2].
27 July 1981: Egypt: Abu Ghaleb, 2 km N: CM: 7 [7 - 7 - 7].

Total Specimens for Qumsiyeh, Mazin: 65

R.S.E.S

5 May 1960: Zimbabwe: Sentinel Ranch: HZM: 1 [1 - 1 - 1].
2 June 1960: Zimbabwe: Sentinel Ranch: HZM: 1 [1 - 1 - 1].

Total Specimens for R.S.E.S: 2

Radna, Dr.

Collection Date Unknown: Congo (Democratic Republic of the): Pawa: RMCA: 1 [1 - 1 - 1].

Total Specimens for Radna, Dr.: 1

Rahm, Uwe

Collection Date Unknown: Congo (Democratic Republic of the): Putnam Camp: RMCA: 1 [1 - 1 - 1].
20 January 1952: Congo (Democratic Republic of the): Keyberg: RMCA: 2 [2 - 2 - 2].
8 October 1953: Côte d'Ivoire: Adiopodoumé: MHNG: 1 [1 - 1 - 1].
18 September 1957: Congo (Democratic Republic of the): Kikumba [3 locs]: RMCA: 2 [2 - 2 - 2].
8 July 1958: Congo (Democratic Republic of the): Irsac labo: RMCA: 1 [1 - 1 - 1].
9 October 1958: Congo (Democratic Republic of the): Mabali: RMCA: 2 [2 - 2 - 2].
29 October 1958: Congo (Democratic Republic of the): Mabali: RMCA: 1 [1 - 1 - 1].
30 January 1959: Congo (Democratic Republic of the): Nyambasha: RMCA: 4 [4 - 4 - 4].
6 February 1959: Congo (Democratic Republic of the): Utu: RMCA: 1 [1 - 1 - 1].
12 March 1959: Congo (Democratic Republic of the): Kabira: RMCA: 1 [1 - 1 - 1].
15 March 1959: Congo (Democratic Republic of the): Kabira: RMCA: 1 [1 - 1 - 1].
27 March 1959: Congo (Democratic Republic of the): Murambi: RMCA: 1 [1 - 1 - 1].
6 May 1959: Congo (Democratic Republic of the): Nkene: RMCA: 1 [1 - 1 - 1].

- 21 August 1959:** Congo (Democratic Republic of the): Irangi: RMCA: 1 [1 - 1 - 1].
14 January 1960: Congo (Democratic Republic of the): Idjwi island: RMCA: 2 [2 - 2 - 2].
15 March 1960: Congo (Democratic Republic of the): Mulolo: BMNH: 1 [1 - 1 - 1].
18 March 1960: Congo (Democratic Republic of the): Lulola-Kasanga: BMNH: 1 [1 - 1 - 1].
22 April 1960: Congo (Democratic Republic of the): Kisanga: BMNH: 2 [2 - 2 - 2].
25 April 1960: Congo (Democratic Republic of the): Kisanga: BMNH: 1 [1 - 1 - 1].
23 June 1961: Congo (Democratic Republic of the): Irangi: BMNH: 1 [1 - 1 - 1].
11 July 1961: Congo (Democratic Republic of the): Irangi: BMNH: 1 [1 - 1 - 1].

Total Specimens for Rahm, Uwe: 29

Rahm, Uwe and Aellen, Villy

- 3 September 1953:** Côte d'Ivoire: Adiopodoumé: MHNG: 1 [1 - 1 - 1].
8 September 1953: Côte d'Ivoire: Asakra: MHNG: 3 [3 - 3 - 3].
15 January 1954: Côte d'Ivoire: Adiopodoumé: MHNG: 1 [1 - 1 - 1].
28 September 1954: Côte d'Ivoire: Tiegba [5 locs]: MHNG: 1 [1 - 1 - 1].

Total Specimens for Rahm, Uwe and Aellen, Villy: 6

Ranck, G.L. and Shaw, J.H.

- 8 June 1962:** Libya: Labraq, 5 km SW: USNM: 1 [1 - 1 - 1].

Total Specimens for Ranck, G.L. and Shaw, J.H.: 1

Ränge

- Collection Date Unknown:** Namibia: Kuibis: ZMB: 1 [1 - 1 - 1].

Total Specimens for Ränge: 1

Rankwa

- 21 September 1962:** Mozambique: Beira, 20 mi N: HZM: 1 [1 - 1 - 1].

Total Specimens for Rankwa: 1

Ranniger

- Collection Date Unknown:** Tanzania: Marienhof: MHNG: 1 [1 - 1 - 1].

Total Specimens for Ranniger: 1

Rathburn, G.B.

- 1 April 1971:** Kenya: Gedi National Park: SMF: 1 [1 - 1 - 1].

Total Specimens for Rathburn, G.B.: 1

Rau, R.

- Collection Date Unknown:** Namibia: Marienthal: SMF: 1 [1 - 1].
 South Africa: Bredasdorp: SMF: 3 [3 - 3 - 4].
7 July 1962: South Africa: Bredasdorp, "Onmeetbare" cave: SMF: 4 [4 - 4 - 4].
5 November 1962: Egypt: Cairo and Ismaila, between: SMF: 1 [1 - 1 - 1].
16 July 1964: Namibia: Karakuwisa: SMF: 1 [1 - 1 - 1].

Total Specimens for Rau, R.: 10

Rautenbach, Ignatius L. (Dr.) [=Naas]

- Collection Date Unknown:** Namibia: : MMK: 1, TM: 4 [5] - Farm Klein Aus 8: TM: 2 [2 - 7].
 South Africa: : TM: 2 [2] - Blijdschap PNR: TM: 1 [1] - Crocodile River: TM: 2 [2] - D'Nyala Provincial Nature Reserve: TM: 3 [3] - Farm Evergreen: TM: 2 [2] - Farm Greefswald 37 [=Mapungubwe], Shashi-Limpopo confluence: TM: 2 [2] - Farm Mooigenoeg 83: TM: 1 [1] - Farm Mooiplaas 94: TM: 2 [2] - Farm Naerina: TM: 1 [1] - Farm Nicorel 343: TM: 1 [1] - Farm Rhoda 9: TM: 1 [1] - Farm Rietfontein 404: TM: 5 [5] - Farm Sarum 245LS, Buzzard Mountain Retreat: TM: 1 [1] - Farm Scrutton 23MT: TM: 1 [1] - Farm Welgevonden 449: TM: 1 [1] - Farm Witpoort 419: TM: 3 [3] - Farms Grootuikerboschkop & Elandslaagte: TM: 7 [7] - Figtree camp: TM: 2 [2] - Goraas, Farm FrQ 2.9: TM: 8 [8] - Kalahari Gemsbok National Park: TM: 1 [1] - Kalahari Gemsbok National Park, Kameelsleep: TM: 1 [1] - Kalahari Gemsbok National Park, Rooikop: TM: 1 [1] - Letaba highwater bridge: TM: 2 [2] - Letaba, 8 km SE: TM: 2 [2] - Levuvhu Bridge: TM: 1 [1] - Limpopo-Levuvhu river confluence: TM: 2 [2] - Loskop windmill: TM: 1 [1] - Maditobe [= Witsand] Dam: TM: 13 [13] - Maditobe Pan [=Maditobepan]: TM: 4 [4] - Maditobe Witsand Dam: TM: 3 [3] - Magamba windmill: TM: 4 [4] - Mahogany Drive: TM: 5 [5] - Malalane area: TM: 2 [2] - Maria van Riebeeck Nature Reserve: TM: 3 [3] - Mashikiri windmill: TM: 4 [4] - Matukwatadam: TM: 2 [2] - Mockford's garden: TM: 2 [2] - Ndumu Game Reserve: TM: 1 [1] - New

- figtree forest: TM: 2 [2] - Nyala and Main Roads junction: TM: 1 [1] - Nylsvlei Nature Reserve: TM: 1 [1] - Old Culling camp: TM: 1 [1] - Old Figtree forest: TM: 2 [2] - Old picnic site: TM: 4 [4] - Olifants Rest Camp, 7 km W: TM: 7 [7] - Pafuri: TM: 2 [2] - Pafuri, Bridge: TM: 2 [2] - Pafuri, Research camp: TM: 2 [2] - Pafuri, upstream site: TM: 1 [1] - Pafuri, Figtree Forest, downstream: TM: 3 [3] - Picnic site: TM: 3 [3] - Postberg Nature Reserve: TM: 1 [1] - Rhenosterkoppies: TM: 12 [12] - Rissik Private Nature Reserve: TM: 8 [8] - Sabie river bank: TM: 5 [5] - Sabie River, north bank: TM: 6 [6] - Sabie River, Staff Picnic site: TM: 1 [1] - Satara, 8 km E, old bridge over Nwanedzi River: TM: 5 [5] - Shingwedzi camp: TM: 1 [1] - Skukuza: TM: 1 [1] - Skukuza, dam at golf course: TM: 1 [1] - Staff village: TM: 1 [1] - Stoltzneck dam: TM: 2 [2] - Tembe Elephant Park: TM: 1 [1] - Ten Bosch Estates: TM: 1 [1] - Tshalungwa Fountain [=Shalungwafontein, Tshalungwafontein]: TM: 1 [1] - Tsitsikama National Park, 2 km S Stormsriver Mouth, Guono Cave: TM: 1 [1] - Witrivier, 11 mi W: USNM: 1 [1] - WNLA Dam: TM: 15 [15 - 195].
- Zimbabwe: Mana Pools National Park, HQ: TM: 1 [1] - Mondo River, S boundary: TM: 2 [2] - Tsetse fly gate: TM: 1 [1 - 4 - 206].
- 8 February 1947:** South Africa: Farm Keikampspoort 71: TM: 1 [1 - 1 - 1].
- 2 February 1965:** South Africa: Culling camp: TM: 1 [1 - 1 - 1].
- 11 April 1967:** South Africa: Old Figtree forest: TM: 1 [1 - 1 - 1].
- 24 November 1967:** South Africa: Kamferboom: TM: 2 [2 - 2 - 2].
- 7 October 1970:** Namibia: Sangwali: TM: 1 [1 - 1 - 1].
- 3 August 1972:** South Africa: Monument Park caves: TM: 5 [5 - 5 - 5].
- 25 August 1972:** South Africa: Monument Park: TM: 1 [1 - 1 - 1].
- 14 January 1973:** South Africa: Farm Welgevonden 449: TM: 1 [1 - 1 - 1].
- 6 February 1973:** South Africa: Maria van Riebeeck Nature Reserve: TM: 1 [1 - 1 - 1].
- 9 February 1973:** South Africa: Mmabolela Estates [=Mmqbolela Estates]: TM: 1 [1 - 1 - 1].
- 13 February 1973:** South Africa: Farm Olifantspoort 328 [=Retiefkloof]: TM: 3 [3 - 3 - 3].
- 15 February 1973:** South Africa: Farm Olifantspoort 328 [=Retiefkloof]: TM: 1 [1 - 1 - 1].
- 19 February 1973:** South Africa: Farm Olifantspoort 328 [=Retiefkloof]: TM: 1 [1 - 1 - 1].
- 8 March 1973:** South Africa: Mmabolela Estates [=Mmqbolela Estates]: TM: 1 [1 - 1 - 1].
- 9 March 1973:** South Africa: Farm Mooigenoeg 83: TM: 1 [1 - 1 - 1].
- 17 March 1973:** South Africa: Rissik Private Nature Reserve: TM: 1 [1 - 1 - 1].
- 4 April 1973:** South Africa: Loskopdam Nature Reserve: TM: 1 [1 - 1 - 1].
- 3 May 1973:** South Africa: D'Nyala Provincial Nature Reserve: TM: 1 [1 - 1 - 1].
- 4 May 1973:** South Africa: D'Nyala Provincial Nature Reserve: TM: 5 [5 - 5 - 5].
- 8 May 1973:** South Africa: D'Nyala Provincial Nature Reserve: TM: 1 [1 - 1 - 1].
- 11 May 1973:** South Africa: Farm Buffelspoort 149 JQ: TM: 1 [1] - Farm Donkerpoort 448: TM: 1 [1 - 2 - 2].
- 14 May 1973:** South Africa: Greefswald [= Mapungubwe]: TM: 1 [1 - 1 - 1].
- 7 August 1973:** South Africa: Farm Scrutton 23: TM: 6 [6 - 6 - 6].
- 9 August 1973:** South Africa: Farm Greefswald 37MS, Shashi-Limpopo confluence: TM: 1 [1] - Greefswald [= Mapungubwe]: TM: 1 [1 - 2 - 2].
- 14 August 1973:** South Africa: Greefswald [= Mapungubwe]: TM: 2 [2 - 2 - 2].
- 18 August 1973:** South Africa: Farm Greefswald 37MS, Shashi-Limpopo confluence: TM: 4 [4] - Greefswald [= Mapungubwe]: TM: 4 [4 - 8 - 8].
- 7 September 1973:** South Africa: Farm Mooiplaas 94: TM: 9 [9 - 9 - 9].
- 13 September 1973:** South Africa: Farm Rykvoorby 96: TM: 3 [3 - 3 - 3].
- 4 October 1973:** South Africa: Farm Donkerpoort 448: TM: 12 [12 - 12 - 12].
- 10 October 1973:** South Africa: Rissik Private Nature Reserve: TM: 4 [4 - 4 - 4].
- 14 October 1973:** South Africa: Rissik Private Nature Reserve: TM: 1 [1 - 1 - 1].
- 15 December 1973:** South Africa: Farm Donkerpoort 448: TM: 1 [1 - 1 - 1].
- 11 January 1974:** South Africa: Farm Welgevonden 449: TM: 5 [5 - 5 - 5].
- 18 January 1974:** South Africa: Farm Groothoek 99: TM: 3 [3 - 3 - 3].
- 21 January 1974:** South Africa: Farm Groothoek 99: TM: 1 [1 - 1 - 1].
- 23 January 1974:** South Africa: Farm Groothoek 99: TM: 13 [13 - 13 - 13].
- 11 February 1974:** South Africa: Barberspan Provincial Nature Reserve: TM: 6 [6 - 6 - 6].
- 12 February 1974:** South Africa: Barberspan Provincial Nature Reserve: TM: 2 [2 - 2 - 2].
- 16 February 1974:** South Africa: Blyde River Canyon [=Blyderivier Blyderivierspoort] Nature Reserve: TM: 1 [1 - 1 - 1].
- 7 March 1974:** South Africa: Farm Mooigenoeg 83: TM: 1 [1 - 1 - 1].
- 8 March 1974:** South Africa: Farm Mooigenoeg 83: TM: 1 [1 - 1 - 1].
- 9 March 1974:** South Africa: Farm Mooigenoeg 83: TM: 4 [4 - 4 - 4].
- 15 May 1974:** South Africa: Farm Othawo 242, Sabie Sand Private Nature Reserve: TM: 1 [1 - 1 - 1].
- 1 July 1974:** South Africa: Farm Urk 10, Blouberg Private Nature Reserve: TM: 8 [8 - 8 - 8].
- 2 July 1974:** South Africa: Farm Urk 10, Blouberg Private Nature Reserve: TM: 2 [2 - 2 - 2].
- 17 July 1974:** South Africa: Farm Rhoda 9, old mica mine: TM: 3 [3 - 3 - 3].
- 14 September 1974:** South Africa: Hans Merensky Nature Reserve: TM: 1 [1 - 1 - 1].
- 15 September 1974:** South Africa: Hans Merensky Nature Reserve: TM: 3 [3 - 3 - 3].
- 13 October 1974:** South Africa: Farm Dordrecht: TM: 2 [2 - 2 - 2].
- 15 October 1974:** South Africa: Waterberg, Farm Platbos: TM: 1 [1 - 1 - 1].
- 16 October 1974:** South Africa: Waterberg, Farm Platbos: TM: 1 [1 - 1 - 1].
- 18 October 1974:** South Africa: Waterberg, Farm Platbos: TM: 1 [1 - 1 - 1].
- 9 November 1974:** South Africa: Ten Bosch Estates: TM: 5 [5 - 5 - 5].
- 10 November 1974:** South Africa: Ten Bosch Estates: TM: 3 [3 - 3 - 3].
- 11 November 1974:** South Africa: Ten Bosch Estates: TM: 1 [1 - 1 - 1].
- 14 November 1974:** South Africa: Farm Othawo 242, Sabie Sand Private Nature Reserve: TM: 1 [1 - 1 - 1].
- 17 November 1974:** South Africa: Farm Othawo 242, Sabie Sand Private Nature Reserve: TM: 3 [3 - 3 - 3].
- 19 November 1974:** South Africa: Farm Othawo 242, Sabie Sand Private Nature Reserve: TM: 1 [1 - 1 - 1].
- 9 February 1975:** South Africa: Farm Narina: TM: 1 [1 - 1 - 1].
- 11 February 1975:** South Africa: Farm Cyprus 68: TM: 1 [1 - 1 - 1].
- 12 February 1975:** South Africa: Farm Cyprus 68: TM: 5 [5] - Farm Grootuikerboschkop 124: TM: 1 [1 - 6 - 6].
- 15 February 1975:** South Africa: Stormsriver State Forest Station: TM: 1 [1 - 1 - 1].

- 16 February 1975: South Africa: De Hoop Private Nature Reserve: TM: 11 [11 - 11 - 11].
- 15 April 1975: South Africa: Letaba Ranch, Sabi River: TM: 1 [1 - 1 - 1].
- 16 April 1975: South Africa: Letaba Ranch, Sabi River: TM: 9 [9 - 9 - 9].
- 19 April 1975: South Africa: Letaba Ranch, Sabi River: TM: 1 [1 - 1 - 1].
- 8 June 1975: South Africa: Farm Mooiplaas 94: TM: 1 [1 - 1 - 1].
- 20 June 1975: South Africa: Farm Mooiplaas 94: TM: 1 [1 - 1 - 1].
- 1 February 1976: South Africa: Shihangwane: TM: 1 [1 - 1 - 1].
- 21 February 1976: South Africa: Vendabind, on Levuvhu river: TM: 1 [1 - 1 - 1].
- 28 March 1976: South Africa: Soutpansberg [= Zoutpansberg], Entabeni State Forest: TM: 1 [1 - 1 - 1].
- 8 January 1977: South Africa: Farm Keikamspoor 71: TM: 2 [2 - 2 - 2].
- 4 February 1977: South Africa: Farm Keikamspoor 71: TM: 4 [4 - 4 - 4].
- 6 February 1977: South Africa: Farm Keikamspoor 71: TM: 14 [14] - Mockford's garden: TM: 1 [1 - 15 - 15].
- 7 February 1977: South Africa: Farm Keikamspoor 71: TM: 4 [4 - 4 - 4].
- 8 February 1977: South Africa: Farm Keikamspoor 71: TM: 1 [1 - 1 - 1].
- 1 April 1978: South Africa: Kabusi Forest station: TM: 1 [1 - 1 - 1].
- 1 June 1978: Namibia: Bats Hole: TM: 1 [1 - 1 - 1].
- 6 May 1979: South Africa: Mockford's garden: TM: 1 [1] - Pafuri: TM: 1 [1 - 2 - 2].
- 8 May 1979: South Africa: Mockford's garden: TM: 3 [3] - Pafuri: TM: 1 [1 - 4 - 4].
- 10 May 1979: South Africa: Mockford's garden: TM: 2 [2 - 2 - 2].
- 11 May 1979: South Africa: Mockford's garden: TM: 2 [2] - Pafuri: TM: 1 [1 - 3 - 3].
- 12 May 1979: South Africa: Mockford's garden: TM: 2 [2] - Pafuri: TM: 1 [1 - 3 - 3].
- 16 May 1979: South Africa: Punda Milia Camp: TM: 1 [1 - 1 - 1].
- 17 May 1979: South Africa: Dzundwini: TM: 1 [1 - 1 - 1].
- 8 June 1979: South Africa: Mockford's garden: TM: 1 [1 - 1 - 1].
- 8 July 1979: South Africa: Malelane: TM: 1 [1 - 1 - 1].
- 9 July 1979: South Africa: Malelane: TM: 1 [1 - 1 - 1].
- 14 July 1979: South Africa: Skukuza: TM: 6 [6 - 6 - 6].
- 15 July 1979: South Africa: Skukuza: TM: 6 [6 - 6 - 6].
- 9 October 1979: South Africa: Mkuzi River: TM: 1 [1 - 1 - 1].
- 15 September 1982: South Africa: Ndumu Game Reserve: TM: 1 [1 - 1 - 1].
- 16 September 1982: South Africa: Ndumu Game Reserve: TM: 4 [4 - 4 - 4].
- 19 September 1982: South Africa: Ndumu Game Reserve: TM: 2 [2 - 2 - 2].
- 21 September 1982: South Africa: Malibali pan: TM: 15 [15] - Wardens house, attic: TM: 5 [5 - 20 - 20].
- 22 September 1982: South Africa: Boksburg [midtown]: TM: 1 [1] - Nhlonhela pan: TM: 5 [5] - Wardens house, attic: TM: 3 [3 - 9 - 9].
- 23 September 1982: South Africa: Mkuzi River: TM: 16 [16 - 16 - 16].
- 24 September 1982: South Africa: Bube pan: TM: 26 [26] - Mkuzi Game Reserve: TM: 1 [1] - Msinga pan: TM: 9 [9] - Wardens house, attic: TM: 2 [2 - 38 - 38].
- 25 September 1982: South Africa: Bube pan: TM: 14 [14] - Malibali pan: TM: 4 [4] - Mkuzi River: TM: 1 [1 - 19 - 19].
- 2 February 1983: South Africa: Farm Grootfontein: TM: 1 [1 - 1 - 1].
- 5 February 1983: South Africa: Kalahari Gemsbok National Park, Leeuwdril: TM: 8 [8] - Kalahari Gemsbok National Park, Marie se Gat: TM: 2 [2] - Kalahari Gemsbok National Park, Rooikop: TM: 10 [10 - 20 - 20].
- 6 February 1983: South Africa: Kalahari Gemsbok National Park, Marie se Gat: TM: 16 [16] - Kalahari Gemsbok National Park, Rooikop: TM: 20 [20 - 36 - 36].
- 7 February 1983: South Africa: Kalahari Gemsbok National Park, Marie se Gat: TM: 15 [15] - Kuruman: TM: 1 [1 - 16 - 16].
- 9 February 1983: South Africa: Kalahari Gemsbok National Park, Bayip: TM: 1 [1] - Kalahari Gemsbok National Park, Dankbaar: TM: 1 [1 - 2 - 2].
- 10 February 1983: South Africa: Kalahari Gemsbok National Park, Bayip: TM: 1 [1] - Kalahari Gemsbok National Park, Dankbaar: TM: 5 [5 - 6 - 6].
- 13 February 1983: South Africa: Farm Donkerpoort 448: TM: 2 [2] - Farm Woodstock: TM: 22 [22] - Kuruman: TM: 1 [1] - Manxeba [=Maxeba] windmill: TM: 1 [1] - Picnic site: TM: 1 [1 - 27 - 27].
- 14 February 1983: South Africa: Farm Mooiplaas 94: TM: 1 [1] - Farm Woodstock: TM: 21 [21 - 22 - 22].
- 15 February 1983: South Africa: Kuruman: TM: 9 [9] - Mockford's garden: TM: 1 [1 - 10 - 10].
- 16 February 1983: South Africa: Kuruman: TM: 21 [21 - 21 - 21].
- 17 February 1983: South Africa: Kuruman: TM: 19 [19 - 19 - 19].
- 19 February 1983: South Africa: Farm Grootfontein: TM: 6 [6 - 6 - 6].
- 20 February 1983: South Africa: Farm Grootfontein: TM: 7 [7 - 7 - 7].
- 21 February 1983: South Africa: Farm Grootfontein: TM: 5 [5 - 5 - 5].
- 22 February 1983: South Africa: Farm Grootfontein: TM: 16 [16 - 16 - 16].
- 23 February 1983: South Africa: Mockford's garden: TM: 1 [1] - Norlim mine [=Buxton mine]: TM: 19 [19 - 20 - 20].
- 16 September 1983: South Africa: Sandile's Cave: TM: 5 [5 - 5 - 5].
- 28 September 1983: South Africa: Figtree camp: TM: 1 [1 - 1 - 1].
- 30 September 1983: South Africa: Anthrax camp: TM: 1 [1 - 1 - 1].
- 25 October 1983: South Africa: Old picnic site: TM: 8 [8 - 8 - 8].
- 27 October 1983: South Africa: Figtree camp: TM: 4 [4 - 4 - 4].
- 28 October 1983: South Africa: Erfplaas windmill: TM: 11 [11 - 11 - 11].
- 27 November 1983: South Africa: Mockford's garden: TM: 2 [2 - 2 - 2].
- 28 November 1983: South Africa: Figtree camp: TM: 3 [3 - 3 - 3].
- 29 November 1983: South Africa: Figtree camp: TM: 6 [6 - 6 - 6].
- 30 November 1983: South Africa: Anthrax camp: TM: 7 [7] - Old picnic site: TM: 7 [7 - 14 - 14].
- 26 January 1984: South Africa: Figtree camp: TM: 4 [4 - 4 - 4].
- 27 January 1984: South Africa: Figtree camp: TM: 5 [5 - 5 - 5].
- 1 February 1984: South Africa: Old picnic site: TM: 1 [1 - 1 - 1].
- 28 February 1984: South Africa: Anthrax camp: TM: 23 [23 - 23 - 23].
- 29 February 1984: South Africa: Anthrax camp: TM: 3 [3 - 3 - 3].
- 1 March 1984: South Africa: Figtree camp: TM: 3 [3 - 3 - 3].

- 2 March 1984: South Africa: Figtree camp: TM: 2 [2] - Gwalali Army camp: TM: 5 [5 - 7 - 7].
- 3 March 1984: South Africa: Gwalali Army camp: TM: 2 [2] - Mockford's garden: TM: 1 [1 - 3 - 3].
- 6 March 1984: South Africa: Bangu gorge caves: TM: 2 [2 - 2 - 2].
- 31 March 1984: South Africa: Anthrax camp: TM: 3 [3 - 3 - 3].
- 1 April 1984: South Africa: Figtree camp: TM: 7 [7 - 7 - 7].
- 2 April 1984: South Africa: Figtree camp: TM: 8 [8 - 8 - 8].
- 3 April 1984: South Africa: Figtree camp: TM: 3 [3 - 3 - 3].
- 19 April 1984: South Africa: Old picnic site: TM: 2 [2 - 2 - 2].
- 22 April 1984: South Africa: Gwalali Army camp: TM: 5 [5] - Limpopo-Levuvhu Rivers confluence: TM: 3 [3 - 8 - 8].
- 24 April 1984: South Africa: Figtree camp: TM: 12 [12 - 12 - 12].
- 25 April 1984: South Africa: Levuvhu bridge: CM: 1 [1 - 1 - 1].
- 26 April 1984: South Africa: Old picnic site: TM: 5 [5 - 5 - 5].
- 28 July 1984: South Africa: New figtree forest: TM: 1 [1 - 1 - 1].
- 30 July 1984: South Africa: Manxeba [=Maxeba] windmill: TM: 2 [2 - 2 - 2].
- 29 August 1984: South Africa: Figtree camp: TM: 4 [4 - 4 - 4].
- 30 August 1984: South Africa: Manxeba [=Maxeba] windmill: TM: 1 [1 - 1 - 1].
- 31 August 1984: South Africa: Manditobe dam: TM: 4 [4 - 4 - 4].
- 4 September 1984: South Africa: Rhenosterkoppies: TM: 1 [1 - 1 - 1].
- 14 September 1984: South Africa: Figtree camp: TM: 1 [1 - 1 - 1].
- 24 September 1984: South Africa: Figtree camp: TM: 9 [9 - 9 - 9].
- 30 October 1984: Namibia: Farm Klein Aus 8: TM: 8 [8 - 8 - 8].
- 31 October 1984: Namibia: Farm Klein Aus 8: TM: 9 [9 - 9 - 9].
- 1 November 1984: Namibia: Farm Klein Aus 8: TM: 6 [6 - 6 - 6].
- 3 November 1984: Namibia: Farm Zwartmodder 101: TM: 32 [32 - 32 - 32].
- 4 November 1984: Namibia: Farm Zwartmodder 101: TM: 1 [1 - 1 - 1].
- 5 November 1984: Namibia: Farm Zwartmodder 101: TM: 13 [13 - 13 - 13].
- 7 November 1984: Namibia: Farm Zwartmodder 101: TM: 1 [1 - 1 - 1].
- 9 November 1984: Namibia: Farm Otjikoko Sud 61 [Pipistrelle Cave]: TM: 10 [10] - Otjikoko Sud 61: TM: 2 [2 - 12 - 12].
- 31 January 1985: South Africa: Anthrax camp: TM: 4 [4 - 4 - 4].
- 1 February 1985: South Africa: Old picnic site: TM: 1 [1 - 1 - 1].
- 2 February 1985: South Africa: Culling camp: TM: 8 [8 - 8 - 8].
- 3 February 1985: South Africa: Figtree camp: TM: 2 [2 - 2 - 2].
- 4 February 1985: South Africa: Mockford's garden: TM: 2 [2 - 2 - 2].
- 5 February 1985: South Africa: New figtree forest: TM: 1 [1 - 1 - 1].
- 6 February 1985: South Africa: Anthrax camp: TM: 3 [3 - 3 - 3].
- 11 April 1985: South Africa: Levuvhu river: TM: 1 [1] - New figtree forest: TM: 4 [4 - 5 - 5].
- 12 April 1985: South Africa: Old picnic site: TM: 7 [7 - 7 - 7].
- 13 April 1985: South Africa: Culling camp: TM: 3 [3] - Old picnic site: TM: 5 [5 - 8 - 8].
- 14 April 1985: South Africa: Manxeba [=Maxeba] windmill: TM: 1 [1 - 1 - 1].
- 15 April 1985: South Africa: Manxeba [=Maxeba] windmill: TM: 1 [1 - 1 - 1].
- 16 April 1985: South Africa: Figtree forest: TM: 1 [1 - 1 - 1].
- 3 November 1985: Namibia: Farm Zwartmodder 101: TM: 1 [1 - 1 - 1].
- 6 November 1985: South Africa: Gwalali Army camp: TM: 1 [1 - 1 - 1].
- 4 March 1986: South Africa: Cederberg, Algeria State Forest, campsite: TM: 9 [9 - 9 - 9].
- 6 March 1986: South Africa: Cederberg, Algeria State Forest, campsite: TM: 4 [4 - 4 - 4].
- 7 March 1986: South Africa: Cederberg, Algeria State Forest, campsite: TM: 8 [8 - 8 - 8].
- 6 May 1986: South Africa: Fig Tree Camp: CM: 2 [2 - 2 - 2].
- 7 May 1986: South Africa: Fig Tree Camp: CM: 4 [4 - 4 - 4].
- 8 May 1986: South Africa: Maditobepan: CM: 11 [11 - 11 - 11].
- 9 May 1986: South Africa: Old Picnic site: CM: 1 [1 - 1 - 1].
- 11 May 1986: South Africa: Mockford's garden: TM: 2 [2 - 2 - 2].
- 20 July 1986: South Africa: Figtree camp: TM: 3 [3 - 3 - 3].
- 22 July 1986: South Africa: Mockford's garden: TM: 2 [2 - 2 - 2].
- 16 October 1986: South Africa: Figtree camp: TM: 3 [3 - 3 - 3].
- 19 October 1986: South Africa: Figtree camp: TM: 1 [1 - 1 - 1].
- 20 October 1986: South Africa: Gwalali Army camp: TM: 2 [2 - 2 - 2].
- 21 October 1986: South Africa: Gwalali Army camp: TM: 2 [2] - Waterberg, Farm Klipfontein 54JS: TM: 1 [1 - 3 - 3].
- 26 April 1987: South Africa: Ngome Forest Reserve: TM: 1 [1 - 1 - 1].
- 29 October 1987: South Africa: Waterberg, Farm Klipfontein 54JS: TM: 10 [10 - 10 - 10].
- 19 January 1988: South Africa: Figtree camp: TM: 3 [3] - Mockford's garden: TM: 1 [1 - 4 - 4].
- 21 January 1988: South Africa: Maditobe [= Witsand] Dam: TM: 3 [3] - Maditobe Witsand Dam: TM: 2 [2 - 5 - 5].
- 24 January 1988: South Africa: Letaba highwater bridge: TM: 6 [6] - Old picnic site: TM: 5 [5 - 11 - 11].
- 25 January 1988: South Africa: Letaba restcamp, 1 km SE: TM: 8 [8 - 8 - 8].
- 27 January 1988: South Africa: Waterberg, Farm Klipfontein 54JS: TM: 1 [1 - 1 - 1].
- 4 February 1988: South Africa: Lebombo Ironwood forest: TM: 6 [6 - 6 - 6].
- 7 February 1988: South Africa: Rhenosterkoppies: TM: 6 [6 - 6 - 6].
- 15 February 1988: South Africa: Figaro Mine: TM: 9 [9 - 9 - 9].
- 8 March 1988: South Africa: Old picnic site: TM: 3 [3 - 3 - 3].
- 25 November 1988: South Africa: Battelary: TM: 1 [1 - 1 - 1].
- 5 December 1988: South Africa: Farm Koegelbeen / Farm Brakfontein, Koegelbeen cave: TM: 11 [11 - 11 - 11].
- 8 February 1989: South Africa: Anthrax camp: TM: 2 [2] - Bobomeni research camp [=Bobomene]: TM: 7 [7 - 9 - 9].
- 1 October 1989: South Africa: Figaro Mine: TM: 11 [11 - 11 - 11].
- 1 November 1989: South Africa: Farm Olivewood 284: TM: 8 [8 - 8 - 8].
- 2 November 1989: South Africa: Farm Olivewood 284: TM: 8 [8 - 8 - 8].
- 21 November 1989: South Africa: Farm Greefswald 37 [=Mapungubwe], Shashi-Limpopo confluence: TM: 7 [7 - 7 - 7].
- 30 December 1989: South Africa: Postberg Nature Reserve: TM: 1 [1 - 1 - 1].

- 3 March 1990: South Africa: Bobomeni research camp [=Bobomene]: TM: 1 [1 - 1 - 1].
 7 March 1990: South Africa: Picnic site: TM: 6 [6 - 6 - 6].
 20 May 1990: Malawi: Likabula mission: TM: 1 [1 - 1 - 1].
 1 July 1990: Zimbabwe: Mana Pools National Park: TM: 1 [1 - 1 - 1].
 22 October 1990: South Africa: Bobomeni research camp [=Bobomene]: TM: 4 [4 - 4 - 4].
 24 October 1990: South Africa: Anthrax camp: TM: 3 [3] - Manxeba [=Maxebe] windmill: TM: 1 [1 - 4 - 4].
 16 April 1991: South Africa: Skukuza staff village: TM: 2 [2 - 2 - 2].
 20 January 1993: South Africa: Old picnic site: TM: 1 [1 - 1 - 1].
 5 November 1995: South Africa: Farm Sarum 245LS, Buzzard Mountain Retreat: TM: 2 [2 - 2 - 2].

Total Specimens for Rautenbach, Ignatius L. (Dr.) [=Naas]: 1304

Rautenbach, Ignatius L. (Dr.) [=Naas] and Coetzee, C.G.

- 30 May 1978: Namibia: Ganab water hole: TM: 2 [2 - 2 - 2].
 31 May 1978: Namibia: Ganab water hole: TM: 2 [2 - 2 - 2].

Total Specimens for Rautenbach, Ignatius L. (Dr.) [=Naas] and Coetzee, C.G.: 4

Rautenbach, Ignatius L. (Dr.) [=Naas] and de Jager

- 28 March 1976: South Africa: Soutpansberg [=Zoutpansberg], Entabeni State Forest: TM: 2 [2 - 2 - 2].
 30 January 1979: South Africa: Karoo National Park: TM: 1 [1 - 1 - 1].
 15 February 1979: South Africa: Stormsriver State Forest Station: TM: 6 [6 - 6 - 6].
 16 February 1979: South Africa: Stormsriver State Forest Station: TM: 7 [7 - 7 - 7].

Total Specimens for Rautenbach, Ignatius L. (Dr.) [=Naas] and de Jager: 16

Rautenbach, Ignatius L. (Dr.) [=Naas] and Dippenaar, Nico J. (Dr.)

- Collection Date Unknown: South Africa: Mosdene Private Nature Reserve: TM: 1 [1 - 1 - 1].
 5 April 1973: South Africa: Loskopdam Nature Reserve: TM: 2 [2 - 2 - 2].
 9 April 1973: South Africa: Loskopdam Nature Reserve: TM: 1 [1 - 1 - 1].

Total Specimens for Rautenbach, Ignatius L. (Dr.) [=Naas] and Dippenaar, Nico J. (Dr.): 4

Rautenbach, Ignatius L. (Dr.) [=Naas] and L.J.L

- 27 January 1970: South Africa: Augrabies Falls National Park: TM: 1 [1 - 1 - 1].

Total Specimens for Rautenbach, Ignatius L. (Dr.) [=Naas] and L.J.L: 1

Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel

- Collection Date Unknown: South Africa: Craigadam: TM: 5 [5 - 5 - 5].
 3 February 1978: South Africa: Craigadam: TM: 1 [1 - 1 - 1].
 3 February 1980: South Africa: Craigadam: TM: 15 [15 - 15 - 15].
 6 February 1980: South Africa: Craigadam: TM: 12 [12 - 12 - 12].
 9 February 1980: South Africa: Doornkraal campsite: TM: 3 [3 - 3 - 3].
 11 February 1980: South Africa: Ithala [=Itala] Game Reserve: TM: 7 [7 - 7 - 7].
 14 February 1980: South Africa: Doornkraal campsite: TM: 2 [2] - Ithala [=Itala] Game Reserve: TM: 1 [1 - 3 - 3].

Total Specimens for Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel: 46

Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel and van der Merwe, Mac. (Dr.)

- Collection Date Unknown: South Africa: Figtree camp: TM: 1 [1] - Mashikiri windmill: TM: 4 [4 - 5 - 5].

Total Specimens for Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel and van der Merwe, Mac. (Dr.): 5

Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel and Wolhuter, D.A.

- Collection Date Unknown: South Africa: Leuvuhu River: TM: 1 [1 - 1 - 1].

Total Specimens for Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel and Wolhuter, D.A.: 1

Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel, F.

- 27 January 1982: South Africa: Leuvuhu hippo pool: TM: 1 [1 - 1 - 1].

Total Specimens for Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel, F.: 1

Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel, J.

- 8 February 1978:** South Africa: : TM: 4 [4] - Cederberg, Algeria State Forest, campsite: TM: 6 [6 - 10 - 10].
9 February 1978: South Africa: : TM: 1 [1] - Cederberg, Algeria State Forest, campsite: TM: 2 [2 - 3 - 3].
10 February 1978: South Africa: : TM: 1 [1] - Cederberg, Algeria State Forest, campsite: TM: 5 [5] - Mockford's garden: TM: 1 [1 - 7 - 7].
11 February 1978: South Africa: Cederberg, Algeria State Forest, campsite: TM: 2 [2 - 2 - 2].
9 August 1978: South Africa: Cederberg, Algeria State Forest, campsite: TM: 1 [1 - 1 - 1].
7 February 1980: South Africa: Craigadam: TM: 1 [1 - 1 - 1].
9 February 1980: South Africa: Doornkraal campsite: TM: 1 [1 - 1 - 1].
14 February 1980: South Africa: Ithala Game Reserve [=Itala Nature Reserve]: TM: 4 [4 - 4 - 4].
30 October 1980: South Africa: : TM: 1 [1 - 1 - 1].

Total Specimens for Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel, J.: 30

Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.)

- Collection Date Unknown:** South Africa: Levuvhu Hippo pool: TM: 2 [2] - Mahembane: TM: 1 [1] - Punda Milia: TM: 9 [9] - Stangene Dam: TM: 1 [1 - 13 - 13].
8 May 1977: South Africa: Augrabies Falls National Park: TM: 1 [1 - 1 - 1].
8 September 1977: South Africa: : MMK: 1 [1] - Augrabies Falls National Park: TM: 1 [1 - 2 - 2].
11 September 1979: South Africa: Levuvhu Hippo pool: TM: 22 [22] - Levuvhu Hippopool: TM: 1 [1 - 23 - 23].
12 September 1979: South Africa: Levuvhu Hippo pool: TM: 10 [10] - Levuvhu Hippopool: TM: 3 [3 - 13 - 13].
13 September 1979: South Africa: Levuvhu hippo pool: TM: 1 [1] - Mockford's garden: TM: 2 [2 - 3 - 3].
14 September 1979: South Africa: Levuvhu Hippo pool: TM: 9 [9 - 9 - 9].
15 September 1979: South Africa: Levuvhu hippo pool: TM: 2 [2] - Levuvhu Hippopool: TM: 4 [4] - Mockford's garden: TM: 2 [2 - 8 - 8].
16 September 1979: South Africa: Stangene Dam: TM: 1 [1 - 1 - 1].
20 September 1979: South Africa: Mahembane: TM: 2 [2 - 2 - 2].
21 September 1979: South Africa: Punda Maria Camp: TM: 9 [9] - Punda Milia Camp: TM: 17 [17] - Tshalungwa Fountain [=Shalungwafontein, Tshalungwafontein]: TM: 10 [10 - 36 - 36].
22 September 1979: South Africa: Punda Milia Camp: TM: 11 [11] - Shashanga windmill: TM: 1 [1 - 12 - 12].
23 September 1979: South Africa: Levuvhu Hippo pool: TM: 1 [1] - Shashanga windmill: TM: 22 [22 - 23 - 23].
18 November 1988: South Africa: Natures Valley Village: TM: 4 [4 - 4 - 4].

Total Specimens for Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): 150

Rautenbach, Ignatius L. (Dr.) [=Naas] and van der Merwe, Mac. (Dr.)

- Collection Date Unknown:** South Africa: Tshalungwa Fountain [=Shalungwafontein, Tshalungwafontein]: TM: 1 [1 - 1 - 1].
25 January 1984: South Africa: Figtree camp: TM: 13 [13 - 13 - 13].
26 January 1984: South Africa: Figtree camp: TM: 2 [2] - Tshalungwa Fountain [=Shalungwafontein, Tshalungwafontein]: TM: 5 [5 - 7 - 7].
27 January 1984: South Africa: Figtree camp: TM: 3 [3 - 3 - 3].

Total Specimens for Rautenbach, Ignatius L. (Dr.) [=Naas] and van der Merwe, Mac. (Dr.): 24

Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.

- 7 October 1980:** South Africa: : TM: 2 [2] - Farm Nydas [=Cnydas]: TM: 11 [11 - 13 - 13].
9 October 1980: South Africa: : TM: 1 [1] - Farm Nydas [=Cnydas]: TM: 6 [6 - 7 - 7].
10 October 1980: South Africa: Farm Nydas [=Cnydas]: TM: 2 [2 - 2 - 2].
12 October 1980: Namibia: Farm Rheinvels: TM: 1 [1 - 1 - 1].
13 October 1980: Namibia: Farm Rheinvels: TM: 4 [4 - 4 - 4].
14 October 1980: Namibia: Farm Rheinvels: TM: 3 [3 - 3 - 3].
28 October 1980: Namibia: Swartkop: TM: 1 [1 - 1 - 1].
30 October 1980: Namibia: : MMK: 2, TM: 1 [3] - Rosh Pinah: TM: 17 [17 - 20].
 South Africa: Farm Modderfontein, Howel Davies Caves: TM: 1 [1 - 1 - 21].
31 October 1980: Namibia: : MMK: 1 [1] - Farm Huns 106: TM: 3 [3 - 4 - 4].
11 November 1980: South Africa: Farm Nydas [=Cnydas]: TM: 1 [1 - 1 - 1].
29 August 1983: South Africa: Figtree camp: TM: 2 [2 - 2 - 2].
1 September 1983: South Africa: Figtree camp: TM: 12 [12 - 12 - 12].

Total Specimens for Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: 71

Rautenbach, Ignatius L. (Dr.) [=Naas] and Wright, Peter J.

- 23 October 1981:** Zimbabwe: Sengwa Wildlife Research Station: TM: 16 [16 - 16 - 16].
24 October 1981: Zimbabwe: Sengwa Wildlife Research Station: TM: 1 [1 - 1 - 1].
2 November 1981: Zimbabwe: Rhodes Matopos National Park: DNSM: 1 [1 - 1 - 1].

Total Specimens for Rautenbach, Ignatius L. (Dr.) [=Naas] and Wright, Peter J.: 18

Rautenbach, Ignatius L. (Dr.) [=Naas] et al

- Collection Date Unknown:** Malawi: Likabula mission: TM: 1 [1 - 1 - 1].

Total Specimens for Rautenbach, Ignatius L. (Dr.) [=Naas] et al: 1

Rautenbach, Ignatius L. (Dr.) [=Naas] et al.

Collection Date Unknown: South Africa: Levuhu Hippo pool: TM: 1 [1] - Levuvhu hippo pool: TM: 3 [3] - Skukuza, 7 km E, on Sabie river: TM: 1 [1 - 5 - 5].

23 May 1980: Malawi: Likabula mission: TM: 2 [2 - 2 - 2].

26 October 1981: Zimbabwe: : MMK: 1 [1] - Sengwa Wildlife Research Station: TM: 3 [3 - 4 - 4].

27 October 1981: Zimbabwe: Sengwa Wildlife Research Station: TM: 2 [2 - 2 - 2].

28 October 1981: Zimbabwe: Sengwa Wildlife Research Station: TM: 6 [6 - 6 - 6].

1 November 1981: Zimbabwe: Rhodes Matopos National Park: TM: 4 [4 - 4 - 4].

2 November 1981: Zimbabwe: Rhodes Matopos National Park: TM: 4 [4 - 4 - 4].

23 January 1982: South Africa: Levuvhu hippo pool: TM: 1 [1 - 1 - 1].

27 January 1982: South Africa: Levuvhu hippo pool: TM: 15 [15 - 15 - 15].

28 January 1982: South Africa: Levuvhu hippo pool: TM: 10 [10 - 10 - 10].

29 January 1982: South Africa: Levuvhu hippo pool: TM: 15 [15 - 15 - 15].

22 November 1988: South Africa: Jonkershoek Nature Conservation Research Station: TM: 1 [1 - 1 - 1].

23 November 1988: South Africa: Jonkershoek Nature Conservation Research Station: TM: 3 [3 - 3 - 3].

20 May 1990: Malawi: Likabula mission: TM: 1 [1 - 1 - 1].

21 May 1990: Malawi: Likabula mission: TM: 4 [4 - 4 - 4].

22 May 1990: Malawi: Likabula mission: TM: 2 [2 - 2 - 2].

23 May 1990: Malawi: Likabula mission: TM: 2 [2 - 2 - 2].

Total Specimens for Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: 81

Rautenbach, Ignatius L. (Dr.) [=Naas]; Bronner, Gary Neil (Dr.) and Schlitter, Duane A (Dr.)

Collection Date Unknown: South Africa: : TM: 1 [1 - 1 - 1].

7 October 1981: Zimbabwe: Umtali mine adit [=Umtali Old mine]: TM: 1 [1 - 1 - 1].

15 September 1987: South Africa: Farm Oograbies West 153: TM: 1 [1 - 1 - 1].

1 December 1988: South Africa: Cederberg, Algeria State Forest, campsite: TM: 4 [4 - 4 - 4].

2 December 1988: South Africa: Cederberg, Algeria State Forest, campsite: TM: 7 [7 - 7 - 7].

Total Specimens for Rautenbach, Ignatius L. (Dr.) [=Naas]; Bronner, Gary Neil (Dr.) and Schlitter, Duane A (Dr.): 14

Rautenbach, Ignatius L. (Dr.) [=Naas]; Bronner, Gary Neil (Dr.) and Weber

1 October 1987: South Africa: Farm Wagondrift 230: TM: 3 [3 - 3 - 3].

2 October 1987: South Africa: Farm Wagondrift 230: TM: 7 [7 - 7 - 7].

Total Specimens for Rautenbach, Ignatius L. (Dr.) [=Naas]; Bronner, Gary Neil (Dr.) and Weber: 10

Rautenbach, Ignatius L. (Dr.) [=Naas]; de Jager and de Graaff

22 January 1979: South Africa: Karoo National Park: TM: 2 [2 - 2 - 2].

Total Specimens for Rautenbach, Ignatius L. (Dr.) [=Naas]; de Jager and de Graaff: 2

Rautenbach, Ignatius L. (Dr.) [=Naas]; Dippenaar, Nico J. (Dr.) and Underwood

7 April 1973: South Africa: Loskopdam Nature Reserve: TM: 1 [1 - 1 - 1].

Total Specimens for Rautenbach, Ignatius L. (Dr.) [=Naas]; Dippenaar, Nico J. (Dr.) and Underwood: 1

Rautenbach, Ignatius L. (Dr.) [=Naas]; Wolhuter, D.A. and Coetzee, C.G.

28 October 1980: Namibia: Swartkop: TM: 2 [2 - 2 - 2].

Total Specimens for Rautenbach, Ignatius L. (Dr.) [=Naas]; Wolhuter, D.A. and Coetzee, C.G.: 2

Rautenberg

8 February 1899: Tanzania: Dar es Salaam: ZMH: 1 [1 - 1 - 1].

Total Specimens for Rautenberg: 1

Raven, H.C.

20 October 1919: South Africa: Ottershoop: USNM: 1 [1 - 1 - 1].

Total Specimens for Raven, H.C.: 1

Reck

Collection Date Unknown: Tanzania: Tendaguru [=Tendaguro]: ZMB: 1 [1] - Tendoguru: ZMB: 2 [2 - 3 - 3].

Total Specimens for Reck: 3

Rees, A.F. and Start, A.N.

26 February 1964: Tanzania: Muhange: BMNH: 1 [1 - 1 - 1].

Total Specimens for Rees, A.F. and Start, A.N.: 1

Rees, A.F.?

10 June 1958: Tanzania: Mbemba: SMF: 1 [1 - 1 - 1].

19 December 1958: Tanzania: Kilosa: HZM: 1 [1 - 1 - 1].

17 January 1959: Tanzania: Kilosa: HZM: 1 [1 - 1 - 1].

7 February 1959: Tanzania: Kichanjane: HZM: 1 [1 - 1 - 1].

7 May 1959: Tanzania: Igalula: HZM: 1 [1 - 1 - 1].

4 October 1961: Tanzania: Lukoga: HZM: 1 [1 - 1 - 1].

24 January 1962: Tanzania: Kilosa: ZFMK: 1 [1 - 1 - 1].

Total Specimens for Rees, A.F.?: 7

Regner

Collection Date Unknown: Tanzania: Pangani river: ZMB: 1 [1 - 1 - 1].

Total Specimens for Regner: 1

Reichenow

Collection Date Unknown: Cameroon: Ajos Höhe [=Ayos Heights]: ZMB: 2 [2] - no specific locality: ZMB: 1 [1 - 3].
Ghana: Abokobi: ZMB: 3 [3] - Accra: ZMB: 5 [5] - Aguapim: ZMB: 1 [1 - 9 - 12].

Total Specimens for Reichenow: 12

Reid, C.J.

29 January 1978: Nigeria: Alimbo Ferry Road: BMNH: 1 [1 - 1 - 1].

Total Specimens for Reid, C.J.: 1

Reimer

Collection Date Unknown: German East Africa: : ZMB: 1 [1 - 1 - 1].

Total Specimens for Reimer: 1

Reitter, Mlle

Collection Date Unknown: Congo (Democratic Republic of the): Ibambi: RMCA: 2 [2 - 2 - 2].

Total Specimens for Reitter, Mlle: 2

Rendall, Percy (dr.)

Collection Date Unknown: South Africa: Kaap river: BMNH: 1 [1 - 1].

The Gambia: Bathurst [=Banjul]: BMNH: 3 [3] - Gambia: BMNH: 1 [1 - 4 - 5].

4 April 1839: The Gambia: Gambia river: BMNH: 1 [1 - 1 - 1].

25 April 1895: Malawi: Fort Johnston: BMNH: 1 [1 - 1 - 1].

28 April 1895: Malawi: Fort Johnston: BMNH: 1 [1 - 1 - 1].

14 June 1895: Malawi: Shire river, upper: SMTD: 1 [1 - 1 - 1].

5 September 1895: Malawi: Shire river, upper: BMNH: 1 [1 - 1 - 1].

Total Specimens for Rendall, Percy (dr.): 10

Retzlaff, M.

17 June 1910: Cameroon: Bibundi: ZMH: 1 [1 - 1 - 1].

Total Specimens for Retzlaff, M.: 1

Revoil

Collection Date Unknown: Somalia: Somalia: MNHN: 4 [4 - 4 - 4].

Total Specimens for Revoil: 4

Rex, J.H.

Collection Date Unknown: South Africa: Knysna: TM: 5 [5 - 5 - 5].
1 February 1909: South Africa: Knysna: TM: 1 [1 - 1 - 1].

Total Specimens for Rex, J.H.: 6

Rhode

Collection Date Unknown: Cameroon: Murkoryé: MHNG: 1 [1 - 1 - 1].

Total Specimens for Rhode: 1

Richard, Dr.

Collection Date Unknown: Congo (Democratic Republic of the): Leopoldville [=Kinshasa]: RMCA: 1 [1] - Lubumbashi: RMCA: 1 [1 - 2 - 2].

Total Specimens for Richard, Dr.: 2

Richards, G.

Collection Date Unknown: South Africa: Gillets: DNSM: 1 [1 - 1 - 1].
21 July 1959: South Africa: Gillets: DNSM: 1 [1 - 1 - 1].

Total Specimens for Richards, G.: 2

Richardson and Kearney, Teresa Catherine (Dr.)

Collection Date Unknown: South Africa: Pietermaritzburg: DNSM: 1 [1 - 1 - 1].

Total Specimens for Richardson and Kearney, Teresa Catherine (Dr.): 1

Richardson and Mari

Collection Date Unknown: South Africa: Westville: DNSM: 1 [1 - 1 - 1].

Total Specimens for Richardson and Mari: 1

Richardson, E.

Collection Date Unknown: South Africa: : TM: 1 [1] - Pinetown: DNSM: 1 [1 - 2 - 2].

Total Specimens for Richardson, E.: 2

Richardson, E.J.

Collection Date Unknown: South Africa: Durban, University of Natal campus: DNSM: 1 [1 - 1 - 1].

Total Specimens for Richardson, E.J.: 1

Richardson, P.

Collection Date Unknown: Namibia: Namibia Desert Research Station [= DERU]: TM: 2 [2 - 2 - 2].
1 August 1977: Namibia: Namibia Desert Research Station [= DERU]: TM: 10 [10 - 10 - 10].

Total Specimens for Richardson, P.: 12

Richers

Collection Date Unknown: Togo: no specific locality: ZMB: 1 [1 - 1 - 1].

Total Specimens for Richers: 1

Rigaux, P. and Louette, Michel

27 February 1980: Liberia: LTC Camp: RMCA: 1 [1 - 1 - 1].
3 March 1980: Liberia: LTC Camp: RMCA: 1 [1 - 1 - 1].

Total Specimens for Rigaux, P. and Louette, Michel: 2

Riggenbach

Collection Date Unknown: Cameroon: no specific locality: ZMB: 2 [2 - 2].
Senegal: Ndoro: ZMB: 2 [2] - No specific locality: ZMB: 1 [1] - Thiès: ZMB: 4 [4 - 7 - 9].

Total Specimens for Riggenbach: 9

Rippenbach

Collection Date Unknown: Senegal: Thiès: BMNH: 1 [1 - 1 - 1].

Total Specimens for Rippenbach: 1

Risser, A.C.

20 November 1963: Namibia: Namibia Desert Research Station [= DERU]: USNM: 1 [1 - 1 - 1].
8 December 1963: South Africa: Springbok, 7 mi W: USNM: 1 [1 - 1 - 1].
12 December 1963: South Africa: Springbok, 7 mi W: USNM: 1 [1 - 1 - 1].
20 March 1964: South Africa: Glen: USNM: 7 [7 - 7 - 7].

Total Specimens for Risser, A.C.: 10

Robb, Dr. A.

Collection Date Unknown: Tanzania: Zanzibar: BMNH: 4 [4 - 4 - 4].

Total Specimens for Robb, Dr. A.: 4

Robb, Dr. A. (coll.), Smith, dr. J. (pres)

Collection Date Unknown: Nigeria: Calabar: BMNH: 1 [1] - Old Calabar: BMNH: 1 [1 - 2 - 2].

Total Specimens for Robb, Dr. A. (coll.), Smith, dr. J. (pres): 2

Robbins, C. Brian

Collection Date Unknown: Benin: Bimbereke: USNM: 6 [6] - Diho: USNM: 1 [1] - Guene: USNM: 9 [9] - Kouande: USNM: 2 [2] - Nikki: USNM: 4 [4] - Parakou: USNM: 1 [1] - Segbana: USNM: 1 [1 - 24].
Ghana: Legon [Botanical Garden]: USNM: 9 [9 - 9].
Togo: Gbetope: USNM: 1 [1] - Pagala: USNM: 1 [1 - 2 - 35].
16 April 1967: Mauritania: Garak: USNM: 50 [50 - 50 - 50].
25 June 1967: Senegal: Ranerou, 13 km NW: USNM: 1 [1 - 1 - 1].
25 November 1967: Ghana: Teshi: USNM: 1 [1 - 1 - 1].
28 November 1967: Ghana: Legon [Botanical Garden]: USNM: 1 [1 - 1 - 1].
30 November 1967: Ghana: Akosombo: USNM: 10 [10 - 10 - 10].
17 December 1967: Ghana: Weija: USNM: 14 [14 - 14 - 14].
19 January 1968: Benin: Bimbereke: USNM: 2 [2 - 2 - 2].
20 January 1968: Benin: Bimbereke: USNM: 1 [1 - 1 - 1].
21 January 1968: Benin: Bimbereke: USNM: 10 [10 - 10 - 10].
22 January 1968: Benin: Bimbereke: USNM: 1 [1 - 1 - 1].
23 January 1968: Benin: Bimbereke: USNM: 3 [3 - 3 - 3].
29 January 1968: Benin: Guene: USNM: 17 [17 - 17 - 17].
15 February 1968: Benin: Segbana: USNM: 4 [4 - 4 - 4].
16 February 1968: Benin: Segbana: USNM: 1 [1 - 1 - 1].
24 February 1968: Benin: Nikki: USNM: 8 [8 - 8 - 8].
28 February 1968: Benin: Parakou: USNM: 1 [1 - 1 - 1].
15 April 1968: Benin: Zizonkame: USNM: 1 [1 - 1 - 1].
16 April 1968: Benin: Zizonkame: USNM: 3 [3 - 3 - 3].
17 April 1968: Benin: Zizonkame: USNM: 4 [4 - 4 - 4].
18 April 1968: Benin: Zizonkame: USNM: 1 [1 - 1 - 1].
21 April 1968: Benin: Soubroukou: USNM: 4 [4 - 4 - 4].
22 April 1968: Benin: Soubroukou: USNM: 1 [1 - 1 - 1].
23 April 1968: Benin: Soubroukou: USNM: 1 [1 - 1 - 1].
24 April 1968: Benin: Soubroukou: USNM: 2 [2 - 2 - 2].
7 May 1968: Benin: Porga: USNM: 1 [1 - 1 - 1].
10 May 1968: Togo: Dapango: USNM: 2 [2 - 2 - 2].
19 May 1968: Togo: Padori: USNM: 1 [1 - 1 - 1].
24 May 1968: Togo: Pawa: USNM: 1 [1 - 1 - 1].
21 June 1968: Benin: Kpodave: USNM: 1 [1 - 1 - 1].
1 July 1968: Togo: Ezimé: USNM: 2 [2 - 2 - 2].
2 July 1968: Togo: Ezimé: USNM: 1 [1 - 1 - 1].
4 July 1968: Togo: Ezimé: USNM: 1 [1 - 1 - 1].
5 July 1968: Togo: Ezimé: USNM: 2 [2 - 2 - 2].
11 July 1968: Togo: Agou: USNM: 1 [1 - 1 - 1].
17 June 1979: Congo (Democratic Republic of the): Yalosemba: USNM: 2 [2 - 2 - 2].

- 27 June 1979: Congo (Democratic Republic of the): Yalosemba: USNM: 1 [1 - 1 - 1].
 7 July 1979: Congo (Democratic Republic of the): Tandala: USNM: 1 [1 - 1 - 1].
 11 July 1979: Congo (Democratic Republic of the): Tandala: USNM: 1 [1 - 1 - 1].
 18 July 1979: Congo (Democratic Republic of the): Tandala: USNM: 1 [1 - 1 - 1].
 20 April 1984: Sierra Leone: Fintonia, 5.8 km E: USNM: 2 [2 - 2 - 2].
 16 May 1984: Sierra Leone: Fintonia, 5.7 km NE: USNM: 1 [1 - 1 - 1].
 17 May 1984: Sierra Leone: Fintonia, 5.7 km NE: USNM: 1 [1 - 1 - 1].

Total Specimens for Robbins, C. Brian: 200

Robbins, C. Brian and Schmidt, D.F.

- 16 April 1984: Sierra Leone: Fintonia, 5.8 km E: USNM: 1 [1 - 1 - 1].
 30 April 1984: Sierra Leone: Sainya, 5.2 mi W by road: USNM: 2 [2 - 2 - 2].
 15 May 1984: Sierra Leone: Fintonia, 5.7 km NE: USNM: 1 [1 - 1 - 1].

Total Specimens for Robbins, C. Brian and Schmidt, D.F.: 4

Robbins, Lynn W.

- Collection Date Unknown:** Cote D'Ivoire: Bouna: USNM: 2 [2 - 2].
 Egypt: Abu Rawash: CM: 1 [1] - Saqqara: CM: 1 [1 - 2].
 Ghana: Bimbilla, 15 mi S: AMNH: 1 [1 - 1].
 Malawi: MacLear, cape: CM: 3 [3 - 3].
 South Africa: Barberton, 14 km NW: CM: 1 [1] - Port Shepstone, 48 km NE: CM: 2 [2 - 3 - 11].
- 16 July 1967: Congo (Democratic Republic of the): Tandala: USNM: 1 [1 - 1 - 1].
 23 September 1968: Ghana: Legon [Botanical Garden]: USNM: 1 [1 - 1 - 1].
 7 October 1968: Ghana: Legon [Botanical Garden]: USNM: 1 [1 - 1 - 1].
 11 December 1968: Cote D'Ivoire: Yapo-Sud: USNM: 3 [3 - 3 - 3].
 13 December 1968: Cote D'Ivoire: Yapo-Sud: USNM: 1 [1 - 1 - 1].
 12 January 1969: Cote D'Ivoire: Ehania: USNM: 1 [1 - 1 - 1].
 27 February 1969: Cote D'Ivoire: Niebe: USNM: 1 [1 - 1 - 1].
 3 March 1969: Cote D'Ivoire: Kahin: USNM: 1 [1 - 1 - 1].
 5 March 1969: Cote D'Ivoire: Kahin: USNM: 1 [1 - 1 - 1].
 18 April 1969: Côte d'Ivoire: Adiopodoumé: USNM: 1 [1 - 1 - 1].
 22 April 1969: Côte d'Ivoire: Adiopodoumé: USNM: 1 [1 - 1 - 1].
 15 May 1969: Cote D'Ivoire: Kong: USNM: 1 [1 - 1 - 1].
 19 May 1969: Cote D'Ivoire: Kong: USNM: 1 [1 - 1 - 1].
 29 May 1969: Cote D'Ivoire: Banco, forêt de: USNM: 1 [1 - 1 - 1].
 12 June 1969: Cote D'Ivoire: Soubre, 10 mi WNW: USNM: 1 [1 - 1 - 1].
 1 July 1969: Cote D'Ivoire: Bouna: USNM: 1 [1 - 1 - 1].
 5 July 1969: Cote D'Ivoire: Bouna: USNM: 3 [3 - 3 - 3].
 14 July 1969: Cote D'Ivoire: Fetekro: USNM: 1 [1 - 1 - 1].
 16 July 1969: Cote D'Ivoire: Fetekro: USNM: 2 [2 - 2 - 2].
 10 March 1970: Morocco: Fom Zguid: USNM: 1 [1 - 1 - 1].
 16 March 1970: Morocco: Tata, 8 km N: USNM: 6 [6 - 6 - 6].
 5 May 1970: Morocco: Tiflet, 21 km W: USNM: 3 [3 - 3 - 3].
 24 May 1970: Morocco: Chechaouen: USNM: 1 [1 - 1 - 1].
 18 July 1970: Morocco: Ouarzazate, 19 km E: USNM: 12 [12 - 12 - 12].
 19 July 1970: Morocco: Ouarzazate, 19 km E: USNM: 12 [12 - 12 - 12].
 12 March 1971: Algeria: Tamanrasset, 110 km NW: USNM: 1 [1 - 1 - 1].
 12 June 1971: Cote D'Ivoire: Gueboua: AMNH: 2 [2 - 2 - 2].
 3 August 1971: Liberia: Tchien: AMNH: 1 [1 - 1 - 1].
 4 September 1971: Ghana: Bimbilla, 15 mi S: AMNH: 2 [2 - 2 - 2].
 6 September 1971: Ghana: Bimbilla, 15 mi S: AMNH: 1 [1 - 1 - 1].
 17 September 1971: Ghana: Accra, 9 mi NE: AMNH: 1 [1 - 1 - 1].
 5 December 1971: Cameroon: Mamfé, 12 km SE: AMNH: 1 [1 - 1 - 1].
 6 April 1972: Cameroon: Ngaoundere, 14 km S: AMNH: 1 [1 - 1 - 1].
 23 June 1974: Cameroon: Eseka: AMNH: 1 [1 - 1 - 1].
 24 June 1974: Cameroon: Eseka: CM: 1 [1 - 1 - 1].
 30 June 1974: Cameroon: Eseka, 5 km SW: AMNH: 1 [1 - 1 - 1].
 10 December 1974: Central African Republic: M'Baikie: CM: 4 [4 - 4 - 4].
 12 December 1974: Central African Republic: M'Baikie: CM: 2 [2 - 2 - 2].
 30 May 1975: Malawi: MacLear, cape: CM: 2 [2 - 2 - 2].
 15 June 1975: Zimbabwe: Concession, 10 km NW: CM: 1 [1] - Kariba, 6 km E: CM: 1 [1 - 2 - 2].
 18 June 1975: Zimbabwe: Kariba, 6 km E: CM: 1 [1 - 1 - 1].
 20 November 1975: South Africa: Nelspruit, 32 km NW: CM: 1 [1 - 1 - 1].
 21 November 1975: South Africa: Barberton, 14 km NW: CM: 3 [3 - 3 - 3].
 22 November 1975: South Africa: Barberton, 14 km NW: CM: 1 [1 - 1 - 1].
 3 December 1975: South Africa: Pennington: CM: 4 [4 - 4 - 4].
 4 December 1975: South Africa: Pennington: CM: 4 [4 - 4 - 4].
 10 December 1975: South Africa: Fort Beaufort, 14 km W: CM: 1 [1 - 1 - 1].
 12 December 1975: South Africa: Cradock, 25 km SE: CM: 1 [1 - 1 - 1].
 14 December 1975: South Africa: Cradock, 25 km SE: CM: 3 [3] - Cradock, 40 km NW: CM: 6 [6 - 9 - 9].
 9 January 1976: South Africa: Lamberts Bay, 6 km E: CM: 8 [8] - Lamberts Bay, 8 km E: CM: 1 [1 - 9 - 9].

28 June 1978: Cameroon: Yaoundé, 9 km S, 10 km W: CM: 1 [1 - 1 - 1].
7 July 1978: Cameroon: Yaoundé, 7 km S, 8 km W: CM: 1 [1 - 1 - 1].
17 July 1978: Cameroon: Ngaoundere, 13 km S: CM: 1 [1 - 1 - 1].
22 July 1978: Cameroon: Garoua, 24 km S, 13 km E: CM: 1 [1 - 1 - 1].
1 August 1978: Cameroon: Ambam, 13 km S, 5 km E: CM: 2 [2 - 2 - 2].
8 August 1978: Cameroon: Yaoundé, 23 km S, 1 km E: CM: 1 [1 - 1 - 1].
13 August 1978: Cameroon: Eseka, 3 km S, 3 km W: CM: 1 [1 - 1 - 1].
4 July 1979: Egypt: Aswan: CM: 1 [1 - 1 - 1].
6 August 1979: Egypt: Saqqara: CM: 9 [9 - 9 - 9].
8 August 1979: Egypt: Edfu: CM: 2 [2 - 2 - 2].

Total Specimens for Robbins, Lynn W.: 147

Robbins, Lynn W. and Robbins, C. Brian

10 June 1979: Congo (Democratic Republic of the): Yalosemba: CM: 1 [1 - 1 - 1].
17 June 1979: Congo (Democratic Republic of the): Yalosemba: CM: 1 [1 - 1 - 1].
23 June 1979: Congo (Democratic Republic of the): Yalosemba: CM: 1 [1 - 1 - 1].
28 June 1979: Congo (Democratic Republic of the): Yalosemba: CM: 1 [1 - 1 - 1].
7 July 1979: Congo (Democratic Republic of the): Tandala: CM: 2 [2 - 2 - 2].
9 July 1979: Congo (Democratic Republic of the): Tandala: CM: 3 [3 - 3 - 3].
10 July 1979: Congo (Democratic Republic of the): Tandala: CM: 3 [3 - 3 - 3].
11 July 1979: Congo (Democratic Republic of the): Tandala: CM: 1 [1 - 1 - 1].
12 July 1979: Congo (Democratic Republic of the): Tandala: CM: 1 [1 - 1 - 1].
13 July 1979: Congo (Democratic Republic of the): Tandala: CM: 3 [3 - 3 - 3].
16 July 1979: Congo (Democratic Republic of the): Tandala: CM: 4 [4 - 4 - 4].
20 July 1979: Congo (Democratic Republic of the): Tandala: CM: 4 [4 - 4 - 4].

Total Specimens for Robbins, Lynn W. and Robbins, C. Brian: 25

Robbins, Lynn W. and Robbins, R. Laurie

28 June 1978: Cameroon: Yaoundé, 9 km S, 10 km W: CM: 11 [11 - 11 - 11].
4 July 1978: Cameroon: Obala, 30 km N, 40 km E: CM: 1 [1 - 1 - 1].
7 July 1978: Cameroon: Yaoundé, 7 km S, 8 km W: CM: 4 [4 - 4 - 4].
1 August 1978: Cameroon: Ambam, 13 km S, 5 km E: CM: 5 [5 - 5 - 5].
6 August 1978: Cameroon: Yaoundé, 25 km S 3 km E: CM: 1 [1 - 1 - 1].
7 August 1978: Cameroon: Yaoundé, 7 km S, 8 km W: CM: 1 [1 - 1 - 1].
8 August 1978: Cameroon: Yaoundé, 23 km S, 1 km E: CM: 4 [4 - 4 - 4].
13 August 1978: Cameroon: Eseka, 3 km S, 3 km W: CM: 2 [2 - 2 - 2].

Total Specimens for Robbins, Lynn W. and Robbins, R. Laurie: 29

Robbins, Lynn W. and Thys Van den Audenaerde, Dirk

25 March 1973: Cameroon: Meyo Nkoulou: RMCA: 1 [1 - 1 - 1].
27 March 1973: Cameroon: Meyo Nkoulou: RMCA: 1 [1 - 1 - 1].
7 April 1973: Cameroon: Aboubou: RMCA: 1 [1 - 1 - 1].
16 April 1973: Cameroon: Mbakaou: RMCA: 1 [1 - 1 - 1].
17 April 1973: Cameroon: Mbakaou: RMCA: 1 [1 - 1 - 1].

Total Specimens for Robbins, Lynn W. and Thys Van den Audenaerde, Dirk: 5

Robbins, Lynn W. and Williams, S.L.

28 June 1978: Cameroon: Yaoundé, 9 km S, 10 km W: CM: 2 [2 - 2 - 2].

Total Specimens for Robbins, Lynn W. and Williams, S.L.: 2

Roberts, A.

Collection Date Unknown: Namibia: Omaruru: TM: 1 [1 - 1].
 South Africa: Bothaville: TM: 1 [1] - Farm Vygeboschlaagte 236JQ: TM: 1 [1] - Hazelmere Dam: TM: 1 [1] -
 Ingwavuma: TM: 1 [1] - Loster: TM: 1 [1] - Manaba: TM: 1 [1] - Msikaba river mouth: TM: 1 [1] - Mtambanana: TM: 1 [1]
 - Pretoria: TM: 1 [1] - Pretoria, 38 Andries Street: TM: 1 [1] - Sunnyside: TM: 1 [1] - Umfolozi Game Reserve: TM: 1 [1]
 - Umhlumi: TM: 1 [1] - Umzigaba River mouth: TM: 1 [1 - 14 - 15].

Total Specimens for Roberts, A.: 15

Roberts, A. and Coombs, C.

Collection Date Unknown: South Africa: Hennops River: TM: 1 [1 - 1 - 1].

Total Specimens for Roberts, A. and Coombs, C.: 1

Roberts, Austin

Collection Date Unknown: "Africa": Kester, Kosterfontein: TM: 1 [1] - Woodbush: TM: 1 [1 - 2].

- Namibia: Ombu: TM: 2 [2 - 2].
 South Africa: Benghensdorp: TM: 1 [1] - Burgersdorp: TM: 1 [1] - Farm Makapansgat 39: TM: 6 [6] - Namaba: TM: 1 [1]
 - Pretoria: TM: 1 [1] - Stillbaai: TM: 1 [1] - Tanaba: TM: 1 [1] - Venterskroon: TM: 2 [2] - Wonderboom: TM: 2 [2 - 16].
 Swaziland: Horo, in old mine drive: TM: 2 [2 - 2].
 Unknown Country: Nieri river: BMNH: 1 [1 - 1 - 23].
- 24 February 1909:** South Africa: Venterskroon: TM: 2 [2 - 2 - 2].
20 December 1911: South Africa: Inkomati river: TM: 1 [1 - 1 - 1].
20 May 1915: South Africa: Steynsdorp: TM: 1 [1 - 1 - 1].
29 May 1916: Swaziland: Wyldesdale: TM: 3 [3] - Wyldesdale, in old mine drive: TM: 2 [2 - 5 - 5].
7 June 1916: South Africa: Cinnabar mine: TM: 5 [5 - 5 - 5].
9 June 1916: South Africa: Buffalo mine: TM: 1 [1 - 1 - 1].
25 March 1917: South Africa: Venterskroon: TM: 2 [2 - 2 - 2].
30 March 1917: South Africa: Venterskroon: TM: 4 [4 - 4 - 4].
9 June 1917: South Africa: Farm Baviaanspoort 330: TM: 5 [5 - 5 - 5].
14 June 1917: South Africa: Pretoria: TM: 1 [1 - 1 - 1].
29 June 1917: South Africa: Wonderboom cave: TM: 2 [2 - 2 - 2].
31 March 1919: South Africa: Garsfontein: TM: 1 [1 - 1 - 1].
6 September 1919: South Africa: Pretoria: TM: 2 [2 - 2 - 2].
31 December 1919: South Africa: Garsfontein: TM: 1 [1 - 1 - 1].
14 March 1920: South Africa: Louw's creek: TM: 1 [1 - 1 - 1].
28 March 1920: South Africa: Louw's [=Lowes] Creek: TM: 1 [1] - Louw's [=Lowes] Creek, Imperial mine: TM: 5 [5 - 6 - 6].
30 March 1920: South Africa: Malelane Estate: TM: 1 [1 - 1 - 1].
9 August 1921: South Africa: Farm Baviaanspoort 330: TM: 1 [1 - 1 - 1].
20 October 1921: South Africa: New Mucelneuck: TM: 1 [1 - 1 - 1].
3 January 1922: South Africa: Groenkloof: TM: 4 [4 - 4 - 4].
20 January 1922: South Africa: Kastrol Nek: TM: 3 [3 - 3 - 3].
20 June 1922: South Africa: Umfolozi Game Reserve: TM: 2 [2 - 2 - 2].
11 December 1924: South Africa: Farm Makapansgat 39, Makapan cave: TM: 1 [1 - 1 - 1].
23 July 1925: South Africa: Vryburg: TM: 1 [1 - 1 - 1].
30 September 1926: South Africa: Brooklyn: TM: 2 [2 - 2 - 2].
23 July 1928: South Africa: Vryburg: TM: 5 [5 - 5 - 5].
3 November 1928: South Africa: Mkuzi River: TM: 4 [4 - 4 - 4].
22 July 1931: South Africa: Grahamstown: TM: 1 [1] - Kleinpoort: TM: 4 [4 - 5 - 5].
24 July 1931: South Africa: Kleinpoort: TM: 5 [5 - 5 - 5].
27 July 1931: South Africa: Kleinpoort: TM: 2 [2 - 2 - 2].
8 October 1931: South Africa: Pretoria: TM: 1 [1 - 1 - 1].
4 September 1933: South Africa: Ingwavuma, village: TM: 1 [1 - 1 - 1].
7 September 1933: South Africa: Ingwavumia: TM: 6 [6 - 6 - 6].
8 September 1933: South Africa: Ingwavumia: TM: 1 [1 - 1 - 1].
7 October 1940: South Africa: : NHMZ: 1 [1] - Mitchells Pass: TM: 1 [1 - 2 - 2].
5 November 1940: South Africa: Grootvadersbosch: TM: 1 [1 - 1 - 1].
6 November 1940: South Africa: Grootvadersbosch: TM: 4 [4 - 4 - 4].
14 September 1941: Namibia: Ombu: TM: 3 [3 - 3 - 3].
17 September 1941: Namibia: Ombu: TM: 4 [4 - 4 - 4].
18 September 1941: Namibia: : TM: 1 [1] - Ombu: TM: 6 [6 - 7 - 7].
19 September 1941: Namibia: : TM: 1 [1] - Ombu: TM: 7 [7 - 8 - 8].
20 September 1941: Namibia: Ombu: TM: 3 [3 - 3 - 3].
22 September 1941: Namibia: Ombu: SMF: 1, TM: 10 [11 - 11 - 11].
13 February 1983: South Africa: Louw's [=Lowes] Creek, Imperial mine: TM: 1 [1 - 1 - 1].

Total Specimens for Roberts, Austin: 153

Roberts, Austin and Adendorff

- Collection Date Unknown:** South Africa: Ceres, near: TM: 1 [1] - Lormarins: TM: 1 [1] - Saldanha Bay: TM: 3 [3 - 5 - 5].
29 September 1917: South Africa: Klaver: TM: 1 [1 - 1 - 1].
30 September 1917: South Africa: Klaver: TM: 1 [1 - 1 - 1].
1 October 1917: South Africa: Klaver: TM: 1 [1 - 1 - 1].
10 October 1917: South Africa: Klaver: TM: 1 [1 - 1 - 1].

Total Specimens for Roberts, Austin and Adendorff: 9

Roberts, Austin and Bedford, G.A.H.

- 18 October 1931:** South Africa: Pretoria: TM: 3 [3 - 3 - 3].

Total Specimens for Roberts, Austin and Bedford, G.A.H.: 3

Roberts, Austin; and Wilson, B.

- 7 September 1933:** South Africa: Ingwavumia: TM: 2 [2 - 2 - 2].

Total Specimens for Roberts, Austin; and Wilson, B.: 2

Roberts, Austin; and Wilson, R.

7 September 1933: South Africa: Ingwavumia: TM: 1 [1 - 1 - 1].**Total Specimens for Roberts, Austin; and Wilson, R.: 1**

Roberts, Dr.

Collection Date Unknown: South Africa: Pretoria: TM: 1 [1 - 1 - 1].**Total Specimens for Roberts, Dr.: 1**

Roberts, R.A.

20 February 1946: South Africa: New Muckleneuk: TM: 1 [1 - 1 - 1].**Total Specimens for Roberts, R.A.: 1**

Roberts, V.

20 May 1931: South Africa: New Mucelneuck: TM: 1 [1 - 1 - 1].**Total Specimens for Roberts, V.: 1**

Roberts, V.H.A.

1 December 1934: South Africa: Townlands: CM: 1 [1 - 1 - 1].**8 April 1935:** South Africa: Brooklyn: CM: 1 [1 - 1 - 1].**Total Specimens for Roberts, V.H.A.: 2**

Robertson, I.A.D.

13 July 1955: Tanzania: Kafukola: HZM: 1 [1 - 1 - 1].**5 August 1955:** Tanzania: Kafukola: HZM: 1 [1 - 1 - 1].**15 August 1955:** Tanzania: Kafukola: HZM: 1 [1 - 1 - 1].**16 August 1955:** Tanzania: Kafukola: BMNH: 1 [1 - 1 - 1].**3 September 1955:** Tanzania: Kafukola: HZM: 1 [1 - 1 - 1].**22 October 1955:** Tanzania: Kafukola: HZM: 1 [1 - 1 - 1].**10 February 1956:** Tanzania: Kafukola: HZM: 1 [1 - 1 - 1].**10 April 1956:** Tanzania: Kalembo: HZM: 1 [1 - 1 - 1].**16 April 1956:** Tanzania: Kafukola: HZM: 1 [1 - 1 - 1].**6 June 1956:** Tanzania: Kafukola: HZM: 1 [1 - 1 - 1].**6 July 1956:** Tanzania: Kafukola: HZM: 1 [1 - 1 - 1].**Total Specimens for Robertson, I.A.D.: 11**

Robillard

Collection Date Unknown: Mauritius: no specific locality: ZMB: 1 [1 - 1 - 1].**Total Specimens for Robillard: 1**

Robinson, A.

25 June 1947: South Africa: Sterkfontein caves: TM: 1 [1 - 1 - 1].**Total Specimens for Robinson, A.: 1**

Robinson, G.G.

1 July 1944: Zambia: Lunyuwi river: HZM: 1 [1 - 1 - 1].**Total Specimens for Robinson, G.G.: 1**

Robson, M.U. and Start, A.N.

15 August 1964: Kenya: Laikipia ranch: BMNH: 1 [1 - 1 - 1].**Total Specimens for Robson, M.U. and Start, A.N.: 1**

Roche, Jean

8 November 1959: Guinea: Macenta, 25 km NW: MNHN: 1 [1 - 1 - 1].

Total Specimens for Roche, Jean: 1

Rockefeller, J. Sterling

Collection Date Unknown: Congo (Democratic Republic of the): Lubenge Marunga mountains: AMNH: 1 [1 - 1 - 1].

10 March 1929: Congo (Democratic Republic of the): Lubenge Marunga mountains: AMNH: 1 [1 - 1 - 1].

Total Specimens for Rockefeller, J. Sterling: 2

Rode, P.

1 February 1936: Mali: Bamako: MNHN: 5 [5 - 5 - 5].

Total Specimens for Rode, P.: 5

Roer, H.

Collection Date Unknown: Namibia: Namibia Desert Research Station [= DERU]: BMNH: 1 [1 - 1 - 1].

Total Specimens for Roer, H.: 1

Roer, Hubert

14 March 1959: Tunisia: Cartago: ZFMK: 3 [3 - 3 - 3].

15 March 1959: Tunisia: Cartago: ZFMK: 5 [5 - 5 - 5].

Total Specimens for Roer, Hubert: 8

Roger, Dr.

Collection Date Unknown: Ethiopia: Abyssinia: MNHN: 1 [1 - 1 - 1].

Total Specimens for Roger, Dr.: 1

Rohde

Collection Date Unknown: Cameroon: Edéa: ZMB: 5 [5] - Ossa, Lake: ZMB: 1 [1 - 6 - 6].

Total Specimens for Rohde: 6

Roiseuse, R.

29 May 1955: Congo (Democratic Republic of the): Djeka: RMCA: 1 [1 - 1 - 1].

Total Specimens for Roiseuse, R.: 1

Rolle, Hermann

Collection Date Unknown: Cameroon: Sangmelima: ZMB: 1 [1 - 1].

Uganda: Entebbe: ZMB: 1 [1 - 1 - 2].

1 January 1912: Kenya: Taita: SMNS: 1 [1 - 1 - 1].

Total Specimens for Rolle, Hermann: 3

Ronald E. Cole

Collection Date Unknown: Namibia: Namibia Desert Research Station [= DERU]: USNM: 1 [1 - 1 - 1].

22 November 1963: Namibia: Namibia Desert Research Station [= DERU]: USNM: 1 [1 - 1 - 1].

Total Specimens for Ronald E. Cole: 2

Roodenburg

16 August 1971: Ghana: Elima and Cape Coast, between: RMNH: 1 [1 - 1 - 1].

2 January 1974: Ghana: Kpaudu: RMNH: 1 [1 - 1 - 1].

Total Specimens for Roodenburg: 2

Roosevelt, T.

10 December 1872: Egypt: Cairo: USNM: 1 [1 - 1 - 1].

Total Specimens for Roosevelt, T.: 1

Rosenberg

Collection Date Unknown: Cameroon: Biteye: ZMB: 1 [1 - 1 - 1].**Total Specimens for Rosenberg: 1**

Rosenberg, G.

Collection Date Unknown: British East Africa: Baruma: ZFMK: 1 [1 - 1 - 1].**Total Specimens for Rosenberg, G.: 1**

Rosenberg, W.F.H.

Collection Date Unknown: Cameroon: Biteye: ZFMK: 1 [1 - 1 - 1].**Total Specimens for Rosenberg, W.F.H.: 1**

Rosevear, D.R. (dr.)

Collection Date Unknown: "Africa": : BMNH: 8 [8 - 8].South Africa: Esperanza [=Beneva] Tunnel: DNSM: 1 [1] - Sanbonani, confluence of Sabi & White Sands rivers:
DNSM: 1 [1] - Waterberg Game Farm, at small man-made ponds within camp: TM: 1 [1 - 3 - 11].**6 April 1935:** Cameroon: Victoria: BMNH: 1 [1 - 1 - 1].**9 February 1948:** Benin: no specific locality: BMNH: 1 [1 - 1 - 1].**Total Specimens for Rosevear, D.R. (dr.): 13**

Rothschild, Nathaniel Charles

Collection Date Unknown: Egypt: Luxor: BMNH: 3 [3 - 3 - 3].**15 March 1904:** Sudan: Merowe: BMNH: 2 [2 - 2 - 2].**Total Specimens for Rothschild, Nathaniel Charles: 5**

Rothschild, Nathaniel Charles and Wollaster, A.F.R.

10 March 1901: Sudan: Shendi: BMNH: 2 [2 - 2 - 2].**Total Specimens for Rothschild, Nathaniel Charles and Wollaster, A.F.R.: 2**

Rotterdamse Diergaarde

Collection Date Unknown: Congo (Democratic Republic of the): Haute Congo: RMNH: 1 [1 - 1 - 1].**Total Specimens for Rotterdamse Diergaarde: 1**

Rougeot, P.

Collection Date Unknown: Gabon: Lastourville: MHNG: 1 [1] - Mouila: MNHN: 1 [1 - 2 - 2].**Total Specimens for Rougeot, P.: 2**

Roux, Francis

1 September 1958: Senegal: Richard Toll: MNHN: 1 [1 - 1 - 1].**24 April 1964:** Senegal: Richard Toll: MNHN: 1 [1 - 1 - 1].**Total Specimens for Roux, Francis: 2**

Royal Museum of Central Africa

Collection Date Unknown: Congo (Democratic Republic of the): Albertville [=Kalemie]: BMNH: 1 [1] - Kakanda cave: BMNH:
1 [1 - 2 - 2].**Total Specimens for Royal Museum of Central Africa: 2**

RSVS

Collection Date Unknown: South Africa: Doornkraal Camp Site: DNSM: 1 [1 - 1 - 1].**21 August 1974:** Zimbabwe: Shinda Estates: NHMZ: 1 [1 - 1 - 1].

Total Specimens for RSVS: 2

Rudd

16 September 1909: Kenya: southern slopes Mt ...: BMNH: 1 [1 - 1 - 1].**Total Specimens for Rudd: 1**

Rudd, C.D.

Collection Date Unknown: Mozambique: Inhambane: BMNH: 1 [1] - Masembeti: BMNH: 1 [1 - 2 - 2].**Total Specimens for Rudd, C.D.: 2**

Rupp, Hans

29 July 1973: Ethiopia: Arba Minch: SMF: 1 [1 - 1 - 1].
4 August 1973: Ethiopia: Gidole: SMF: 1 [1 - 1 - 1].
2 September 1973: Ethiopia: Awasa, lake: SMF: 8 [8 - 8 - 8].
11 September 1973: Ethiopia: Lava-Dom: SMF: 1 [1 - 1 - 1].
27 February 1974: Ethiopia: Ortsteil Shigella bei Arba Minch: SMF: 1 [1 - 1 - 1].
3 March 1974: Ethiopia: Harre river: SMF: 2 [2 - 2 - 2].
14 March 1974: Ethiopia: Dorsey: SMF: 1 [1 - 1 - 1].
16 March 1974: Ethiopia: Chamo, S bank of lake: SMF: 1 [1 - 1 - 1].
1 April 1974: Ethiopia: Metahara, 1 km W: SMF: 19 [19 - 19 - 19].
19 July 1974: Ethiopia: Forty Springs: SMF: 5 [5 - 5 - 5].
5 September 1974: Ethiopia: Didessa settlement: SMF: 1 [1] - Ghimbi: SMF: 2 [2 - 3 - 3].
1 January 1976: Ethiopia: Bulcha Forest: SMNS: 1 [1] - Ethiopia: SMNS: 4 [4 - 5 - 5].
11 October 1976: Ethiopia: Koka: SMNS: 1 [1 - 1 - 1].
19 October 1976: Ethiopia: Gowane: SMNS: 2 [2 - 2 - 2].
22 October 1976: Ethiopia: Gowane: SMNS: 4 [4 - 4 - 4].

Total Specimens for Rupp, Hans: 55

Rüppell, Edward (dr.)

Collection Date Unknown: Egypt: Egypt: RMNH: 1, SMF: 11 [12] - Giza [=Gizeh]: SMF: 1 [1 - 13].
 Ethiopia: Abyssinia: RMNH: 1 [1] - Shoa province: SMF: 3 [3 - 4].
 Sudan: Kordofan: RMNH: 1, SMF: 1 [2] - Nubia: SMF: 1 [1] - Shendi: SMF: 2 [2 - 5].
 Unknown Country: Red Sea: RMNH: 2 [2 - 2 - 24].
1 July 1834: Ethiopia: Simien mountains: SMF: 1 [1 - 1 - 1].
1 January 1840: Sudan: Sennar [=Sennaar]: SMF: 1 [1 - 1 - 1].

Total Specimens for Rüppell, Edward (dr.): 26

Rüppell, Edward (dr.) (gift)

Collection Date Unknown: Ethiopia: Shoa: SMF: 2 [2 - 2 - 2].**Total Specimens for Rüppell, Edward (dr.) (gift): 2**

Rushworth, I.

Collection Date Unknown: South Africa: Doornkraal Camp Site: DNSM: 1 [1] - Esperanza [=Beneva] Tunnel: DNSM: 1 [1 - 2 - 2].
20 February 1993: South Africa: Mantuma Camp: DNSM: 1 [1 - 1 - 1].
11 May 1993: South Africa: Mantuma Camp: DNSM: 1 [1 - 1 - 1].

Total Specimens for Rushworth, I.: 4

Rutledge, W.

20 January 1927: Sudan: Kadugli: BMNH: 1 [1 - 1 - 1].**Total Specimens for Rutledge, W.: 1**

Salewski, V. and Ueberschaer, K.

Collection Date Unknown: Cote D'Ivoire: Lola camp [gallery forest]: SMF: 1 [1 - 1].
 South Africa: Doornkraal Camp Site: DNSM: 1 [1 - 1 - 2].

Total Specimens for Salewski, V. and Ueberschaer, K.: 2

Salmin

Collection Date Unknown: Nigeria: Lagos: ZMB: 3 [3 - 3].
Tanzania: Zanzibar: ZMB: 1 [1 - 1 - 4].

Total Specimens for Salmin: 4

Sammicheli

1 January 1957: Somalia: Genale: MZUF: 3 [3 - 3 - 3].
1 September 1958: Somalia: Afgoi: MZUF: 1 [1 - 1 - 1].

Total Specimens for Sammicheli: 4

Sanderson, Ivan T.

Collection Date Unknown: Cameroon: Bashau: BMNH: 5 [5] - Besogabang: BMNH: 3 [3] - Mamfe: BMNH: 1 [1 - 9].
Nigeria: Ikotmbo: BMNH: 2 [2 - 2 - 11].
2 February 1932: Cameroon: Besogabang: BMNH: 1 [1 - 1 - 1].
18 September 1932: Nigeria: Ikotmbo: BMNH: 1 [1 - 1 - 1].
10 December 1932: Cameroon: Mamfe: BMNH: 1 [1 - 1 - 1].
21 January 1933: Cameroon: Eshobi: BMNH: 2 [2 - 2 - 2].

Total Specimens for Sanderson, Ivan T.: 16

Sandhurst Ethiopia Expedition 1966

Collection Date Unknown: Ethiopia: Chamo, NE of lake: BMNH: 2 [2 - 2 - 2].

Total Specimens for Sandhurst Ethiopia Expedition 1966: 2

SANTI

Collection Date Unknown: South Africa: Mafikeng, 5 km outside: TM: 1 [1] - Waterberg Game Farm, at small man-made ponds within camp: TM: 1 [1 - 2 - 2].

Total Specimens for SANTI: 2

Santos, Jaime

6 November 1957: Angola: Nova Lisboa: CZL: 1 [1 - 1 - 1].

Total Specimens for Santos, Jaime: 1

Sapwell, J.

Collection Date Unknown: Ghana: Dormaa Ahenkro: BMNH: 3 [3 - 3 - 3].

Total Specimens for Sapwell, J.: 3

SAS

Collection Date Unknown: South Africa: Esperanza [=Beneva] Tunnel: DNSM: 1 [1 - 1 - 1].
27 August 1974: South Africa: Karkloof Forests: TM: 1 [1 - 1 - 1].

Total Specimens for SAS: 2

Sassi, M. (dr.)

11 February 1905: Sudan: Khor Attar: NMW: 1 [1 - 1 - 1].
27 March 1905: Sudan: Mongalla: NMW: 3 [3 - 3 - 3].

Total Specimens for Sassi, M. (dr.): 4

Scharpe

Collection Date Unknown: Liberia: Fanti: ZMB: 1 [1 - 1 - 1].

Total Specimens for Scharpe: 1

Scheffler

Collection Date Unknown: Kenya: Kibwesi: ZMB: 8 [8 - 8].
Tanzania: Amani: ZMB: 1 [1 - 1 - 9].

Total Specimens for Scheffler: 9

Scheffe, W.

6 September 1967: Zambia: Naleza: BMNH: 1 [1 - 1 - 1].**Total Specimens for Scheppe, W.: 1**

Scherer

Collection Date Unknown: Senegal: No specific locality: ZMB: 12 [12 - 12 - 12].**Total Specimens for Scherer: 12**

Schettler

Collection Date Unknown: Kenya: Kibwesi: ZMB: 1 [1 - 1 - 1].**Total Specimens for Schettler: 1**

Schilling

Collection Date Unknown: Gabon: no specific locality: ZMB: 1 [1 - 1 - 1].**Total Specimens for Schilling: 1**

Schillings

Collection Date Unknown: Tanzania: Masimani: ZMB: 1 [1] - Mikindani: ZMB: 1 [1] - Pangani river: ZMB: 1 [1 - 3].
Uganda: Yumbe: ZMB: 1 [1 - 1 - 4].**Total Specimens for Schillings: 4**

Schinz, H.

Collection Date Unknown: Namibia: Omburo [=Omburu]: ZMB: 1 [1 - 1 - 1].**Total Specimens for Schinz, H.: 1**

Schipper

Collection Date Unknown: Unknown country: Dume: ZMB: 1 [1 - 1 - 1].**Total Specimens for Schipper: 1**

Schlechter, Max

Collection Date Unknown: South Africa: Harold Johnson Nature Reserve: DNSM: 1 [1 - 1 - 1].
4 April 1898: South Africa: Steinkopf: SAMC: 1 [1 - 1 - 1].**Total Specimens for Schlechter, Max: 2**

Schlegel

Collection Date Unknown: Guinea: no specific locality: ZMB: 1 [1 - 1 - 1].**Total Specimens for Schlegel: 1**

Schlieffen, Graf

Collection Date Unknown: Egypt: Cairo: ZMB: 4 [4 - 4].
Egypt ?: no specific locality: ZMB: 1 [1 - 1 - 5].**Total Specimens for Schlieffen, Graf: 5**

Schlitter, Duane A. (dr.)

Collection Date Unknown: Ghana: Legon [Botanical Garden]: CM: 7 [7 - 7].
Kenya: Kakamega, 5 km S, 16 km E: CM: 1 [1] - Kathekani: CM: 2 [2] - Moane: CM: 5 [5] - Ngangao forest: CM: 1 [1] -
Shimba Hills: CM: 1 [1] - Sigor: CM: 2 [2] - Talek Gate: CM: 10 [10] - Taveta Sisal Estate: CM: 2 [2] - Taveta, 3 km E:
CM: 1 [1] - Tiwi, NW of: CM: 2 [2] - Wei Wei river: CM: 8 [8 - 35].
Namibia: Gobabeb: USNM: 1 [1 - 1].
Somalia: Bullo Burti: CM: 25 [25] - Jamaame: CM: 18 [18] - Libsoma farm: CM: 34 [34] - Snai Sugar Plantation: CM: 71

- [71 - 148].
 South Africa: Doornkraal Camp Site: DNSM: 2 [2] - Pafuri: CM: 2 [2] - Simuwana: CM: 1 [1 - 5 - 196].
- 6 December 1969: Namibia: Gobabeb: USNM: 4 [4 - 4 - 4].
 8 December 1969: Namibia: Gobabeb: USNM: 2 [2 - 2 - 2].
 14 June 1971: Liberia: Paynesville: USNM: 1 [1 - 1 - 1].
 15 July 1971: Liberia: Tars Town: USNM: 1 [1 - 1 - 1].
 17 September 1971: Ghana: Accra, 9 mi NE: CM: 4 [4 - 4 - 4].
 26 March 1977: South Africa: Huwi Private Nature Reserve: CM: 1 [1 - 1 - 1].
 27 April 1977: Namibia: Farm Kanaän: CM: 1 [1 - 1 - 1].
 28 April 1977: Namibia: Farm Kanaän: CM: 2 [2 - 2 - 2].
 29 April 1977: Namibia: Farm Kanaän: CM: 5 [5 - 5 - 5].
 30 April 1977: Namibia: Farm Kanaän: CM: 2 [2 - 2 - 2].
 3 May 1977: Namibia: Farm Kanaän: TM: 2 [2 - 2 - 2].
 8 August 1978: Cameroon: Yaoundé, 16 km S, 2 km E: CM: 1 [1 - 1 - 1].
 11 August 1978: Cameroon: Eseka, 3 km S, 3 km W: CM: 1 [1 - 1 - 1].
 8 September 1978: Ghana: Legon [Botanical Garden]: CM: 1 [1 - 1 - 1].
 13 September 1978: Ghana: Nkawkaw, 3.25 km N, 1.33 km W: CM: 4 [4 - 4 - 4].
 11 September 1979: South Africa: Levuvhu Hippopool: CM: 2 [2 - 2 - 2].
 12 September 1979: South Africa: Levuvhu Hippopool: CM: 1 [1 - 1 - 1].
 14 September 1979: South Africa: Mockford's Garden: CM: 1 [1 - 1 - 1].
 18 September 1979: South Africa: Longtoon dam: CM: 2 [2 - 2 - 2].
 21 September 1979: South Africa: Punda Milia Camp: CM: 3 [3 - 3 - 3].
 22 September 1979: South Africa: Punda Milia Camp: CM: 2 [2 - 2 - 2].
 23 September 1979: South Africa: Shashanga windmill: CM: 15 [15 - 15 - 15].
 10 March 1980: Somalia: Jamaame, 4 km S, 4 km W: CM: 1 [1 - 1 - 1].
 11 March 1980: Somalia: Jamaame, 4 km S, 4 km W: CM: 1 [1 - 1 - 1].
 12 March 1980: Somalia: Jamaame, 4 km S, 4 km W: CM: 3 [3 - 3 - 3].
 13 March 1980: Somalia: Jamaame, 4 km S, 4 km W: CM: 2 [2 - 2 - 2].
 8 October 1980: Somalia: Bulu Burti: CM: 1 [1 - 1 - 1].
 19 October 1980: Somalia: Snai Sugar Plantation: CM: 1 [1 - 1 - 1].
 21 October 1980: Somalia: Snai Sugar Plantation: CM: 2 [2 - 2 - 2].
 22 October 1980: Somalia: Snai Sugar Plantation: CM: 9 [9 - 9 - 9].
 23 October 1980: Somalia: Snai Sugar Plantation: CM: 2 [2 - 2 - 2].
 24 October 1980: Somalia: Snai Sugar Plantation: CM: 4 [4 - 4 - 4].
 25 October 1980: Somalia: Snai Sugar Plantation: CM: 2 [2 - 2 - 2].
 11 March 1982: Somalia: Jamaame, 4 km S, 4 km W: CM: 4 [4 - 4 - 4].
 12 March 1982: Somalia: Jamaame, 4 km S, 4 km W: CM: 1 [1 - 1 - 1].
 13 March 1982: Somalia: Jamaame, 4 km S, 4 km W: CM: 1 [1 - 1 - 1].
 14 March 1982: Somalia: Jamaame, 5 km S, 7.5 km W: CM: 2 [2 - 2 - 2].
 17 March 1982: Somalia: Wadajir, 8 km N, 4.5 km E: CM: 2 [2 - 2 - 2].
 18 October 1982: Gabon: Cap Esterias: CM: 1 [1 - 1 - 1].
 3 August 1984: South Africa: Mockford's Garden: CM: 1 [1 - 1 - 1].
 11 August 1984: Namibia: Welverdien Farm 328: CM: 1 [1 - 1 - 1].
 22 August 1984: Namibia: Ombonde Farm 616: CM: 2 [2 - 2 - 2].
 23 August 1984: Namibia: Ombonde Farm 616: CM: 2 [2 - 2 - 2].
 24 August 1984: Namibia: Ombonde Farm 616: CM: 2 [2 - 2 - 2].
 1 November 1984: Namibia: Klein Aus Farm 8: CM: 1 [1 - 1 - 1].
 30 September 1985: Kenya: Hells Gate Canyon: CM: 1 [1 - 1 - 1].
 5 August 1987: Kenya: Ikuywa river bridge: CM: 2 [2 - 2 - 2].
 10 August 1987: Kenya: Talek Gate: CM: 1 [1 - 1 - 1].
 13 August 1987: Kenya: Talek Gate: CM: 1 [1 - 1 - 1].
 18 August 1987: Kenya: Makandara picnic site: CM: 2 [2 - 2 - 2].
 31 August 1987: Kenya: Buffalo Springs natural reserve: CM: 4 [4 - 4 - 4].
 2 September 1987: Kenya: Buffalo Springs natural reserve: CM: 4 [4 - 4 - 4].
 11 September 1987: Kenya: Sigor: CM: 1 [1 - 1 - 1].
 13 September 1987: Kenya: Sigor: CM: 2 [2 - 2 - 2].
 20 September 1987: Kenya: Taveta, 3 km E: CM: 3 [3 - 3 - 3].
 22 September 1987: Kenya: Ngangao forest: CM: 4 [4 - 4 - 4].
 18 November 1988: South Africa: Natures Valley Village: CM: 3 [3 - 3 - 3].
 22 November 1988: South Africa: Jonkershoek research station: CM: 1 [1 - 1 - 1].
 23 November 1988: South Africa: Jonkershoek research station: CM: 1 [1 - 1 - 1].
 24 November 1988: South Africa: Jonkershoek research station: CM: 2 [2 - 2 - 2].
 1 December 1988: South Africa: Cederberg, Algeria State Forest: CM: 1 [1 - 1 - 1].
 2 December 1988: South Africa: Cederberg, Algeria State Forest: CM: 2 [2 - 2 - 2].
 3 December 1988: South Africa: Cederberg, Algeria State Forest: CM: 2 [2 - 2 - 2].
 1 November 1989: South Africa: Farm Olivewood 284: CM: 4 [4 - 4 - 4].
 2 November 1989: South Africa: Farm Olivewood 284: CM: 5 [5 - 5 - 5].
 19 November 1989: South Africa: Farm Greefswald 37MS, Shashi-Limpopo confluence: CM: 7 [7 - 7 - 7].
 20 November 1989: South Africa: Farm Greefswald 37MS, Shashi-Limpopo confluence: CM: 6 [6 - 6 - 6].
 22 November 1989: South Africa: Farm Greefswald 37MS, Shashi-Limpopo confluence: CM: 9 [9 - 9 - 9].
 10 June 1991: Cameroon: Bake river bridge: CM: 2 [2 - 2 - 2].
 12 June 1993: Congo: Epena: CM: 8 [8 - 8 - 8].
 13 June 1993: Congo: Epena: CM: 11 [11] - Voka: CM: 1 [1 - 12 - 12].

Total Specimens for Schlitter, Duane A. (dr.): 392

Schlitter, Duane A. (dr.) and Williams, S.L.

- 4 August 1978: Cameroon: Yaoundé, 7 km S, 8 km W: CM: 2 [2 - 2 - 2].
 6 August 1978: Cameroon: Yaoundé, 16 km S, 2 km E: CM: 1 [1 - 1 - 1].
 7 August 1978: Cameroon: Yaoundé, 7 km S, 8 km W: CM: 1 [1 - 1 - 1].
 8 August 1978: Cameroon: Yaoundé, 16 km S, 2 km E: CM: 2 [2 - 2 - 2].

Total Specimens for Schlitter, Duane A. (dr.) and Williams, S.L.: 6

Schlitter, Duane A. (dr.) et al.

- Collection Date Unknown: Kenya: Ikuywa river bridge: CM: 1 [1] - Shimba Hills: CM: 1 [1 - 2 - 2].
 30 September 1985: Kenya: Hells Gate Canyon: CM: 1 [1 - 1 - 1].
 3 October 1985: Kenya: Hells Gate Canyon: CM: 2 [2 - 2 - 2].
 7 October 1985: Kenya: Nakuru, 12 km S, 4 km E: CM: 2 [2 - 2 - 2].
 14 October 1985: Kenya: Makandara picnic site: CM: 1 [1 - 1 - 1].
 15 October 1985: Kenya: Makandara picnic site: CM: 4 [4 - 4 - 4].
 16 October 1985: Kenya: Shimba Hills: CM: 1 [1 - 1 - 1].
 17 October 1985: Kenya: Tiwi, 1 km N: CM: 1 [1 - 1 - 1].
 19 October 1985: Kenya: Tiwi, 1 km N: CM: 2 [2 - 2 - 2].
 23 October 1985: Kenya: Bushwacker's Safari Camp: CM: 2 [2 - 2 - 2].
 24 October 1985: Kenya: Bushwacker's Safari Camp: CM: 1 [1 - 1 - 1].
 25 October 1985: Kenya: Bushwacker's Safari Camp: CM: 1 [1 - 1 - 1].
 27 October 1985: Kenya: Bushwacker's Safari Camp: CM: 5 [5 - 5 - 5].
 5 November 1985: Kenya: Kakamega forest station: CM: 3 [3 - 3 - 3].
 6 November 1985: Kenya: Kakamega forest station: CM: 1 [1 - 1 - 1].
 8 November 1985: Kenya: Ikuywa river bridge: CM: 2 [2 - 2 - 2].

Total Specimens for Schlitter, Duane A. (dr.) et al.: 31

Schlüter, A.

- Collection Date Unknown: Gabon: no specific locality: ZMB: 1 [1 - 1].
 South Africa: Port Natal [=Durban]: ZMB: 1 [1 - 1].
 Tanzania: Kinole: ZMB: 1 [1 - 1].
 Uganda: Entebbe: ZMB: 4 [4 - 4 - 4].

Total Specimens for Schlüter, A.: 7

Schlüter, Wm.

- Collection Date Unknown: Egypt: Egypt: ZFMK: 1 [1 - 1].
 Liberia: Liberia: USNM: 1 [1 - 1 - 2].
 1 January 1871: South Africa: Natal: SMNS: 1 [1 - 1 - 1].

Total Specimens for Schlüter, Wm.: 3

Schmidt

- Collection Date Unknown: Togo: Atakpamé: ZMB: 1 [1 - 1 - 1].

Total Specimens for Schmidt: 1

Schmidt, A.

- Collection Date Unknown: The Gambia: Gambia: BMNH: 1 [1 - 1 - 1].
 22 February 1892: Unknown Country: Ogowe: ZMH: 1 [1 - 1 - 1].

Total Specimens for Schmidt, A.: 2

Schmidt, D.F.

- 20 April 1984: Sierra Leone: Fintonia, 5.8 km E: USNM: 1 [1 - 1 - 1].

Total Specimens for Schmidt, D.F.: 1

Schmitt and Baker

- Collection Date Unknown: Congo (Democratic Republic of the): Uvira: USNM: 2 [2 - 2 - 2].

Total Specimens for Schmitt and Baker: 2

Schmutter, H. and Kock, D.

Collection Date Unknown: Kenya: Aruba Lodge: SMF: 1 [1 - 1].
South Africa: Doornkraal Camp Site: DNSM: 1 [1 - 1 - 2].

Total Specimens for Schmutter, H. and Kock, D.: 2

Schneider

Collection Date Unknown: Ghana: Accra: ZMB: 3 [3 - 3].
Madagascar: no specific locality: ZMB: 1 [1 - 1].
Mauritius: no specific locality: ZMB: 2 [2 - 2].
Sudan: Upper White Nile: ZMB: 1 [1 - 1 - 7].

Total Specimens for Schneider: 7

Schneider / Museum Basel

Collection Date Unknown: Guinea: no specific locality: ZMB: 1 [1 - 1 - 1].

Total Specimens for Schneider / Museum Basel: 1

Schneider, G.

Collection Date Unknown: Egypt: Egypt: MHNG: 2 [2 - 2 - 2].

Total Specimens for Schneider, G.: 2

Schoeman Corrie, et al.

16 December 2002: South Africa: Sudwala Cave area, Miggiesgat cave: TM: 1 [1 - 1 - 1].

18 December 2002: South Africa: Sudwala Cave: TM: 1 [1 - 1 - 1].

Total Specimens for Schoeman Corrie, et al.: 2

Schoeman, Corrie

Collection Date Unknown: South Africa: Empisini Nature Reserve: DNSM: 1 [1] - Johannesburg: TM: 1 [1 - 2 - 2].

Total Specimens for Schoeman, Corrie: 2

Schoeman, Corrie and Seamark, Ernest Charles James

12 October 2003: South Africa: Sudwala Mine 2: TM: 3 [3 - 3 - 3].

Total Specimens for Schoeman, Corrie and Seamark, Ernest Charles James: 3

Schoeman, Corrie et al.

Collection Date Unknown: South Africa: Doornkraal Camp Site: DNSM: 1 [1] - Sudwala Cave: TM: 1 [1] - Wondermine:
DNSM: 1 [1 - 3 - 3].

19 December 2002: South Africa: Sudwala Caves area, Miggiesgat cave: TM: 1 [1 - 1 - 1].

Total Specimens for Schoeman, Corrie et al.: 4

Scholtz, C.

Collection Date Unknown: South Africa: Empisini Nature Reserve: DNSM: 1 [1] - Farm Ferndale: TM: 2 [2] - Harold Johnson
Nature Reserve: DNSM: 1 [1 - 4 - 4].

Total Specimens for Scholtz, C.: 4

Schönheit

Collection Date Unknown: Tanzania: Morogoro: ZMB: 1 [1 - 1 - 1].

Total Specimens for Schönheit: 1

Schouteden, H.

Collection Date Unknown: Congo (Democratic Republic of the): Bolobo: RMCA: 5 [5] - Djamba: RMCA: 1 [1] - Dungu:
RMCA: 1 [1] - Elisabethville [=Lubumbashi]: RMCA: 3 [3] - Kabalo: RMCA: 1 [1] - Koteli: RMCA: 3 [3] - Kunungu:
RMCA: 14 [14] - Panga: RMCA: 9 [9] - Stanleyville [=Kisangani]: RMCA: 1 [1 - 38 - 38].

25 July 1920: Congo (Democratic Republic of the): Banana: RMCA: 1 [1 - 1 - 1].

18 August 1920: Congo (Democratic Republic of the): Moanda: RMCA: 1 [1 - 1 - 1].

19 August 1920: Congo (Democratic Republic of the): Moanda: RMCA: 1 [1 - 1 - 1].

21 August 1920: Congo (Democratic Republic of the): Moanda: RMCA: 2 [2 - 2 - 2].
26 August 1920: Congo (Democratic Republic of the): Banana: RMCA: 1 [1 - 1 - 1].
11 December 1920: Congo (Democratic Republic of the): Kisantu: RMCA: 1 [1 - 1 - 1].
15 December 1920: Congo (Democratic Republic of the): Kisantu: RMCA: 1 [1 - 1 - 1].
27 December 1920: Congo (Democratic Republic of the): Kisantu: RMCA: 1 [1 - 1 - 1].
24 January 1921: Congo (Democratic Republic of the): Eala: RMCA: 1 [1 - 1 - 1].
24 February 1921: Congo: Tondou: RMCA: 6 [6 - 6 - 6].
27 February 1921: Congo (Democratic Republic of the): Bikoro: RMCA: 1 [1 - 1 - 1].
17 June 1921: Congo (Democratic Republic of the): Kwamouth: RMCA: 1 [1 - 1 - 1].
19 July 1921: Congo (Democratic Republic of the): Basongo: RMCA: 2 [2 - 2 - 2].
21 August 1921: Congo (Democratic Republic of the): Luebo: RMCA: 1 [1 - 1 - 1].
10 September 1921: Congo (Democratic Republic of the): Luebo: RMCA: 1 [1 - 1 - 1].
29 September 1921: Congo (Democratic Republic of the): Macaco: RMCA: 1 [1 - 1 - 1].
9 November 1921: Congo (Democratic Republic of the): Ngombe: RMCA: 4 [4 - 4 - 4].
12 November 1921: Congo (Democratic Republic of the): Ngombe: RMCA: 2 [2 - 2 - 2].
16 November 1921: Congo (Democratic Republic of the): Tshikapa: RMCA: 1 [1 - 1 - 1].
24 November 1921: Congo (Democratic Republic of the): Tshikapa: RMCA: 1 [1 - 1 - 1].
28 November 1921: Congo (Democratic Republic of the): Tshikapa: RMCA: 1 [1 - 1 - 1].
16 December 1921: Congo (Democratic Republic of the): Luebo: RMCA: 4 [4 - 4 - 4].
17 December 1921: Congo (Democratic Republic of the): Luebo: RMCA: 1 [1 - 1 - 1].
19 December 1921: Congo (Democratic Republic of the): Luebo: RMCA: 5 [5 - 5 - 5].
17 February 1922: Congo (Democratic Republic of the): Kidada: RMCA: 1 [1 - 1 - 1].
8 March 1922: Congo (Democratic Republic of the): Temvo: RMCA: 1 [1 - 1 - 1].
19 December 1924: Congo (Democratic Republic of the): Djamba: RMCA: 1 [1 - 1 - 1].
20 December 1924: Congo (Democratic Republic of the): Djamba: RMCA: 1 [1 - 1 - 1].
2 January 1925: Congo (Democratic Republic of the): Koteli: RMCA: 1 [1 - 1 - 1].
3 January 1925: Congo (Democratic Republic of the): Koteli: RMCA: 1 [1 - 1 - 1].
23 January 1925: Congo (Democratic Republic of the): Koteli: RMCA: 1 [1 - 1 - 1].
26 February 1925: Congo (Democratic Republic of the): Mauda: RMCA: 1 [1 - 1 - 1].
2 March 1925: Congo (Democratic Republic of the): Mauda: RMCA: 1 [1 - 1 - 1].
16 March 1925: Congo (Democratic Republic of the): Mauda: RMCA: 1 [1 - 1 - 1].
19 March 1925: Congo (Democratic Republic of the): Dika: RMCA: 1 [1 - 1 - 1].
21 March 1925: Congo (Democratic Republic of the): Mauda: RMCA: 2 [2 - 2 - 2].
18 April 1925: Congo (Democratic Republic of the): Dramba: RMCA: 1 [1 - 1 - 1].
5 May 1925: Congo (Democratic Republic of the): Mahagi Port: RMCA: 1 [1 - 1 - 1].
22 June 1925: Congo (Democratic Republic of the): Abimva: RMCA: 2 [2 - 2 - 2].
23 June 1925: Congo (Democratic Republic of the): Abimva: RMCA: 4 [4 - 4 - 4].
1 July 1925: Congo (Democratic Republic of the): Faradje: RMCA: 3 [3 - 3 - 3].
5 July 1925: Congo (Democratic Republic of the): Faradje: RMCA: 1 [1 - 1 - 1].
6 July 1925: Congo (Democratic Republic of the): Faradje: RMCA: 2 [2 - 2 - 2].
1 January 1926: Rwanda: Kisenyi [=Gisenyi]: RMCA: 1 [1 - 1 - 1].
1 April 1926: Congo (Democratic Republic of the): Lubumbashi: RMCA: 1 [1 - 1 - 1].
11 December 1927: Congo (Democratic Republic of the): Kunungu: RMCA: 1 [1 - 1 - 1].
19 November 1937: Congo (Democratic Republic of the): Kunungu: RMCA: 1 [1 - 1 - 1].

Total Specimens for Schouteden, H.: 111

Schrader

Collection Date Unknown: Egypt: Sharqiya: ZMB: 3 [3 - 3].
 Ethiopia: Abyssinia: ZMB: 1 [1 - 1 - 4].

Total Specimens for Schrader: 4

Schribante, Mrs.

Collection Date Unknown: South Africa: Harold Johnson Nature Reserve: DNSM: 1 [1] - Queenswood: TM: 1 [1 - 2 - 2].

Total Specimens for Schribante, Mrs.: 2

Schröder

Collection Date Unknown: Ghana: Ho: ZMB: 2 [2 - 2 - 2].

Total Specimens for Schröder: 2

Schubolz, H.

Collection Date Unknown: Chad: Fort Archambault: SMF: 2 [2 - 2].
 Congo (Democratic Republic of the): Koloka: SMF: 2 [2 - 2 - 4].
1 October 1910: Central African Republic: Badingua: SMF: 2 [2 - 2 - 2].
12 October 1910: Congo (Democratic Republic of the): Duma: SMF: 1 [1 - 1 - 1].

Total Specimens for Schubolz, H.: 7

Schubotz

Collection Date Unknown: "Africa": Bornili an the Amwini river: ZMB: 2 [2 - 2].
 Congo (Democratic Republic of the): Kasindi: ZMB: 1 [1 - 1].
 Rwanda: Mugarura: ZMB: 3 [3 - 3 - 6].

Total Specimens for Schubotz: 6

Schultze

Collection Date Unknown: "Africa": S-Africa: ZMB: 2 [2 - 2].
 South Africa: Lobatsi [intermittent stream]: ZMB: 1 [1 - 1].
 Unknown country: Kubub: ZMB: 1 [1 - 1 - 4].

Total Specimens for Schultze: 4

Schultze, A. (Hesz A.F.M. Exp 1910/11)

Collection Date Unknown: Cameroon: Fenda: SMF: 1 [1 - 1 - 1].

Total Specimens for Schultze, A. (Hesz A.F.M. Exp 1910/11): 1

Schuster

Collection Date Unknown: Tanzania: Li Junge, mountain: ZMB: 1 [1] - Li Tunge: ZMB: 1 [1 - 2 - 2].

Total Specimens for Schuster: 2

Schüz

1 October 1967: Ethiopia: Tana, lake: SMNS: 1 [1 - 1 - 1].

Total Specimens for Schüz: 1

Schwab, G.

Collection Date Unknown: Cameroon: Sakbayeme: MCZ: 1 [1 - 1 - 1].

Total Specimens for Schwab, G.: 1

Schwab, G. (Rév.)

Collection Date Unknown: Cameroon: Ebolowa: MCZ: 4 [4] - Metet: MCZ: 2 [2 - 6 - 6].

Total Specimens for Schwab, G. (Rév.): 6

Schwan, Tom G.

26 January 1976: Kenya: Lake Naruku national park: AMNH: 1 [1 - 1 - 1].

Total Specimens for Schwan, Tom G.: 1

Schwarz

Collection Date Unknown: Sudan: Bahr el Jebel: ZMB: 1 [1] - Djebel Zeraf [=Zeraf Jebel]: ZMB: 1 [1] - Taufikia: ZMB: 1 [1 - 3 - 3].

Total Specimens for Schwarz: 3

Schwarz, Ernst (dr.)

Collection Date Unknown: Congo (Democratic Republic of the): Boma: RMCA: 4 [4] - Kasanga: RMCA: 1 [1] - Stanleyville [=Kisangani]: RMCA: 1 [1 - 6 - 6].

21 June 1931: Congo (Democratic Republic of the): Stanleyville [=Kisangani]: RMCA: 1 [1 - 1 - 1].

Total Specimens for Schwarz, Ernst (dr.): 7

Schweinfurth

Collection Date Unknown: Ethiopia: Fashodo: ZMB: 1 [1 - 1].

Sudan: Seriba Ghatta: ZMB: 11 [11] - Weißer Nil [=Bahr-el-Abyat]: ZMB: 3 [3 - 14 - 15].

Total Specimens for Schweinfurth: 15

Schwetz

15 September 1939: Congo (Democratic Republic of the): Kabare: RMCA: 1 [1 - 1 - 1].

Total Specimens for Schwetz: 1

Scortecci, G.

Collection Date Unknown: Somalia: Bender Cassim: MSNM: 4 [4 - 4 - 4].

5 July 1953: Somalia: Mijertein province: MSNM: 1 [1 - 1 - 1].

21 July 1953: Somalia: Candala: MSNM: 1 [1 - 1 - 1].

Total Specimens for Scortecci, G.: 6

Scott

23 November 1911: "Africa": Unknown locality: BMNH: 1 [1 - 1].

Unknown Country: Jala plains: BMNH: 2 [2 - 2 - 3].

Total Specimens for Scott: 3

Scott Elliot, G.

Collection Date Unknown: Sierra Leone: Scaries river: BMNH: 2 [2 - 2 - 2].

Total Specimens for Scott Elliot, G.: 2

Scott, E.

Collection Date Unknown: South Africa: Itala Game Reserve: DNSM: 1 [1] - Kyalami Kennels: TM: 1 [1 - 2 - 2].

Total Specimens for Scott, E.: 2

Scott-Martin, P.

Collection Date Unknown: Zimbabwe: Hatfield: USNM: 1 [1 - 1 - 1].

Total Specimens for Scott-Martin, P.: 1

Seamark, Ernest Charles James

Collection Date Unknown: South Africa: Doornkraal Camp Site: DNSM: 3 [3] - Durban, Walnut/Commercial Rd: DNSM: 1 [1] - Empisini Nature Reserve: DNSM: 4 [4] - Esperanza [=Beneva] Tunnel: DNSM: 1 [1] - Harold Johnson Nature Reserve: DNSM: 1 [1] - Itala Game Reserve: DNSM: 2 [2] - Nguhbu Picnic: DNSM: 1 [1] - Renishaw, 29 Maryland Road: DNSM: 1 [1] - Vernon Crookes Nature Reserve: DNSM: 2 [2] - Waterberg Game Farm, at small man-made ponds within camp: TM: 4 [4] - Waterberg, Waterberg Game Farm, Dassie Cave: TM: 1 [1] - Wondermine: DNSM: 1 [1 - 22 - 22].

18 September 2001: South Africa: Waterberg, Waterberg Game Farm, Dassie Cave: TM: 1 [1 - 1 - 1].

13 November 2002: South Africa: Waterberg, Waterberg Game Farm, Dassie Cave: TM: 1 [1 - 1 - 1].

5 February 2005: South Africa: Cederberg, Pakhuis Pass, Kliphuis camp site: TM: 7 [7 - 7 - 7].

8 February 2005: South Africa: Khamkirri Private Game Reserve, site 1: TM: 6 [6 - 6 - 6].

9 February 2005: South Africa: Khamkirri Private Game Reserve, site 2: TM: 1 [1 - 1 - 1].

10 February 2005: South Africa: Khamkirri Private Game Reserve, site 2: TM: 1 [1 - 1 - 1].

Total Specimens for Seamark, Ernest Charles James: 39

Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.)

Collection Date Unknown: South Africa: Dlinza Forest: DNSM: 3 [3] - Eshowe, 4 Leigh Road: DNSM: 1 [1] - Fairview mine: DNSM: 1 [1] - Farm Northern Kakamas, behind cottages at Khamkirri: TM: 4 [4] - Game Valley Estates: DNSM: 2 [2] - Hella Hella Game Valley: DNSM: 2 [2] - Hella-Hella Game Valley Estates: DNSM: 2 [2] - Itala Game Reserve: DNSM: 1 [1] - Mooiplaas, SAPPI: DNSM: 15 [15] - Oribi Gorge Ranch: DNSM: 2 [2] - Sanbonani: DNSM: 1 [1] - Sezela, 3 Msinzi Avenue: DNSM: 7 [7] - Stainbank Nature Reserve: DNSM: 3 [3] - Umlalazi Nature Reserve: DNSM: 3 [3] - Umtamvuna Gorge Nature Reserve: DNSM: 5 [5] - Vernon Crookes Nature Reserve: DNSM: 3 [3 - 55 - 55].

3 February 2004: South Africa: Waterberg Game Farm: TM: 3 [3] - Waterberg Game Farm, at small man-made ponds within camp: TM: 1 [1 - 4 - 4].

5 February 2004: South Africa: Waterberg Game Farm: TM: 1 [1 - 1 - 1].

Total Specimens for Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): 60

Seamark, Ernest Charles James and Monadjem, Ara

2 February 2006: Swaziland: Mlawula Nature Reserve 1: TM: 2 [2 - 2 - 2].

4 February 2006: Swaziland: Mlawula Nature Reserve 2: TM: 1 [1 - 1 - 1].

Total Specimens for Seamark, Ernest Charles James and Monadjem, Ara: 3

Seed, Robin D.

23 December 1963: Kenya: Cherangani Hills: ROM: 1 [1 - 1 - 1].**20 April 1964:** Kenya: Archer's Post: CM: 1 [1 - 1 - 1].**Total Specimens for Seed, Robin D.: 2**

Seete, J.

Collection Date Unknown: South Africa: Harrismith: TM: 1 [1 - 1 - 1].**Total Specimens for Seete, J.: 1**

Seibt and Wickler

1 January 1974: Kenya: Kikambala: SMF: 2 [2 - 2 - 2].**Total Specimens for Seibt and Wickler: 2**

Seimund, E.

Collection Date Unknown: Equatorial Guinea: Bubi Town: BMNH: 1 [1 - 1 - 1].**2 January 1904:** Equatorial Guinea: Fish Town: BMNH: 1 [1 - 1 - 1].**Total Specimens for Seimund, E.: 2**

Selchow, D.H.

4 March 1930: Zambia: Lusiwashi valley: YPM: 1 [1 - 1 - 1].**Total Specimens for Selchow, D.H.: 1**

SENG

8 July 1988: Zimbabwe: Angwa bridge, 7 km SW: MNHN: 1 [1 - 1 - 1].**Total Specimens for SENG: 1**

Setzer, H.W.

Collection Date Unknown: Ghana: Aiyikuma: USNM: 8 [8] - Legon [Botanical Garden]: USNM: 15 [15 - 23].Zimbabwe: Salisbury: USNM: 1 [1 - 1 - 24].**22 July 1964:** Mozambique: Tete, 2 mi SE: USNM: 12 [12 - 12 - 12].**27 July 1964:** Mozambique: Muchena: USNM: 1 [1 - 1 - 1].**9 August 1964:** Mozambique: Vila Gamito: USNM: 7 [7 - 7 - 7].**24 November 1965:** Botswana: Lethlakeng: USNM: 2 [2] - Lethlakeng, 11 mi SE: USNM: 6 [6 - 8 - 8].**25 November 1965:** Botswana: Lethlakeng: USNM: 2 [2 - 2 - 2].**21 October 1966:** Nigeria: Igbo-ora: USNM: 1 [1 - 1 - 1].**24 September 1967:** Zimbabwe: Chirinda Forest: NHMZ: 3, USNM: 5 [8 - 8 - 8].**1 October 1967:** Zimbabwe: Chirinda Forest: USNM: 1 [1 - 1 - 1].**3 October 1967:** Zimbabwe: Selinda, mount: USNM: 1 [1 - 1 - 1].**5 November 1967:** Ghana: Berekuso, 1 mi N: USNM: 2 [2 - 2 - 2].**30 November 1967:** Ghana: Akosombo: USNM: 8 [8 - 8 - 8].**2 December 1967:** Ghana: Akwamufe: USNM: 2 [2] - Akwamufe, 1 mi N: USNM: 4 [4] - Asikuma, 1 mi N: USNM: 3 [3] - Tsibu, 2 mi SSW: USNM: 2 [2 - 11 - 11].**10 December 1967:** Ghana: Adawaso: USNM: 12 [12] - Adawaso, 1 mi E: USNM: 2 [2] - Adawaso, 1.9 mi NW: USNM: 1 [1] - Nankasi: USNM: 1 [1] - Tutu: USNM: 1 [1 - 17 - 17].**13 October 1968:** Ghana: Oda: USNM: 1 [1 - 1 - 1].**Total Specimens for Setzer, H.W.: 104**

Seydel

19 May 1924: Congo (Democratic Republic of the): Mertens farm: RMCA: 1 [1 - 1 - 1].**Total Specimens for Seydel: 1**

Shakmat, A.J.

9 July 1973: Libya: Benghazi: HZM: 1 [1 - 1 - 1].

Total Specimens for Shakmat, A.J.: 1

Sharpe

Collection Date Unknown: Liberia: Fanti: ZMB: 1 [1 - 1 - 1].**Total Specimens for Sharpe: 1**

Shaw, A.

13 March 1915: Sudan: Nile, upper: BMNH: 1 [1 - 1 - 1].**21 April 1921:** Sudan: Mongalla: BMNH: 2 [2 - 2 - 2].**Total Specimens for Shaw, A.: 3**

Sheppe, Walter A.

9 September 1967: Zambia: Naleza: CAS: 1, HZM: 1 [2 - 2 - 2].**7 October 1967:** Zambia: Naleza: CAS: 1 [1 - 1 - 1].**28 October 1967:** Zambia: Lochinvar ranch: CAS: 1 [1 - 1 - 1].**Total Specimens for Sheppe, Walter A.: 4**

Shone

14 July 1962: Zimbabwe: Salisbury: HZM: 1 [1 - 1 - 1].**Total Specimens for Shone: 1**

Shortridge, Guy C. (Capt.)

Collection Date Unknown: Malawi: Nkhota-Kota: KM: 1 [1 - 1].

Namibia: Berseba: BMNH: 2 [2] - Cunene Falls: BMNH: 2 [2] - Etosha Pan: BMNH: 4 [4] - Great Brukoros Mountains: BMNH: 1 [1] - Karibib: BMNH: 5 [5] - Mbambi: BMNH: 1 [1] - Namutoni: BMNH: 1 [1] - Oas: BMNH: 2 [2] - Ondongera: BMNH: 1 [1] - Ondongwa: BMNH: 7 [7] - Otjumbumbi: BMNH: 2, KM: 1 [3] - Ukuualuisi: BMNH: 6 [6] - Ukuualukasi: BMNH: 16 [16] - Windhoek: BMNH: 1 [1] - Windhuk [=Windhoek?]: BMNH: 2 [2 - 54].

South Africa: Louisvale: BMNH: 3, KM: 1 [4] - Ngqeleni district: TM: 1 [1] - Port Nolloth, 15 mi inland: KM: 1 [1 - 6].

Unknown Country: : BMNH: 2 [2 - 2 - 63].

22 August 1902: South Africa: Port St. Johns: SAMC: 1 [1 - 1 - 1].**14 February 1919:** Zambia: Ndola: BMNH: 1 [1 - 1 - 1].**22 April 1919:** Zambia: Ndola: BMNH: 1 [1 - 1 - 1].**29 April 1919:** Zambia: Ndola: BMNH: 1 [1 - 1 - 1].**18 June 1919:** Zambia: Ndola: TM: 1 [1 - 1 - 1].**26 March 1922:** South Africa: King Williamstown: KM: 1 [1 - 1 - 1].**29 October 1923:** Namibia: Karibib: KM: 1 [1 - 1 - 1].**9 November 1923:** Namibia: Karibib: KM: 1 [1 - 1 - 1].**15 November 1923:** Namibia: Windhoek: KM: 1 [1 - 1 - 1].**27 July 1924:** Namibia: Ukuualuisi: KM: 2 [2 - 2 - 2].**24 September 1924:** Namibia: Otjumbumbi: BMNH: 1 [1 - 1 - 1].**6 October 1924:** Namibia: Ukuualukasi: BMNH: 1 [1 - 1 - 1].**7 October 1924:** Namibia: Ukuualukasi: BMNH: 1 [1 - 1 - 1].**8 October 1924:** Namibia: Ukuualukasi: BMNH: 2, KM: 4 [6 - 6 - 6].**9 October 1924:** Namibia: Ukuualukasi: KM: 1 [1 - 1 - 1].**12 October 1924:** Namibia: Ukuualukasi: BMNH: 1, KM: 3 [4 - 4 - 4].**14 October 1924:** Namibia: Ukuualuisi: KM: 1 [1 - 1 - 1].**17 October 1924:** Namibia: Ondangua: BMNH: 1 [1 - 1 - 1].**24 October 1924:** Namibia: Ondangua: BMNH: 1 [1 - 1 - 1].**26 October 1924:** Namibia: Ondangua: BMNH: 1, KM: 1 [2 - 2 - 2].**17 October 1925:** Namibia: Karolinenhof: BMNH: 1 [1 - 1 - 1].**6 November 1925:** Namibia: Sandfontein: KM: 1 [1 - 1 - 1].**16 December 1925:** Namibia: Karolinenhof: KM: 2 [2 - 2 - 2].**17 December 1925:** Namibia: Karolinenhof: BMNH: 1 [1 - 1 - 1].**30 April 1927:** Namibia: Otjitundua: KM: 1 [1 - 1 - 1].**1 May 1927:** Namibia: Otjitundua: BMNH: 3 [3 - 3 - 3].**2 May 1927:** Namibia: Otjitundua: BMNH: 5, KM: 5 [10 - 10 - 10].**3 May 1927:** Namibia: Otjitundua: BMNH: 1, KM: 1 [2 - 2 - 2].**6 May 1927:** Namibia: Otjitundua: BMNH: 4, KM: 1 [5 - 5 - 5].**7 May 1927:** Namibia: Otjitundua: BMNH: 1, KM: 1 [2 - 2 - 2].**8 May 1927:** Namibia: Otjitundua: BMNH: 1 [1 - 1 - 1].**12 May 1927:** Namibia: Otjitundua: BMNH: 1 [1 - 1 - 1].**15 May 1927:** Namibia: Otjitundua: BMNH: 1, KM: 1 [2 - 2 - 2].**17 May 1927:** Namibia: Otjitundua: BMNH: 3 [3 - 3 - 3].**20 May 1927:** Namibia: Otjitundua: KM: 1 [1 - 1 - 1].**2 June 1927:** Namibia: Ombombo: BMNH: 1 [1 - 1 - 1].**12 June 1927:** Namibia: Ombombo: BMNH: 1 [1 - 1 - 1].

- 25 July 1927: Namibia: Tshimhaka: BMNH: 1 [1 - 1 - 1].
 27 July 1927: Namibia: Swartbooisdrift: KM: 2 [2 - 2 - 2].
 27 August 1927: Namibia: Swartbooisdrift: BMNH: 1, KM: 1 [2 - 2 - 2].
 18 September 1927: Namibia: Great Ombathu: BMNH: 1 [1 - 1 - 1].
 27 September 1927: Namibia: Kaoko-Otavi: KM: 1 [1 - 1 - 1].
 22 March 1929: Namibia: Nuitsas: BMNH: 3, KM: 2 [5 - 5 - 5].
 23 March 1929: Namibia: Nuitsas: BMNH: 2, KM: 4 [6 - 6 - 6].
 24 March 1929: Namibia: Nuitsas: BMNH: 2, KM: 1 [3 - 3 - 3].
 26 March 1929: Namibia: Nuitsas: BMNH: 2 [2 - 2 - 2].
 31 March 1929: Namibia: Nuitsas: BMNH: 1, KM: 1 [2 - 2 - 2].
 10 April 1929: Namibia: Kano valley: BMNH: 1 [1 - 1 - 1].
 26 April 1929: Namibia: Karakuwisa: BMNH: 1 [1 - 1 - 1].
 29 May 1929: Namibia: Ssanukanu: BMNH: 1 [1 - 1 - 1].
 1 June 1929: Namibia: Ssanukanu: FMNH: 1 [1 - 1 - 1].
 2 June 1929: Namibia: Ssanukanu: BMNH: 1 [1 - 1 - 1].
 3 June 1929: Namibia: Ssanukanu: BMNH: 2 [2 - 2 - 2].
 4 June 1929: Namibia: Ssanukanu: BMNH: 1 [1 - 1 - 1].
 5 June 1929: Namibia: Ssanukanu: BMNH: 1, FMNH: 1 [2 - 2 - 2].
 9 June 1929: Namibia: Ssanukanu: BMNH: 1 [1 - 1 - 1].
 10 June 1929: Namibia: Ssanukanu: BMNH: 1, FMNH: 1 [2 - 2 - 2].
 11 June 1929: Namibia: Ssanukanu: FMNH: 1 [1 - 1 - 1].
 13 June 1929: Namibia: Ssanukanu: BMNH: 1 [1 - 1 - 1].
 1 July 1929: Namibia: Okavango-Omatoka junction: BMNH: 1 [1 - 1 - 1].
 16 December 1936: South Africa: Garies: KM: 1 [1 - 1 - 1].
 29 December 1936: South Africa: Farm Goodhouse 23: KM: 1 [1 - 1 - 1].
 30 December 1936: South Africa: Farm Goodhouse 23: KM: 1 [1 - 1 - 1].
 31 December 1936: South Africa: Farm Goodhouse 23: KM: 1 [1 - 1 - 1].
 3 January 1937: South Africa: Farm Goodhouse 23: KM: 1 [1 - 1 - 1].
 20 January 1939: South Africa: Compagnies Drift: HZM: 1 [1 - 1 - 1].
 10 July 1946: Malawi: Kota-Kota: KM: 2 [2 - 2 - 2].
 8 August 1946: Malawi: Nkhota-Kota: KM: 1 [1 - 1 - 1].
 10 August 1946: Malawi: Kota-Kota: KM: 1 [1 - 1 - 1].
 12 August 1946: Malawi: Nkhota-Kota: KM: 2 [2 - 2 - 2].
 15 August 1946: Malawi: Nkhota-Kota: KM: 2 [2 - 2 - 2].
 17 August 1946: Malawi: Kota-Kota: KM: 1 [1 - 1 - 1].

Total Specimens for Shortridge, Guy C. (Capt.): 191

Shortridge, Guy C. (Capt.) and Carter, Donald

- 28 December 1937: South Africa: Hex River Estates: KM: 1 [1 - 1 - 1].
 3 January 1938: South Africa: Hex River Estates: KM: 1 [1 - 1 - 1].

Total Specimens for Shortridge, Guy C. (Capt.) and Carter, Donald: 2

Shortridge, Guy C. (Capt.) and Sladen, Percy

- 29 October 1923: Namibia: Karibib: BMNH: 2 [2 - 2 - 2].
 14 November 1923: Namibia: Windhoek: BMNH: 1 [1 - 1 - 1].
 27 August 1924: Namibia: Ukualuisi: BMNH: 1 [1 - 1 - 1].
 14 October 1924: Namibia: Ukualuisi: BMNH: 2 [2 - 2 - 2].
 26 October 1924: Namibia: Ondangua: BMNH: 1 [1 - 1 - 1].

Total Specimens for Shortridge, Guy C. (Capt.) and Sladen, Percy: 7

Shortridge, Guy C. (Capt.) and Williams

- 27 March 1925: South Africa: King Williamstown: BMNH: 1 [1 - 1 - 1].

Total Specimens for Shortridge, Guy C. (Capt.) and Williams: 1

Shortridge, Guy C. (purchased)

- Collection Date Unknown: Namibia: : SAMC: 1 [1 - 1 - 1].
 10 August 1903: South Africa: Hanover: SAMC: 1 [1 - 1 - 1].
 26 August 1982: South Africa: Port St. Johns: SAMC: 1 [1 - 1 - 1].

Total Specimens for Shortridge, Guy C. (purchased): 3

Shortt

- 6 June 1968: Uganda: Budongo Forest: ROM: 1 [1 - 1 - 1].

Total Specimens for Shortt: 1

Sibley, Fred C.

21 May 1960: Nigeria: Pategi: AMNH: 1 [1 - 1 - 1].

Total Specimens for Sibley, Fred C.: 1

Sicard, Dr.

Collection Date Unknown: Tunisia: Gabès: MHNG: 1 [1 - 1 - 1].

Total Specimens for Sicard, Dr.: 1

Sieber

Collection Date Unknown: Mauritius: Mauritius: ZMB: 1 [1 - 1 - 1].

Total Specimens for Sieber: 1

Siépy, dr.

Collection Date Unknown: Egypt: Alexandria: MNHN: 3 [3 - 3 - 3].

Total Specimens for Siépy, dr.: 3

Sikombe, S.W.

15 November 1990: Tanzania: Songwe Valley, Tegemo farm: SMF: 1 [1 - 1 - 1].

Total Specimens for Sikombe, S.W.: 1

Silberstein, A.R.

25 March 1966: Namibia: Kobos: USNM: 2 [2 - 2 - 2].

Total Specimens for Silberstein, A.R.: 2

Sillu, David M.

Collection Date Unknown: Kenya: Kiriri: RMCA: 1 [1] - Shimba Hills: MWSU: 1 [1 - 2 - 2].

12 January 1966: Kenya: Kiu: ROM: 2 [2 - 2 - 2].

27 January 1966: Kenya: Kiu: ROM: 3 [3 - 3 - 3].

19 November 1966: Kenya: Shimba Hills: RMCA: 1 [1 - 1 - 1].

25 November 1966: Kenya: Shimba Hills: RMCA: 2, ROM: 1 [3 - 3 - 3].

30 November 1966: Kenya: Shimba Hills: RMCA: 1 [1 - 1 - 1].

3 December 1966: Kenya: Shimba Hills: RMCA: 1 [1 - 1 - 1].

9 December 1966: Kenya: Shimba Hills: RMCA: 1 [1 - 1 - 1].

11 July 1968: Kenya: Kinu: RMCA: 4 [4 - 4 - 4].

14 July 1968: Kenya: Machakos district: RMCA: 2 [2 - 2 - 2].

22 July 1970: Kenya: Kinu: RMCA: 6 [6 - 6 - 6].

Total Specimens for Sillu, David M.: 26

Simoes

22 March 1979: Namibia: Sesfontein: SMW: 1 [1 - 1 - 1].

23 May 1979: Namibia: Sesfontein: SMW: 1 [1 - 1 - 1].

Total Specimens for Simoes: 2

Simonkovitch, E.

Collection Date Unknown: Senegal: Saboya: MNHN: 1 [1 - 1 - 1].

26 August 1971: Senegal: Saboya: MNHN: 8 [8 - 8 - 8].

1 September 1971: Senegal: Saboya: MNHN: 3 [3 - 3 - 3].

Total Specimens for Simonkovitch, E.: 12

Simpson, R. (dr.)

Collection Date Unknown: Ghana: Achimota: BMNH: 1 [1 - 1 - 1].

Total Specimens for Simpson, R. (dr.): 1

Singerhoff, E.

30 December 1996: Tanzania: northern Matema: SMF: 2 [2 - 2 - 2].

4 January 1997: Tanzania: Songwe-Flub, Songwe Bat Cave: SMF: 1 [1 - 1 - 1].

Total Specimens for Singerhoff, E.: 3

Sintenis

Collection Date Unknown: Ghana: Goldküste [=Goldcoast]: ZMB: 4 [4 - 4 - 4].

Total Specimens for Sintenis: 4

Siya, S.

Collection Date Unknown: Egypt: Bulaq: BMNH: 1 [1 - 1 - 1].

Total Specimens for Siya, S.: 1

Sjöstedt, Y.

Collection Date Unknown: Cameroon: Bipindi, Kribi, Bez: ZMB: 1 [1] - Bonge: ZMB: 3 [3] - Huki: ZMB: 1 [1] - Ndian [river]: ZMB: 3 [3 - 8].

Kenya: Kibomoto: MNHN: 1 [1 - 1].

Tanzania: Tanga: ZMB: 1 [1 - 1 - 10].

Total Specimens for Sjöstedt, Y.: 10

Skea, K.

26 September 1995: South Africa: Transvaal Museum workshop: TM: 1 [1 - 1 - 1].

Total Specimens for Skea, K.: 1

Skelbrin, A. and Wolff, U.

Collection Date Unknown: South Africa: Hatfield Primary School: TM: 1 [1 - 1 - 1].

Total Specimens for Skelbrin, A. and Wolff, U.: 1

Smart, C.

Collection Date Unknown: South Africa: Durban, 21 King George Avenue: DNSM: 1 [1 - 1 - 1].

Total Specimens for Smart, C.: 1

Smeenck, Chris

Collection Date Unknown: Kenya: Diani Forest: RMNH: 1 [1 - 1 - 1].

3 October 1979: Kenya: Watamu: RMNH: 1 [1 - 1 - 1].

6 October 1979: Kenya: Sokoke forest: RMNH: 1 [1 - 1 - 1].

11 October 1979: Kenya: Sokoke forest: RMNH: 1 [1 - 1 - 1].

14 October 1979: Kenya: Sokoke forest: RMNH: 1 [1 - 1 - 1].

17 October 1979: Kenya: Diani Forest: RMNH: 2 [2 - 2 - 2].

19 October 1979: Kenya: Diani Forest: RMNH: 1 [1 - 1 - 1].

24 October 1979: Kenya: Shimba Hills: RMNH: 1 [1 - 1 - 1].

25 October 1979: Kenya: Kwale: RMNH: 1 [1 - 1 - 1].

26 October 1979: Kenya: Shimba Hills: RMNH: 7 [7 - 7 - 7].

Total Specimens for Smeenck, Chris: 17

Smeenck, Chris and Smeenck, Nellie

2 December 1975: Nigeria: Pandam: RMNH: 1 [1 - 1 - 1].

17 April 1976: Nigeria: Pandam, lake: RMNH: 1 [1 - 1 - 1].

14 June 1976: Nigeria: Pandam, lake: RMNH: 1 [1 - 1 - 1].

15 June 1976: Nigeria: Pandam, lake: RMNH: 3 [3 - 3 - 3].

Total Specimens for Smeenck, Chris and Smeenck, Nellie: 6

Smend

Collection Date Unknown: Togo: Misahöhe [=Missahohé]: ZMB: 1 [1 - 1 - 1].

Total Specimens for Smend: 1

Smith

3 January 1953: Tanzania: Ukara island: BMNH: 1 [1 - 1 - 1].

1 March 1953: Tanzania: Ukara island: BMNH: 1 [1 - 1 - 1].

26 April 1970: Mozambique: Luabo: HZM: 1 [1 - 1 - 1].

Total Specimens for Smith: 3

Smith, A.

Collection Date Unknown: South Africa: Swellidam: BMNH: 1 [1 - 1 - 1].

Total Specimens for Smith, A.: 1

Smith, Andrew (Sir)

Collection Date Unknown: Tanzania: Ukara island: BMNH: 1 [1 - 1 - 1].

Total Specimens for Smith, Andrew (Sir): 1

Smith, Canon F.C. (Canon)

Collection Date Unknown: Sierra Leone: no specific locality: BMNH: 1 [1 - 1 - 1].

Total Specimens for Smith, Canon F.C. (Canon): 1

Smith, J.A. (dr.)

Collection Date Unknown: South Africa: Grahamstown: BMNH: 1 [1 - 1 - 1].

Total Specimens for Smith, J.A. (dr.): 1

Smith, L. and Smith, D.

4 March 1932: South Africa: Pretoria: TM: 1 [1 - 1 - 1].

Total Specimens for Smith, L. and Smith, D.: 1

Smith, S.A.

Collection Date Unknown: South Africa: Farm Strathfiedsaye: TM: 1 [1 - 1 - 1].

25 August 1974: South Africa: Cato Ridge, 3 km NE: TM: 1 [1 - 1 - 1].

27 August 1974: South Africa: Karkloof Forests: TM: 1 [1 - 1 - 1].

22 September 1974: South Africa: Mid-Illovo: TM: 1 [1] - Umbumbulu: TM: 1 [1 - 2 - 2].

Total Specimens for Smith, S.A.: 5

Smithers, R.H.N.

Collection Date Unknown: Botswana: Maun: SMF: 1 [1 - 1 - 1].

17 July 1952: Namibia: Lisikili, lake: TM: 1 [1 - 1 - 1].

3 March 1957: Zimbabwe: Wallaby Claims: BMNH: 1 [1 - 1 - 1].

7 June 1957: Botswana: Tsane: HZM: 1 [1 - 1 - 1].

19 June 1960: Zimbabwe: Umtali Old Mine: HZM: 1 [1 - 1 - 1].

12 December 1960: Zimbabwe: Umtali Old Mine: HZM: 1 [1 - 1 - 1].

23 January 1961: Botswana: Tsane: HZM: 1 [1 - 1 - 1].

24 February 1961: Botswana: Tsane: HZM: 1 [1 - 1 - 1].

3 December 1961: Zimbabwe: Thornpark Estate: HZM: 1 [1 - 1 - 1].

20 October 1963: Zimbabwe: Salisbury: HZM: 2 [2 - 2 - 2].

21 February 1964: Botswana: Shakawe: HZM: 1 [1 - 1 - 1].

1 July 1964: Botswana: Tamafuhi: HZM: 1 [1] - Tamafupi: HZM: 2 [2 - 3 - 3].

8 February 1965: Angola: Cassai: HZM: 1 [1 - 1 - 1].

17 September 1965: Zambia: Zambezi rapids: HZM: 1 [1 - 1 - 1].

4 December 1966: Botswana: Serowe, 40 mi NW: HZM: 2 [2 - 2 - 2].

10 December 1966: Unknown Country: Malingwe Pan: HZM: 1 [1 - 1 - 1].

6 May 1969: Zimbabwe: Mashunga Hande Dam: HZM: 1 [1 - 1 - 1].

18 February 1970: Zimbabwe: Peterhouse School: HZM: 1 [1 - 1 - 1].

18 November 1970: Zimbabwe: Rainham: HZM: 1 [1 - 1 - 1].

7 December 1975: Botswana: 4 rivers camp: HZM: 1 [1 - 1 - 1].

Total Specimens for Smithers, R.H.N.: 24

Smitz, A.

5 August 1952: Congo (Democratic Republic of the): Elisabethville [=Lubumbashi]: KBIN: 1 [1 - 1 - 1].

Total Specimens for Smitz, A.: 1

Sokolowski

Collection Date Unknown: Senegal: No specific locality: ZMB: 1 [1 - 1 - 1].

Total Specimens for Sokolowski: 1

Sopper, H.

8 February 1941: South Africa: Mazelfontein: TM: 1 [1 - 1 - 1].

Total Specimens for Sopper, H.: 1

Sordahl, L.O.

Collection Date Unknown: Namibia: Berseba: USNM: 1 [1 - 1 - 1].

29 October 1930: Namibia: Berseba: USNM: 2 [2 - 2 - 2].

20 May 1931: Namibia: Keetmanshoop: USNM: 1 [1 - 1 - 1].

Total Specimens for Sordahl, L.O.: 4

Sowler, G.

Collection Date Unknown: South Africa: Vernon Crooks Nature Reserve: TM: 2 [2 - 2 - 2].

3 January 1978: South Africa: Vernon Crooks Nature Reserve: TM: 1 [1 - 1 - 1].

Total Specimens for Sowler, G.: 3

Sowler, G.A.

3 January 1977: South Africa: Vernon Crooks Nature Reserve: TM: 1 [1 - 1 - 1].

2 January 1978: South Africa: Vernon Crooks Nature Reserve: TM: 1 [1 - 1 - 1].

3 January 1978: South Africa: Vernon Crooks Nature Reserve: TM: 15 [15 - 15 - 15].

4 January 1978: South Africa: Vernon Crooks Nature Reserve: TM: 1 [1 - 1 - 1].

Total Specimens for Sowler, G.A.: 18

Sowler, G.A. and Sowler, S.G.

24 January 1982: South Africa: Oribi-Lind Valley Game Ranch: TM: 8 [8 - 8 - 8].

Total Specimens for Sowler, G.A. and Sowler, S.G.: 8

Sowler, S.G.

14 January 1981: South Africa: Westville: TM: 4 [4 - 4 - 4].

Total Specimens for Sowler, S.G.: 4

Soyaux, H.

21 January 1885: Gabon: Ssibange [Sibange] farm: ZMB: 1 [1 - 1 - 1].

Total Specimens for Soyaux, H.: 1

Spatz

Collection Date Unknown: Algeria: Ain Mokra: ZMB: 3 [3] - Algiers: ZMB: 5 [5 - 8].

Senegal: Dagana: ZMB: 15 [15] - Mbout [=Mbeute]: ZMB: 20 [20 - 35].

Tunisia: El Hammah: ZMB: 1 [1] - Gabès: ZMB: 2 [2 - 3 - 46].

Total Specimens for Spatz: 46

Spinage, C.A. (dr.)

Collection Date Unknown: Congo (Democratic Republic of the): Bamingui-Bangoran National Park [= Bamingui-Bangoran Naional Park]: BMNH: 2 [2 - 2 - 2].

18 June 1979: Central African Republic: Badingua: BMNH: 1 [1 - 1 - 1].

20 June 1979: Central African Republic: Bamingui: BMNH: 2 [2 - 2 - 2].

Total Specimens for Spinage, C.A. (dr.): 5

Sporneck, Graf

Collection Date Unknown: Namibia: Koës: ZMB: 1 [1 - 1 - 1].**Total Specimens for Sporneck, Graf: 1**

Spurrell, H.G.F. (dr.)

Collection Date Unknown: Ghana: Bibianaha: BMNH: 2 [2] - Bibianaha [=Bibiani]: BMNH: 1 [1 - 3].

Nigeria: Old Calabar: BMNH: 1 [1 - 1 - 4].

7 December 1910: Ghana: Bibianaha [=Bibiani]: BMNH: 1 [1 - 1 - 1].**24 April 1912:** Ghana: Bibianaha [=Bibiani]: BMNH: 1 [1 - 1 - 1].**Total Specimens for Spurrell, H.G.F. (dr.): 6**

Stager, K.E.

26 March 1982: Kenya: Muumandu: HZM: 2 [2 - 2 - 2].**1 June 1982:** Kenya: Kamuani Area: HZM: 2 [2 - 2 - 2].**Total Specimens for Stager, K.E.: 4**

Stampfli, F.X.

22 July 1884: Liberia: Schieffelinsville: RMNH: 1 [1 - 1 - 1].**11 July 1885:** Liberia: Schieffelinsville: RMNH: 1 [1 - 1 - 1].**1 July 1887:** Liberia: Farmington river: RMNH: 1 [1 - 1 - 1].**Total Specimens for Stampfli, F.X.: 3**

Stampfli, F.X. and Büttikofer, J.

Collection Date Unknown: Liberia: Hilltown: RMNH: 1 [1 - 1 - 1].**Total Specimens for Stampfli, F.X. and Büttikofer, J.: 1**

Stanley, William (Bill) T.

3 August 1994: Tanzania: Chita, 3 km N: FMNH: 3 [3 - 3 - 3].**9 August 2001:** Tanzania: Kibebe farms: FMNH: 1 [1 - 1 - 1].**Total Specimens for Stanley, William (Bill) T.: 4**

Start, A.N.

Collection Date Unknown: Ghana: Damongo: BMNH: 1 [1 - 1].

Kenya: Baringo, lake: BMNH: 6 [6] - Garibete Water Hole: SMF: 1 [1] - Kiboko: SMF: 1 [1] - Kilifi: BMNH: 7 [7] - Molo river: BMNH: 1 [1] - Sultan Hamud: BMNH: 1, SMF: 1 [2] - Turkana, lake: BMNH: 2 [2] - Wei Wei River: BMNH: 1 [1 - 21 - 22].

22 August 1963: Kenya: Kilifi: BMNH: 1 [1 - 1 - 1].**27 August 1963:** Kenya: Kilifi: BMNH: 1 [1 - 1 - 1].**15 November 1963:** Kenya: Karen: BMNH: 1 [1 - 1 - 1].**16 November 1963:** Kenya: Karen: BMNH: 1 [1 - 1 - 1].**17 November 1963:** Kenya: Karen: BMNH: 1 [1 - 1 - 1].**1 February 1965:** Kenya: Karen: BMNH: 1 [1 - 1 - 1].**15 August 1965:** Kenya: Rongai: BMNH: 1 [1 - 1 - 1].**29 August 1965:** Kenya: Lesukut island: HZM: 2, SMF: 2 [4 - 4 - 4].**1 October 1966:** Kenya: Wei Wei river: BMNH: 5 [5 - 5 - 5].**21 October 1966:** Kenya: Wei Wei river: BMNH: 1 [1 - 1 - 1].**12 August 1967:** Kenya: Garsen: BMNH: 1 [1 - 1 - 1].**13 August 1967:** Kenya: Malindi, 30 mi N: BMNH: 5 [5 - 5 - 5].**20 August 1967:** Kenya: Endebess: BMNH: 1 [1 - 1 - 1].**22 August 1967:** Kenya: Wei Wei river: BMNH: 1 [1 - 1 - 1].**25 August 1967:** Kenya: Kongelai: BMNH: 1 [1] - Wei Wei river: BMNH: 1 [1 - 2 - 2].**27 August 1967:** Kenya: Tamkal Camp: BMNH: 1 [1 - 1 - 1].**14 September 1969:** Kenya: Oleibortoto river: BMNH: 3 [3 - 3 - 3].**1 December 1969:** Kenya: Karen: BMNH: 1 [1 - 1 - 1].**Total Specimens for Start, A.N.: 54**

Start, A.N. and Taylor, I.

26 August 1969: Ghana: Mole Motel: BMNH: 1 [1 - 1 - 1].

1 September 1969: Ghana: Mole Motel: BMNH: 3 [3 - 3 - 3].

Total Specimens for Start, A.N. and Taylor, I.: 4

Start, A.N. and Temple, A.M.G.

28 March 1964: Kenya: Kitale: BMNH: 1 [1 - 1 - 1].

Total Specimens for Start, A.N. and Temple, A.M.G.: 1

Start, A.N. and Watson, M.

Collection Date Unknown: Nigeria: Kaduna: BMNH: 1 [1 - 1 - 1].

21 December 1965: Nigeria: Kaduna: BMNH: 1 [1 - 1 - 1].

Total Specimens for Start, A.N. and Watson, M.: 2

Start, P.A.N.

Collection Date Unknown: Kenya: Kambiti W.H.: BMNH: 2 [2 - 2 - 2].

Total Specimens for Start, P.A.N.: 2

Steffen, J.

Collection Date Unknown: Cote D'Ivoire: Lola camp [gallery forest]: SMF: 1 [1 - 1 - 1].

Total Specimens for Steffen, J.: 1

Stegmann-Stein

Collection Date Unknown: Rwanda: Kissenji [=Gisenyi]: ZMB: 5 [5] - Mugarura: ZMB: 10 [10 - 15].

Tanzania: no specific locality: ZMB: 3 [3] - Tanganyika, lake: ZMB: 6 [6 - 9 - 24].

Total Specimens for Stegmann-Stein: 24

Steinmann

1 January 1840: The Gambia: Gambia: SMNS: 1 [1 - 1 - 1].

Total Specimens for Steinmann: 1

Stephan, Heinz

28 February 1979: Burundi: Resha: SMF: 2 [2 - 2 - 2].

1 March 1979: Burundi: Resha: SMF: 1 [1 - 1 - 1].

3 March 1979: Burundi: Resha: SMF: 1 [1 - 1 - 1].

6 March 1979: Burundi: Rutana: SMF: 1 [1 - 1 - 1].

12 March 1979: Burundi: Kayanza: SMF: 1 [1 - 1 - 1].

3 April 1979: Burundi: Resha: SMF: 2 [2 - 2 - 2].

4 April 1979: Burundi: Resha: SMF: 1 [1 - 1 - 1].

15 April 1979: Kenya: Karen [=Nairobi Fort]: SMF: 1 [1 - 1 - 1].

24 April 1979: Kenya: Diani Beach, 10 km S: SMF: 4 [4 - 4 - 4].

26 April 1979: Kenya: Bushwacker's Safari Camp: SMF: 2 [2 - 2 - 2].

3 May 1979: Kenya: Kakamega forest: SMF: 3 [3 - 3 - 3].

16 June 1979: Burundi: Resha: SMF: 1 [1 - 1 - 1].

17 January 1984: Congo (Democratic Republic of the): Irangi: SMF: 1 [1 - 1 - 1].

20 January 1984: Congo (Democratic Republic of the): Irangi: SMF: 1 [1 - 1 - 1].

31 January 1984: Congo (Democratic Republic of the): Irangi: SMF: 2 [2 - 2 - 2].

Total Specimens for Stephan, Heinz: 24

Stephen, H.

Collection Date Unknown: Burundi: Bujumbura, 7 km NW: SMF: 2 [2 - 2].

Congo (Democratic Republic of the): Irangi: SMF: 1 [1 - 1 - 3].

Total Specimens for Stephen, H.: 3

Stuedner

Collection Date Unknown: Sudan: Dongola: ZMB: 1 [1 - 1].

Tanzania: Makullo [=Makulo]: ZMB: 1 [1 - 1 - 2].

Total Specimens for Steudner: 2

Stierling

Collection Date Unknown: Tanzania: no specific locality: ZMB: 1 [1 - 1 - 1].**Total Specimens for Stierling: 1**

Stift

Collection Date Unknown: Cameroon: no specific locality: ZMB: 1 [1 - 1 - 1].**Total Specimens for Stift: 1**

Stockholm museum

Collection Date Unknown: South Africa: Interior of Caffraria: BMNH: 1 [1] - Republic of South Africa: BMNH: 1 [1 - 2 - 2].**Total Specimens for Stockholm museum: 2**

Stockley, C.H. (Maj.)

Collection Date Unknown: Kenya: Kenya, mount: BMNH: 1 [1 - 1 - 1].**Total Specimens for Stockley, C.H. (Maj.): 1**

Stopp, K. and Mumford, R.E.

Collection Date Unknown: South Africa: Natal: ROM: 1 [1 - 1 - 1].**Total Specimens for Stopp, K. and Mumford, R.E.: 1**

Strauss and West Africa Expedition

12 April 1934: Mali: Bamako: FMNH: 1 [1 - 1 - 1].**Total Specimens for Strauss and West Africa Expedition: 1**

Streeter F

22 May 1911: South Africa: Hectorspruit: TM: 1 [1 - 1 - 1].**Total Specimens for Streeter F: 1**

Streeter, D.D.

25 May 1912: Algeria: Sidi Okba: USNM: 5 [5 - 5 - 5].**Total Specimens for Streeter, D.D.: 5**

Streeter, F.

Collection Date Unknown: South Africa: Farm Duiwelskloof 376 [=Mokeetsi]: TM: 1 [1] - Farm Hectorspruit: TM: 1 [1] - Farm Nakaetsi 376: TM: 2 [2] - Hectorspruit: TM: 3 [3] - Shingwedzi camp: TM: 1 [1] - Shingwidzi Game Reserve: TM: 1 [1 - 9].

Zimbabwe: Silinda, mount: TM: 1 [1 - 1 - 10].

7 February 1910: South Africa: Hectorspruit: TM: 1 [1 - 1 - 1].**19 March 1910:** South Africa: Hectorspruit: TM: 1 [1 - 1 - 1].**19 April 1913:** South Africa: Hectorspruit: TM: 1 [1 - 1 - 1].**17 October 1913:** South Africa: Hectorspruit: TM: 1 [1 - 1 - 1].**1 June 1915:** South Africa: Malensons Shingwidzi Game Reserve: TM: 1 [1 - 1 - 1].**6 February 1919:** South Africa: Shingwidzi Game Reserve, rest camp: TM: 1 [1 - 1 - 1].**17 July 1920:** South Africa: Farm Duiwelskloof 376 [=Mokeetsi]: TM: 1 [1 - 1 - 1].**16 September 1921:** South Africa: Farm Duiwelskloof 376 [=Mokeetsi]: TM: 4 [4 - 4 - 4].**28 March 1922:** South Africa: Mokeetsi: TM: 1 [1 - 1 - 1].**Total Specimens for Streeter, F.: 22**

Streeter, J.

Collection Date Unknown: Zimbabwe: Selenda, mount: TM: 1 [1 - 1 - 1].**27 March 1908:** South Africa: Farm Hectorspruit: TM: 1 [1 - 1 - 1].**22 December 1909:** South Africa: Farm Hectorspruit: TM: 1 [1 - 1 - 1].**7 February 1911:** South Africa: Farm Hectorspruit: TM: 1 [1 - 1 - 1].

9 February 1911: South Africa: Farm Hectorspruit: TM: 4 [4 - 4 - 4].
17 September 1911: South Africa: Farm Hectorspruit: TM: 1 [1 - 1 - 1].
18 September 1911: South Africa: Farm Hectorspruit: TM: 1 [1 - 1 - 1].
15 October 1913: South Africa: Farm Hectorspruit: TM: 4 [4 - 4 - 4].
16 October 1913: South Africa: Farm Hectorspruit: TM: 1 [1 - 1 - 1].
3 May 1920: South Africa: Birthday Goldmine: TM: 1 [1 - 1 - 1].

Total Specimens for Streeter, J.: 16

Strinati, P.

17 August 1951: Algeria: Ténès: MHNG: 1 [1 - 1 - 1].

Total Specimens for Strinati, P.: 1

Strunck

Collection Date Unknown: Cameroon: no specific locality: ZMB: 1 [1] - Victoria: ZMB: 2 [2 - 3 - 3].

Total Specimens for Strunck: 3

Stuart Irwin, M.P.

16 August 1958: Zimbabwe: Ingwesi Ranch: HZM: 1 [1 - 1 - 1].

Total Specimens for Stuart Irwin, M.P.: 1

Stuart, C.T.

Collection Date Unknown: South Africa: Elim hospital: TM: 1 [1] - Levuvhu River, opposite Shilawee stream: TM: 2 [2 - 3 - 3].
4 September 1986: South Africa: Elim hospital: TM: 1 [1 - 1 - 1].

Total Specimens for Stuart, C.T.: 4

Stubblefield, L. and Howell, K.M.

10 December 1992: Tanzania: Kisiju island: SMF: 2 [2 - 2 - 2].

Total Specimens for Stubblefield, L. and Howell, K.M.: 2

Stubblefield, L.

27 February 1992: Tanzania: Mkulumuzi River Gorge, Amboni Cave Forest: SMF: 1 [1 - 1 - 1].

Total Specimens for Stubblefield, L.: 1

Stubblefield, L. (Frontier-Project)

Collection Date Unknown: Tanzania: Tong'omba Forest Reserve: SMF: 1 [1 - 1 - 1].

Total Specimens for Stubblefield, L. (Frontier-Project): 1

Stuhlmann, Franz (dr.)

Collection Date Unknown: Egypt: Cairo: ZMH: 2 [2 - 2].
 Kenya: Ushindo [=Ushingo]: ZMB: 1 [1 - 1].
 Mozambique: Quilimane: ZMH: 1 [1 - 1].
 Tanzania: Dar-es-Salaam: ZMB: 8 [8] - Morogoro: ZMB: 1 [1] - Vikindo [forest]: ZMB: 9 [9] - Zanzibar: ZMB: 2 [2 - 20].
 Unknown country: Kasaka: ZMB: 2 [2] - Kirimba: ZMB: 1 [1 - 3 - 27].

Total Specimens for Stuhlmann, Franz (dr.): 27

Styczynski

Collection Date Unknown: Congo (Democratic Republic of the): Boma: RMCA: 1 [1 - 1 - 1].

Total Specimens for Styczynski: 1

Sutton, J.

25 June 1973: Kenya: Kinna: ROM: 4 [4 - 4 - 4].
27 June 1973: Kenya: Benane: ROM: 2 [2 - 2 - 2].
28 June 1973: Kenya: Benane: ROM: 3 [3 - 3 - 3].
6 July 1973: Kenya: Magadi: ROM: 3 [3 - 3 - 3].

Total Specimens for Sutton, J.: 12

Svepel

Collection Date Unknown: Rwanda: Gakoma: ZMZ: 1 [1 - 1 - 1].
22 June 1964: Congo (Democratic Republic of the): Lwiro: ZMZ: 1 [1 - 1 - 1].
10 July 1964: Congo (Democratic Republic of the): Lwiro: ZMZ: 1 [1 - 1 - 1].
14 July 1964: Congo (Democratic Republic of the): Ibebero: ZMZ: 1 [1] - Lwiro: ZMZ: 2 [2 - 3 - 3].
15 July 1964: Congo (Democratic Republic of the): Lwiro: ZMZ: 1 [1 - 1 - 1].
17 July 1964: Congo (Democratic Republic of the): Lwiro: ZMZ: 1 [1 - 1 - 1].
20 September 1964: Rwanda: Gakoma: ZMZ: 1 [1 - 1 - 1].
21 September 1964: Rwanda: Gakoma: ZMZ: 1 [1 - 1 - 1].
27 September 1964: Rwanda: Gakoma: ZMZ: 1 [1 - 1 - 1].
28 September 1964: Rwanda: Gakoma: ZMZ: 2 [2 - 2 - 2].
4 November 1964: Rwanda: Mimuli: ZMZ: 1 [1 - 1 - 1].
5 November 1964: Rwanda: Mimuli: ZMZ: 1 [1 - 1 - 1].
6 November 1964: Rwanda: Mimuli: ZMZ: 1 [1 - 1 - 1].
10 November 1964: Rwanda: Mimuli: ZMZ: 2 [2 - 2 - 2].
27 November 1964: Congo (Democratic Republic of the): Lwiro: ZMZ: 1 [1 - 1 - 1].

Total Specimens for Svepel: 19

Swanepoel, R.

Collection Date Unknown: Congo (Democratic Republic of the): Menga: TM: 2 [2] - Mwebe bridge: TM: 2 [2 - 4 - 4].

Total Specimens for Swanepoel, R.: 4

Swanepoel, R. (Prof.)

Collection Date Unknown: Congo (Democratic Republic of the): Mwebe bridge: TM: 2 [2 - 2 - 2].
25 January 1996: Congo (Democratic Republic of the): Kikwit, Palm Plantation: TM: 3 [3 - 3 - 3].
28 January 1996: Congo (Democratic Republic of the): Kikwit, Palm Plantation: TM: 1 [1 - 1 - 1].

Total Specimens for Swanepoel, R. (Prof.): 6

Swaythling

Collection Date Unknown: Tanzania: Dar es Salaam: BMNH: 1 [1] - Morogoro: BMNH: 1 [1] - Tabora: BMNH: 1 [1 - 3 - 3].

Total Specimens for Swaythling: 3

Swin

1 April 1959: Nigeria: Sokoto: HZM: 1 [1 - 1 - 1].

Total Specimens for Swin: 1

Swinny, H.H

22 February 1908: South Africa: Ngqeleni District: TM: 1 [1 - 1 - 1].
23 February 1908: South Africa: Ngqeleni District: TM: 1 [1 - 1 - 1].

Total Specimens for Swinny, H.H: 2

Swinny, H.H.

Collection Date Unknown: South Africa: Port St. Johns: TM: 6 [6 - 6].
 Tanzania: Chuaka: BMNH: 1 [1 - 1 - 7].
20 April 1908: South Africa: Port St. Johns: TM: 1 [1 - 1 - 1].
5 March 1909: South Africa: Port St Johns: TM: 1 [1 - 1 - 1].
21 March 1909: South Africa: Port St Johns: TM: 1 [1 - 1 - 1].
5 January 1910: South Africa: Port St Johns: TM: 1 [1 - 1 - 1].
11 February 1910: South Africa: Port St Johns: TM: 1 [1 - 1 - 1].
24 March 1910: South Africa: Port St. Johns: TM: 1 [1 - 1 - 1].
26 February 1911: South Africa: Port St. Johns: TM: 1 [1 - 1 - 1].
30 April 1911: South Africa: Port St. Johns: TM: 1 [1 - 1 - 1].
12 June 1911: South Africa: Port St. Johns: TM: 2 [2 - 2 - 2].
23 June 1911: South Africa: Port St. Johns: TM: 1 [1 - 1 - 1].
27 April 1936: South Africa: Port St. Johns: TM: 1 [1 - 1 - 1].
30 April 1936: South Africa: Port St Johns: TM: 1 [1] - Port St. Johns: TM: 1 [1 - 2 - 2].

Total Specimens for Swinny, H.H.: 21

Swire, P.

Collection Date Unknown: Nigeria: Sokoto: HZM: 1 [1 - 1 - 1].
7 October 1958: Nigeria: Sokoto: HZM: 1 [1 - 1 - 1].
13 October 1958: Nigeria: Sokoto: HZM: 1 [1 - 1 - 1].

Total Specimens for Swire, P.: 3

Swynnerton, G.H.

Collection Date Unknown: Tanzania: Engaruka: SMF: 1 [1] - Nyamirembe: AMNH: 1 [1 - 2 - 2].
13 September 1948: Tanzania: Banagi: BMNH: 2 [2 - 2 - 2].
23 September 1952: Tanzania: Kilondoni: BMNH: 1 [1 - 1 - 1].
25 September 1952: Tanzania: Kilondoni: BMNH: 3 [3 - 3 - 3].
31 January 1953: Tanzania: Banagi: BMNH: 1 [1 - 1 - 1].
2 February 1953: Tanzania: Kampi Ya Mawe: BMNH: 4 [4 - 4 - 4].
16 February 1953: Tanzania: Karugu: BMNH: 4 [4 - 4 - 4].
23 March 1953: Tanzania: Tenguru: BMNH: 1 [1 - 1 - 1].

Total Specimens for Swynnerton, G.H.: 18

Swynnerton, G.H. and Brooks

27 January 1953: Tanzania: Liwale: BMNH: 1 [1 - 1 - 1].

Total Specimens for Swynnerton, G.H. and Brooks: 1

Szántó

1 July 1906: Ethiopia: Harar: NMW: 1 [1 - 1 - 1].

Total Specimens for Szántó: 1

Tait, H. (Mrs.)

Collection Date Unknown: Zambia: Kasama: NHMZ: 1 [1 - 1 - 1].

Total Specimens for Tait, H. (Mrs.): 1

Tate, George H.H.

30 June 1940: Liberia: Monrovia: AMNH: 1 [1 - 1 - 1].

Total Specimens for Tate, George H.H.: 1

Tattarsal, I.

1 November 1978: Egypt: Dandarah: AMNH: 1 [1 - 1 - 1].

Total Specimens for Tattarsal, I.: 1

Taubert and Chodat

Collection Date Unknown: Libya: Tripoli: MHNG: 1 [1 - 1 - 1].

Total Specimens for Taubert and Chodat: 1

Taufflieb, R.

Collection Date Unknown: Senegal: Senegal: MNHN: 5 [5 - 5 - 5].
1 January 1963: Central African Republic: Central African Republic: MNHN: 1 [1 - 1 - 1].
20 June 1964: Congo: Brazzaville: MHNG: 1 [1] - Loudima cave: MHNG: 2 [2 - 3 - 3].
11 November 1965: Senegal: Bandia: MHNG: 2 [2 - 2 - 2].
29 December 1965: Senegal: N'Goyé: MHNG: 1 [1 - 1 - 1].
28 April 1966: Senegal: Saboya: MHNG: 1 [1 - 1 - 1].
9 May 1966: Senegal: Saboya: MHNG: 2 [2 - 2 - 2].

Total Specimens for Taufflieb, R.: 15

Taylor, K.D.

Collection Date Unknown: Nigeria: Ibadan: BMNH: 1 [1 - 1 - 1].
17 June 1961: Nigeria: Ibadan: BMNH: 1 [1 - 1 - 1].

Total Specimens for Taylor, K.D.: 2

Taylor, Peter John (Dr.)

- Collection Date Unknown:** "Africa": Insizwe Mine: DNSM: 1 [1 - 1].
 South Africa: Durban: DNSM: 1 [1] - Garden Castle Nature Reserve: DNSM: 2 [2] - Umbogontwini Nature Reserve: DNSM: 1 [1] - Winterton: DNSM: 3 [3 - 7 - 8].
22 January 1994: South Africa: Shongweni Resources Reserve: DNSM: 3 [3 - 3 - 3].
9 October 1995: South Africa: Kumsinga Hide: DNSM: 1 [1 - 1 - 1].
24 October 1998: South Africa: Winterton: DNSM: 1 [1 - 1 - 1].

Total Specimens for Taylor, Peter John (Dr.): 13

Taylor, Peter John (Dr.) and Kearney, Teresa Catherine (Dr.)

- Collection Date Unknown:** South Africa: Eshowe, 8 Residency Road: DNSM: 1 [1] - Farm Kersefontein [=Berg River]: DNSM: 2 [2] - Jonkershoek Nature Reserve: DNSM: 4 [4] - Jozini Dam: DNSM: 2 [2] - Melmoth: DNSM: 1 [1] - Mooiplaas, SAPP: DNSM: 7 [7] - Mountain Lakes Adventure Campsite: DNSM: 4 [4] - Pietermaritzburg: DNSM: 2 [2] - Tembe Elephant Park: DNSM: 4 [4] - Umhlanga Rocks, 2 Tibia Crescent: DNSM: 4 [4 - 31 - 31].
31 August 1996: South Africa: Pongolapoort Dam [=Pongola dam], dams inspection tunnels: DNSM: 2 [2 - 2 - 2].

Total Specimens for Taylor, Peter John (Dr.) and Kearney, Teresa Catherine (Dr.): 33

Taylor, Peter John (Dr.) and Rahman

- Collection Date Unknown:** South Africa: Albert Falls Nature Reserve, Chalet 1: DNSM: 1 [1 - 1 - 1].

Total Specimens for Taylor, Peter John (Dr.) and Rahman: 1

Taylor, Peter John (Dr.) and White, Wendy

- Collection Date Unknown:** South Africa: Nkandla Forest Reserve: DNSM: 2 [2 - 2 - 2].
12 August 2003: South Africa: Mantuma Camp, camp pool: DNSM: 1 [1 - 1 - 1].

Total Specimens for Taylor, Peter John (Dr.) and White, Wendy: 3

Taylor, Peter John (Dr.) et al.

- Collection Date Unknown:** South Africa: Ghost Mountain: DNSM: 2 [2 - 2 - 2].
10 August 1995: South Africa: Bube pan: DNSM: 7 [7 - 7 - 7].
11 August 1995: South Africa: Bube pan: DNSM: 2 [2 - 2 - 2].
12 August 1995: South Africa: Bube pan: DNSM: 4 [4] - Msinga Hide: DNSM: 2 [2 - 6 - 6].
13 August 1995: South Africa: Msinga Hide: DNSM: 4 [4 - 4 - 4].
14 August 1995: South Africa: Pongolapoort Dam [=Pongola dam], dams inspection tunnels: DNSM: 11 [11 - 11 - 11].

Total Specimens for Taylor, Peter John (Dr.) et al.: 32

Taylor, Peter John (Dr.); Jacobs, David S. (Dr.); et al.

- Collection Date Unknown:** South Africa: Pongola Biosphere Reserve, Mpalane Lodge: DNSM: 5 [5] - Pongola River Bridge: DNSM: 17 [17 - 22 - 22].
7 October 1980: South Africa: Pongola River Bridge: DNSM: 1 [1 - 1 - 1].
28 November 1997: South Africa: Pongolapoort Dam [=Pongola dam], dams inspection tunnels: DNSM: 7 [7 - 7 - 7].

Total Specimens for Taylor, Peter John (Dr.); Jacobs, David S. (Dr.); et al.: 30

Taylor, Peter John (Dr.); Kearney, Teresa Catherine (Dr.) and Mari

- Collection Date Unknown:** South Africa: Bonamanzi Game Reserve: DNSM: 11 [11] - Mission Rocks: DNSM: 3 [3] - St. Lucia, Eastern Shores: DNSM: 4 [4 - 18 - 18].

Total Specimens for Taylor, Peter John (Dr.); Kearney, Teresa Catherine (Dr.) and Mari: 18

Taylor, R.H.

- Collection Date Unknown:** Tanzania: Ambani caves: TM: 3 [3 - 3 - 3].
18 November 1961: Zambia: Sikongo: FMNH: 1 [1 - 1 - 1].
5 December 1961: Zambia: Sihole: FMNH: 1 [1 - 1 - 1].
4 April 1965: Tanzania: Amani: TM: 1 [1 - 1 - 1].

Total Specimens for Taylor, R.H.: 6

Tembo, I.

Collection Date Unknown: South Africa: Langebaanweg, Chemfos mine: SAMC: 1 [1 - 1 - 1].

Total Specimens for Tembo, I.: 1

Terlingen, Robert

Collection Date Unknown: South Africa: Bryanston, 883 Lowndees Road: TM: 1 [1 - 1 - 1].

Total Specimens for Terlingen, Robert: 1

Tessmann

Collection Date Unknown: Cameroon: Bafia area: ZMB: 1 [1] - Bebai: ZMB: 2 [2] - Bosum [syn Bozum], Uam: ZMB: 8 [8 - 11].

Equatorial Guinea: Nkolentangan: ZMB: 2 [2 - 2].

Ghana: Kojali Bach: ZMB: 1 [1 - 1 - 14].

Total Specimens for Tessmann: 14

The Mines, L. and Smith, D.

Collection Date Unknown: South Africa: Pretoria: TM: 1 [1 - 1 - 1].

Total Specimens for The Mines, L. and Smith, D.: 1

Thellon, M.

Collection Date Unknown: "Congo": : MNHN: 2 [2 - 2 - 2].

Total Specimens for Thellon, M.: 2

Théoneste

7 February 1985: Rwanda: Gafumba: RMCA: 1 [1 - 1 - 1].

Total Specimens for Théoneste: 1

Thierry

Collection Date Unknown: Congo (Democratic Republic of the): Gandu: ZMB: 1 [1 - 1].

Togo: Mango [=Sansanné-Mango]: ZMB: 2 [2 - 2 - 3].

Total Specimens for Thierry: 3

Thollon, Mr.

Collection Date Unknown: Congo: Congo [Brazzaville]: MNHN: 1 [1 - 1 - 1].

Total Specimens for Thollon, Mr.: 1

Thomas

Collection Date Unknown: Kenya: Takaungu: ZMB: 6 [6 - 6 - 6].

21 August 1979: Cote D'Ivoire: Foro Foro: HZM: 2 [2 - 2 - 2].

Total Specimens for Thomas: 8

Thomas, Dr. Felix

23 April 1903: Kenya: Nairobi: NMW: 1 [1 - 1 - 1].

Total Specimens for Thomas, Dr. Felix: 1

Thys Van den Audenaerde, Dirk

15 November 1964: Gabon: Lambaréné: RMCA: 2 [2 - 2 - 2].

Total Specimens for Thys Van den Audenaerde, Dirk: 2

Thys Van den Audenaerde, Dirk and Verheyen, Walter N.

Collection Date Unknown: Cote D'Ivoire: Flampleu: RMCA: 2 [2 - 2 - 2].

16 July 1966: Côte d'Ivoire: Adiopodoumé: RMCA: 1 [1 - 1 - 1].

25 July 1966: Cote D'Ivoire: Flampleu: RMCA: 1 [1 - 1 - 1].

2 August 1966: Cote D'Ivoire: Saibly: RMCA: 1 [1] - Toyebli: RMCA: 1 [1 - 2 - 2].

3 August 1966: Cote D'Ivoire: Toyebli: RMCA: 2 [2 - 2].

Côte d'Ivoire: Adiopodoumé: RMCA: 1 [1 - 1 - 3].

24 August 1966: Cote D'Ivoire: Doropo: RMCA: 1 [1 - 1 - 1].

Total Specimens for Thys Van den Audenaerde, Dirk and Verheyen, Walter N.: 10

Tibesti Expedition

Collection Date Unknown: Chad: Tibesti: RMCA: 2 [2 - 2 - 2].

Total Specimens for Tibesti Expedition: 2

Tiessler

Collection Date Unknown: Unkown country: Chifumbaze: ZMB: 3 [3 - 3 - 3].

Total Specimens for Tiessler: 3

Timmins, R.J.

11 August 1990: Ethiopia: Kulfo river: HZM: 1 [1 - 1 - 1].

Total Specimens for Timmins, R.J.: 1

Tinant, Mme

Collection Date Unknown: Congo (Democratic Republic of the): Leverville: RMCA: 1 [1 - 1 - 1].

Total Specimens for Tinant, Mme: 1

TM Expedition

Collection Date Unknown: Zimbabwe: Chirinda forest: TM: 1 [1] - Rusito Forest: TM: 2 [2 - 3 - 3].

Total Specimens for TM Expedition: 3

Tomes Collection

Collection Date Unknown: "Africa": Unknown locality: BMNH: 1 [1 - 1].

The Gambia: Gambia: BMNH: 2 [2 - 2 - 3].

Total Specimens for Tomes Collection: 3

Tomkinson, T.

15 December 1983: South Africa: Mkuzi Game Reserve: TM: 1 [1 - 1 - 1].

Total Specimens for Tomkinson, T.: 1

Tose, Frank

6 September 1930: Zambia: Chambezi: CAS: 2 [2 - 2 - 2].

Total Specimens for Tose, Frank: 2

Toulson, Museum Bocage

Collection Date Unknown: Angola: no specific locality: ZMB: 1 [1 - 1 - 1].

Total Specimens for Toulson, Museum Bocage: 1

Tousseau, dr.

Collection Date Unknown: Djibouti: Obock: MNHN: 3 [3 - 3 - 3].

Total Specimens for Tousseau, dr.: 3

TPA

18 June 1989: South Africa: Hans Merensky Nature Reserve: TM: 4 [4 - 4 - 4].

Total Specimens for TPA: 4

TPA Nature Conservation

Collection Date Unknown: South Africa: Boskop Dam Nature Reserve: TM: 2 [2] - Shashi-Limpopo River confluence: TM: 2 [2 - 4 - 4].

Total Specimens for TPA Nature Conservation: 4

Tr. z. U., Mr. Ad.

Collection Date Unknown: Congo (Democratic Republic of the): Duma: ZMH: 2 [2 - 2 - 2].

Total Specimens for Tr. z. U., Mr. Ad.: 2

Tranier, Michel et al.

12 February 1994: Mali: Samaye: MNHN: 1 [1 - 1 - 1].

Total Specimens for Tranier, Michel et al.: 1

Transvaal Museum

7 June 1973: South Africa: Transvaal Museum workshop: TM: 1 [1 - 1 - 1].

Total Specimens for Transvaal Museum: 1

Transvaal Museum Expedition

Collection Date Unknown: South Africa: Farm Secheili's Oude Stad 6: TM: 1 [1 - 1].

Zimbabwe: Chikupo Caves: TM: 1 [1] - Zimbabwe ruins: TM: 1 [1 - 2 - 3].

7 October 1981: Zimbabwe: Umtali mine adit [=Umtali Old mine]: TM: 26 [26 - 26 - 26].

17 October 1981: Zimbabwe: Umtali mine adit [=Umtali Old mine]: TM: 4 [4 - 4 - 4].

17 November 1981: Zimbabwe: Umtali mine adit [=Umtali Old mine]: TM: 8 [8 - 8 - 8].

Total Specimens for Transvaal Museum Expedition: 41

Traub and Ash, J.S.

Collection Date Unknown: Ethiopia: Koka: CM: 5 [5 - 5 - 5].

24 February 1973: Ethiopia: Koka: CM: 1 [1 - 1 - 1].

25 February 1973: Ethiopia: Koka: CM: 1 [1 - 1 - 1].

Total Specimens for Traub and Ash, J.S.: 7

Traylor, M.A.

Collection Date Unknown: Zambia: Lueti River, S: FMNH: 1 [1] - Sihole: FMNH: 3 [3] - Sikongo: FMNH: 2 [2 - 6 - 6].

Total Specimens for Traylor, M.A.: 6

Tree, A.J.

Collection Date Unknown: Zambia: Kafue River: FMNH: 1, NHMZ: 4 [5] - Lochinvar Ranch: NHMZ: 2 [2] - Mindolo dam:

NHMZ: 2 [2] - Mkwisi: NHMZ: 3 [3] - Mwekera: NHMZ: 2 [2] - Pwira Pan: BMNH: 1, NHMZ: 4 [5] - Wusikili Bridge:

NHMZ: 1 [1] - XXX: NHMZ: 1 [1 - 21 - 21].

2 September 1962: Zambia: Nkane-Kitwe: NHMZ: 1 [1 - 1 - 1].

17 August 1963: Zambia: Pwira Pan: BMNH: 1 [1 - 1 - 1].

25 August 1963: Zambia: Machiya ferry: BMNH: 1 [1 - 1 - 1].

Total Specimens for Tree, A.J.: 24

Trevor-Roper, G.D.

Collection Date Unknown: Kenya: Kilifi: BMNH: 1 [1 - 1 - 1].

Total Specimens for Trevor-Roper, G.D.: 1

Tribe, A.R.

Collection Date Unknown: Somalia: Dowa: BMNH: 1 [1 - 1 - 1].

Total Specimens for Tribe, A.R.: 1

Tristram, H.B.J. (Rév.)

Collection Date Unknown: Egypt: Jabal Musa: BMNH: 1 [1 - 1 - 1].

Total Specimens for Tristram, H.B.J. (Rév.): 1

Trujillo, Domingo

1 September 1987: Canary Islands [Spain]: La Guancha, "Barranco de La Cantera": MNHN: 1 [1 - 1 - 1].

Total Specimens for Trujillo, Domingo: 1

Tucker, Mr. J.J.

19 January 1973: Zambia: Kabulonga: HZM: 1 [1 - 1 - 1].

Total Specimens for Tucker, Mr. J.J.: 1

Turco, Dr.

1 January 1950: Congo (Democratic Republic of the): Kere Kere: RMCA: 2 [2 - 2 - 2].

Total Specimens for Turco, Dr.: 2

Turnbull, J.K.

29 December 1932: South Africa: Kaggasmoudt: NM: 1 [1 - 1 - 1].

Total Specimens for Turnbull, J.K.: 1

Turner, A.

Collection Date Unknown: Kenya: Yala river: NRM: 1 [1 - 1 - 1].

5 October 1915: Kenya: Yale River: NMK: 2 [2 - 2 - 2].

20 October 1915: Kenya: Yale River: NMK: 3 [3 - 3 - 3].

9 November 1915: Kenya: Yala river: NRM: 1 [1 - 1 - 1].

10 November 1915: Kenya: Yala river: NRM: 3 [3 - 3 - 3].

11 November 1915: Kenya: Yala river: NRM: 1 [1 - 1 - 1].

12 November 1915: Kenya: Yala river: NRM: 1 [1 - 1 - 1].

13 November 1915: Kenya: Yala river: NRM: 4 [4 - 4 - 4].

19 November 1915: Kenya: Yala river: NRM: 2 [2 - 2 - 2].

30 November 1915: Kenya: Yala river: NRM: 1 [1 - 1 - 1].

Total Specimens for Turner, A.: 19

Turner, H.J.A.

9 November 1913: Kenya: Yala river: BMNH: 1 [1 - 1 - 1].

13 November 1913: Kenya: Yala river: USNM: 1 [1 - 1 - 1].

18 November 1913: Kenya: Yala river: USNM: 1 [1 - 1 - 1].

20 November 1913: Kenya: Yala river: USNM: 1 [1 - 1 - 1].

Total Specimens for Turner, H.J.A.: 4

Twomey, A.C.

Collection Date Unknown: Kenya: Karibiti: CM: 3 [3] - Shimoni: CM: 1 [1 - 4 - 4].

23 July 1960: Uganda: Bwamba Forest: CM: 2 [2 - 2 - 2].

15 September 1960: Tanzania: Morogoro, 20 mi N: CM: 1 [1 - 1 - 1].

Total Specimens for Twomey, A.C.: 7

Uhlenhuth

Collection Date Unknown: Ethiopia: Dire Dawa: ZMB: 2 [2 - 2 - 2].

Total Specimens for Uhlenhuth: 2

Uhlenruth

16 April 1936: Ethiopia: Dire Daoua [=Dire Dawa]: RMCA: 1 [1 - 1 - 1].

6 June 1936: Ethiopia: Dire Daoua [=Dire Dawa]: RMCA: 1 [1 - 1 - 1].

Total Specimens for Uhlenruth: 2

Umlauff

Collection Date Unknown: Gabon: no specific locality: ZMB: 1 [1 - 1 - 1].

Total Specimens for Umlauff: 1

Unger

Collection Date Unknown: Ghana: Accra: ZMB: 6 [6 - 6 - 6].

Total Specimens for Unger: 6

University of Cape Town

5 August 1966: South Africa: Wynberg cave: SAMC: 1 [1 - 1 - 1].

Total Specimens for University of Cape Town: 1

University Venda Staff

Collection Date Unknown: South Africa: Huhea cave: TM: 3 [3 - 3 - 3].

Total Specimens for University Venda Staff: 3

Uys, J.M.C.

Collection Date Unknown: Zambia: Kaungashi stream, source of: BMNH: 1 [1 - 1 - 1].

Total Specimens for Uys, J.M.C.: 1

Uys, K.

Collection Date Unknown: South Africa: Cape Vidal: DNSM: 2 [2 - 2 - 2].

Total Specimens for Uys, K.: 2

Uys, P.J.

6 April 1973: South Africa: Farm Bordeaux: TM: 1 [1 - 1 - 1].

8 April 1973: South Africa: Bordeaux Farm: TM: 1 [1] - Farm Bordeaux: TM: 3 [3 - 4 - 4].

Total Specimens for Uys, P.J.: 5

v. Heuglin

Collection Date Unknown: Ethiopia: Adowa: SMNS: 1 [1 - 1 - 1].

Total Specimens for v. Heuglin: 1

V.L.K.E.

Collection Date Unknown: Botswana: Maun: TM: 2 [2 - 2 - 2].

Total Specimens for V.L.K.E.: 2

Vaden, R.E.

Collection Date Unknown: Burkina Faso: Azly: USNM: 1 [1] - Boussouma, 5 km N: USNM: 2 [2] - Cella, 1 km N: USNM: 2 [2] - Founzan: USNM: 9 [9] - Koutoura, 5 km SW: USNM: 5 [5] - Natiaboani: USNM: 2 [2] - Ouagadougou: USNM: 7 [7] - Ougarou: USNM: 7 [7 - 35].

Morocco: Chichaoua: USNM: 7 [7 - 7 - 42].

25 January 1968: Burkina Faso: Tatarko: USNM: 1 [1 - 1 - 1].

24 September 1968: Ghana: Legon [Botanical Garden]: USNM: 1 [1 - 1 - 1].

1 October 1968: Ghana: Legon [Botanical Garden]: USNM: 3 [3 - 3 - 3].

9 November 1968: Burkina Faso: Nobéré, 9 mi S: USNM: 2 [2 - 2 - 2].

10 November 1968: Burkina Faso: Nobéré, 9 mi S: USNM: 2 [2 - 2 - 2].

14 November 1968: Burkina Faso: Arly National Park: USNM: 39 [39 - 39 - 39].

18 November 1968: Burkina Faso: Goden: USNM: 30 [30 - 30 - 30].

19 November 1968: Burkina Faso: Goden: USNM: 5 [5 - 5 - 5].

10 December 1968: Burkina Faso: Natiaboani: USNM: 20 [20 - 20 - 20].

11 December 1968: Burkina Faso: Natiaboani: USNM: 31 [31 - 31 - 31].

12 December 1968: Burkina Faso: Natiaboani: USNM: 67 [67 - 67 - 67].

25 January 1969: Burkina Faso: Tatarko: USNM: 15 [15 - 15 - 15].

26 January 1969: Burkina Faso: Tatarko: USNM: 1 [1 - 1 - 1].

10 February 1969: Burkina Faso: Gorgadji, 17 km E: USNM: 1 [1 - 1 - 1].

22 February 1969: Burkina Faso: Dio: USNM: 9 [9 - 9 - 9].
2 March 1969: Burkina Faso: Barga, 9 km NE: USNM: 1 [1 - 1 - 1].
17 March 1969: Burkina Faso: Nayouré: USNM: 1 [1] - Nayouré, 3 km SE: USNM: 31 [31 - 32 - 32].
23 March 1969: Burkina Faso: Ouagarou: USNM: 1 [1 - 1 - 1].
27 April 1969: Burkina Faso: Ouagadougou: USNM: 1 [1 - 1 - 1].
3 May 1969: Burkina Faso: Oulo: USNM: 71 [71 - 71 - 71].
4 May 1969: Burkina Faso: Oulo: USNM: 30 [30 - 30 - 30].
6 May 1969: Burkina Faso: Konankira: USNM: 22 [22] - Oulo: USNM: 1 [1 - 23 - 23].
12 May 1969: Burkina Faso: Founzan: USNM: 1 [1 - 1 - 1].
14 May 1969: Burkina Faso: Founzan: USNM: 41 [41 - 41 - 41].
17 May 1969: Burkina Faso: Founzan: USNM: 5 [5 - 5 - 5].
18 June 1969: Burkina Faso: Orodara, 27 km ENE: USNM: 6 [6 - 6 - 6].
19 June 1969: Burkina Faso: Orodara, 27 km ENE: USNM: 9 [9 - 9 - 9].
22 June 1969: Burkina Faso: Koutoura, 5 km SW: USNM: 15 [15 - 15 - 15].
29 June 1969: Burkina Faso: Sideradougou: USNM: 10 [10 - 10 - 10].
30 June 1969: Burkina Faso: Sideradougou: USNM: 4 [4 - 4 - 4].
8 July 1969: Burkina Faso: Djipologo: USNM: 19 [19 - 19 - 19].
9 July 1969: Burkina Faso: Djipologo: USNM: 5 [5 - 5 - 5].
13 April 1970: Morocco: Chichaoua, 20 km S: USNM: 6 [6 - 6 - 6].
9 May 1970: Morocco: Taouate, 15 km WSW: USNM: 4 [4 - 4 - 4].
11 May 1970: Morocco: Taouate, 15 km WSW: USNM: 4 [4 - 4 - 4].
12 May 1970: Morocco: Taouate, 15 km WSW: USNM: 1 [1 - 1 - 1].
24 May 1970: Morocco: Nador, 20 km SE: USNM: 1 [1 - 1 - 1].

Total Specimens for Vaden, R.E.: 559

Van Barneveld, H.W.P.

Collection Date Unknown: Tanzania: Bagamoyo: RMNH: 21 [21 - 21 - 21].
10 April 1957: Tanzania: Bagamoyo: RMNH: 1 [1 - 1 - 1].
6 December 1959: Tanzania: Bagamoyo: RMNH: 1 [1 - 1 - 1].
1 June 1960: Tanzania: Bagamoyo: RMNH: 2 [2 - 2 - 2].

Total Specimens for Van Barneveld, H.W.P.: 25

Van Boven, R.P.

7 February 1942: Congo (Democratic Republic of the): Yangambi: RMCA: 1 [1 - 1 - 1].

Total Specimens for Van Boven, R.P.: 1

Van Bree, P.J.H.

23 December 1963: Gabon: Makokou: ZMA: 2 [2 - 2 - 2].
27 October 1964: Gabon: Bélinga: ZMA: 2 [2 - 2 - 2].

Total Specimens for Van Bree, P.J.H.: 4

van Dam, G.P.

Collection Date Unknown: Mozambique: unspecified locality: TM: 1 [1 - 1].
 South Africa: Gravelotte mines: TM: 1 [1] - Leydsdorp, unspecified location: TM: 3 [3 - 4 - 5].
2 February 1917: South Africa: Bleskop: TM: 1 [1 - 1 - 1].
23 July 1921: South Africa: Rosslyn: TM: 1 [1 - 1 - 1].
18 October 1922: South Africa: Barberton [=Umhlumna]: TM: 1 [1 - 1 - 1].
4 April 1924: South Africa: Gravelotte mines: TM: 4 [4 - 4 - 4].
5 April 1924: South Africa: Gravelotte mines: TM: 3 [3 - 3 - 3].
8 February 1927: South Africa: Leydsdorp: TM: 1 [1 - 1 - 1].

Total Specimens for van Dam, G.P.: 16

Van de Kellen, P.J.

Collection Date Unknown: Angola: Otjipomenima: RMNH: 1 [1 - 1 - 1].

Total Specimens for Van de Kellen, P.J.: 1

van den Decken

Collection Date Unknown: "Africa": Eastern Africa: ZMB: 1 [1 - 1].
 Tanzania: Zanzibar: ZMB: 7 [7 - 7].
 Unknown country: Angasilha [=?Angaziga]: ZMB: 2 [2 - 2 - 10].

Total Specimens for van den Decken: 10

van der Merwe, G.

Collection Date Unknown: Namibia: Halali Camp: TM: 2 [2 - 2 - 2].

Total Specimens for van der Merwe, G.: 2

van der Merwe, J.

Collection Date Unknown: South Africa: Blyde River Canyon [=Blyderivier Blyderivierspoort] Nature Reserve: TM: 1 [1] - Blyde River Canyon [=Blyderivier, Blyderivierspoort] Nature Reserve: TM: 1 [1] - Blyde River Canyon [=Blyderivier, Blyderivierspoort] Nature Reserve, Farm Bourkes Luck 454 [=Bourkes Luck Potholes]: TM: 4 [4] - Blyde River Canyon [=Blyderivier, Blyderivierspoort] Nature Reserve, Farm Chester 235, dam on Blyde River: TM: 1 [1 - 7 - 7].

Total Specimens for van der Merwe, J.: 7

van der Merwe, J. and Bronner, Gary Neil (dr.)

Collection Date Unknown: South Africa: Blyde River Canyon [=Blyderivier, Blyderivierspoort] Nature Reserve, Farm Bourkes Luck 454 [=Bourkes Luck Potholes]: TM: 4 [4 - 4 - 4].

Total Specimens for van der Merwe, J. and Bronner, Gary Neil (dr.): 4

van der Merwe, Mac. (Dr.)

Collection Date Unknown: South Africa: Farm Hartebeesthoek: TM: 6 [6 - 6 - 6].
29 April 1968: Zimbabwe: Umtali mine adit [=Umtali Old mine]: TM: 1 [1 - 1 - 1].
2 December 1987: South Africa: Waterberg, Farm Klipfontein 54JS: TM: 16 [16 - 16 - 16].
7 January 1988: South Africa: Waterberg, Farm Klipfontein 54JS: TM: 24 [24 - 24 - 24].
27 January 1988: South Africa: Waterberg, Farm Klipfontein 54JS: TM: 6 [6 - 6 - 6].
27 May 1988: South Africa: Irene cave: TM: 5 [5 - 5 - 5].
5 July 1988: South Africa: John Nash Nature Reserve [=Jack Scott Private Nature Reserve], American cave: TM: 3 [3 - 3 - 3].
6 July 1988: South Africa: John Nash Nature Reserve [=Jack Scott Private Nature Reserve], American cave: TM: 3 [3 - 3 - 3].
2 November 1988: South Africa: Waterberg, Farm Klipfontein 54JS: TM: 14 [14 - 14 - 14].
13 April 1989: South Africa: Irene cave: TM: 1 [1 - 1 - 1].
28 September 1989: South Africa: Waterberg, Farm Klipfontein 54JS: TM: 47 [47 - 47 - 47].

Total Specimens for van der Merwe, Mac. (Dr.): 126

van der Merwe, Mac. (Dr.) and Jones, E.M.

27 January 1988: South Africa: Waterberg, Farm Klipfontein 54JS: TM: 1 [1 - 1 - 1].
28 January 1988: South Africa: Waterberg, Farm Klipfontein 54JS: TM: 2 [2 - 2 - 2].

Total Specimens for van der Merwe, Mac. (Dr.) and Jones, E.M.: 3

van der Westhuizen, P.

3 February 1982: South Africa: Hester Malan Nature Reserve: TM: 1 [1 - 1 - 1].

Total Specimens for van der Westhuizen, P.: 1

Van Gelder, R.G.

14 October 1970: Namibia: Rehderstal ranch: AMNH: 2 [2 - 2 - 2].

Total Specimens for Van Gelder, R.G.: 2

van Hoepen (Dr.)

24 November 1921: South Africa: John Nash Nature Reserve [=Jack Scott Private Nature Reserve], American cave: TM: 2 [2 - 2 - 2].

Total Specimens for van Hoepen (Dr.): 2

Van Noten, F.

26 June 1964: Zambia: Lochinvar ranch: RMCA: 1 [1 - 1 - 1].

Total Specimens for Van Noten, F.: 1

Van Parreyss

Collection Date Unknown: Sudan: Sennaar: NMW: 1 [1 - 1 - 1].

Total Specimens for Van Parreyss: 1

van Rhyn, J.

4 November 1987: South Africa: Nelspruit: TM: 1 [1 - 1 - 1].**Total Specimens for van Rhyn, J.: 1**

Van Saughem

Collection Date Unknown: Rwanda: Kisenyi [=Gisenyi]: RMCA: 1 [1 - 1 - 1].**Total Specimens for Van Saughem: 1**

van Son, G.

Collection Date Unknown: South Africa: Farm Uitkyk: TM: 13 [13 - 13 - 13].**5 April 1924:** South Africa: Gravelotte mines: TM: 1 [1 - 1 - 1].**6 January 1933:** South Africa: Mogale City [=Krugersdorp]: TM: 1 [1 - 1 - 1].**7 January 1933:** South Africa: Mogale City [=Krugersdorp]: TM: 2 [2 - 2 - 2].**30 January 1933:** South Africa: Mogale City [=Krugersdorp]: TM: 1 [1 - 1 - 1].**Total Specimens for van Son, G.: 18**

Van Strien, N.J.

19 May 1988: Malawi: Lifupa Camp: ZMA: 1 [1 - 1 - 1].**Total Specimens for Van Strien, N.J.: 1**

Van Strien, Nico, J.

19 May 1988: Malawi: Lifupa Camp: ZMA: 1 [1 - 1 - 1].**Total Specimens for Van Strien, Nico, J.: 1**

Van Woensel, R.P.

18 April 1946: Congo (Democratic Republic of the): Zobia: KBIN: 1 [1 - 1 - 1].**Total Specimens for Van Woensel, R.P.: 1**

Vandeventer, W.

Collection Date Unknown: South Africa: King Williamstown: CM: 1 [1 - 1 - 1].**Total Specimens for Vandeventer, W.: 1**

Varty, N.

Collection Date Unknown: Somalia: Shoonto forest: BMNH: 1 [1 - 1 - 1].**Total Specimens for Varty, N.: 1**

vd. Linde, J.A.

Collection Date Unknown: South Africa: Brandfort: TM: 1 [1 - 1 - 1].**Total Specimens for vd. Linde, J.A.: 1**

Venter (Mr.)

Collection Date Unknown: South Africa: Hennops river: TM: 1 [1 - 1 - 1].**Total Specimens for Venter (Mr.): 1**

Venter, J.

Collection Date Unknown: South Africa: Waterberg, Vaalwater: TM: 1 [1 - 1 - 1].**Total Specimens for Venter, J.: 1**

Verheyden, Mme and Fairon, Jacques

9 November 1970: Algeria: Hassi Kalifa: KBIN: 1 [1 - 1 - 1].

Total Specimens for Verheyden, Mme and Fairon, Jacques: 1

Verheyden, Walter N. and ABOS_Tanzania Belgian Rodent Project - Belgian Coop.

5 July 1987: Tanzania: Mnara: RMCA: 37 [37 - 37 - 37].

Total Specimens for Verheyden, Walter N. and ABOS_Tanzania Belgian Rodent Project - Belgian Coop.: 37

Verlaine

Collection Date Unknown: Congo (Democratic Republic of the): : RMCA: 1 [1 - 1 - 1].

Total Specimens for Verlaine: 1

Vernay Expedition and Lang, Herbert

Collection Date Unknown: Botswana: Goho Hills: TM: 1 [1 - 1].

Namibia: Gemsbok Pan: TM: 1 [1 - 1 - 2].

5 May 1930: Botswana: Maun: FMNH: 1 [1 - 1 - 1].

23 May 1930: Botswana: Maun: FMNH: 1 [1 - 1 - 1].

28 May 1930: Botswana: Maun: FMNH: 2 [2 - 2 - 2].

29 May 1930: Botswana: Maun: FMNH: 3 [3 - 3 - 3].

31 May 1930: Botswana: Maun: FMNH: 2 [2 - 2 - 2].

4 June 1930: Botswana: Mababe Flats: FMNH: 1 [1] - Maun: FMNH: 1 [1 - 2 - 2].

7 June 1930: Botswana: Zweizwe Waterhole: FMNH: 1 [1 - 1 - 1].

15 July 1930: Unknown Country: Goho Hills: TM: 1 [1 - 1 - 1].

1 August 1930: Botswana: N'kata: FMNH: 1 [1 - 1 - 1].

Total Specimens for Vernay Expedition and Lang, Herbert: 16

Vernay Kalahari expedition and Lang, Herbert

28 May 1930: Botswana: Maun: TM: 1 [1 - 1 - 1].

30 May 1930: Botswana: Maun: AMNH: 1 [1 - 1 - 1].

4 June 1930: Botswana: Maun: TM: 1 [1 - 1 - 1].

Total Specimens for Vernay Kalahari expedition and Lang, Herbert: 3

Vernay, Arthur S.

Collection Date Unknown: Angola: Chitau: AMNH: 14 [14] - Dando, 35 km E: AMNH: 1 [1 - 15 - 15].

Total Specimens for Vernay, Arthur S.: 15

Vernay-Lang Kalahari Exped.

29 March 1930: Botswana: Kuke pan: TM: 1 [1 - 1 - 1].

7 June 1930: Botswana: Zweizwi River Waterhole: TM: 1 [1 - 1].

South Africa: Umfolozi Game Reserve: TM: 1 [1 - 1 - 2].

18 June 1930: Botswana: Tsotsoroga Pan: TM: 1 [1 - 1 - 1].

19 June 1930: Botswana: Tsotsoroga Pan: TM: 1 [1 - 1 - 1].

Total Specimens for Vernay-Lang Kalahari Exped.: 5

Vernay-Lang Kalahari Expedition 1930

29 May 1930: Botswana: Maun: TM: 1 [1 - 1 - 1].

7 June 1930: Botswana: Zweizwi River Waterhole: TM: 1 [1 - 1 - 1].

19 June 1930: Botswana: Tsotsoroga Pan: TM: 1 [1 - 1 - 1].

29 June 1930: Botswana: Tsotsoroga Pan: TM: 1 [1 - 1 - 1].

16 August 1930: Botswana: Nekate [= Nekati]: TM: 1 [1 - 1 - 1].

Total Specimens for Vernay-Lang Kalahari Expedition 1930: 5

Veronese, C.

25 January 1965: Togo: Adina: RMCA: 1 [1 - 1 - 1].

25 January 1966: Togo: Adina: RMCA: 1 [1 - 1 - 1].

25 January 1967: Togo: Adina: RMCA: 2 [2 - 2 - 2].

Total Specimens for Veronese, C.: 4

Verreaux

Collection Date Unknown: Algeria: Algiers: ZMB: 2 [2] - no specific locality: ZMB: 1 [1 - 3].
Réunion: Bourbon [=Réunion]: ZMB: 2 [2 - 2].
Sudan: Nubia: ZMB: 1 [1 - 1 - 6].

Total Specimens for Verreaux: 6

Verreaux, J.P.

Collection Date Unknown: "Africa": Northern Africa: AMNH: 1 [1 - 1].
Ethiopia: Abyssinia: BMNH: 1 [1 - 1].
South Africa: "Cape of Good Hope" [=syn. "Kaap Goede Hoop"]: MNHN: 4 [4 - 4 - 6].

Total Specimens for Verreaux, J.P.: 6

Verroux, W.

Collection Date Unknown: South Africa: unknown locality: SMF: 1 [1 - 1 - 1].

Total Specimens for Verroux, W.: 1

Verschuren, Jacques

Collection Date Unknown: Burundi: Bujumbura: KBIN: 2 [2 - 2].
Congo (Democratic Republic of the): Albert Park: KBIN: 41 [41] - Fataki area: KBIN: 1 [1 - 42].
Rwanda: Akagera Park: KBIN: 10 [10 - 10].
Senegal: Missirah Saloum: KBIN: 22 [22 - 22 - 76].
18 December 1965: Liberia: Ghapa: KBIN: 1 [1 - 1 - 1].
2 March 1966: Liberia: Nimba, mount: KBIN: 1 [1 - 1 - 1].
29 July 1976: Burundi: Bweru: KBIN: 1 [1 - 1 - 1].

Total Specimens for Verschuren, Jacques: 79

Vesey-FitzGerald, L.D.E.F. (Col.)

Collection Date Unknown: Zambia: Mweru Wantipa: HZM: 1 [1 - 1 - 1].
20 February 1950: Mozambique: Milepa: BMNH: 1 [1 - 1 - 1].
5 January 1953: Zambia: Abercorn: HZM: 1 [1 - 1 - 1].
16 April 1954: Tanzania: Rukwa: HZM: 1 [1 - 1 - 1].
24 April 1954: Zambia: Abercorn: HZM: 1 [1 - 1 - 1].
18 December 1957: Zambia: Abercorn: HZM: 1 [1 - 1 - 1].
29 January 1958: Zambia: Mbesuma: HZM: 1 [1 - 1 - 1].
31 January 1958: Zambia: Mbesuma: HZM: 1 [1 - 1 - 1].
25 April 1958: Tanzania: Kafukola: HZM: 1 [1 - 1 - 1].
14 November 1958: Zambia: Abercorn: HZM: 1 [1 - 1 - 1].
1 December 1958: Zambia: Abercorn: HZM: 1 [1 - 1 - 1].
6 April 1964: Zambia: Abercorn: BMNH: 1 [1 - 1 - 1].
11 October 1968: Tanzania: Meru, mount: BMNH: 2 [2 - 2 - 2].

Total Specimens for Vesey-FitzGerald, L.D.E.F. (Col.): 14

Veterinary Research Lab

Collection Date Unknown: South Africa: Onderstepoort: TM: 1 [1 - 1 - 1].

Total Specimens for Veterinary Research Lab: 1

Vickers, H.

Collection Date Unknown: South Africa: Mount Moreland, 12 Williams Road: DNSM: 1 [1 - 1 - 1].

Total Specimens for Vickers, H.: 1

Vielliard, J.

Collection Date Unknown: Chad: Djiboulboul: MHNG: 3 [3 - 3 - 3].
10 January 1970: Chad: Djiboulboul: MHNG: 2 [2 - 2 - 2].
11 February 1970: Chad: Léré: MHNG: 2 [2 - 2 - 2].
3 March 1970: Chad: Djiboulboul: MHNG: 3 [3 - 3 - 3].
18 March 1970: Chad: Irtou: MHNG: 1 [1 - 1 - 1].
25 March 1970: Chad: Maïlao [3 locs]: MHNG: 1 [1 - 1 - 1].
31 May 1970: Nigeria: Baga-Kawa: MHNG: 1 [1 - 1 - 1].
26 July 1970: Chad: Fort Archambault: MHNG: 1 [1 - 1 - 1].

Total Specimens for Vielliard, J.: 14

Viereck, A.

Collection Date Unknown: Namibia: Neuhof-Kowas Farm: SMF: 2 [2 - 2 - 2].**Total Specimens for Viereck, A.: 2**

Vierhaus, H.

12 August 1992: Guinea: Guinée Forestière, border of "Réserve de la Biosphère du Massif du Ziama": ZFMK: 1 [1 - 1 - 1].**Total Specimens for Vierhaus, H.: 1**

Villiers, A.

16 April 1954: Guinea: Dalaba [Grotte du Marché]: MHNG: 1 [1 - 1 - 1].**Total Specimens for Villiers, A.: 1**

Vinter, H.

Collection Date Unknown: South Africa: Levuvhu River: TM: 1 [1 - 1 - 1].**Total Specimens for Vinter, H.: 1**

Vissault

Collection Date Unknown: Cote D'Ivoire: Adiopodoumé: ZMB: 1 [1 - 1 - 1].**Total Specimens for Vissault: 1**

Visser, David

Collection Date Unknown: South Africa: Nwanedi: TM: 6 [6 - 6 - 6].**Total Specimens for Visser, David: 6**

Visser, John

Collection Date Unknown: Namibia: Aus, 1 km W: TM: 1 [1 - 1].South Africa: Hout Bay: AMNH: 1 [1] - Matubatuba: TM: 1 [1] - Wynberg: TM: 1 [1 - 3 - 4].**16 January 1973:** South Africa: Cathcart: AMNH: 1 [1 - 1 - 1].**20 June 1980:** South Africa: Stolznek house: TM: 2 [2 - 2 - 2].**30 June 1981:** South Africa: 4 km E Musina [=Messina]: TM: 1 [1 - 1 - 1].**Total Specimens for Visser, John: 8**

Viviers, L.

28 August 1989: South Africa: John Nash Nature Reserve [=Jack Scott Private Nature Reserve], American cave: TM: 13 [13 - 13 - 13].**Total Specimens for Viviers, L.: 13**

Voeltzkow

Collection Date Unknown: Comoro Islands: Anjouan island: ZMB: 7 [7] - Bambao: ZMB: 1 [1] - Comoro Islands: ZMB: 1 [1] - Grand Comoro island: ZMB: 4 [4 - 13].Kenya: Manda island: ZMB: 1 [1] - Patta [=Pate, island]: ZMB: 4 [4 - 5].Madagascar: Andranohinaly: ZMB: 1 [1] - Androbaha cave [=Grotte d'Androbaha]: ZMB: 6 [6] - no specific locality:ZMB: 1 [1] - Sainte Marie: ZMB: 1 [1] - Sakana: ZMB: 21 [21] - Tamatave: ZMB: 1 [1] - Tuléar: ZMB: 3 [3 - 34].Tanzania: Kokotoni [=Mkokotoni]: ZMB: 2 [2] - Pemba island: ZMB: 6 [6 - 8 - 60].**Total Specimens for Voeltzkow: 60**

Voigt, G. (Mr.)

Collection Date Unknown: South Africa: Farm Okhotso Boekenhoutskloof: TM: 1 [1 - 1 - 1].**Total Specimens for Voigt, G. (Mr.): 1**

Voisin

Collection Date Unknown: Sudan: Khartoum: MNHN: 1 [1 - 1 - 1].

Total Specimens for Voisin: 1

Volkman

Collection Date Unknown: Namibia: Grootfontein: ZMB: 2 [2 - 2 - 2].

Total Specimens for Volkman: 2

Volz, W. (dr.)

Collection Date Unknown: Sierra Leone: Bonthe: NMBE: 6 [6 - 6 - 6].

Total Specimens for Volz, W. (dr.): 6

von Barnim, Hartmann

Collection Date Unknown: Egypt: Denderah [=Dandarah]: ZMB: 1 [1 - 1].

Sudan: Sennar [=Sennaar]: ZMB: 1 [1 - 1 - 2].

Total Specimens for von Barnim, Hartmann: 2

von Blottnitz, Axel

24 July 2005: South Africa: Groenkloof: TM: 1 [1 - 1 - 1].

Total Specimens for von Blottnitz, Axel: 1

von Brandis, R.

Collection Date Unknown: South Africa: Klaserie PNR: TM: 1 [1] - Klaserie Private Nature Reserve: TM: 1 [1 - 2 - 2].

25 January 1996: South Africa: Klaserie Private Nature Reserve: TM: 1 [1 - 1 - 1].

Total Specimens for von Brandis, R.: 3

von Erlanger

Collection Date Unknown: Chad?: Korkoru [=Korkoro ?]: ZMB: 1 [1 - 1].

Ethiopia: Abaya, lake: ZMB: 3 [3] - Anole Wells: ZMB: 2 [2] - Bottego Highlands: ZMB: 2 [2] - Sheik Hussein: ZMB: 2 [2 - 9].

Somalia: Kismaju [=Kismayu]: ZMB: 2 [2] - Zeila [=Saylac]: ZMB: 2 [2 - 4].

Tanzania: Mfulu: ZMB: 1 [1 - 1].

Tunisia: Tunis: ZMB: 1 [1 - 1].

Unknown country: Daba: ZMB: 2 [2] - Daroli: ZMB: 1 [1] - Jub: ZMB: 1 [1] - Webi: ZMB: 1 [1 - 5 - 21].

Total Specimens for von Erlanger: 21

von Erlanger / Neumann

Collection Date Unknown: Ethiopia: Harar: ZMB: 2 [2 - 2 - 2].

Total Specimens for von Erlanger / Neumann: 2

von Geyr?

Collection Date Unknown: Algeria: : ZMB: 2 [2 - 2 - 2].

Total Specimens for von Geyr?: 2

Von Helversen, Otto

18 May 1972: Kenya: Kakamega forest: SMF: 1 [1 - 1 - 1].

Total Specimens for Von Helversen, Otto: 1

Von Heuglin, Theodor

Collection Date Unknown: Ethiopia: Azum: RMNH: 1 [1 - 1 - 1].

3 April 1854: Ethiopia: Bellegaz valley: NMW: 1 [1 - 1 - 1].

1 January 1855: Sudan: Bellegas: SMNS: 1 [1 - 1 - 1].

1 October 1863: Sudan: Bongo: SMNS: 1 [1 - 1 - 1].

Total Specimens for Von Heuglin, Theodor: 4

Von Marno, E.

Collection Date Unknown: Sudan: Gallabat: NMW: 3 [3] - Khartoum: NMW: 15 [15 - 18 - 18].

Total Specimens for Von Marno, E.: 18

von Marwitz

Collection Date Unknown: German East Africa: : ZMB: 3 [3 - 3 - 3].

Total Specimens for von Marwitz: 3

Von Nagy

19 August 1954: Tanzania: Kidugallo: ZFMK: 1 [1 - 1 - 1].

28 June 1962: Tanzania: Usa: ZFMK: 1 [1 - 1 - 1].

Total Specimens for Von Nagy: 2

von Oertzen

Collection Date Unknown: Cameroon: Basho: ZMB: 2 [2 - 2 - 2].

Total Specimens for von Oertzen: 2

von Sack, Graf

Collection Date Unknown: Egypt: no specific locality: ZMB: 1 [1 - 1 - 1].

Total Specimens for von Sack, Graf: 1

Voros, Andrew S.

Collection Date Unknown: Liberia: John Hegbe farm: AMNH: 1 [1 - 1 - 1].

28 April 1983: Liberia: Kluga mountains: AMNH: 1 [1 - 1 - 1].

25 July 1983: Liberia: Saniquellie: AMNH: 1 [1 - 1 - 1].

3 September 1983: Liberia: John Town: AMNH: 1 [1 - 1 - 1].

Total Specimens for Voros, Andrew S.: 4

Vossler

Collection Date Unknown: Tanzania: Amani: ZMB: 8 [8] - Kwamkoro [Forest Reserve]: ZMB: 1 [1 - 9 - 9].

Total Specimens for Vossler: 9

Voyage de Mac..., le

Collection Date Unknown: Reunion: Réunion: RMNH: 1 [1 - 1 - 1].

Total Specimens for Voyage de Mac..., le: 1

Vrijdagh, J.M.

22 June 1938: Congo (Democratic Republic of the): Bambesa: RMCA: 1 [1 - 1 - 1].

24 April 1940: Congo (Democratic Republic of the): Bambesa: RMCA: 1 [1 - 1 - 1].

18 October 1940: Congo (Democratic Republic of the): Bambesa: RMCA: 1 [1 - 1 - 1].

25 October 1942: Congo (Democratic Republic of the): Bosodula: RMCA: 1 [1 - 1 - 1].

Total Specimens for Vrijdagh, J.M.: 4

Vuattox, R.

Collection Date Unknown: Cote D'Ivoire: "piste de Lamtu": MNHN: 1 [1 - 1 - 1].

Total Specimens for Vuattox, R.: 1

Wagner, coll. Nehring

Collection Date Unknown: Algeria: Algiers: ZMB: 1 [1 - 1 - 1].

Total Specimens for Wagner, coll. Nehring: 1

Wagner, Johann Andreas

Collection Date Unknown: Algeria: Oran: ZMB: 1 [1 - 1 - 1].

Total Specimens for Wagner, Johann Andreas: 1

Wahlberg, J. (Stockholm Museum)

Collection Date Unknown: "Africa": Caffraria?: ZMB: 1 [1 - 1].
South Africa: Durban: BMNH: 1 [1] - Krokodil river: RMNH: 1 [1 - 2 - 3].
27 November 1842: South Africa: Tugela river: NRM: 1 [1 - 1 - 1].

Total Specimens for Wahlberg, J. (Stockholm Museum): 4

Walch, K.

6 March 1961: Tunisia: Cartago: SMF: 1 [1 - 1 - 1].

Total Specimens for Walch, K.: 1

Walen

Collection Date Unknown: Kenya: Menengai: ZMB: 1 [1 - 1 - 1].

Total Specimens for Walen: 1

Walen, A.

14 March 1984: Sudan: Khartoum: ZMA: 10 [10 - 10 - 10].

Total Specimens for Walen, A.: 10

Wallin, R.P.

Collection Date Unknown: Congo (Democratic Republic of the): Karawa: RMCA: 1 [1 - 1 - 1].

Total Specimens for Wallin, R.P.: 1

Ward, C? (Col.)

Collection Date Unknown: Ethiopia: Gondar: BMNH: 1 [1 - 1].

Somalia: Chisimaio: BMNH: 2 [2 - 2 - 3].
11 October 1959: Ethiopia: Gondar: BMNH: 1 [1 - 1 - 1].
8 December 1959: Ethiopia: Gondar: BMNH: 1 [1 - 1 - 1].

Total Specimens for Ward, C? (Col.): 5

Washington, (Expedition Barry W.)

Collection Date Unknown: Swaziland: Big Bend: TM: 1 [1 - 1 - 1].

Total Specimens for Washington, (Expedition Barry W.): 1

Weavers

20 August 1977: Kenya: Katilo: BMNH: 1 [1 - 1 - 1].

Total Specimens for Weavers: 1

Webb, G.S.

7 January 1937: Ghana: Mampong: BMNH: 1 [1 - 1 - 1].

22 March 1937: Ghana: Prang: BMNH: 2 [2 - 2 - 2].

Total Specimens for Webb, G.S.: 3

Webber, W.A.

26 April 1952: Chad: Fort Archambault: USNM: 1 [1 - 1 - 1].

Total Specimens for Webber, W.A.: 1

Weber, S. and Gerrans, R.

Collection Date Unknown: South Africa: Waterberg, Farm Klipfontein 54JS: TM: 1 [1 - 1 - 1].
25 April 1988: South Africa: Waterberg, Farm Klipfontein 54JS: TM: 23 [23 - **23** - 23].
25 May 1988: South Africa: Waterberg, Farm Klipfontein 54JS: TM: 6 [6 - **6** - 6].
19 September 1988: South Africa: Waterberg, Farm Klipfontein 54JS: TM: 3 [3 - **3** - 3].

Total Specimens for Weber, S. and Gerrans, R.: 33

Weber, S. and Herholdt, E.

2 March 1989: South Africa: Waterberg, Farm Klipfontein 54JS: TM: 1 [1 - 1 - 1].

Total Specimens for Weber, S. and Herholdt, E.: 1

Weber, W.

Collection Date Unknown: Chad: Guidari: USNM: 2 [2 - **2** - 2].

Total Specimens for Weber, W.: 2

Weidholz, Alfred

Collection Date Unknown: Senegal: Tabadienke: NMW: 6 [6 - **6** - 6].

Total Specimens for Weidholz, Alfred: 6

Wellcome Research Laboratories

13 June 1918: Sudan: Mongalla: BMNH: 1 [1 - 1 - 1].

Total Specimens for Wellcome Research Laboratories: 1

Wellman, Dr. F.C.

Collection Date Unknown: Angola: Benguela: BMNH: 1 [1 - 1 - 1].

Total Specimens for Wellman, Dr. F.C.: 1

Wells

1 June 1974: Zambia: Magoye research station: HZM: 1 [1 - 1 - 1].

Total Specimens for Wells: 1

Wells, A.A.

Collection Date Unknown: Kenya: Malindi: CM: 2 [2 - **2** - 2].

Total Specimens for Wells, A.A.: 2

Wells, W.H.

1 March 1950: Egypt: Zokila: USNM: 4 [4 - **4** - 4].

Total Specimens for Wells, W.H.: 4

Welwitsch, F.

Collection Date Unknown: Angola: Golungo Alto [=syn Golundo Alto]: BMNH: 1 [1] - no specific locality: ZMB: 1 [1 - **2** - 2].

Total Specimens for Welwitsch, F.: 2

Wernham, J. or G.

4 March 1922: Cameroon: Bitye: BMNH: 1 [1 - 1 - 1].

10 April 1922: Cameroon: Bitye: BMNH: 1 [1 - 1 - 1].

23 February 1923: Cameroon: Bitye: BMNH: 1 [1 - 1 - 1].

Total Specimens for Wernham, J. or G.: 3

Werth

Collection Date Unknown: Tanzania: Dar-es-Salaam: ZMB: 4 [4 - **4** - 4].

Total Specimens for Werth: 4

Werther

Collection Date Unknown: Tanzania: Zanzibar: ZMB: 1 [1 - 1 - 1].

Total Specimens for Werther: 1

Wessel

Collection Date Unknown: Tanzania: Zanzibar: ZMB: 1 [1 - 1 - 1].

Total Specimens for Wessel: 1

Wessels

20 September 1970: South Africa: Pongoland: TM: 2 [2 - 2 - 2].

Total Specimens for Wessels: 2

West, S.D.

1 April 1993: South Africa: Farm Rhenosterfontein: TM: 1 [1 - 1 - 1].

Total Specimens for West, S.D.: 1

West, Sean D.

Collection Date Unknown: South Africa: Doordraai Dam Nature Reserve: TM: 1 [1] - Farm Wonderfontein 103IQ, Abe Baily Nature Reserve: TM: 1 [1] - Hans Strydom Dam Nature Reserve: TM: 2 [2] - Irene, Agricultural Research Council [= ARC] grounds: TM: 1 [1] - Percy Fyfe Nature Reserve: TM: 1 [1] - Wonderkop Nature Reserve: TM: 1 [1 - 7 - 7].

16 September 1994: South Africa: Suikerbosrand [=Suikerboschrand] Nature Reserve: TM: 1 [1 - 1 - 1].

27 January 2003: South Africa: Groenkloof: TM: 1 [1 - 1 - 1].

Total Specimens for West, Sean D.: 9

West, Sean D. (GNC)

Collection Date Unknown: South Africa: Bronkhorstspuit Dam Nature Reserve: TM: 1 [1] - near Muldersdrift: TM: 1 [1 - 2 - 2].

Total Specimens for West, Sean D. (GNC): 2

West, Sean D. (TPA)

Collection Date Unknown: South Africa: Doordraai Dam Nature Reserve: TM: 2 [2] - Messina Nature Reserve: TM: 3 [3] - Percy Fyfe Nature Reserve: TM: 3 [3] - Rooiberg, Tin mine: TM: 1 [1] - Wolwespruit Nature Reserve: TM: 1 [1] - Wonderkop Nature Reserve: TM: 1 [1 - 11 - 11].

15 March 1993: South Africa: Messina Nature Reserve: TM: 1 [1 - 1 - 1].

Total Specimens for West, Sean D. (TPA): 12

Wettstein, Otto von

Collection Date Unknown: Sudan: Tonga: NMW: 12 [12 - 12 - 12].

16 March 1914: Sudan: En Nabbaka: NMW: 1 [1 - 1 - 1].

20 March 1914: Sudan: Nuba Mountains, N edge: NMW: 1 [1 - 1 - 1].

11 April 1914: Sudan: Tonga: BMNH: 1, NMW: 1 [2 - 2 - 2].

Total Specimens for Wettstein, Otto von: 16

Weyns

Collection Date Unknown: Congo (Democratic Republic of the): Stanleyville [=Kisangani]: RMCA: 5 [5 - 5 - 5].

Total Specimens for Weyns: 5

Whitaker, J.I.S.

30 May 1901: Libya: Murzuk: BMNH: 1 [1 - 1 - 1].

Total Specimens for Whitaker, J.I.S.: 1

White, A. (coll), Johnston, Harry H. (Sir) (pres)

1 July 1896: Malawi: Fort Hill [=Chitipa]: BMNH: 1 [1 - 1 - 1].

Total Specimens for White, A. (coll), Johnston, Harry H. (Sir) (pres): 1

White, A.G.

Collection Date Unknown: Namibia: Kuiseb River: TM: 2 [2 - 2].

Zimbabwe: Birchenough Bridge, 11.2 km W: TM: 1 [1] - Melsetter district: TM: 2 [2] - Selinda: TM: 1 [1] - Silinda, mount: TM: 3 [3] - Vumba: TM: 4 [4 - 11 - 13].

3 July 1931: South Africa: Sheila No. 10: TM: 1 [1 - 1 - 1].

6 July 1931: South Africa: Sheila No. 10: TM: 1 [1 - 1 - 1].

12 July 1935: South Africa: Sebasa: TM: 3 [3] - Sibosa: TM: 2 [2 - 5 - 5].

11 January 1938: Zimbabwe: Birchenough Bridge, 11.2 km W: TM: 5 [5 - 5 - 5].

12 January 1938: Zimbabwe: Birchenough Bridge, 11.2 km W: TM: 2 [2 - 2 - 2].

1 April 1970: South Africa: Komatipoort: TM: 1 [1] - Komatipoort, 3.2 km N: TM: 1 [1 - 2 - 2].

24 July 1970: South Africa: TSD Sugar Estate No.3 Section: TM: 23 [23 - 23 - 23].

27 July 1970: South Africa: TSD Sugar Estate No.3 Section: TM: 1 [1 - 1 - 1].

Total Specimens for White, A.G.: 53

White, A.G. and Prozesky

Collection Date Unknown: South Africa: Hartbeespoort dam: TM: 1 [1 - 1 - 1].

Total Specimens for White, A.G. and Prozesky: 1

White, C.M.N.

Collection Date Unknown: Zambia: Mwinilunga district: AMNH: 2 [2 - 2 - 2].

Total Specimens for White, C.M.N.: 2

White, Wendy

12 August 2003: South Africa: Mkuzi Game Reserve: DNSM: 1 [1 - 1 - 1].

21 August 2003: South Africa: Mkuze River: DNSM: 1 [1] - Mkuzi Game Reserve: DNSM: 1 [1 - 2 - 2].

Total Specimens for White, Wendy: 3

Whitfield, T.

Collection Date Unknown: South Africa: Satara rest camp: TM: 1 [1 - 1 - 1].

Total Specimens for Whitfield, T.: 1

Whiting, M.J.; Branch, W.R. and Branch, T.C.

16 September 1994: Mozambique: Moebase: TM: 1 [1 - 1 - 1].

Total Specimens for Whiting, M.J.; Branch, W.R. and Branch, T.C.: 1

WHO and Marc_Colyn

Collection Date Unknown: Congo (Democratic Republic of the): Bumba: RMCA: 1 [1] - Congo: RMCA: 1 [1 - 2 - 2].

15 August 1986: Congo (Democratic Republic of the): Mosenge: RMCA: 1 [1 - 1 - 1].

Total Specimens for WHO and Marc_Colyn: 3

Whyte, Alex (F.Z.S.)

Collection Date Unknown: Malawi: Mulanje Plateau: BMNH: 1 [1 - 1 - 1].

1 January 1893: Malawi: Zomba: BMNH: 1 [1 - 1 - 1].

Total Specimens for Whyte, Alex (F.Z.S.): 2

Wijnant, E.P.

15 March 1940: Congo (Democratic Republic of the): Boende: RMCA: 1 [1 - 1 - 1].

Total Specimens for Wijnant, E.P.: 1

Wilcke

Collection Date Unknown: Sudan: Dongola: ZMB: 1 [1 - 1 - 1].

Total Specimens for Wilcke: 1

Wilde, H.

Collection Date Unknown: South Africa: Tzaneen Governmental Estate: TM: 1 [1 - 1 - 1].**Total Specimens for Wilde, H.: 1**

Wilhelm

Collection Date Unknown: Angola: Concórdia: ZMB: 1 [1 - 1 - 1].**Total Specimens for Wilhelm: 1**

Wilkes, L.W.

Collection Date Unknown: Liberia: Monrovia: HZM: 4 [4 - 4 - 4].**Total Specimens for Wilkes, L.W.: 4**

Willems

Collection Date Unknown: German East Africa: : ZMB: 1 [1 - 1].
Tanzania: Dar-es-Salaam: ZMB: 1 [1 - 1 - 2].**Total Specimens for Willems: 2**

Williams

2 May 1984: The Gambia: Banjul: HZM: 1 [1 - 1 - 1].**Total Specimens for Williams: 1**

Williams, A.E.

10 August 1953: Kenya: Kilifi: USNM: 1 [1 - 1 - 1].
2 September 1965: Kenya: Gibraltar island: ROM: 6 [6 - 6 - 6].
16 June 1966: Kenya: Trans-Nzoia district: ROM: 1 [1 - 1 - 1].
18 September 1967: Kenya: Baringo, lake: ROM: 2 [2 - 2 - 2].
1 June 1968: Madagascar: Perinet, 1 mi S: ROM: 1 [1 - 1 - 1].
9 April 1973: Kenya: Kampi ya Samaki: ROM: 3 [3 - 3 - 3].
21 April 1973: Kenya: Kampi ya Samaki: ROM: 1 [1 - 1 - 1].
2 May 1973: Kenya: Kampi ya Samaki: ROM: 1 [1 - 1 - 1].
24 December 1973: Ethiopia: Jarra: ROM: 4 [4 - 4 - 4].
29 December 1973: Ethiopia: Jarra: ROM: 2 [2 - 2 - 2].
30 December 1973: Ethiopia: Jarra: ROM: 1 [1 - 1 - 1].
4 January 1974: Ethiopia: Jarra: ROM: 1 [1 - 1 - 1].
6 January 1974: Ethiopia: Jarra: ROM: 3 [3 - 3 - 3].
7 January 1974: Ethiopia: Jarra: ROM: 2 [2 - 2 - 2].
8 January 1974: Ethiopia: Jarra: ROM: 3 [3 - 3 - 3].
10 January 1974: Ethiopia: Jarra: ROM: 3 [3 - 3 - 3].
12 January 1974: Ethiopia: Jarra: ROM: 1 [1 - 1 - 1].
13 January 1974: Ethiopia: Jarra: ROM: 1 [1 - 1 - 1].
15 January 1974: Ethiopia: Jarra: ROM: 3 [3 - 3 - 3].
16 January 1974: Ethiopia: Jarra: ROM: 2 [2 - 2 - 2].
18 January 1974: Ethiopia: Jarra: ROM: 4 [4 - 4 - 4].
20 January 1974: Ethiopia: Jarra: ROM: 2 [2 - 2 - 2].
21 January 1974: Ethiopia: Jarra: ROM: 1 [1 - 1 - 1].
24 January 1974: Ethiopia: Jarra: ROM: 1 [1 - 1 - 1].
8 March 1974: Ethiopia: Melka Were: ROM: 1 [1 - 1 - 1].
19 March 1974: Ethiopia: Melka Sadi: ROM: 1 [1 - 1 - 1].
28 November 1974: Kenya: Ngambo: ROM: 1 [1 - 1 - 1].

Total Specimens for Williams, A.E.: 53

Williams, J.

Collection Date Unknown: South Africa: Wonderkop Nature Reserve: TM: 1 [1 - 1 - 1].**Total Specimens for Williams, J.: 1**

Williams, John G.

Collection Date Unknown: Kenya: Kilanguni: ROM: 1 [1] - Namanga: HZM: 1 [1] - Rumurati, 64 km NW: ROM: 1 [1 - 3 - 3].

- 1 June 1952: Uganda: Soroti: FMNH: 2 [2 - 2 - 2].
 10 July 1952: Tanzania: Simiyu: FMNH: 1 [1 - 1 - 1].
 10 June 1953: Sudan: Lokomarinyang Marsh: BMNH: 1 [1] - Lokomorinyang: HZM: 1 [1 - 2 - 2].
 9 April 1964: Kenya: Ngong: HZM: 1 [1 - 1 - 1].
 20 April 1964: Kenya: Archer's Post: CM: 1, HZM: 4 [5 - 5 - 5].
 2 July 1964: Kenya: Magadi: ROM: 1 [1 - 1 - 1].
 27 December 1964: Kenya: Bat island: ROM: 1 [1 - 1 - 1].
 29 December 1964: Kenya: Archer's Post: ROM: 1 [1 - 1 - 1].
 6 January 1965: Tanzania: Kawe: ROM: 1 [1 - 1 - 1].
 15 March 1965: Kenya: Kilifi: ROM: 1 [1 - 1 - 1].
 21 May 1965: Kenya: Ukwala: ROM: 1 [1 - 1 - 1].
 24 May 1965: Kenya: Tororo, 30 mi E: ROM: 2 [2 - 2 - 2].
 1 June 1965: Kenya: Sigor: ROM: 2 [2 - 2 - 2].
 4 July 1965: Kenya: Koran Badas: ROM: 2 [2] - Korau: ROM: 5 [5 - 7 - 7].
 7 July 1965: Kenya: Langata forest: ROM: 1 [1 - 1 - 1].
 1 August 1965: Tanzania: Takaungu: ROM: 1 [1 - 1 - 1].
 15 August 1965: Kenya: Kilifi: ROM: 5 [5 - 5 - 5].
 16 August 1965: Kenya: Keekevok: ROM: 1 [1 - 1 - 1].
 17 August 1965: Kenya: Kilifi: ROM: 1 [1 - 1 - 1].
 20 August 1965: Kenya: Ukwala: ROM: 1 [1 - 1 - 1].
 2 September 1965: Kenya: Gibraltar island: ROM: 2 [2 - 2 - 2].
 3 September 1965: Kenya: Baringo, lake: ROM: 1 [1 - 1 - 1].
 4 September 1965: Kenya: Baringo, lake: ROM: 1 [1 - 1 - 1].
 16 September 1965: Kenya: Keekevok: ROM: 1 [1 - 1 - 1].
 20 September 1965: Kenya: Ukwala: ROM: 2 [2 - 2 - 2].
 12 November 1965: Uganda: Katwe: ROM: 1 [1 - 1 - 1].
 11 December 1965: Kenya: Mitunbur: ROM: 1 [1] - Wei Wei river: ROM: 2 [2 - 3 - 3].
 12 December 1965: Kenya: Tambalal Falls: ROM: 1 [1 - 1 - 1].
 13 December 1965: Kenya: Suam river: ROM: 2 [2 - 2 - 2].
 16 December 1965: Kenya: Alamer: ROM: 2 [2 - 2 - 2].
 17 December 1965: Kenya: Sigor: ROM: 1 [1] - Wei Wei river: ROM: 1 [1 - 2 - 2].
 23 December 1965: Kenya: Kongelai: ROM: 2 [2 - 2 - 2].
 5 January 1966: Kenya: Samburu Game Lodge: ROM: 2 [2 - 2 - 2].
 25 January 1966: Uganda: Bwamba Forest: ROM: 1 [1 - 1 - 1].
 7 July 1966: Kenya: Sigor: ROM: 1 [1 - 1 - 1].
 20 July 1966: Kenya: Sigor: ROM: 1 [1 - 1 - 1].
 21 July 1966: Kenya: Sigor: ROM: 2 [2 - 2 - 2].
 16 August 1966: Uganda: Buligi: ROM: 1 [1 - 1 - 1].
 17 September 1966: Uganda: Budongo Forest: ROM: 1 [1 - 1 - 1].
 18 September 1967: Kenya: Baringo, lake: ROM: 1 [1 - 1 - 1].
 21 March 1968: Kenya: Archer's Post: ROM: 1 [1 - 1 - 1].
 4 June 1968: Uganda: Budongo Forest: ROM: 1 [1 - 1 - 1].
 4 March 1969: Kenya: Tiwi Beach: ROM: 1 [1 - 1 - 1].
 27 November 1969: Uganda: Moyo, 10 mi E: ROM: 1 [1 - 1 - 1].
 23 January 1971: Kenya: Kakamega forest: ROM: 1 [1 - 1 - 1].
 24 January 1971: Kenya: Kakamega forest: ROM: 2 [2 - 2 - 2].
 27 January 1971: Kenya: Kakamega forest: ROM: 1 [1 - 1 - 1].
 28 January 1971: Kenya: Kakamega forest: ROM: 1 [1 - 1 - 1].
 20 March 1971: Kenya: Baringo, lake: ROM: 5 [5 - 5 - 5].
 9 April 1973: Kenya: Kampi ya Samaki: ROM: 11 [11 - 11 - 11].
 10 April 1973: Kenya: Kampi ya Samaki: ROM: 1 [1] - Karpeddo: ROM: 12 [12 - 13 - 13].
 11 April 1973: Kenya: Kampi ya Samaki: ROM: 2 [2 - 2 - 2].
 12 April 1973: Kenya: Kampi ya Samaki: ROM: 3 [3 - 3 - 3].
 17 April 1973: Kenya: Kampi ya Samaki: ROM: 1 [1 - 1 - 1].
 14 May 1984: The Gambia: Walli Kunda, near: HZM: 2 [2 - 2 - 2].

Total Specimens for Williams, John G.: 117

Williams, John G. and Mumford, R.E.

20 April 1964: Kenya: Archer's Post: ROM: 1 [1 - 1 - 1].

Total Specimens for Williams, John G. and Mumford, R.E.: 1

Williams, L.

23 September 1961: Kenya: Nairobi: SMF: 1 [1 - 1 - 1].

Total Specimens for Williams, L.: 1

Williams, R. and Glen, R

Collection Date Unknown: Uganda: Ntandi: LACM: 1 [1 - 1 - 1].

Total Specimens for Williams, R. and Glen, R: 1

Williams, S.H.

Collection Date Unknown: Uganda: Budongo Forest: ROM: 1 [1 - 1 - 1].
23 June 1968: Uganda: Budongo Forest: ROM: 1 [1 - 1 - 1].
14 July 1978: Cameroon: Ngaoundere: CM: 1 [1 - 1 - 1].

Total Specimens for Williams, S.H.: 3

Williams, S.L.

7 July 1978: Cameroon: Yaoundé, 7 km S, 8 km W: CM: 1 [1 - 1 - 1].
3 August 1978: Cameroon: Ambam, 10 km S, 5 km E: CM: 1 [1 - 1 - 1].
6 August 1978: Cameroon: Yaoundé, 16 km S, 2 km E: CM: 1 [1 - 1 - 1].
8 August 1978: Cameroon: Yaoundé, 16 km S, 2 km E: CM: 2 [2 - 2 - 2].

Total Specimens for Williams, S.L.: 5

Wills, J. (Rev.)

Collection Date Unknown: Madagascar: Imerina, forest E of: BMNH: 1 [1 - 1 - 1].

Total Specimens for Wills, J. (Rev.): 1

Wilms

Collection Date Unknown: South Africa: Lydenburg: ZMB: 7 [7 - 7 - 7].

Total Specimens for Wilms: 7

Wilson, Don E.

27 October 1975: Cameroon: Kumba, 19 km S: USNM: 1 [1 - 1 - 1].
10 November 1975: Cameroon: Tisongo, Lake: USNM: 1 [1 - 1 - 1].
12 November 1975: Cameroon: Tisongo, Lake: USNM: 3 [3 - 3 - 3].
13 November 1975: Cameroon: Tisongo, Lake: USNM: 1 [1 - 1 - 1].
15 November 1975: Cameroon: Tisongo, Lake: USNM: 1 [1 - 1 - 1].

Total Specimens for Wilson, Don E.: 7

Wilson, V.J.

Collection Date Unknown: Zambia: Chipengali area: NHMZ: 1 [1] - Luangwa Valley: NHMZ: 1 [1] - Masali Mine: BMNH: 5 [5 - 7 - 7].

15 March 1964: Zambia: Choma district: AMNH: 1 [1 - 1 - 1].
5 April 1971: Zimbabwe: Maduni Dumela: NHMZ: 1 [1 - 1 - 1].
27 May 1972: Zimbabwe: Makalowa: NHMZ: 1 [1] - Ngamo Pans: NHMZ: 1 [1] - Ngweshla: NHMZ: 1 [1 - 3 - 3].
28 May 1972: Zimbabwe: Makalowa: NHMZ: 1 [1 - 1 - 1].

Total Specimens for Wilson, V.J.: 13

Wing

Collection Date Unknown: South Africa: Spring Grove: NM: 1 [1 - 1 - 1].

Total Specimens for Wing: 1

Wingate, Lloyd R.

24 May 1970: South Africa: Pietermaritzburg, University Campus, Science block: TM: 1 [1 - 1 - 1].
17 May 1972: South Africa: Hilton, Town Bush cave: TM: 3 [3 - 3 - 3].
18 May 1972: South Africa: Ashburton farm: TM: 1 [1 - 1 - 1].
24 May 1972: South Africa: Pietermaritzburg, University Campus, Science block: TM: 2 [2 - 2 - 2].
24 February 1973: South Africa: Hilton, Town Bush cave: TM: 4 [4 - 4 - 4].
6 November 1973: South Africa: Hilton, Town Bush cave: TM: 5 [5 - 5 - 5].
24 November 1973: South Africa: Hilton, Town Bush cave: TM: 6 [6 - 6 - 6].
9 January 1979: South Africa: King Williamstown: KM: 1 [1 - 1 - 1].
15 January 1979: South Africa: King Williamstown: KM: 1 [1 - 1 - 1].
16 July 1979: South Africa: King Williamstown: KM: 1 [1 - 1 - 1].
10 November 1988: South Africa: Sandile's Cave: TM: 4 [4 - 4 - 4].

Total Specimens for Wingate, Lloyd R.: 29

Wingate, Lloyd R. and Wright, Peter J.

17 May 1981: Zimbabwe: Umtali mine adit [=Umtali Old mine]: DNSM: 1 [1 - 1 - 1].

Total Specimens for Wingate, Lloyd R. and Wright, Peter J.: 1

Wirminghaus, J.O.

20 March 1988: South Africa: Ferncliff: TM: 1 [1 - 1 - 1].

Total Specimens for Wirminghaus, J.O.: 1

Withenshaw, G.

Collection Date Unknown: Zambia: Ndola: NHMZ: 1 [1 - 1 - 1].

Total Specimens for Withenshaw, G.: 1

Witter, Dean

Collection Date Unknown: Uganda: Nimule, near: CAS: 1 [1 - 1 - 1].

Total Specimens for Witter, Dean: 1

Wolff, U. et al.

Collection Date Unknown: South Africa: Hatfield Primary School: TM: 1 [1 - 1 - 1].

Total Specimens for Wolff, U. et al.: 1

Wolff, V. et al.

Collection Date Unknown: South Africa: Hatfield Primary School: TM: 1 [1 - 1 - 1].

Total Specimens for Wolff, V. et al.: 1

Wolhuter, D.A.

Collection Date Unknown: South Africa: Culling Camp: TM: 1 [1] - Dumisa gold mine: TM: 2 [2] - Farm Ohkotso [=Voigt's]: TM: 1 [1] - Ottos Bluff [=Koks farm]: TM: 1 [1] - Town Bush cave: TM: 1 [1] - Umdoni Park: TM: 3 [3 - 9 - 9].

9 January 1979: South Africa: Farm Goedhoek [=Goudhoek]: TM: 2 [2 - 2 - 2].

29 January 1979: South Africa: Dumisa gold mine: TM: 1 [1 - 1 - 1].

9 February 1979: South Africa: Farm Goedhoek [=Goudhoek]: TM: 4 [4 - 4 - 4].

28 February 1979: South Africa: Hilton, Town Bush cave: TM: 1 [1 - 1 - 1].

14 April 1979: South Africa: Ngubevu mine: TM: 4 [4 - 4 - 4].

3 May 1979: South Africa: Hilton, Town Bush cave: TM: 2 [2 - 2 - 2].

30 May 1979: South Africa: Dumisa gold mine: TM: 1 [1 - 1 - 1].

6 June 1979: South Africa: Umdoni Park: TM: 2 [2 - 2 - 2].

14 September 1983: South Africa: Dumisa gold mine: TM: 1 [1 - 1 - 1].

27 May 1984: South Africa: Old picnic site: TM: 1 [1 - 1 - 1].

31 October 1984: South Africa: Figtree camp: CM: 1 [1 - 1 - 1].

24 August 1985: South Africa: Figtree camp: TM: 1 [1 - 1 - 1].

29 August 1985: South Africa: Manxeba [=Maxeba] windmill: TM: 2 [2 - 2 - 2].

Total Specimens for Wolhuter, D.A.: 32

Wolhuter, D.A. and Coetzer, D.J.

23 June 1984: South Africa: Figtree forest: TM: 3 [3 - 3 - 3].

24 June 1984: South Africa: Figtree forest: TM: 3 [3 - 3 - 3].

25 June 1984: South Africa: Anthrax camp: TM: 3 [3 - 3 - 3].

26 June 1984: South Africa: Manxeba [=Maxeba] windmill: TM: 3 [3 - 3 - 3].

Total Specimens for Wolhuter, D.A. and Coetzer, D.J.: 12

Wolhuter, D.A. and van der Merwe, N.J.

Collection Date Unknown: South Africa: Fig forest, Left-hand bank: TM: 1 [1 - 1 - 1].

30 October 1984: South Africa: Figtree camp: TM: 1 [1 - 1 - 1].

Total Specimens for Wolhuter, D.A. and van der Merwe, N.J.: 2

Wolhuter, D.A. and Cassidy, R.

1 October 1983: South Africa: Levuvhu hippo pool: TM: 1 [1 - 1 - 1].

Total Specimens for Wolhuter, D.A. and Cassidy, R.: 1

Wolhuter, D.A. and Cassidy, R.J.

- Collection Date Unknown:** South Africa: Cederberg, Algeria State Forest, campsite: TM: 3 [3 - 3 - 3].
19 August 1982: South Africa: : TM: 2 [2] - Cederberg, Algeria State Forest, campsite: TM: 1 [1 - 3 - 3].
22 August 1982: South Africa: Cederberg, Algeria State Forest, campsite: TM: 1 [1 - 1 - 1].
23 August 1982: South Africa: Cederberg, Algeria State Forest, campsite: TM: 2 [2 - 2 - 2].
24 August 1982: South Africa: Cederberg, Algeria State Forest, campsite: TM: 4 [4] - Queen Elizabeth Park: DNSM: 1 [1 - 5 - 5].
25 August 1982: South Africa: Cederberg, Algeria State Forest, campsite: TM: 1 [1 - 1 - 1].
26 August 1982: South Africa: Cederberg, Algeria State Forest, campsite: TM: 3 [3 - 3 - 3].
27 August 1982: South Africa: : NHMZ: 1, TM: 2 [3] - Cederberg, Algeria State Forest, campsite: TM: 8 [8 - 11 - 11].
28 August 1982: South Africa: Cederberg, Algeria State Forest, campsite: TM: 2 [2 - 2 - 2].
7 September 1983: South Africa: Nqubevu mine: TM: 59 [59 - 59 - 59].
9 September 1983: South Africa: Northern Sewage Works: TM: 1 [1 - 1 - 1].
10 September 1983: South Africa: Doornhoek mine: TM: 7 [7 - 7 - 7].
11 September 1983: South Africa: Hilton, Hilton Railway tunnel: TM: 15 [15] - Hilton, Town Bush cave: TM: 17 [17 - 32 - 32].
14 September 1983: South Africa: Dumisa gold mine: TM: 20 [20 - 20 - 20].
24 September 1983: South Africa: Farm Goedhoek [=Goudhoek]: TM: 11 [11 - 11 - 11].
25 September 1983: South Africa: Farm Goedhoek [=Goudhoek]: TM: 5 [5 - 5 - 5].
2 October 1983: South Africa: Old picnic site: TM: 1 [1 - 1 - 1].

Total Specimens for Wolhuter, D.A. and Cassidy, R.J.: 167

Wolhuter, D.A. and van der Merwe, N.J.

- Collection Date Unknown:** South Africa: Figtree forest: TM: 10 [10 - 10 - 10].
29 October 1984: South Africa: Figtree camp: TM: 5 [5 - 5 - 5].

Total Specimens for Wolhuter, D.A. and van der Merwe, N.J.: 15

Wolhuter, D.A. et al

- 29 December 1983:** South Africa: Figtree camp: TM: 1 [1 - 1 - 1].
4 June 1985: South Africa: Maditobe Witsand Dam: TM: 1 [1 - 1 - 1].

Total Specimens for Wolhuter, D.A. et al: 2

Wolhuter, D.A. et al.

- Collection Date Unknown:** South Africa: Culling camp: TM: 1 [1] - Figtree camp: TM: 2 [2] - Leuvuhu River: TM: 15 [15] - Old picnic site: TM: 1 [1 - 19 - 19].
29 September 1983: South Africa: Old picnic site: TM: 1 [1 - 1 - 1].
30 November 1983: South Africa: Leuvuhu River: TM: 1 [1 - 1 - 1].
28 December 1983: South Africa: Culling camp: TM: 10 [10 - 10 - 10].
29 December 1983: South Africa: Figtree camp: TM: 9 [9 - 9 - 9].
27 May 1984: South Africa: Old picnic site: TM: 6 [6 - 6 - 6].
28 May 1984: South Africa: Old picnic site: TM: 5 [5 - 5 - 5].
29 May 1984: South Africa: Old picnic site: TM: 3 [3 - 3 - 3].
28 October 1984: South Africa: Manxeba [=Maxeba] windmill: TM: 1 [1 - 1 - 1].
28 November 1984: South Africa: Manxeba [=Maxeba] windmill: TM: 8 [8 - 8 - 8].
24 August 1985: South Africa: Figtree camp: TM: 3 [3 - 3 - 3].
25 August 1985: South Africa: Old picnic site: TM: 1 [1 - 1 - 1].
29 August 1985: South Africa: Manxeba [=Maxeba] windmill: TM: 4 [4 - 4 - 4].

Total Specimens for Wolhuter, D.A. et al.: 71

Wolhuter, D.A., Cassidy, R.J. and TS and LB

- Collection Date Unknown:** South Africa: Leuvuhu River: TM: 3 [3 - 3 - 3].

Total Specimens for Wolhuter, D.A., Cassidy, R.J. and TS and LB: 3

Wollwitsch

- Collection Date Unknown:** Angola: : BMNH: 1 [1] - Angola: BMNH: 1 [1 - 2 - 2].

Total Specimens for Wollwitsch: 2

Wolton, R.J. - [Oxford University Expedition to Mt Nimba]

- 8 July 1978:** Liberia: Sanniquellie, 5 mi S: BMNH: 1 [1 - 1 - 1].
11 July 1978: Liberia: Grassfield: BMNH: 1 [1 - 1 - 1].

26 July 1978: Liberia: Grassfield: BMNH: 1 [1 - 1 - 1].
 27 July 1978: Liberia: South Nimba: BMNH: 1 [1 - 1 - 1].
 2 August 1978: Liberia: Tokaden, mount: BMNH: 1 [1 - 1 - 1].
 16 August 1978: Liberia: South Nimba: BMNH: 1 [1 - 1 - 1].
 26 August 1978: Liberia: North Beeton: BMNH: 1 [1 - 1 - 1].

Total Specimens for Wolton, R.J. - [Oxford University Expedition to Mt Nimba]: 7

Wonder, F.C.

Collection Date Unknown: Senegal: Kedougou: USNM: 1 [1 - 1 - 1].
 27 March 1934: Mali: Sotuba: FMNH: 2 [2 - 2 - 2].
 28 March 1934: Mali: Sotuba: FMNH: 1 [1 - 1 - 1].
 19 May 1934: Senegal: Kedougou: USNM: 1 [1 - 1 - 1].
 20 May 1934: Senegal: Kedougou: USNM: 1 [1 - 1 - 1].

Total Specimens for Wonder, F.C.: 6

Wood, J.

Collection Date Unknown: South Africa: Greytown: DNSM: 1 [1 - 1 - 1].

Total Specimens for Wood, J.: 1

Wood, Rodney C., Esq.

Collection Date Unknown: Malawi: Chiromo: BMNH: 14, KU: 2 [16] - Chiromo, mount: BMNH: 1 [1 - 17 - 17].
 1 November 1913: Zambia: Chilanga: BMNH: 1 [1 - 1 - 1].
 1 June 1916: Malawi: Chiromo: BMNH: 2 [2 - 2 - 2].
 7 June 1916: Malawi: Chiromo: BMNH: 1 [1 - 1 - 1].
 8 June 1916: Malawi: Chiromo: BMNH: 1 [1 - 1 - 1].
 17 June 1916: Malawi: Chiromo: BMNH: 1 [1 - 1 - 1].
 19 July 1916: Malawi: Chiromo: BMNH: 2 [2 - 2 - 2].
 23 July 1916: Malawi: Chiromo: BMNH: 1, KU: 1 [2 - 2 - 2].
 2 October 1916: Malawi: Chiromo: BMNH: 1 [1 - 1 - 1].
 18 December 1916: Malawi: Chiromo: BMNH: 1 [1 - 1 - 1].
 7 May 1918: Malawi: Chiromo: BMNH: 1 [1 - 1 - 1].
 3 August 1919: Malawi: Chiromo: BMNH: 1 [1 - 1 - 1].

Total Specimens for Wood, Rodney C., Esq.: 31

Woosnam, R.B.

Collection Date Unknown: Botswana: Ngami, lake: BMNH: 1 [1 - 1 - 1].
 19 April 1904: South Africa: Kuruman: BMNH: 1 [1 - 1 - 1].
 22 January 1906: Uganda: Ruwenzori East: USNM: 1 [1 - 1 - 1].
 11 May 1906: Congo (Democratic Republic of the): Ruwenzori SE: BMNH: 1 [1 - 1 - 1].

Total Specimens for Woosnam, R.B.: 4

Worth

Collection Date Unknown: Tanzania: Dar-es-Salaam: ZMB: 1 [1 - 1 - 1].

Total Specimens for Worth: 1

Wortzel, J.

Collection Date Unknown: South Africa: Pretoria: TM: 1 [1 - 1 - 1].

Total Specimens for Wortzel, J.: 1

Wright and Rautenbach, Ignatius L. (Dr.) [=Naas]

15 October 1981: Zimbabwe: Rustio River: TM: 1 [1 - 1 - 1].
 17 October 1981: Zimbabwe: Umtali mine adit [=Umtali Old mine]: TM: 2 [2 - 2 - 2].
 26 October 1981: Zimbabwe: Chirisa cave: TM: 1 [1] - Sengwa Wildlife area: NHMZ: 1 [1 - 2 - 2].
 29 October 1981: Zimbabwe: Falls road: TM: 16 [16 - 16 - 16].
 1 November 1981: Zimbabwe: Rhodes Matopos national park: NHMZ: 1 [1 - 1 - 1].

Total Specimens for Wright and Rautenbach, Ignatius L. (Dr.) [=Naas]: 22

Wright, Peter J.

28 February 1975: Namibia: Namibia Desert Research Station [=DERU]: NHMZ: 1 [1 - 1 - 1].

Total Specimens for Wright, Peter J.: 1

Yunker, C.E. and Hoogstraal, Harry H.

22 August 1956: Uganda: Kigumba: FMNH: 1 [1 - 1 - 1].**Total Specimens for Yunker, C.E. and Hoogstraal, Harry H.: 1**

Zaphiro, Ph.C. (coll), McMillan, W.N., Esq. (pres).

Collection Date Unknown: Ethiopia: Addis Ababa and Lake Rudolf, between: BMNH: 1 [1 - 1 - 1].**Total Specimens for Zaphiro, Ph.C. (coll), McMillan, W.N., Esq. (pres): 1**

Zech, Graf

Collection Date Unknown: Ghana: Kete Krachi: ZMB: 6 [6] - Kete Kratchi: ZMB: 4 [4 - 10].Togo: no specific locality: ZMB: 12 [12 - 12 - 22].**Total Specimens for Zech, Graf: 22**

Zedlitz

Collection Date Unknown: Algeria: Umasch [=Oumach]: ZMB: 1 [1 - 1 - 1].**Total Specimens for Zedlitz: 1**

Zeller, Leydig

Collection Date Unknown: Guinea: no specific locality: ZMB: 1 [1 - 1 - 1].**Total Specimens for Zeller, Leydig: 1**

Zenker

Collection Date Unknown: Cameroon: Bipindi, Kribi, Bez: ZMB: 47 [47] - no specific locality: ZMB: 4 [4] - Yaounde: ZMB: 5 [5 - 56 - 56].**Total Specimens for Zenker: 56**

Zerny

1 January 1936: Tanzania: Ugano plantation: NMW: 1 [1 - 1 - 1].**Total Specimens for Zerny: 1**

Zimmer, J.T.

14 August 1926: Tanzania: Dar es Salaam: FMNH: 2 [2 - 2 - 2].**18 October 1926:** Tanzania: Ulanga: FMNH: 1 [1 - 1 - 1].**9 December 1926:** Congo (Democratic Republic of the): Katobwe: FMNH: 1 [1 - 1 - 1].**24 December 1926:** Congo (Democratic Republic of the): Kabengere: FMNH: 1 [1 - 1 - 1].**22 March 1927:** Uganda: Masindi: FMNH: 1 [1 - 1 - 1].**28 March 1927:** Uganda: Rhino Camp: FMNH: 1 [1 - 1 - 1].**24 June 1938:** Tanzania: Ugano plantation: NMW: 1 [1 - 1 - 1].**Total Specimens for Zimmer, J.T.: 8**

Zink, G.

30 May 1952: Tanzania: Usangi: SMNS: 1 [1 - 1 - 1].**14 July 1952:** Tanzania: Misingi: SMNS: 1 [1 - 1 - 1].**9 September 1952:** Tanzania: Nashallo: SMNS: 1 [1 - 1 - 1].**Total Specimens for Zink, G.: 3**

Zoo Antwerpen

17 October 1950: "Congo": : KBIN: 1 [1 - 1 - 1].**Total Specimens for Zoo Antwerpen: 1**

Zoological Survey

Collection Date Unknown: South Africa: Onderstepoort: TM: 2 [2 - 2 - 2].

Total Specimens for Zoological Survey: 2

Zumpt, F. (dr.)

Collection Date Unknown: Botswana: Kanye: ZFMK: 4 [4 - 4].

Namibia: Namibia: SMNS: 3 [3] - Outjo: BMNH: 3, SMNS: 2 [5 - 8].

Tanzania: Kondo: ZMB: 2 [2 - 2 - 14].

1 March 1952: South Africa: Marone: BMNH: 1 [1 - 1 - 1].

1 January 1953: South Africa: Nelspruit: SMNS: 1 [1 - 1 - 1].

25 April 1953: South Africa: Nelspruit: SMNS: 1 [1 - 1 - 1].

19 January 1956: Botswana: Dibete: SMNS: 1 [1 - 1 - 1].

15 April 1961: Namibia: Windhoek: ZFMK: 2 [2 - 2 - 2].

9 March 1965: South Africa: Hluhluwe Game Reserve: ZFMK: 1 [1 - 1 - 1].

5 April 1965: South Africa: Hluhluwe Game Reserve: ZFMK: 2 [2 - 2 - 2].

Total Specimens for Zumpt, F. (dr.): 23

Grand total: 24891

Appendix 4b: Chronological

Voucher specimen records sorted by collection date, country and locality and collector.

Underlined numbers indicate the number of specimens collected by a collector. Bold numbers represent the number of specimens for the locality, and bold and underlined numbers represent the totals for the specific country.

Collection Date Unknown

- "Africa":** : ? : Collector Unknown: TM: 1 [1]; Rosevear, D.R. (dr.): BMNH: 8 [8 - 9] - "Lobito Voay": Chapman, Jan: SAMC: 1 [1 - 1] - Africa: ? : Collector Unknown: MZUF: 1 [1]; de Selys-Longschamps: KBIN: 1 [1 - 2] - Bornili an the Amwini river: Schubotz: ZMB: 2 [2 - 2] - Caffraria?: Wahlberg, J. (Stockholm Museum): ZMB: 1 [1 - 1] - Central Africa: ? : Collector Unknown: NMBE: 7 [7 - 7] - Eastern Africa: ? : Collector Unknown: NMW: 1 [1]; Glauning: ZMB: 1 [1]; Neumann: ZMB: 1 [1]; van den Decken: ZMB: 1 [1 - 4] - Great lakes area, East Africa: For, M.: MNHN: 1 [1 - 1] - Insizwe Mine: Taylor, Peter John (Dr.): DNSM: 1 [1 - 1] - Kester, Kosterfontein: Roberts, Austin: TM: 1 [1 - 1] - Lobatsi, Korng Nature Reserve: Arnold, H.G.: TM: 1 [1 - 1] - Mfutululu: ? : Collector Unknown: DNSM: 1 [1 - 1] - Mootshane: ? : Collector Unknown: DNSM: 1 [1 - 1] - Naimniam: Bohndorff: ZMB: 3 [3 - 3] - Niamniam: Bohndorff: ZMB: 1 [1 - 1] - Northeastern Africa: Ehrenberg: ZMB: 1 [1 - 1] - Northern Africa: Mission Frantf...: SMNS: 1 [1]; Verreaux, J.P.: AMNH: 1 [1 - 2] - Ruwenzori West: Hackard: RMCA: 1 [1 - 1] - S-Africa: Schultz: ZMB: 2 [2 - 2] - Sahara: ? : Collector Unknown: MHNG: 1 [1 - 1] - South Africa: ? : Collector Unknown: BMNH: 1 [1 - 1] - Unknown locality: ? : Collector Unknown: BMNH: 6, MNHN: 3, RMCA: 2, RMNH: 2, USNM: 1, ZFMK: 1 [15]; Christie, J. (dr.): RMCA: 2 [2]; Earl, P.: KBIN: 1 [1]; Fain, Alexandre (Dr.): RMCA: 5 [5]; Tomes Collection: BMNH: 1 [1 - 24] - West Africa: ? : Collector Unknown: TM: 2 [2 - 2] - Woodbush: Roberts, Austin: TM: 1 [1 - 1 - 71].
- "Congo":** : ? : Collector Unknown: MIZT: 1 [1]; Thellon, M.: MNHN: 2 [2 - 3 - 3].
- "Senegal or Mauritania":** : Institut Pasteur Dakar: MNHN: 15 [15 - 15 - 15].
- Algeria:** : von Geyr?: ZMB: 2 [2 - 2] - Ain Mokra: Spatz: ZMB: 3 [3 - 3] - Algiers: Gotsch: ZMB: 1 [1]; Nehring, Alfred: ZMB: 1 [1]; Spatz: ZMB: 5 [5]; Verreaux: ZMB: 2 [2]; Wagner, coll. Nehring: ZMB: 1 [1 - 10] - Annaba: ? : Collector Unknown: UANK: 2 [2 - 2] - Biskra: Heymons: ZMB: 4 [4]; Koenig, Alexander: ZFMK: 3 [3 - 7] - Heljani: Ducrot, M.: MNHN: 2 [2 - 2] - Laghouat: Laenen, J.: FMNH: 1 [1]; Lataste collection: MNHN: 1 [1 - 2] - no specific locality: Doria, Giacomo (Marchese): ZMB: 4 [4]; Verreaux: ZMB: 1 [1 - 5] - Oran: Pallary, Paul: MNHN: 1 [1]; Wagner, Johann Andreas: ZMB: 1 [1 - 2] - Ouargla: Fatio, V.: MHNG: 1 [1]; Lataste collection: MNHN: 1 [1 - 2] - Ouarsenis, Djebel: Laurent, R. (Prof. Dr.): MNHN: 1 [1 - 1] - Oumash: ? : Collector Unknown: BMNH: 1 [1 - 1] - Pool: James, D.K.: BMNH: 1 [1 - 1] - Tit: Back, H.E.: ZFMK: 1 [1 - 1] - Umasch [=Oumach]: Zedlitz: ZMB: 1 [1 - 1 - 42].
- Angola:** : Wollwitsch: BMNH: 1 [1 - 1] - Alto Chicapa: ? : Collector Unknown: BMNH: 1 [1 - 1] - Angola: Chatelain: USNM: 1 [1]; Monard, A. (Dr.): MHNG: 1 [1]; Wollwitsch: BMNH: 1 [1 - 3] - Benguela: Barboza du Bocage, José Vicente: MZUF: 1 [1]; Monteiro: ZMB: 7 [7]; Wellman, Dr. F.C.: BMNH: 1 [1 - 9] - Benguella [= Benguela]: ? : Collector Unknown: BMNH: 1 [1 - 1] - Biballe and Rio Coroca, Caconda: ? : Collector Unknown: BMNH: 1 [1 - 1] - Bungo: Ansoerge, W.J. (dr.): BMNH: 1 [1 - 1] - Caconda: Anchieta, José Alberto de Oliveira: BMNH: 1 [1 - 1] - Caconda [= Cuango]: ex Museum Lissabon: ZMB: 1 [1 - 1] - Cahata: ? : Collector Unknown: BMNH: 1 [1]; Anchieta, José Alberto de Oliveira: MNHN: 1 [1 - 2] - Capolopop: ? : Collector Unknown: IICA: 3 [3 - 3] - Catumbella: ex Museum Lissabon: ZMB: 1 [1 - 1] - Catumbella [= Benguella]: Ausoy?, K.J.: BMNH: 1 [1 - 1] - Chinchoxo: Afrikanische Gesellschaft: ZMB: 8 [8]; Falkenstein: ZMB: 10 [10 - 18] - Chitau: ? : Collector Unknown: AMNH: 5 [5]; Lang, Herbert and Boulton: AMNH: 1 [1]; Vernay, Arthur S.: AMNH: 14 [14 - 20] - Concórdia: Wilhelm: ZMB: 1 [1 - 1] - Cunga: ? : Collector Unknown: USNM: 1 [1 - 1] - Dande [= Dando], 35 km E: ? : Collector Unknown: AMNH: 1 [1 - 1] - Dando, 35 km E: Vernay, Arthur S.: AMNH: 1 [1 - 1] - Dondo: Ansoerge, W.J. (dr.): BMNH: 3 [3 - 3] - Dundo: ? : Collector Unknown: BMNH: 1, CNHM: 1 [2 - 2] - Dundo Lundo: ? : Collector Unknown: BMNH: 1 [1]; Barros Machados, A.: FMNH: 5 [5]; Dundo Museum, the: BMNH: 4 [4 - 10] - Duque de Bragança: Ansoerge, W.J. (dr.): BMNH: 1 [1 - 1] - Duque de Bragança [=Calandula]: Bocage: ZMB: 1 [1]; ex Museum Lissabon: ZMB: 1 [1 - 2] - Galanga: Anchieta, José Alberto de Oliveira: MNHN: 2 [2 - 2] - Golungo Alto [=syn Golundo Alto]: Welwitsch, F.: BMNH: 1 [1 - 1] - Humbe: Anchieta, José Alberto de Oliveira: MSNG: 1 [1]; Bocage: ZMB: 1 [1]; Monard, A. (Dr.): MHNG: 1 [1 - 3] - Lac Calundo: ? : Collector Unknown: BMNH: 2 [2 - 2] - Litambo: Lademann: ZMB: 5 [5 - 5] - Luanda: Gleim: ZMB: 1 [1 - 1] - Malange [=Malanje]: Ansoerge, W.J. (dr.): BMNH: 1 [1]; Buchner: ZMB: 1 [1]; Mechow: ZMB: 4 [4 - 6] - Moks, mount: Burrard, C. (Maj.) and Jordan, Karl (dr.): BMNH: 1 [1 - 1] - Namibe [=syn Mossamedes, Mocamedes]: ex Lisbon Museum: BMNH: 1 [1 - 1] - NE Angola: ? : Collector Unknown: BMNH: 1 [1 - 1] - N'Kuta, Loango: Ansoerge, W.J. (dr.) / Brit. Museum: ZMB: 1 [1 - 1] - no specific locality: ex Museum Lissabon: ZMB: 1 [1]; Toulson, Museum Bocage: ZMB: 1 [1]; Welwitsch, F.: ZMB: 1 [1 - 3] - Otjipomenima: Van de Kellen, P.J.: RMNH: 1 [1 - 1] - Pungo Andongo [Quibula, Cahata]: Falkenstein: ZMB: 1 [1 - 1] - Quibula, Cahata, north of Quanza River, Pungo Andongo: Anchieta, José Alberto de Oliveira: BMNH: 1 [1 - 1] - Rio Coroca: ? : Collector Unknown: BMNH: 1 [1 - 1] - Sangueve: Monard, A. (Dr.): MHNG: 1 [1 - 1] - Tshiumbe [=syn Tyhumbwe, Tyhumbwe, Chiumbe] river, tributary of Kasai river: ? : Collector Unknown: AMNH: 1, MHNC: 3 [4 - 4 - 122].
- Angola (?):** Angola: ? : Collector Unknown: BMNH: 1 [1 - 1 - 1].
- Azores [Portugal]:** St Michael: DuCane Godman, F., Esq.: BMNH: 1 [1 - 1 - 1].
- Benin:** "Dahomey": ? : Collector Unknown: MNHN: 1 [1 - 1] - Bimbereke: LeDuc, J.W.: USNM: 4 [4]; Robbins, C. Brian: USNM: 6 [6 - 10] - Diho: Robbins, C. Brian: USNM: 1 [1 - 1] - Groß-Popo [= Grand-Popo]: Bloess: ZMB: 1 [1 - 1] - Guene: LeDuc, J.W.: USNM: 6 [6]; Robbins, C. Brian: USNM: 9 [9 - 15] - Kouande: Aschemeier, C.R.: USNM: 2 [2]; LeDuc, J.W.: USNM: 6 [6]; Robbins, C. Brian: USNM: 2 [2 - 10] - Nikki: LeDuc, J.W.: USNM: 1 [1]; Robbins, C. Brian: USNM: 4 [4 - 5] - no specific locality: ? : Collector Unknown: MNHN: 1 [1 - 1] - Parakou: LeDuc, J.W.: USNM: 3 [3]; Robbins, C. Brian: USNM: 1 [1 - 4] - Segbana: Robbins, C. Brian: USNM: 1 [1 - 1] - Zizonkame: LeDuc, J.W.: USNM: 1 [1 - 1 - 50].
- Botswana:** Drodsky cave: Haacke, W. and Prozesky, O.P.M.: USNM: 3 [3]; Herbert, H.J.: USNM: 7 [7 - 10] - Drotzky's Cave: ? : Collector Unknown: NHMZ: 14 [14]; Marshall Exp.: TM: 1 [1 - 15] - Four Rivers Camp: ? : Collector Unknown: NHMZ: 9 [9 - 9] - Goho Hills: Vernay Expedition and Lang, Herbert: TM: 1 [1 - 1] - Kanye: Zumpt, F. (dr.): ZFMK: 4 [4 - 4] -

- Kuruman: Dent, R.E.: BMNH: 1 [1 - 1] - Kurunxaraga [= Xugana Lagoon]: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Kwai Mababe Flats: ? : Collector Unknown: TM: 1 [1 - 1] - Maun: ? : Collector Unknown: NHMZ: 1 [1]; Smithers, R.H.N.: SMF: 1 [1]; V.L.K.E.: TM: 2 [2 - 4] - Ngami, lake: Woosnam, R.B.: BMNH: 1 [1 - 1] - Nitani: ? : Collector Unknown: TM: 1 [1 - 1] - Nthane: ? : Collector Unknown: NHMZ: 9 [9 - 9] - Pom Pom Okovango: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Sepopa: ? : Collector Unknown: NHMZ: 1 [1]; Goussard, S.W.: USNM: 1 [1]; Liversedge, T.N.: USNM: 1 [1 - 3] - Sepope: Liversedge, T.M.: USNM: 1 [1 - 1] - Shakawe: Goussard, S.W.: USNM: 4 [4]; Liversedge, T.N.: USNM: 5 [5 - 9] - Tsanogo: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Xugana: Archer, A.L.: USNM: 2 [2]; Carter, W.T. (Mrs.): USNM: 4 [4 - 6 - 78].
- British East Africa:** Baruma: Rosenberg, G.: ZFMK: 1 [1 - 1 - 1].
- Burkina Faso:** Azly: Vaden, R.E.: USNM: 1 [1 - 1] - Boussouma, 5 km N: Vaden, R.E.: USNM: 2 [2 - 2] - Cella, 1 km N: Vaden, R.E.: USNM: 2 [2 - 2] - Founzan: Vaden, R.E.: USNM: 9 [9 - 9] - Koutoura, 5 km SW: Vaden, R.E.: USNM: 5 [5 - 5] - Lawra: Cansdale, George Soper: BMNH: 2 [2 - 2] - Natiaboani: Vaden, R.E.: USNM: 2 [2 - 2] - Nouna: Ermert, A.: SMF: 1 [1]; Ernest, A.: SMF: 1 [1 - 2] - Ouagadougou: Vaden, R.E.: USNM: 7 [7 - 7] - Ougarou: Vaden, R.E.: USNM: 7 [7 - 7 - 39].
- Burundi:** Bujumbura: ? : Collector Unknown: KBIN: 4, RMCA: 1 [5]; Lervall, Prof.: RMCA: 1 [1]; Lewall, Prof.: RMCA: 1 [1]; Verschuren, Jacques: KBIN: 2 [2 - 9] - Bujumbura, 7 km NW: Stephen, H.: SMF: 2 [2 - 2 - 11].
- Burundi?:** Russissi, bank [=Rusizi delta]: Grauer, Rudolf: ZMB: 2 [2 - 2 - 2].
- Cameroon:** Abidjan, 15 km NW: ? : Collector Unknown: AMNH: 2 [2 - 2] - Aboubou: ? : Collector Unknown: RMCA: 2 [2 - 2] - Aimako: ? : Collector Unknown: RMCA: 1 [1 - 1] - Ajos Höhe [=Ajos Heights]: Reichenow: ZMB: 2 [2 - 2] - Akonolinga: Freyer: ZMB: 1 [1 - 1] - Bafia area: Tessmann: ZMB: 1 [1 - 1] - Balue mountains: Konietzko: ZMB: 4 [4 - 4] - Bamenda: Glauning: ZMB: 1 [1 - 1] - Bamundjinda: Adametz: ZMB: 1 [1 - 1] - Bana: Glauning: ZMB: 1 [1 - 1] - Banjun: Glauning: ZMB: 2 [2 - 2] - Bashau: Sanderson, Ivan T.: BMNH: 5 [5 - 5] - Basha: ? : Collector Unknown: ZMB: 1 [1]; von Oertzen: ZMB: 2 [2 - 3] - Bebai: Tessmann: ZMB: 2 [2 - 2] - Besogabang: Sanderson, Ivan T.: BMNH: 3 [3 - 3] - Bibundi: Lampe, Prof. E.: BMNH: 1 [1 - 1] - Bimbia [near Victoria]: Eisentraut, Martin: ZMB: 23 [23 - 23] - Bipindi, Kribi, Bez: Sjöstedt, Y.: ZMB: 1 [1]; Zenker: ZMB: 47 [47 - 48] - Bitye: Bates, G.L.: BMNH: 3, RMCA: 1 [4]; Bates, G.L. and Rosenberg, G.: ZMB: 1 [1]; ex Museum London, durch Rosenberg: ZMB: 1 [1]; Rosenberg: ZMB: 1 [1]; Rosenberg, W.F.H.: ZFMK: 1 [1 - 8] - Bonge: Sjöstedt, Y.: ZMB: 3 [3 - 3] - Bosum [syn Bozum], Uam: Tessmann: ZMB: 8 [8 - 8] - Buea: ? : Collector Unknown: ZMB: 1 [1]; Eisentraut, Martin: ZMB: 5 [5]; Preuss: ZMB: 2 [2 - 8] - Cameroon: ? : Collector Unknown: RMCA: 2 [2]; Louette, Michel and Puylaert, Firmin: RMCA: 2 [2]; Phillipart: RMCA: 2 [2 - 6] - Campo: ? : Collector Unknown: RMCA: 6 [6 - 6] - Dimako: ? : Collector Unknown: RMCA: 9 [9 - 9] - Ebogo: ? : Collector Unknown: RMCA: 3 [3 - 3] - Ebolowa: Schwab, G. (Rév.): MCZ: 4 [4 - 4] - Edéa: Rohde: ZMB: 5 [5 - 5] - Efulen: Bates, G.L.: BMNH: 8 [8 - 8] - Eseka: ? : Collector Unknown: RMCA: 1 [1 - 1] - Eseka, 9 km N: ? : Collector Unknown: AMNH: 1 [1 - 1] - Fenda: Schultze, A. (Hesz A.F.M. Exp 1910/11): SMF: 1 [1 - 1] - Huki: Sjöstedt, Y.: ZMB: 1 [1 - 1] - Ikare Plantation: ? : Collector Unknown: RMCA: 1 [1 - 1] - Indian Estates: Jones, Theo Simpson: BMNH: 2 [2 - 2] - Isongo [=Izongo]: Eisentraut, Martin: ZMB: 19 [19 - 19] - Jauro Masali: ? : Collector Unknown: SMNS: 5, ZFMK: 5 [10 - 10] - Johan-Albrechtshöhe: Conrad: ZMB: 1 [1 - 1] - Klein Batonga: Kaiser: ZMB: 1 [1 - 1] - Kribi: Morgen: ZMB: 1 [1 - 1] - Kumba: ? : Collector Unknown: ROM: 2 [2 - 2] - Kumba, 15 km S: ? : Collector Unknown: ROM: 1 [1 - 1] - Kundja [=Koundja]: ? : Collector Unknown: ZMB: 2 [2 - 2] - Lomie: ? : Collector Unknown: ROM: 1 [1 - 1] - Lomie district: ? : Collector Unknown: RMCA: 1 [1]; Merfield, F.G.: BMNH: 1 [1 - 2] - Lomie, 40 km N: ? : Collector Unknown: ROM: 1 [1 - 1] - Longji: Paschen: ZMB: 1 [1 - 1] - Lulu: ex Museum London: ZMB: 1 [1 - 1] - Malanga: Melchow: ZMB: 1 [1 - 1] - Mamfe: Mack: ZMB: 1 [1]; Sanderson, Ivan T.: BMNH: 1 [1 - 2] - Mang: ? : Collector Unknown: RMCA: 9 [9 - 9] - Mawutu Village: ? : Collector Unknown: ROM: 2 [2 - 2] - Méséa: ? : Collector Unknown: RMCA: 5 [5 - 5] - Metet: Schwab, G. (Rév.): MCZ: 2 [2 - 2] - Meye Nkoulou: ? : Collector Unknown: RMCA: 23 [23 - 23] - Mieri: ? : Collector Unknown: RMCA: 19 [19 - 19] - Moba [stream]: ? : Collector Unknown: ZMB: 1 [1 - 1] - Mokolo: ? : Collector Unknown: RMCA: 12 [12 - 12] - Mount Cameroon: ? : Collector Unknown: BMNH: 1 [1 - 1] - Mubange [=Mobange-Isongo]: Eisentraut, Martin: ZMB: 2 [2 - 2] - Mukonje: Eisentraut, Martin: ZMB: 13 [13 - 13] - Mungo Anchoncho [Moungo river?]: Buchholz: ZMB: 5 [5 - 5] - Murkoryé: Rhode: MHNG: 1 [1 - 1] - MVE II, cave: ? : Collector Unknown: ROM: 6 [6 - 6] - Ndian [river]: Sjöstedt, Y.: ZMB: 3 [3 - 3] - Ndjole, 4 km N: Peterson, Randolph L.: ROM: 1 [1 - 1] - Ndjole, 6 km N: Peterson, Randolph L.: ROM: 1 [1 - 1] - Ngia: Houy: ZMB: 1 [1 - 1] - Njombo River: ? : Collector Unknown: ROM: 7 [7 - 7] - Nkometou: ? : Collector Unknown: RMCA: 4 [4 - 4] - Nkounden: ? : Collector Unknown: RMCA: 1 [1 - 1] - no specific locality: ? : Collector Unknown: ZMB: 1 [1]; Buchholz: ZMB: 4 [4]; Conrad: ZMB: 1 [1]; Haber: ZMB: 7 [7]; Martienssen: ZMB: 1 [1]; Preuss: ZMB: 2 [2]; Reichenow: ZMB: 1 [1]; Riggerbach: ZMB: 2 [2]; Stift: ZMB: 1 [1]; Strunck: ZMB: 1 [1]; Zenker: ZMB: 4 [4 - 25] - Nsannakang [=Nsanakang]: Diehl, E. (Dr.): ZMB: 4 [4 - 4] - Obala, 12 km S, 4 km E: ? : Collector Unknown: ROM: 2 [2 - 2] - Obala, 82 km NE: ? : Collector Unknown: AMNH: 1 [1 - 1] - Ossa, Lake: Rohde: ZMB: 1 [1 - 1] - Ossingé [=Mamfé]: Mansfeld: ZMB: 9 [9 - 9] - Oveng: ? : Collector Unknown: RMCA: 6 [6 - 6] - Poli: ? : Collector Unknown: RMCA: 1 [1 - 1] - Sakbayeme: Schwab, G.: MCZ: 1 [1 - 1] - Sangmelima: Rolle, Hermann: ZMB: 1 [1 - 1] - Tello: Hulselmans, Jan; Louette, Michel and Selsens, M.: RMCA: 1 [1 - 1] - Tibati: ? : Collector Unknown: RMCA: 2 [2 - 2] - Tombel: Eisentraut, Martin: ZMB: 1 [1 - 1] - Touroua: ? : Collector Unknown: RMCA: 1 [1 - 1] - Victoria: Böttcher: ZMB: 1 [1]; Hesselbarth: ZMB: 1 [1]; Krone: ZMB: 29 [29]; Strunck: ZMB: 2 [2 - 34] - Waza: ? : Collector Unknown: RMCA: 19 [19]; Böhme, W. and Hartwig: ZFMK: 2 [2]; De Vree, Frits: RMCA: 3 [3]; De Vree, Frits; Hulselmans, Jan; and Gevaerts: RMCA: 1 [1]; Puylaert, Firmin: RMCA: 4 [4 - 29] - Yagoua: ? : Collector Unknown: RMCA: 71 [71]; Puylaert, Firmin: RMCA: 9 [9 - 80] - Yaounde: Carnap-Querheim: ZMB: 1 [1]; Haber: ZMB: 4 [4]; Zenker: ZMB: 5 [5 - 10] - Yoko, 4 km S: ? : Collector Unknown: ROM: 1 [1 - 1] - Zoulabot II: ? : Collector Unknown: RMCA: 2 [2 - 2 - 555].
- Canary Islands [Spain]:** La Palma: ? : Collector Unknown: BMNH: 1 [1 - 1 - 1].
- Cape Verde:** Fogo isalnd: ? : Collector Unknown: BMNH: 2, MZUF: 2, USNM: 1 [5]; Foa, L.: USNM: 1 [1 - 6] - Maio island: ? : Collector Unknown: MNHN: 2 [2 - 2] - Maio island, Vila do Maio: ? : Collector Unknown: MNHN: 1 [1 - 1] - Santiago island, Pedra Badejo: ? : Collector Unknown: MNHN: 3 [3 - 3] - Santiago island, Trindade: ? : Collector Unknown: MNHN: 1 [1 - 1] - Santo Antão island, Ribeira Grande: ? : Collector Unknown: MZUF: 2 [2 - 2] - São Vicente island: ? : Collector Unknown: MZUF: 3 [3 - 3 - 18].
- Central African Republic:** Bangui: ? : Collector Unknown: MNHN: 2 [2]; Chippaux, dr.: MNHN: 3 [3]; Institut Pasteur: MNHN: 1 [1 - 6] - Boukoko: Pujol, R.: MNHN: 3 [3 - 3] - Ngotto forest: ? : Collector Unknown: Rennes: 1 [1 - 1 - 10].
- Chad:** Bebedjia: ? : Collector Unknown: ZMA: 8 [8]; Lourens, J.H.: ZMA: 1 [1 - 9] - Djiboulboul: Vieliard, J.: MHNG: 3 [3 - 3] - Fort Archambault: Schubolz, H.: SMF: 2 [2 - 2] - Goré: Houy, Lagone, Grenz: ZMB: 1 [1 - 1] - Guidari: Weber, W.: USNM: 2 [2 - 2] - Kyabe: Barton, O.: AMNH: 1 [1 - 1] - Melfi: Mecklenburg, Adolf Fritz zu (Herzog): ZMH: 1 [1 - 1] - N'Djamena: Malbrant, R.: USNM: 2 [2 - 2] - Tibesti: Tibesti Expedition: RMCA: 2 [2 - 2 - 23].

Chad?: Korkoru [=Korkoro ?]: von Erlanger: ZMB: 1 [1 - 1 - 1].

Comoro Islands: Anjouan island: ? : Collector Unknown: BMNH: 1, ZMB: 1 [2]; Frank: ZMB: 1 [1]; Hildebrandt, J.M.: ZMB: 3 [3]; Humboldt: ZMB: 1 [1]; Peters: ZMB: 1 [1]; Peters, W.C.H.: ZMB: 1 [1]; Voeltzkow: ZMB: 7 [7 - 16] - Bambao: Voeltzkow: ZMB: 1 [1 - 1] - Comoro Islands: Hildebrandt, J.M.: ZMB: 1 [1]; Voeltzkow: ZMB: 1 [1 - 2] - Grand Comoro island: ? : Collector Unknown: BMNH: 1 [1]; Voeltzkow: ZMB: 4 [4 - 5] - Johanna Island [=Anjouan Island]: Frank: ZMB: 1 [1]; Mason: ZMB: 1 [1 - 2] - Mayotte [island]: Pollen: ZMB: 2 [2 - 2] - near Boboni: ? : Collector Unknown: ZFMK: 1 [1 - 1] - no specific locality: ? : Collector Unknown: BMNH: 3 [3 - 3 - 32].

Congo: Congo [Brazzaville]: Thollon, Mr.: MNHN: 1 [1 - 1] - Grotte du Viaduc: Adam, Jean-Paul: MNHN: 1 [1 - 1] - Inyanga: Payne-Smit, H.A.W.: ZMA: 1 [1 - 1] - Kunda: Jones, Theo Simpson: HZM: 3 [3 - 3] - Majumba: Gilson, M.: RMCA: 1 [1]; Petit, F.: MNHN: 1 [1 - 2] - Mayumbe: ? : Collector Unknown: RMCA: 1 [1]; Gilson, M.: RMCA: 1 [1 - 2] - Oubangi: Othegraven: ZMB: 1 [1 - 1] - Tschiloango [=Tchilounga]: Ansorge, W.J. (dr.): ZMB: 1 [1 - 1 - 12].

Congo (Democratic Republic of the): : Novick, A.: MCZ: 2 [2]; Verlaine: RMCA: 1 [1 - 3] - Albert Park: de Witte, G.F. et al: RMCA: 1 [1]; Verschuren, Jacques: KBIN: 41 [41 - 42] - Albertville [=Kalemie]: ? : Collector Unknown: RMCA: 5 [5]; Heck, J.: RMCA: 1 [1]; Royal Museum of Central Africa: BMNH: 1 [1 - 7] - Alima: ? : Collector Unknown: RMCA: 1 [1 - 1] - Ambarau: Dewulf, H.: RMCA: 1 [1 - 1] - Avakubi: ? : Collector Unknown: AMNH: 1 [1]; Bequaert, J. (dr.): RMCA: 1 [1]; Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 3] - Babeke Isai River: ? : Collector Unknown: HZM: 3 [3 - 3] - Bamanya: Hulsart, R.P. and Leonet, R.P.: RMCA: 1 [1 - 1] - Bambesa: ? : Collector Unknown: RMCA: 2 [2 - 2] - Bambu: ? : Collector Unknown: KBIN: 1 [1 - 1] - Bamingni-Bangoran National Park [= Bamingui-Bangoran National Park]: Spinage, C.A. (dr.): BMNH: 2 [2 - 2] - Banana: ? : Collector Unknown: SMF: 1 [1]; Anema, L.: ZMA: 1 [1]; Mesmaeckers, Is.: RMCA: 7 [7 - 9] - Baraka: Grauer, Rudolf: ZMB: 1 [1 - 1] - Bata: ? : Collector Unknown: MNHN: 1 [1 - 1] - Bela: ? : Collector Unknown: KBIN: 1 [1 - 1] - Beni: Bonnevie, Lt.: RMCA: 1 [1 - 1] - Beno: Bayet, P.: RMCA: 10 [10 - 10] - Bitshumbi: de Witte, G.F. et al: RMCA: 3 [3 - 3] - Boende: Fain, Alexandre (Dr.) and Lootens, E.P.P.: RMCA: 1 [1]; Lootens, P. (Rev.): RMCA: 85 [85 - 86] - Bokuma: ? : Collector Unknown: RMCA: 1 [1]; Lootens, P. (Rev.): RMCA: 48 [48 - 49] - Bolobo: Schouteden, H.: RMCA: 5 [5 - 5] - Boma: Bartevelle: RMCA: 1 [1]; Hesse, P.: SMF: 1 [1]; Mesmaeckers, Is.: RMCA: 2 [2]; Schwarz, Ernst (dr.): RMCA: 4 [4]; Styczynski: RMCA: 1 [1 - 9] - Boteka: Lootens, P. (Rev.): RMCA: 7 [7 - 7] - Buhatu valley: ? : Collector Unknown: AMNH: 1 [1 - 1] - Bukavu: Prigogine, A.: RMCA: 1 [1 - 1] - Bumba: Lootens, P. (Rev.): RMCA: 1 [1]; WHO and Marc Colyn: RMCA: 1 [1 - 2] - Buta: Hutsebaut, J. (Rev. Fr.): RMCA: 24 [24 - 24] - Butembo: Dyleff, P.: RMCA: 10 [10 - 10] - Congo: de Witte, G.F. et al: RMCA: 1 [1]; Heusgens, Dr.: RMCA: 1 [1]; Jans, E. (Rev.): RMCA: 1 [1]; WHO and Marc Colyn: RMCA: 1 [1 - 4] - Congo da Lemba: Mayné: RMCA: 8 [8 - 8] - Congo river, 75 mi up: Bates, G.L.: USNM: 1 [1 - 1] - Costermansville: Bomans, H.: RMCA: 1 [1 - 1] - Dethiox caves: Ancaux de Faveaux, Felix: SMF: 2 [2 - 2] - Dikulwe river: Neuve: BMNH: 1 [1 - 1] - Dilolo: Hutsebaut, J. (Rev. Fr.): RMCA: 1 [1 - 1] - Djamba: Schouteden, H.: RMCA: 1 [1 - 1] - Duma: Herzog, A.T.M.: SMF: 1 [1]; Tr. z. U., Mr. Ad.: ZMH: 2 [2 - 3] - Dungu: Hutereau: RMCA: 9 [9]; Schouteden, H.: RMCA: 1 [1 - 10] - Eala: Ghesquière, J.: RMCA: 2 [2 - 2] - Eastern Congo: Laarman, J.J.: RMNH: 1 [1 - 1] - Elisabethville [=Lubumbashi]: De Smet, Dr.: RMCA: 1 [1]; Quarré: RMCA: 2 [2]; Schouteden, H.: RMCA: 3 [3 - 6] - Epulu: Poll, Max: RMCA: 1 [1 - 1] - Eringete: ? : Collector Unknown: KBIN: 1 [1 - 1] - Fataki area: Verschuren, Jacques: KBIN: 1 [1 - 1] - Funda Biabo: Charliers: RMCA: 1 [1 - 1] - Gandu: Thierry: ZMB: 1 [1 - 1] - Gangala-na-Bodio: Poll, Max: RMCA: 2 [2 - 2] - Garamba Park: ? : Collector Unknown: KBIN: 2 [2]; de Saeger, H. et al.: KBIN: 1, RMCA: 3 [4 - 6] - Haute Congo: Rotterdamse Diergaard: RMNH: 1 [1 - 1] - How...: Laarman, J.J.: RMNH: 1 [1 - 1] - Ibambi: Reitter, Mlle: RMCA: 2 [2 - 2] - Ibembo: Hutsebaut, J. (Rev. Fr.): BMNH: 2 [2 - 2] - Ikela: Lootens, P. (Rev.): RMCA: 3 [3 - 3] - Irangi: Heller, K.G. and Volleth, Marianne: SMF: 3 [3]; Stephen, H.: SMF: 1 [1 - 4] - Irsac labo: Andersen, Th.: ZFMK: 1 [1]; Bredo, H.J.: ZFMK: 2 [2 - 3] - Irumu: Leopold, prince of Belgium: RMCA: 1 [1 - 1] - Ituri Forest: de Walden, H. (Lord): BMNH: 1 [1]; Dent, R.E. and Woosnam, R.B.: BMNH: 1 [1 - 2] - Kabalo: Schouteden, H.: RMCA: 1 [1 - 1] - Kabongo: Dierckx, M.: RMCA: 2 [2 - 2] - Kadin: de Witte, G.F. et al: RMCA: 1 [1 - 1] - Kadjuju: Babault, Guy: RMCA: 6 [6 - 6] - Kakanda cave: de Caters, R.P. Th.: BMNH: 1, RMCA: 3 [4]; Royal Museum of Central Africa: BMNH: 1 [1 - 5] - Kakoi: Leirs, Herwig et al.: MSB: 1 [1 - 1] - Kakontwe, cave: Poelman, L.: RMCA: 1 [1 - 1] - Kalenda Kasai: Bouillon, R.P. A.: KBIN: 1 [1 - 1] - Kalima: Deheyn, Jean Jacques: RMCA: 1 [1 - 1] - Kamatanda: Ancaux de Faveaux, Felix: SMF: 2 [2 - 2] - Kamituga: Prigogine, A.: RMCA: 2 [2 - 2] - Kamponde: De Roo, Antoon: RMCA: 7 [7 - 7] - Karawa: Wallin, R.P.: RMCA: 1 [1 - 1] - Kasai province: ? : Collector Unknown: RMCA: 1 [1]; Achten: RMCA: 1 [1 - 2] - Kasaka: ? : Collector Unknown: RMCA: 1 [1 - 1] - Kasanga: Schwarz, Ernst (dr.): RMCA: 1 [1 - 1] - Kasenga: De Smet, Dr.: RMCA: 1 [1 - 1] - Kasindi: Schubotz: ZMB: 1 [1 - 1] - Kasoma cave: Ancaux de Faveaux, Felix: SMF: 9 [9 - 9] - Katanda, lake: Pileth: RMCA: 1 [1 - 1] - Kataye Sukunga: Fourche, Dr.: RMCA: 1 [1 - 1] - Katobwe: ? : Collector Unknown: FMNH: 1 [1 - 1] - Kiamokoto: ? : Collector Unknown: KBIN: 2 [2 - 2] - Kikwit: Leirs, Herwig et al.: MSB: 234, RMCA: 236 [470 - 470] - Kikwit, Palm Plantation: ? : Collector Unknown: TM: 20 [20 - 20] - Kilo: ? : Collector Unknown: RMCA: 1 [1 - 1] - Kilwa: Bredo, H.J.: RMCA: 1 [1 - 1] - Kimilolo: De Smet, Dr.: RMCA: 1 [1 - 1] - Kinawa passage, confluence Thyuma & Semliki: ? : Collector Unknown: KBIN: 1 [1 - 1] - Kinzambi mission: Leirs, Herwig et al.: MSB: 1 [1 - 1] - Kisangani: ? : Collector Unknown: AMNH: 1 [1 - 1] - Kisangani-Ituri: Colyn, Marc: RMCA: 4 [4 - 4] - Kivu, lake: KEA-Mission: KBIN: 1 [1 - 1] - Koloka: ? : Collector Unknown: ZMH: 1 [1]; Schubotz, H.: SMF: 2 [2 - 3] - Koteli: Schouteden, H.: RMCA: 3 [3 - 3] - Kunungu: Schouteden, H.: RMCA: 14 [14 - 14] - lake Tanganyika, NW bank: Grauer, Rudolf: ZMB: 1 [1 - 1] - Leopoldville [=Kinshasa]: Fiasse, R.: RMCA: 1 [1]; Misonne, Xavier: KBIN: 1 [1]; Richard, Dr.: RMCA: 1 [1 - 3] - Leverville: Tinant, Mme: RMCA: 1 [1 - 1] - Loondo Mugunga: de Loneux, Gonze: KBIN: 1 [1 - 1] - Lovoi: Quarré: RMCA: 1 [1 - 1] - Lubenge Marunga mountains: Rockefeller, J. Sterling: AMNH: 1 [1 - 1] - Lubudi: Ancaux de Faveaux, Felix: SMF: 2 [2 - 2] - Lubumbashi: ? : Collector Unknown: RMCA: 1 [1]; Peelman: KBIN: 4 [4]; Richard, Dr.: RMCA: 1 [1 - 6] - Lukolela: Ghesquière, J.: RMCA: 1 [1 - 1] - Lulimba: Lejeune: RMCA: 1 [1 - 1] - Luluabourg: ? : Collector Unknown: BMNH: 2 [2]; Callewaert, P.: BMNH: 8, RMCA: 1 [9]; Callewaert, R.: BMNH: 1 [1 - 12] - Luluabourg [=Kananga]: Callewaert, P.: BMNH: 2, RMCA: 3 [5]; De Roo, Antoon: RMCA: 2 [2]; Deheegher, Jan: RMCA: 6 [6]; Dekeegher, J.: RMCA: 1 [1 - 14] - Luluaburg [=Kananga]: ex Museum Basel: ZMB: 2 [2 - 2] - Lusambo: Ghesquière, J.: RMCA: 7 [7 - 7] - Mahagi Port: Heck, J.: BMNH: 1 [1 - 1] - Makala: Christie, J. (dr.): RMCA: 1 [1 - 1] - Makaw: Jans, E. (Rev.): RMCA: 1 [1 - 1] - Malandje [=Malandji]: Mechow: ZMB: 1 [1 - 1] - Marungu: Böhm: ZMB: 1 [1 - 1] - Masombwe: ? : Collector Unknown: KBIN: 5 [5 - 5] - Matadi: Darteville, Dr.: RMCA: 1 [1 - 1] - Mayembe: ? : Collector Unknown: RMCA: 1 [1 - 1] - Mbalaka: Leirs, Herwig et al.: MSB: 2, RMCA: 3 [5 - 5] - Mbuye-Bala affluent de la Muye: ? : Collector Unknown: KBIN: 1 [1 - 1] - Mbwambala: Leirs, Herwig et al.: MSB: 1, RMCA: 1 [2 - 2] - Medje: ? : Collector Unknown: AMNH: 2 [2]; Christy, D.C.: BMNH: 1 [1 - 3] - Menga: Swanepoel, R.: TM: 2 [2 - 2] - Mkundi: Leirs, Herwig: UIA: 1 [1 - 1] - Moba: ? : Collector Unknown: RMCA: 1 [1 - 1] - Moliro: Lemaire: RMCA: 1 [1 - 1] - Mongbwalu: Hartford-Jordens, (Mrs.): RMCA: 4 [4 - 4] - Mugunga, Lake: de Witte, G.F. et al: KBIN: 2, RMCA: 2 [4 - 4] - Mukwande river: de Witte, G.F. et al: RMCA: 1 [1 - 1] - Mulungu: Hendrickx, F.L.: RMCA: 3 [3 - 3] - Mumene: ? : Collector Unknown: BMNH: 1, RMCA: 6, SMF: 2 [9 - 9] - Murambi: de Witte, G.F. et al: RMCA: 1

- [1 - 1] - Mushie: Christie, J. (dr.): RMCA: 1 [1 - 1] - Musonge: ? : Collector Unknown: BMNH: 1, SMF: 1 [2 - 2] - Mutwanga: Hackard: RMCA: 2 [2 - 2] - Mwebe bridge: Swanepoel, R.: TM: 2 [2]; Swanepoel, R. (Prof.): TM: 2 [2 - 4] - Mweka: Huisgens, Dr.: RMCA: 1 [1 - 1] - Mwenda-Katuka piste: de Wilde, J.: KBIN: 16 [16 - 16] - Nakpanga river: de Saeger, H. et al.: RMCA: 1 [1 - 1] - Nepoko river: Henrion, M.: RMCA: 1 [1 - 1] - Netonna: ? : Collector Unknown: SMF: 1 [1]; Hesse, P.: SMF: 3 [3 - 4] - Nzulu: de Witte, G.F. et al.: KBIN: 2, RMCA: 1 [3 - 3] - Panga: Schouteden, H.: RMCA: 9 [9 - 9] - Paulis [=Isiro]: Abbeloos: RMCA: 2 [2 - 2] - Pawa: ? : Collector Unknown: RMCA: 1 [1]; Radna, Dr.: RMCA: 1 [1 - 2] - Putnam Camp: Rahm, Uwe: RMCA: 1 [1 - 1] - Rutshuru: ? : Collector Unknown: KBIN: 1 [1]; de Witte, G.F. et al.: KBIN: 1, RMCA: 1 [2]; Ghesquière, J.: RMCA: 1 [1]; Grauer, Rudolf: NMW: 1 [1 - 5] - Ruwenzori: Grauer, Rudolf and Rolle, Hermann: ZMB: 1 [1 - 1] - Ruwenzori SE: ? : Collector Unknown: BMNH: 2 [2]; Dent, R.E.: BMNH: 3 [3 - 5] - Sakania: Coulon: RMCA: 1 [1 - 1] - Scierie Forest: Gallagher, M.D. (Maj.): BMNH: 1 [1 - 1] - Sombe: Lademann: ZMB: 1 [1 - 1] - Stanleyville [=Kisangani]: Colyn, Marc: RMCA: 26 [26]; Schouteden, H.: RMCA: 1 [1]; Schwarz, Ernst (dr.): RMCA: 1 [1]; Weyns: RMCA: 5 [5 - 33] - Tschakala: Colyn, Marc: RMCA: 5 [5 - 5] - Tschuapa: ? : Collector Unknown: KBIN: 1 [1 - 1] - Tshambi: de Witte, G.F. et al.: RMCA: 1 [1 - 1] - Tshuapa river, upper: Ghesquière, J.: RMCA: 1 [1 - 1] - Uele River: Hutereau, M.: BMNH: 1 [1 - 1] - Ukaika: Grauer, Rudolf: NMW: 2 [2]; Grauer, Rudolf (Exped. Finanziert durch Ph. V. Oberlander): NMW: 3 [3 - 5] - unknown locality: NATURE ????: TM: 1 [1 - 1] - Uvira: ? : Collector Unknown: RMCA: 1 [1]; Grauer, Rudolf: NMW: 2, ZMB: 4 [6]; Laurent, R. (Prof. Dr.): RMCA: 1 [1]; Leleup, N.: RMCA: 1 [1]; Schmitt and Baker: USNM: 2 [2 - 11] - Vitshumbi: de Witte, G.F. et al.: KBIN: 1 [1 - 1] - Wafanya: Lootens, P. (Rev.): RMCA: 1 [1 - 1] - Wago, mount: Fain, Alexandre (Dr.): RMCA: 14 [14 - 14] - Wasa Wago, mount: Fain, Alexandre (Dr.): RMCA: 1 [1 - 1] - Zobia: ? : Collector Unknown: KBIN: 3 [3 - 3 - 1176].
- Cote D'Ivoire:** Lamotte, M.: MNHN: 1 [1 - 1] - "piste de Lamtu": Vuattox, R.: MNHN: 1 [1 - 1] - Adiopodoumé: Vissault: ZMB: 1 [1 - 1] - Bouake: Logier, E.B.S.: MNHN: 1 [1 - 1] - Bouna: McIntyre, T.J.: USNM: 2 [2]; Robbins, Lynn W.: USNM: 2 [2 - 4] - Flampeul: Thys Van den Audenaerde, Dirk and Verheyen, Walter N.: RMCA: 2 [2 - 2] - IET-Station: Fahr, Jakob: SMF: 1 [1 - 1] - Iringou gallery forest, transect 3: Fahr, Jakob: SMF: 1 [1 - 1] - island forest 35, transect 1: Fahr, Jakob: SMF: 1 [1 - 1] - Ivory Coast: ? : Collector Unknown: MNHN: 1, RMCA: 1 [2]; Bellier, Louis: RMCA: 26 [26]; Bellier, Louis and Selens, M.: RMCA: 1 [1 - 29] - Kong: LeDuc, J.W.: USNM: 1 [1 - 1] - Kongo-Savanna, transect 5: Fahr, Jakob: SMF: 2 [2 - 2] - Lamto Ecology Station: Bellier, Louis: RMCA: 1, ZMB: 1 [2 - 2] - Lola camp [gallery forest]: Salewski, V. and Ueberschaer, K.: SMF: 1 [1]; Steffen, J.: SMF: 1 [1 - 2 - 49].
- Côte d'Ivoire:** Adiopodoumé: Bellier, Louis: RMCA: 15 [15]; Bellier, Louis and Selens, M.: RMCA: 1 [1]; Doucet, J. (dr.): MHNG: 1 [1 - 17 - 17].
- Crete:** Mount Gova: Bate, D.M.A.: TM: 1 [1 - 1 - 1].
- Djibouti:** Ali-Sabieh: Hoogstraal, Harry H.: FMNH: 1 [1 - 1] - no specific locality: Biedermann, Mr.: ZMB: 1 [1 - 1] - Obock: Jousseume: MNHN: 1 [1]; Tousseume, dr.: MNHN: 3 [3 - 4 - 6].
- Egypt:** Möhres, Prof.: SMNS: 2 [2 - 2] - "Tor Sinai": Plate: ZMB: 1 [1 - 1] - Abu Rawash: Hoogstraal, Harry H.: USNM: 11 [11]; Robbins, Lynn W.: CM: 1 [1 - 12] - Al Bahr Al Ahmar: Klunzinger: ZMB: 2 [2 - 2] - Alexandria: Siépy, dr.: MNHN: 3 [3 - 3] - Aswan: Anderson, John (dr.): BMNH: 1 [1 - 1] - Belim: Anderson, Mrs. and Anderson, John (dr.): BMNH: 1 [1 - 1] - Bulaq: Siya, S.: BMNH: 1 [1 - 1] - Cairo: ? : Collector Unknown: ZMB: 1 [1]; Beccari, Odoardo (dr.): ZMB: 1 [1]; Bennwarth: SMF: 1 [1]; Hornung, Dr.: CAS: 1 [1]; Innes, Walter (dr.): BMNH: 1 [1]; Kistel: ZMB: 1 [1]; Kulzer, Edwin: SMF: 31 [31]; Schlieffen, Graf: ZMB: 4 [4]; Stuhlmann, Franz (dr.): ZMH: 2 [2 - 43] - Cairo, 20 km S: Kulzer, Edwin: SMF: 3 [3 - 3] - Cairo, Gizeh and Theben, between: Anderson, John (dr.): BMNH: 2 [2 - 2] - Cairo, S of: Kulzer, Edwin: SMF: 2 [2 - 2] - Dandarrah: Fraas and Mangold: SMNS: 3 [3 - 3] - Denderah [=Dandarrah]: Hartmann, von Barnim: ZMB: 6 [6]; von Barnim, Hartmann: ZMB: 1 [1 - 7] - Egypt: ? : Collector Unknown: BMNH: 1, MNHN: 7, RMNH: 4, SMF: 1, SMNS: 2, SMTD: 1 [16]; Christie, J. (dr.): BMNH: 2 [2]; de Selys-Longschamps: KBIN: 1 [1]; Dobson, George Edward: BMNH: 1 [1]; Lefebvre, A.: MNHN: 1 [1]; Rüppell, Edward (dr.): RMNH: 1, SMF: 11 [12]; Schlüter, Wm.: ZFMK: 1 [1]; Schneider, G.: MHNG: 2 [2 - 36] - El Tur: ? : Collector Unknown: BMNH: 1, ZMB: 1 [2 - 2] - Giza [=Gizeh]: Anderson, J.: BMNH: 2 [2]; Hasselquist: ZMUC: 1 [1]; Rüppell, Edward (dr.): SMF: 1 [1 - 4] - Giza [=Gizeh]: Restricted from "Egypt" to Giza: ? : Collector Unknown: MNHN: 1 [1 - 1] - Gizeh: ? : Collector Unknown: BMNH: 1 [1]; Anderson, John (dr.): BMNH: 1 [1]; Bonhote, John James Lewis and Flower, Maj. S.S.: BMNH: 1 [1]; Dodson, W.: BMNH: 3 [3]; Nicoll, J.: BMNH: 1 [1]; Phillips, John C.; Allen, Glover Morrill - [the Sudan Expedition]: MCZ: 4 [4 - 11] - Gizeh, Great Pyramid: ? : Collector Unknown: MNHN: 1 [1 - 1] - Helonan [=Helouan -> Helwan]: Mook, Schneider, Basel: ZMB: 2 [2 - 2] - Helwan [=Helwan]: ? : Collector Unknown: ZMB: 1 [1 - 1] - Jabal Musa: Tristram, H.B.J. (Rév.): BMNH: 1 [1 - 1] - Kafr Dawud: Hoogstraal, Harry H.: USNM: 5 [5 - 5] - Karnak: Anderson, John (dr.): BMNH: 2 [2 - 2] - Khayzan: Anderson, John (dr.): BMNH: 1 [1 - 1] - Kings graves near Deir al Bahari: Fritsch: ZMB: 1 [1 - 1] - Kom Hamada: Hoogstraal, Harry H.: USNM: 5 [5 - 5] - Kom O Shim: Hoogstraal, Harry H.: USNM: 2 [2 - 2] - Kom Ombo: ? : Collector Unknown: MNHN: 1 [1 - 1] - Luxor: Hirst, A.S.: BMNH: 1 [1]; Rothschild, Nathaniel Charles: BMNH: 3 [3 - 4] - near Luxor: ? : Collector Unknown: BMNH: 1, MNHN: 2 [3 - 3] - Nile: ? : Collector Unknown: BMNH: 2 [2 - 2] - no specific locality: ? : Collector Unknown: BMNH: 1, ZMB: 1 [2]; Doria, Giacomo (Marchese): ZMB: 6 [6]; Effeldt: ZMB: 5 [5]; Ehrenberg: ZMB: 1 [1]; ex Museum Wien: ZMB: 1 [1]; Fritsch: ZMB: 1 [1]; Hemprich & Ehrenberg: ZMB: 13 [13]; Lepsius: ZMB: 2 [2]; Michahelles: ZMB: 4 [4]; Pareiß: ZMB: 2 [2]; von Sack, Graf: ZMB: 1 [1 - 38] - Originally North Africa, but restricted to southern Egypt: Christie, Turnbull (Maj.): BMNH: 1 [1 - 1] - Sakhara [=Saqqara]: Hemprich & Ehrenberg: ZMB: 1 [1 - 1] - Sakhara [=Saqqara]: Hemprich & Ehrenberg: ZMB: 1 [1 - 1] - Saqqara: ? : Collector Unknown: ZMB: 2 [2]; Hoogstraal, Harry H.: USNM: 8 [8]; Robbins, Lynn W.: CM: 1 [1 - 11] - Sharqiya: Schrader: ZMB: 3 [3 - 3] - Siwa Oasis: ? : Collector Unknown: BMNH: 1 [1 - 1] - Suez area: Edwards, et al.: MNHN: 1 [1 - 1] - Thebe: ? : Collector Unknown: BMNH: 1, MHNG: 1 [2 - 2] - Thebes: ? : Collector Unknown: MNHN: 1 [1 - 1 - 228].
- Egypt ?:** no specific locality: Nehring, Alfred: ZMB: 1 [1]; Schlieffen, Graf: ZMB: 1 [1 - 2 - 2].
- Egypt/Sudan:** Aswan [in Egypt and Chondek, Northern Province in Sudan]: ? : Collector Unknown: ZMB: 1 [1 - 1 - 1].
- Equatorial Guinea:** Atogondama: Escherich: ZMB: 4 [4 - 4] - Banapa: Basilio, Aurelio (Rev.): AMNH: 1 [1 - 1] - Banlesbeni: ? : Collector Unknown: BMNH: 4 [4 - 4] - Benito river: ? : Collector Unknown: BMNH: 1 [1]; Bates, G.L.: BMNH: 1 [1 - 2] - Benito River, 15 mi [= 24 km] from mouth: Bates, G.L.: BMNH: 1 [1 - 1] - Beoken Noja [=Noya river]: Escherich: ZMB: 1 [1 - 1] - Bioko [=former Fernando Po]: ? : Collector Unknown: BMNH: 1 [1 - 1] - Bubi Town: Seimund, E.: BMNH: 1 [1 - 1] - Ekododo: Escherich: ZMB: 2 [2 - 2] - Fernando Po [=Bioko island]: ? : Collector Unknown: BMNH: 3 [3]; Basilio, Aurelio (Rev.): AMNH: 1 [1]; Bowens, E. (Capt.): BMNH: 1 [1]; Buchholz: ZMB: 1 [1]; Eidmann: ZMB: 1 [1 - 7] - Nkolentangan: Tessmann: ZMB: 2 [2 - 2] - no specific locality: Escherich: ZMB: 1 [1 - 1] - San Carlos: Eisentraut, Martin: ZFMK: 1 [1 - 1 - 28].
- Eritrea:** Adi Ugri: Andreini: MZUF: 10 [10 - 10] - Assab: Kittenberger, K.: HNHM: 3 [3 - 3] - Bogos: Kraus, F.: RMNH: 1 [1 - 1] - Bogos country: ? : Collector Unknown: ZMB: 1 [1]; Gerrard: ZMB: 2 [2 - 3] - Dongollo Basso: ? : Collector Unknown: MZUF: 1 [1 - 1] - Keren: Cecconi, G. (prof.): ZMB: 2 [2]; Heuglin, Theodor (Dr.): SMNS: 2, ZMB: 1 [3 - 5] - Massaua

- [=Massawa]: Biedermann, Mr.: ZMB: 2 [2]; Issel: ZMB: 1 [1 - 3] - Massawa: ? : Collector Unknown: SMF: 1 [1 - 1 - 27].
- Ethiopia:** Abaya, lake: von Erlanger: ZMB: 3 [3 - 3] - Abiata, lake, E coast: Ash, J.S.: USNM: 6 [6 - 6] - Abyssinia: ? : Collector Unknown: BMNH: 1, ZMB: 1 [2]; Beccari, Odoardo (dr.): ZMB: 1 [1]; Doria, Giacomo (Marchese): ZMB: 1 [1]; ex Museum Paris: ZMB: 1 [1]; Gerrard: ZMB: 1 [1]; Heuglin, Theodor (Dr.): ZMB: 1 [1]; Heuglin, Theodor (Dr.) [ex Museum Stuttgart]: ZMB: 2 [2]; Petit and Quartier-Dillon: MNHN: 1 [1]; Roger, Dr.: MNHN: 1 [1]; Rüppell, Edward (dr.): RMNH: 1 [1]; Schrader: ZMB: 1 [1]; Verreaux, J.P.: BMNH: 1 [1 - 14] - Addis Ababa: Brown, Barnum: AMNH: 1 [1 - 1] - Addis Ababa and Lake Rudolf, between: Zaphiro, Ph.C. (coll), McMillan, W.N., Esq. (pres.): BMNH: 1 [1 - 1] - Adi Caie: ? : Collector Unknown: MZUF: 4 [4 - 4] - Adowa: Heuglin, Theodor (Dr.): SMNS: 2 [2]; v. Heuglin: SMNS: 1 [1 - 3] - Agordat: ? : Collector Unknown: MZUF: 7 [7 - 7] - Anole Wells: von Erlanger: ZMB: 2 [2 - 2] - Aseita: Ash, J.S.: USNM: 7 [7 - 7] - Azum: Von Heuglin, Theodor: RMNH: 1 [1 - 1] - Bahadu: Ash, J.S.: USNM: 21 [21]; Largen, M.J.: BMNH: 1 [1 - 22] - Beletta forest: ? : Collector Unknown: ZMMU: 2 [2 - 2] - Bellegas-Thal zwischen Simehn und Woggara [=Tal des Belegaz/Belghe]: Heuglin, Theodor (Dr.): NMW: 1 [1 - 1] - Bilo: Lundell, H.W.: BMNH: 1 [1 - 1] - Bottego Highlands: von Erlanger: ZMB: 2 [2 - 2] - Bulcha Forest: Ash, J.S.: USNM: 9 [9 - 9] - Chamo, NE of lake: Sandhurst Ethiopia Expedition 1966: BMNH: 2 [2 - 2] - Dangila: Cheesman, Robert Ernest (Col.): BMNH: 6 [6 - 6] - Didessa river bridge: Largen, M.J.: BMNH: 2 [2 - 2] - Didessa River mouth: ? : Collector Unknown: BMNH: 1 [1 - 1] - Didessa settlement: Ash, J.S.: USNM: 1 [1 - 1] - Dire Dawa: Biedermann, Mr.: ZMB: 2 [2]; Brown, Barnum: AMNH: 1 [1]; Ipa, Uhlenhuth: ZMB: 3 [3]; Neumann, Uhlenhuth: ZMB: 4 [4]; Uhlenhuth: ZMB: 2 [2 - 12] - Dire Dawa, 3 km S: Ingersol, R.: OSU: 3 [3 - 3] - Djala: Neumann: ZMB: 1 [1 - 1] - Djem-djem Forest: ? : Collector Unknown: BMNH: 1 [1 - 1] - Djiren [=Jiren]: Neumann: ZMB: 1 [1 - 1] - Dobleh: Delamere, Lord: BMNH: 1 [1 - 1] - Ethiopia: Ash, J.S.: SMF: 1 [1 - 1] - Fashodo: Schweinfurth: ZMB: 1 [1 - 1] - Fatam R Big Abbai: ? : Collector Unknown: BMNH: 1 [1 - 1] - Galana river: Neumann: ZMB: 2 [2 - 2] - Gambela: Ash, J.S.: USNM: 1 [1]; Largen, M.J.: BMNH: 1 [1]; Nikolaus, G.: SMF: 4, ZFMK: 10 [14 - 16] - Garairobi Lake: Huyn, L. (Graf): ZMB: 1 [1 - 1] - Gibdo: Kittenberger, K.: HNHM: 1 [1 - 1] - Godare forest: Lavrenchenko, Leonid A.: ZMMU: 2 [2 - 2] - Godjeb valley, middle: Lavrenchenko, Leonid A.: ZMMU: 1 [1 - 1] - Gofa: Neumann: ZMB: 1 [1 - 1] - Gondar: Ward, C? (Col.): BMNH: 1 [1 - 1] - Harar: von Erlanger / Neumann: ZMB: 2 [2 - 2] - Hirna and Deder, between: Lavrenchenko, Leonid A.: ZMMU: 2 [2 - 2] - Koi area: Lavrenchenko, Leonid A.: ZMMU: 1 [1 - 1] - Koka: ? : Collector Unknown: BMNH: 3 [3]; Ash, J.S.: USNM: 19 [19]; Traub and Ash, J.S.: CM: 5 [5 - 27] - Langano, W coast lake: Largen, M.J.: BMNH: 1 [1 - 1] - Makalle: Aschemeier, C.R.: USNM: 1 [1 - 1] - Manera forest: Andral, dr.: MNHN: 1 [1 - 1] - Mui: Largen, P.M.J.: BMNH: 1 [1 - 1] - Omar cave, S of: Ashford, R.: SMF: 2 [2 - 2] - Poi, 2 mi N: Cifelli, R.L.: USNM: 1 [1 - 1] - road to Jimma: Dorst, Jean et al.: MNHN: 1 [1 - 1] - Sheik Hussein: von Erlanger: ZMB: 2 [2 - 2] - Sheko area: Lavrenchenko, Leonid A.: ZMMU: 1 [1 - 1] - Shibe-Tolley: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Shoa: ? : Collector Unknown: FMNH: 1, SMF: 1 [2]; Rüppell, Edward (dr.) (gift): SMF: 2 [2 - 4] - Shoa province: Rüppell, Edward (dr.): SMF: 3 [3 - 3] - Vicinity of Addis Ababa: Imperial Ethiopian Lightway Authority: BMNH: 1 [1 - 1 - 197].
- Gabon:** Bélinga: Brosset, André: MNHN: 1 [1 - 1] - Bengoué: Brosset, André: MHNG: 1 [1 - 1] - Booué: Maclatchy, A. and Malbrant, R.: MNHN: 1 [1 - 1] - Cape Lopez: ? : Collector Unknown: USNM: 2 [2]; Buchholz: ZMB: 1 [1 - 3] - Cette Cama: Gerard, E. (Dr.) and Rudd, C.D.: BMNH: 1 [1 - 1] - Dongila [=Donguilal]: Buchholz: ZMB: 2 [2 - 2] - Gabon: ? : Collector Unknown: AMNH: 1 [1]; Laglaize: BMNH: 1 [1 - 1] - Ipassa-Mpassa station: Brosset, André: MNHN: 1 [1 - 1] - Lastourville: Rougeot, P.: MHNG: 1 [1 - 1] - Limbareni [=Lambarene]: Buchholz: ZMB: 1 [1 - 1] - Makokou: Brosset, André: MHNG: 1, MNHN: 1 [2 - 2] - Mitzi: Davies, J.H.: BMNH: 1 [1 - 1] - Mouila: Rougeot, P.: MNHN: 1 [1 - 1] - no specific locality: Büttner: ZMB: 1 [1]; Hupfer: ZMB: 1 [1]; Schilling: ZMB: 1 [1]; Schlüter, A.: ZMB: 1 [1]; Umlauf: ZMB: 1 [1 - 5] - Ogewa: Ansoerge, W.J. (dr.): ZMB: 2 [2 - 2] - Ogowe: Ford, Rev. E.A.: AMNH: 1 [1 - 1] - Omboue: Aschemeier, C.R.: USNM: 15 [15 - 15 - 41].
- 'Gabon':** but almost certainly from Kashmir or N India: ? : Collector Unknown: BMNH: 1 [1 - 1 - 1].
- 'Gaboon':** but more probably from Kashmir: ? : Collector Unknown: BMNH: 1 [1 - 1 - 1].
- German East Africa:** : Glauning: ZMB: 1 [1]; Reimer: ZMB: 1 [1]; von Marwitz: ZMB: 3 [3]; Willems: ZMB: 1 [1 - 6 - 6].
- Ghana:** Abokobi: Reichenow: ZMB: 3 [3 - 3] - Accra: Irvine, F.R. (Dr.): BMNH: 1 [1]; Reichenow: ZMB: 5 [5]; Schneider: ZMB: 3 [3]; Unger: ZMB: 6 [6 - 15] - Achimota: Simpson, R. (dr.): BMNH: 1 [1 - 1] - Aguapim: Reichenow: ZMB: 1 [1 - 1] - Aiyikuma: Geest, J.C.: USNM: 11 [11]; Setzer, H.W.: USNM: 8 [8 - 19] - Bibianaha: Spurrell, H.G.F. (dr.): BMNH: 2 [2 - 2] - Bibianaha [=Bibiani]: Spurrell, H.G.F. (dr.): BMNH: 1 [1 - 1] - Bimbila: Mischlich: ZMB: 1 [1 - 1] - Bimbilla, 15 mi S: Robbins, Lynn W.: AMNH: 1 [1 - 1] - Boutry River: ? : Collector Unknown: RMNH: 1 [1 - 1] - Côte d'Or: Nagtglas, C.J.M.: RMNH: 2 [2 - 2] - Damongo: Start, A.N.: BMNH: 1 [1 - 1] - Dormaa Ahenkro: Sapwell, J.: BMNH: 3 [3 - 3] - Elmira: ex Museum Leiden: ZMB: 1 [1 - 1] - Gambaga: ? : Collector Unknown: BMNH: 1 [1 - 1] - Gold Coast: Bunting: BMNH: 1 [1]; Dobson, George Edward: USNM: 1 [1]; Freeman, R.A.: BMNH: 3 [3]; Nagtglas, C.J.M.: RMNH: 1 [1 - 6] - Goldküste [=Goldcoast]: ex Museum Leiden: ZMB: 2 [2]; Finsch: ZMB: 1 [1]; Pel / Museum Leiden: ZMB: 1 [1]; Sintenis: ZMB: 4 [4 - 8] - Ho: Schröder: ZMB: 2 [2 - 2] - Kete: Baumann: ZMB: 3 [3 - 3] - Kete Krachi: Zech, Graf: ZMB: 6 [6 - 6] - Kete Kratchi: Baumann: ZMB: 1 [1]; Mischlich: ZMB: 1 [1]; Zech, Graf: ZMB: 4 [4 - 6] - Kintampo: Cansdale, George Soper: BMNH: 1 [1 - 1] - Kojali Bach: Tessmann: ZMB: 1 [1 - 1] - Kumasi: Barry, D.H.: BMNH: 1 [1 - 1] - Legon [Botanical Garden]: Geest, J.C.: USNM: 14 [14]; Hayward, Bruce J.: USNM: 8 [8]; Leduc, J.W.: USNM: 4 [4]; Robbins, C. Brian: USNM: 9 [9]; Schlitter, Duane A. (dr.): CM: 7 [7]; Setzer, H.W.: USNM: 15 [15 - 57] - Mpraeso: Mensah, P.E.: ROM: 1 [1 - 1] - Nkawakaw: Mensah, P.E.: ROM: 2 [2 - 2] - Oda: ? : Collector Unknown: BMNH: 3 [3]; Cansdale, George Soper: BMNH: 5 [5 - 8] - Ofinsu: Cansdale, George Soper: BMNH: 1 [1 - 1] - Pong Tamale: Barry, D.H.: BMNH: 1 [1 - 1] - Pulima: Geest, J.C.: USNM: 3 [3 - 3] - Samole Motel Camp: Cheke, R.A.: BMNH: 1 [1 - 1] - Winneba: Cansdale, George Soper: BMNH: 1 [1 - 1 - 162].
- Guinea:** Conakry Island: ? : Collector Unknown: MNHN: 1 [1 - 1] - Mount Nimba: Brosset, André and Richaud, Pierre: MNHN: 3 [3 - 3] - no specific locality: Finsch: ZMB: 1 [1]; Pel / Museum Leiden: ZMB: 3 [3]; Schlegel: ZMB: 1 [1]; Schneider / Museum Basel: ZMB: 1 [1]; Zeller, Leydig: ZMB: 1 [1 - 7] - Ouassou: Klaptocs, A.: NMW: 1 [1 - 1] - Ziela: Aguesse, P.: MNHN: 1 [1 - 1 - 13].
- Guinea-Bissau:** Bissau [Island]: Bocage: ZMB: 1 [1]; Hintz: ZMB: 1 [1 - 2] - Madina Boé: Monard, A. (Dr.): RMCA: 1 [1 - 1] - Mansoa: Monard, A. (Dr.): RMCA: 4 [4 - 4] - Ponta Robalo: Monard, A. (Dr.): MHNG: 2 [2 - 2 - 9].
- India:** India: Hardwicke, Maj. Gen.: BMNH: 1 [1 - 1] - Nasirabad: ? : Collector Unknown: BMNH: 2 [2 - 2 - 3].
- Iran:** Shiraz: ? : Collector Unknown: BMNH: 1 [1 - 1 - 1].
- Italy:** Pisa: Bonaparte, Charles Lucien (Prince): BMNH: 1 [1 - 1] - Sicily: ? : Collector Unknown: BMNH: 1 [1 - 1 - 2].
- Kenya:** Aruba Lodge: Kock, Dieter: SMF: 3 [3]; Schmutter, H. and Kock, D.: SMF: 1 [1 - 4] - Athi river, 6 mi S: Hayward, Bruce J.: USNM: 1 [1 - 1] - Barberton Farm: Mumford, R.E.: USNM: 2 [2 - 2] - Baringo, lake: Start, A.N.: BMNH: 6 [6 - 6] - Buffalo Springs: Kock, Dieter and Mumford, R.E.: SMF: 1 [1 - 1] - Central island: Foster, J.B.: ROM: 15 [15 - 15] - Chanler Falls [=Chandler's Falls]: ? : Collector Unknown: BMNH: 1 [1 - 1] - Diani Forest: Smeenk, Chris: RMNH: 1 [1 - 1]

- 1] - Elgon, Mount: Hayward, Bruce J.: WNMU: 1 [1]; Kemp, Robin: BMNH: 1 [1 - 2] - Endebeess: ? : Collector Unknown: ROM: 1 [1 - 1] - Endoposei river: Eger, Judith L.: ROM: 2 [2 - 2] - Ferguson's Gulf: Horne, J. and Howell, K.M.: BMNH: 1 [1 - 1] - Fort Hall: Hinde, S.L. (dr.): BMNH: 1 [1 - 1] - Garibete Water Hole: Start, A.N.: SMF: 1 [1 - 1] - Gilgil river: Delamere, Lord: BMNH: 1 [1 - 1] - Guaso Nyiro: Cosins: BMNH: 1 [1 - 1] - Ikuywa river bridge: Schlitter, Duane A. (dr.) et al.: CM: 1 [1 - 1] - Isiolo: ? : Collector Unknown: LACM: 1, ROM: 1 [2 - 2] - Kakamega Forest: ? : Collector Unknown: AMNH: 2, HZM: 1, ROM: 3 [6]; Glen, R.: ROM: 3 [3]; Mumford, R.E.: USNM: 1 [1 - 10] - Kakamega, 5 km S, 16 km E: Schlitter, Duane A. (dr.): CM: 1 [1 - 1] - Kambiti W.H.: Start, P.A.N.: BMNH: 2 [2 - 2] - Kara-Suk: ? : Collector Unknown: ROM: 2 [2 - 2] - Karen: Hayward, Bruce J.: USNM: 1 [1 - 1] - Karibiti: Twomey, A.C.: CM: 3 [3 - 3] - Kathekani: Schlitter, Duane A. (dr.): CM: 2 [2 - 2] - Kau [Osi river]: Fischer: ZMB: 1 [1 - 1] - Kavirondo [Gulf]: Neumann: ZMB: 1 [1 - 1] - Kavirongo Gulf, S coast: Bell and Leakey: BMNH: 1 [1 - 1] - Kenya: ? : Collector Unknown: USNM: 1 [1 - 1] - Kenya, mount: Stockley, C.H. (Maj.): BMNH: 1 [1 - 1] - Kiboko: Hayward, Bruce J.: USNM: 3 [3]; Start, A.N.: SMF: 1 [1 - 4] - Kibomoto: Sjøstedt, Y.: MNHN: 1 [1 - 1] - Kibwesi: Scheffler: ZMB: 8 [8]; Schettler: ZMB: 1 [1 - 9] - Kibwezi: Hayward, Bruce J.: USNM: 4 [4 - 4] - Kilanguni: Williams, John G.: ROM: 1 [1 - 1] - Kilifi: Start, A.N.: BMNH: 7 [7]; Trevor-Roper, G.D.: BMNH: 1 [1 - 8] - Kipsain: ? : Collector Unknown: HZM: 1 [1 - 1] - Kiriri: Sillu, David M.: RMCA: 1 [1 - 1] - Kitale: Hayward, Bruce J.: USNM: 18 [18 - 18] - Kitale, 12 mi W: Hayward, Bruce J.: USNM: 12 [12 - 12] - Kitale, 25 mi NW: Harrison, David Lakin (Dr.): SMF: 2 [2 - 2] - Kitale, 7 mi E: Mumford, R.E.: USNM: 1 [1 - 1] - Kitui: Hildebrandt, J.M.: ZMB: 4 [4 - 4] - Kongelai, 12 mi W: Hayward, Bruce J.: USNM: 6 [6 - 6] - Kongelai, 3 mi S: Hayward, Bruce J.: USNM: 4 [4 - 4] - Lualeini Borehole: Parker, Ian: BMNH: 1 [1 - 1] - Machakos district: Hinde, S.L. (dr.): BMNH: 1 [1 - 1] - Makindu, 35 km E: ? : Collector Unknown: ROM: 1 [1 - 1] - Malindi: ? : Collector Unknown: USNM: 1 [1]; Muir, G.J.: BMNH: 1 [1]; Percival, A.B.: BMNH: 1 [1]; Wells, A.A.: CM: 2 [2 - 5] - Malindi, 30 mi N: ? : Collector Unknown: BMNH: 1 [1 - 1] - Manda island: Voeltzkow: ZMB: 1 [1 - 1] - Mara River: ? : Collector Unknown: ROM: 4 [4 - 4] - Marsabit road: Heller, Edmund: USNM: 1 [1 - 1] - Masol Location: ? : Collector Unknown: ROM: 1 [1 - 1] - Maungu: ? : Collector Unknown: ROM: 2 [2 - 2] - Maungu Hill: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Menengai: Barley, Alen H.: BMNH: 1 [1]; Walen: ZMB: 1 [1 - 2] - Moane: Schlitter, Duane A. (dr.): CM: 5 [5 - 5] - Molo river: Start, A.N.: BMNH: 1 [1 - 1] - Mombas [=Mombassa]: Hildebrandt, J.M.: ZMB: 9 [9]; Hirsch: ZMB: 1 [1 - 10] - Morok River: ? : Collector Unknown: ROM: 1 [1 - 1] - Mount Elgon: ? : Collector Unknown: BMNH: 1 [1 - 1] - Mukanda Stream: ? : Collector Unknown: ROM: 1 [1 - 1] - Muranga: ? : Collector Unknown: BMNH: 1 [1]; Hinde, S.L. (dr.): BMNH: 3 [3 - 4] - Murri: Battersby, J.C.: BMNH: 1 [1 - 1] - Nairobi: ? : Collector Unknown: SMF: 2 [2]; Purvis, Martin: LACM: 1 [1 - 3] - Naivasha, lake: Purvis, Martin: LACM: 2 [2 - 2] - Nakuchett: Hayward, Bruce J.: USNM: 1 [1 - 1] - Nakuru, 2 mi S: Hayward, Bruce J.: USNM: 1 [1 - 1] - Namanga: ? : Collector Unknown: ROM: 1 [1]; Williams, John G.: HZM: 1 [1 - 1] - Nanyuki [=Nangukij]: ? : Collector Unknown: ROM: 1 [1 - 1] - Ndi: ? : Collector Unknown: BMNH: 1 [1]; Hildebrandt, J.M.: ZMB: 8 [8 - 9] - near Hoey's Bridge: ? : Collector Unknown: BMNH: 3 [3 - 3] - Ngangao forest: Schlitter, Duane A. (dr.): CM: 1 [1 - 1] - Ngong Hills: Mumford, R.E.: USNM: 2 [2 - 2] - Nguruman Escarpment: ? : Collector Unknown: ZMB: 2 [2]; Neumann: ZMB: 2 [2 - 4] - Nyeri: ? : Collector Unknown: HZM: 1 [1 - 1] - Nyuki [=Nanyuki] river: ? : Collector Unknown: USNM: 1 [1 - 1] - Ortum: ? : Collector Unknown: ROM: 11 [11 - 11] - Patta [=Pate, island]: Voeltzkow: ZMB: 4 [4 - 4] - Rabai: ? : Collector Unknown: BMNH: 1 [1 - 1] - Rongai: Fowler, J.P.: HZM: 1 [1 - 1] - Rongai, 5 km S: ? : Collector Unknown: ROM: 1 [1 - 1] - Rumurati, 64 km NW: Williams, John G.: ROM: 1 [1 - 1] - Sala: Parker: SMF: 2 [2 - 2] - Shimba Hills: Schlitter, Duane A. (dr.): CM: 1 [1]; Schlitter, Duane A. (dr.) et al.: CM: 1 [1]; Sillu, David M.: MWSU: 1 [1 - 3] - Shimoni: Twomey, A.C.: CM: 1 [1 - 1] - Sigor: Schlitter, Duane A. (dr.): CM: 2 [2 - 2] - Sigor, 2 mi S: Hayward, Bruce J.: WNMU: 1 [1 - 1] - Soko forest: ? : Collector Unknown: WNMU: 1 [1 - 1] - Suam River: ? : Collector Unknown: ROM: 4 [4 - 4] - Sultan Hamud: Start, A.N.: BMNH: 1, SMF: 1 [2 - 2] - Taita: Baagøe, Hans J.: BMNH: 1 [1]; Heller, Edmund: USNM: 1 [1]; Hildebrandt, J.M.: BMNH: 2 [2 - 4] - Takaunga: Percival, A.B.: BMNH: 1 [1 - 1] - Takaungu: Thomas: ZMB: 6 [6 - 6] - Talek Gate: Schlitter, Duane A. (dr.): CM: 10 [10 - 10] - Tambalal Falls: ? : Collector Unknown: ROM: 6 [6 - 6] - Tana River: ? : Collector Unknown: LACM: 2 [2]; Chandler, W.A.: USNM: 5 [5]; Hunter, H.C.V., Esq.: BMNH: 1 [1 - 8] - Taveta Sisal Estate: Schlitter, Duane A. (dr.): CM: 2 [2 - 2] - Taveta, 3 km E: Schlitter, Duane A. (dr.): CM: 1 [1 - 1] - Tiwi, NW of: Schlitter, Duane A. (dr.): CM: 2 [2 - 2] - Trans-Nzoia district: Pitman, C.R.S. (Capt.): BMNH: 1 [1 - 1] - Turkana, lake: Start, A.N.: BMNH: 2 [2 - 2] - Turkwell Gorge: ? : Collector Unknown: ROM: 1 [1]; Jackson, ? J.: BMNH: 1 [1 - 2] - Ukamba [=Kitui]: Hildebrandt, J.M.: ZMB: 2 [2 - 2] - Ushindo [=Ushingo]: Stuhlmann, Franz (dr.): ZMB: 1 [1 - 1] - Voi, 30 km SE: ? : Collector Unknown: ROM: 2 [2 - 2] - Wei Wei River: ? : Collector Unknown: BMNH: 1, LACM: 4, ROM: 6 [11]; Jones, John: ROM: 2 [2]; Schlitter, Duane A. (dr.): CM: 8 [8]; Start, A.N.: BMNH: 1 [1 - 22] - Yala river: ? : Collector Unknown: BMNH: 5 [5]; Gerard, E. (Dr.) and Turner, H.J.A. (?): BMNH: 1 [1]; Turner, A.: NRM: 1 [1 - 7 - 336].
- Lesotho:** Botsola [= Malealea]: ? : Collector Unknown: NMB: 2 [2 - 2] - Marakabei: ? : Collector Unknown: NMB: 2 [2 - 2] - Quthing: ? : Collector Unknown: NMB: 7 [7 - 7] - Sehlabathebe National Park, small dam: ? : Collector Unknown: NMB: 8 [8 - 8] - Teyateyaneng: Guilbormod, Jacot: TM: 2 [2 - 2 - 21].
- Liberia:** Barclay, mount [see Rosevear: Burtling (or Bunting), R.K. (or R.H.): BMNH: 1 [1 - 1] - Coffee, mount: Cook, O.F.: USNM: 1 [1 - 1] - Fantii: Scharpe: ZMB: 1 [1]; Sharpe: ZMB: 1 [1 - 2] - Hilltown: Stampfli, F.X. and Büttikofer, J.: RMNH: 1 [1 - 1] - John Hegbe farm: Voros, Andrew S.: AMNH: 1 [1 - 1] - Kpeaple: Himmelheber, H.: SMF: 3 [3 - 3] - Liberia: Cook, O.F.: USNM: 1 [1]; Schlüter, Wm.: USNM: 1 [1 - 2] - Monrovia: Wilkes, L.W.: HZM: 4 [4 - 4] - West Nimba: ? : Collector Unknown: KBIN: 1 [1 - 1 - 16].
- Libya:** Beida: ? : Collector Unknown: NMW: 13 [13 - 13] - Quasr Shadane: ? : Collector Unknown: NMW: 4 [4 - 4] - Tripoli: Frank: KBIN: 1 [1]; Taubert and Chodat: MHNG: 1 [1 - 2] - Wadi al Kuf [= Jabal Akhdar Mts]: ? : Collector Unknown: NMP: 6 [6 - 6 - 25].
- Madagascar:** ? : Collector Unknown: MNHN: 1, TM: 2 [3 - 3] - "probably cate est": ? : Collector Unknown: MCZ: 1 [1 - 1] - Ambahibe, cave [=Grotte d'Ambahibe]: ? : Collector Unknown: FMNH: 5 [5 - 5] - Ambatobe, W slope mount: ? : Collector Unknown: FMNH: 3 [3 - 3] - Amboasary: Bluntschli: ZMB: 2 [2 - 2] - Collector Unknown: BMNH: 1 [1 - 1] - Ampitambé: Forsyth Major, Charles Immanuel (dr.): BMNH: 1 [1 - 1] - Andakaty, cave [=Grotte d'Andakaty]: ? : Collector Unknown: FMNH: 8 [8 - 8] - Andavadrano: ? : Collector Unknown: FMNH: 1 [1 - 1] - Andrafiabe Cave, forest near [=forêt près de la grotte d'Andrafiabe]: ? : Collector Unknown: FMNH: 2 [2]; Goodman, Steven M.: FMNH: 1 [1 - 3] - Andranohinaly: Voeltzkow: ZMB: 1 [1 - 1] - Andreaba: Delacour, Jean Theodore: MNHN: 1 [1 - 1] - Androbaha cave [=Grotte d'Androbaha]: Voeltzkow: ZMB: 6 [6 - 6] - Anjajavy, 18.5 km S: ? : Collector Unknown: FMNH: 2 [2 - 2] - Anjajavy, 26.5 km SW: ? : Collector Unknown: FMNH: 3 [3 - 3] - Anjajavy, 3 km NE: ? : Collector Unknown: FMNH: 7 [7 - 7] - Anjajavy, 4 km NE: ? : Collector Unknown: FMNH: 1 [1 - 1] - Anjohitantely: ? : Collector Unknown: UADBA: 3 [3 - 3] - Ankarana, N of: Grandidier, G.: MCZ: 1 [1 - 1] - Antafinimihakatra: ? : Collector Unknown: UADBA: 1 [1 - 1] - Antanarivo [= Tananarive]: ? : Collector Unknown: MCZ: 1 [1 - 1] - Anteseranana: Hildebrandt, J.M.: ZMB: 3 [3 - 3] - Antsironandoha Cave, west [=Ouest de la grotte d'Antsironandoha]: ? : Collector Unknown: FMNH: 2 [2 - 2] - Bazaribe,

- cave [=Grotte de Bazaribe]: ? : Collector Unknown: FMNH: 3 [3 - 3] - Beforona: ? : Collector Unknown: MCZ: 1 [1 - 1] - Betsileo: Hildebrandt, J.M.: ZMB: 3 [3 - 3] - Binara, forest [=Forêt de Binara]: ? : Collector Unknown: FMNH: 1 [1 - 1] - Eastern Madagascar: ? : Collector Unknown: MNHN: 4 [4 - 4] - Fianarantsoa: Cowan, W. Deans (Rev.): BMNH: 1 [1 - 1] - Fianarantsoa, Fianarantsoa province: Peake: ZMB: 1 [1 - 1] - Fort Carnot [=Ikongo]: ? : Collector Unknown: MCZ: 1 [1 - 1] - Fort-Dauphin: ? : Collector Unknown: BMNH: 1 [1 - 1] - Foulepoint and lake Alaoutre, between: ? : Collector Unknown: MNHN: 4 [4 - 4] - Great forest of the East [=Grande forêt de l'Est]: ? : Collector Unknown: MCZ: 1 [1 - 1] - Hiaraka: ? : Collector Unknown: MNHN: 1 [1 - 1] - High Fanjakhira, valley: ? : Collector Unknown: MCZ: 6 [6 - 6] - Imerina, forest E of: Wills, J. (Rev.): BMNH: 1 [1 - 1] - Ivokimanitra: Forsyth Major, Charles Immanuel (dr.): BMNH: 1 [1 - 1] - Kianjavato: ? : Collector Unknown: FMNH: 3 [3 - 3] - Kinakina: Koechlin, B.: MNHN: 1 [1 - 1] - Madagascar: ? : Collector Unknown: BMNH: 1, MNHN: 5 [6]; Catta, M.: MNHN: 1 [1]; Forsyth Major, Charles Immanuel (dr.): BMNH: 1 [1 - 8] - Mahabo: ? : Collector Unknown: MNHN: 1 [1 - 1] - Mananara: ? : Collector Unknown: MNHN: 1 [1 - 1] - Mananara: Audebert, J.: ZMB: 1 [1 - 1] - Maroantsetra: ? : Collector Unknown: MNHN: 1 [1 - 1] - Maroantsetra, 20 km SW: ? : Collector Unknown: FMNH: 6, MNHN: 4 [10 - 10] - Marovaza: ? : Collector Unknown: FMNH: 7 [7 - 7] - Marovony Forest: ? : Collector Unknown: USNM: 2 [2 - 2] - Matsaborimadio, at edge of: ? : Collector Unknown: FMNH: 1 [1 - 1] - Miari [probably Miary, near Tuléar]: ? : Collector Unknown: MNHN: 1 [1 - 1] - Namoroka, Réserve Naturelle: Paulian, R.: MNHN: 1 [1 - 1] - near Diégo-Suarez: ? : Collector Unknown: MCZ: 1 [1 - 1] - no specific locality: ? : Collector Unknown: MNHN: 7, SMF: 1, ZMB: 1 [9]; Bartlett: ZMB: 2 [2]; Crossley: ZMB: 1 [1]; Cutte: ZMB: 1 [1]; ex Museum Leiden: ZMB: 1 [1]; Gerrard: ZMB: 3 [3]; Schneider: ZMB: 1 [1]; Voeltzkow: ZMB: 1 [1 - 19] - NW Madagascar: Hildebrandt, J.M.: ZMB: 1 [1 - 1] - Perinet [=Andasibe]: ? : Collector Unknown: MNHN: 1, ROM: 1 [2 - 2] - Pointe a la Fievre: ? : Collector Unknown: MNHN: 1 [1 - 1] - Ramara: Bluntschli: ZMB: 1 [1 - 1] - Rogez: ? : Collector Unknown: MNHN: 2 [2 - 2] - Sainte Marie: Voeltzkow: ZMB: 1 [1 - 1] - Sakana: Voeltzkow: ZMB: 21 [21 - 21] - Sambirano River, lower: ? : Collector Unknown: MCZ: 2 [2 - 2] - Tamatave: ? : Collector Unknown: ZMB: 1 [1]; Voeltzkow: ZMB: 1 [1 - 2] - Tamatave [=Toamasina]: ? : Collector Unknown: MCZ: 2 [2 - 2] - Tampina: Bluntschli: ZMB: 1 [1 - 1] - Tanala: ? : Collector Unknown: MCZ: 1 [1 - 1] - Tananarive: Chabaud, Dr.: MNHN: 1 [1 - 1] - Tananarivo [=Antananarivo]: Caldwell, Sclater: ZMB: 1 [1 - 1] - Tuléar: Voeltzkow: ZMB: 3 [3 - 3] - Vondrozo, cave N of: ? : Collector Unknown: MCZ: 1 [1 - 1 - 191].
- Madeira [Portugal]:** Madeira Islands, Madeira Island: ? : Collector Unknown: BMNH: 1 [1]; MacGillivray, William S.: BMNH: 1 [1 - 2 - 2].
- Malawi:** : Happold, David C.D. and Happold, Meridith: BMNH: 3 [3 - 3] - Bangula swamp: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - Chiromo: ? : Collector Unknown: BMNH: 2 [2]; Wood, Rodney C., Esq.: BMNH: 14, KU: 2 [16 - 18] - Chiromo, mount: Wood, Rodney C., Esq.: BMNH: 1 [1 - 1] - Karonga: Lamborn: BMNH: 2 [2 - 2] - Kota-Kota: Govt. Agent, Kota-Kota: NHMZ: 7 [7 - 7] - Likabula mission: ? : Collector Unknown: TM: 5 [5]; Rautenbach, Ignatius L. (Dr.) [=Naas] et al: TM: 1 [1 - 6] - MacLear, cape: ? : Collector Unknown: CM: 1 [1]; Robbins, Lynn W.: CM: 3 [3 - 4] - Mulanje Plateau: Whyte, Alex (F.Z.S.): BMNH: 1 [1 - 1] - Nchalo: Hammer: HZM: 2 [2 - 2] - Nganda, E slope of mount: Burda, H.: SMF: 1 [1 - 1] - Nkhota-Kota: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1] - Nkhotakota [= Nkhota-Kota, Kota Kota, Kota-Korta]: ? : Collector Unknown: KM: 9 [9 - 9] - Port Herald: Harger: BMNH: 1 [1 - 1] - Thondwe: Happold, David C.D. and Happold, Meridith: BMNH: 1 [1 - 1] - Zomba Plateau: ? : Collector Unknown: KM: 6 [6]; Johnston, Harry H. (Sir): BMNH: 1 [1 - 7] - Zomba town: Johnston, Harry H. (Sir): BMNH: 2 [2]; Lennon: BMNH: 1 [1 - 3 - 68].
- Malta:** Malta: ? : Collector Unknown: BMNH: 1 [1 - 1 - 1].
- Mascarene Islands:** Rodrigues Island: ? : Collector Unknown: BMNH: 1 [1 - 1 - 1].
- Mauritius:** La Ronde: ? : Collector Unknown: BMNH: 1 [1 - 1] - Mauritius: ex Museum Paris: ZMB: 4 [4]; Sieber: ZMB: 1 [1 - 5] - no specific locality: Mason: ZMB: 1 [1]; Möbius: ZMB: 2 [2]; Robillard: ZMB: 1 [1]; Schneider: ZMB: 2 [2 - 6 - 12].
- Morocco:** Berkane: Brosset, André: MNHN: 2 [2 - 2] - Chichaoua: Vaden, R.E.: USNM: 7 [7 - 7] - Figuig: ? : Collector Unknown: BMNH: 1 [1 - 1] - Goulimine: ? : Collector Unknown: MNHN: 2 [2 - 2] - Ha-ha: de la Escalera, D. Manuel (coll), Thomas, O. (pres): BMNH: 1 [1 - 1] - Kef-el-Rhar, cave [=Grotte de Kef-el-Rhar]: ? : Collector Unknown: NMW: 1 [1 - 1] - Ksar-es-Souk: ? : Collector Unknown: NMW: 10 [10 - 10] - Lead mine [=Mine de Plomb]: ? : Collector Unknown: NMW: 1 [1 - 1] - Mogador: ? : Collector Unknown: MNHN: 1 [1 - 1] - Mogador [=Essaouira]: de la Escolera, F.M.: ZMB: 2 [2 - 2] - Nafikif forest: Institut Pasteur: MNHN: 1 [1 - 1] - Tagonidert: de la Escolera, F.M.: BMNH: 1 [1 - 1] - Tagouidert: de la Escolera, F.M.: ZMB: 1 [1 - 1] - Tanger: Floericke: ZMB: 1 [1]; Kleinschmidt, Floericke: ZMB: 1 [1 - 2 - 33].
- Mozambique:** Bazaruto Lodge: Kearney, Teresa Catherine (Dr.) and Downs, C.: DNSM: 2 [2 - 2] - Beira: ? : Collector Unknown: USNM: 1 [1 - 1] - Beira, 10 km N: Davis, R.M.: USNM: 1 [1 - 1] - Boror: ? : Collector Unknown: BMNH: 2 [2]; Peters: ZMB: 2 [2]; Peters, W.C.H.: RMNH: 1, ZMB: 3 [4 - 8] - Cabaceira: Peters, W.C.H.: ZMB: 1 [1 - 1] - Changalane [= Estatuane]: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Chiconia, 14 mi ESE: ? : Collector Unknown: USNM: 1 [1 - 1] - Chimonzo: Cole, Ronald E.: USNM: 2 [2 - 2] - Dabacua Setache: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Furancungo, 30 mi NNW: Coetzee: TM: 1 [1]; Coetzee, C.G.: TM: 1 [1 - 2] - Gorongoza Mountain [= Gorongosa Mountain]: ? : Collector Unknown: NHMZ: 3 [3 - 3] - Gruta Magochene: ? : Collector Unknown: NHMZ: 9, ROM: 8 [17 - 17] - Ibo: Peters: ZMB: 1 [1]; Peters, W.C.H.: ZMB: 2 [2 - 3] - Inhambane: Peters: ZMB: 1 [1]; Peters, W.C.H.: BMNH: 4, NMW: 1, ZMB: 3 [8]; Rudd, C.D.: BMNH: 1 [1 - 10] - Inhaminga: Hofmann, K.: SMF: 1 [1 - 1] - Jongamo: Cole, Ronald E.: USNM: 3 [3 - 3] - Lumbo: Loveridge, Arthur: BMNH: 3 [3 - 3] - Mague, new: Herbert, H.J.: USNM: 3 [3 - 3] - Masembeti: Rudd, C.D.: BMNH: 1 [1 - 1] - Massangena: Cole, Ronald E.: USNM: 1 [1 - 1] - Massinga, 2 km S: Cole, Ronald E.: USNM: 2 [2 - 2] - Mozambique: ? : Collector Unknown: BMNH: 1 [1 - 1] - Mozambique Island: ? : Collector Unknown: BMNH: 1 [1]; Peters, W.C.H.: ZMB: 2 [2 - 3] - Muchena: Coetzee, C.G. and the Smithsonian Expedition: TM: 1 [1 - 1] - Nabaunama River: ? : Collector Unknown: NHMZ: 1 [1 - 1] - no specific locality: Peters, W.C.H.: ZMB: 3 [3 - 3] - Nyaboa Caves: ? : Collector Unknown: NHMZ: 2 [2 - 2] - Panda: Cole, Ronald E.: USNM: 7 [7 - 7] - Posto Inhaca: Cole, Ronald E.: USNM: 4 [4 - 4] - Quilimane: Stuhlmann, Franz (dr.): ZMH: 1 [1 - 1] - Sena: Peters: ZMB: 2 [2]; Peters, W.C.H.: ZMB: 2 [2 - 4] - Shupanga: ? : Collector Unknown: BMNH: 1 [1 - 1] - Shupanga: ? : Collector Unknown: BMNH: 1 [1 - 1] - Shupanga [=Chupanga]: ? : Collector Unknown: BMNH: 2 [2 - 2] - Tete: ? : Collector Unknown: BMNH: 1 [1]; Grant, C.H.B. (Capt.): TM: 1 [1]; Grant, C.H.B. (Rudd Expedition): TM: 1 [1]; Peters, W.C.H.: BZM: 1 [1 - 4] - Tete district: ? : Collector Unknown: TM: 2 [2]; Coetzee: TM: 2 [2 - 4] - Tette: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 3 [3 - 3] - Tette [=Tete]: Peters: ZMB: 13 [13]; Peters: ? : ZMB: 1 [1]; Peters, W.C.H.: ZMB: 5 [5 - 19] - unspecified locality: van Dam, G.P.: TM: 1 [1 - 1] - Zinave: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Zinave National Park: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Zinave, 2 km S: ? : Collector Unknown: NHMZ: 1 [1 - 1 - 132].
- Namibia:** : ? : Collector Unknown: KM: 3 [3]; Rautenbach, Ignatius L. (Dr.) [=Naas]: MMK: 1, TM: 4 [5]; Shortridge, Guy C. (purchased): SAMC: 1 [1 - 9] - Arnheim, 80 km E: ? : Collector Unknown: TM: 5 [5 - 5] - Aus, 1 km W: Visser, John: TM: 1 [1 - 1] - Berseba: Shortridge, Guy C. (Capt.): BMNH: 2 [2]; Sordahl, L.O.: USNM: 1 [1 - 3] - Bethanien district:

- Leinweber: ZMB: 1 [1 - 1] - Cunene Falls: Shortridge, Guy C. (Capt.): BMNH: 2 [2 - 2] - Damaraland: Alexander, Capt.: BMNH: 1 [1]; Beck: ZMB: 1 [1]; Higgins: ZMB: 3 [3 - 5] - E. Kamombonde 86: Lester, L.A.: LACM: 1 [1 - 1] - Etosha Pan: Shortridge, Guy C. (Capt.): BMNH: 4 [4 - 4] - Farm 397: ? : Collector Unknown: TM: 1 [1 - 1] - Farm Kanaän: ? : Collector Unknown: TM: 1 [1 - 1] - Farm Klein Aus 8: ? : Collector Unknown: TM: 2 [2]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 4] - Farm Okandukaseibe 27: Lester, L.A.: LACM: 1 [1 - 1] - Farm Rheinvals: ? : Collector Unknown: TM: 3 [3 - 3] - Farm Sandfontein 468: ? : Collector Unknown: KM: 13 [13 - 13] - Farm Zwartmodder 101: ? : Collector Unknown: TM: 5 [5 - 5] - Gemsbok Pan: Vernay Expedition and Lang, Herbert: TM: 1 [1 - 1] - Gobabeb: Schlitter, Duane A. (dr.): USNM: 1 [1 - 1] - Great Brukoros Mountains: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1] - Grootfontein: Volkmann: ZMB: 2 [2 - 2] - Gross Barmen: Hahn, missionary: ZMB: 1 [1 - 1] - Halali Camp: van der Merwe, G.: TM: 2 [2 - 2] - Helmeringshausen: ? : Collector Unknown: TM: 1 [1 - 1] - Kaoko Otavi: Carp Expedition 1951: TM: 1 [1 - 1] - Karibib: Shortridge, Guy C. (Capt.): BMNH: 5 [5 - 5] - Karibib or Okahandja: Gaerdes, F.: SMF: 1 [1 - 1] - Karochos: ? : Collector Unknown: TM: 1 [1 - 1] - Keetmanshoop district [= Damaraland]: Haagner, Sigmund (Mr.): TM: 1 [1 - 1] - Kochina: ? : Collector Unknown: TM: 1 [1 - 1] - Koës: Sporneck, Graf: ZMB: 1 [1 - 1] - Kuibis: Ränge: ZMB: 1 [1 - 1] - Kuiseb River: White, A.G.: TM: 2 [2 - 2] - Liebig's Ranch: ? : Collector Unknown: TM: 2 [2]; Barlow: TM: 3 [3 - 5] - Makuri pan, 9 km W: ? : Collector Unknown: TM: 1 [1 - 1] - Marienthal: Rau, R.: SMF: 1 [1 - 1] - Mbambi: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1] - Nama pan [=Nama dam]: ? : Collector Unknown: TM: 2 [2 - 2] - Namibia: Hoesch, W.: FMNH: 1 [1]; Zumpt, F. (dr.): SMNS: 3 [3 - 4] - Namibia Desert Research Station [= DERU]: ? : Collector Unknown: NHMZ: 11 [11]; Richardson, P.: TM: 2 [2]; Roer, H.: BMNH: 1 [1]; Ronald E. Cole: USNM: 1 [1 - 15] - Nampiri: Carp, B.: TM: 1 [1 - 1] - Namutoni: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1] - Nassengehölle: Glauning: ZMB: 1 [1 - 1] - Neuhof-Kowas Farm: Viereck, A.: SMF: 2 [2 - 2] - Ngweze: Balme, F.N.: KM: 1 [1 - 1] - no specific locality: Kühn: ZMB: 1 [1 - 1] - Nuichan [=Nuitsas]: Lorch: ZMB: 1 [1 - 1] - Nuitsas Farm: Fock: ZMH: 1 [1 - 1] - Oas: Pöch, Rudolf (dr.): NMW: 2 [2]; Shortridge, Guy C. (Capt.): BMNH: 2 [2 - 4] - Okahandja: ? : Collector Unknown: SMF: 2 [2]; Dinter: ZMB: 2 [2]; Fock: ZMH: 1 [1]; Hoesch, W.: FMNH: 1 [1]; Niethammer, G.: ZFMK: 1 [1 - 7] - Olifants Vlei: Anderson, Mr.: BMNH: 2 [2 - 2] - Omaruru: Roberts, A.: TM: 1 [1 - 1] - Omaruru, 37 km N, 27 km W and 100 km W Eausiro: Lester, L.A.: LACM: 2 [2 - 2] - Omatagous: Chapman, C.P.: TM: 1 [1 - 1] - Ombombo: Ipa, Shortridge: ZMB: 1 [1 - 1] - Ombu: ? : Collector Unknown: AMNH: 1, TM: 16 [17]; Roberts, Austin: TM: 2 [2 - 19] - Omburo [=Omburu]: Schinz, H.: ZMB: 1 [1 - 1] - Omega camp: ? : Collector Unknown: TM: 1 [1 - 1] - Ondongera: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1] - Ondongwa: Shortridge, Guy C. (Capt.): BMNH: 7 [7 - 7] - Osjitambi farm: Hoesch, W.: FMNH: 1 [1 - 1] - Otjimbingue: Coetzee, C.G.: TM: 4 [4]; Hahn, missionary: ZMB: 12 [12 - 16] - Otjoro [=Otjihoro]: ? : Collector Unknown: BMNH: 2 [2]; Andersson, Toms: ZMB: 1 [1 - 3] - Otjosongombe: Hoesch, W.: BMNH: 1 [1 - 1] - Otjondjupa: ? : Collector Unknown: KM: 2 [2 - 2] - Otjumbumbi: Shortridge, Guy C. (Capt.): BMNH: 2, KM: 1 [3 - 3] - Outjo: Zumpt, F. (dr.): BMNH: 3, SMNS: 2 [5 - 5] - Quickborn: ? : Collector Unknown: TM: 2 [2]; Bradfield, R.D.: TM: 1 [1 - 3] - Spitzkopje: Püschel: ZMB: 1 [1 - 1] - Ssannakanu village: ? : Collector Unknown: KM: 8 [8 - 8] - Swartkop: ? : Collector Unknown: TM: 4 [4 - 4] - Ukualuisi: Shortridge, Guy C. (Capt.): BMNH: 6 [6 - 6] - Ukualukasi: Shortridge, Guy C. (Capt.): BMNH: 16 [16 - 16] - unknown locality: Lester, L.A.: LACM: 1 [1 - 1] - Usakos: ? : Collector Unknown: TM: 1 [1]; Coetzee: TM: 1 [1 - 2] - Walfischbay [=Walvis Bay]: Belk: ZMB: 1 [1 - 1] - Waterberg district: Pretoria Museum, donated: SAMC: 1 [1 - 1] - Windhoek: Lübbert: ZMB: 4 [4]; Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 5] - Windhoek [=Windhoek?]: Shortridge, Guy C. (Capt.): BMNH: 2 [2 - 2] - Witvlei: ? : Collector Unknown: BMNH: 1 [1 - 1 - 249].
- Niger:** Tapoa: Pöche, R.M.: USNM: 1 [1 - 1 - 1].
- Nigeria:** Francis, A.C., Esq.: BMNH: 1 [1 - 1] - Abo: ? : Collector Unknown: BMNH: 1 [1 - 1] - Afon: Geest, J.C.: USNM: 12 [12 - 12] - Alabe: Ebungbola, L.D.: BMNH: 1 [1 - 1] - Araba: ? : Collector Unknown: BMNH: 1 [1 - 1] - Asaba: ? : Collector Unknown: BMNH: 1 [1]; Crofse, H.: BMNH: 1 [1 - 2] - Benin [City]: Allison, F.R.: BMNH: 1 [1 - 1] - Calabar: Robb, Dr. A. (coll.), Smith, dr. J. (pres): BMNH: 1 [1 - 1] - Chappal Waddi: ? : Collector Unknown: SMNS: 3, ZFMK: 1 [4 - 4] - Darazo: Koeman, J.H.: ZMA: 1 [1 - 1] - Felele: Geest, J.C.: USNM: 3 [3 - 3] - Gangirwal: ? : Collector Unknown: SMNS: 2, ZFMK: 2 [4 - 4] - Gudi, 3 mi E: Geest, J.C.: USNM: 2 [2 - 2] - Ibadan: Akpan, S.B.: USNM: 1 [1]; Clausen, H.S.: ZMUC: 2 [2]; Cozens, A.B. (Col.): BMNH: 1 [1]; Geest, J.C.: USNM: 1 [1]; Nielsen, Mrs.: BMNH: 1 [1]; Taylor, K.D.: BMNH: 1 [1 - 7] - Ikotmbo: Sanderson, Ivan T.: BMNH: 2 [2 - 2] - Independence Layout: Ebigo, N.: SMF: 1 [1 - 1] - Kabwir: ? : Collector Unknown: BMNH: 1 [1]; Fox, Rév. G.J.: BMNH: 1 [1 - 2] - Kaduna: Start, A.N. and Watson, M.: BMNH: 1 [1 - 1] - Kano: Buchanan, Angus: BMNH: 1 [1 - 1] - Karaduwa: Geest, J.C.: USNM: 4 [4 - 4] - Kilboa, 20 mi W: Ford, A.: HZM: 2 [2 - 2] - Kudu: Geest, J.C.: USNM: 8 [8 - 8] - Lagos: ? : Collector Unknown: BMNH: 2 [2]; Dobson, George Edward (gift): BMNH: 1 [1]; Gerrard: ZMB: 2 [2]; Salmin: ZMB: 3 [3 - 8] - Leinde Fadali: ? : Collector Unknown: SMNS: 2, ZFMK: 1 [3 - 3] - Nassarawa: Cator, D.: BMNH: 1 [1 - 1] - Numan: Jones, Theo Simpson: BMNH: 1 [1 - 1] - Oban: Delamere, Lord: BMNH: 1 [1 - 1] - Ogbunike: Awachie, J.B.E.: BMNH: 1 [1 - 1] - Old Calabar: ? : Collector Unknown: BMNH: 1 [1]; Robb, Dr. A. (coll.), Smith, dr. J. (pres): BMNH: 1 [1]; Spurrell, H.G.F. (dr.): BMNH: 1 [1 - 3] - Old Calabar river: ? : Collector Unknown: BMNH: 1 [1 - 1] - Panyang [Fish Farm]: Fox, Rév. G.J.: BMNH: 1 [1]; Geest, J.C.: USNM: 2 [2 - 3] - Parniso: Geest, J.C.: USNM: 4 [4 - 4] - Sokoto: ? : Collector Unknown: BMNH: 1 [1]; Herbert, H.J.: USNM: 1 [1]; Swire, P.: HZM: 1 [1 - 3] - Tangaza: Geest, J.C.: USNM: 5 [5 - 5] - Tsanchaga: Geest, J.C.: USNM: 3 [3 - 3] - Umuahia: Cozens, A.B. (Col.): BMNH: 2 [2 - 2] - Wase Rock: Dunger, G.T.: BMNH: 1 [1 - 1] - West province: ? : Collector Unknown: BMNH: 1 [1 - 1] - Yelwa: ? : Collector Unknown: SMNS: 4, ZFMK: 4 [8 - 8] - Yo: Jones, Theo Simpson: BMNH: 4 [4 - 4] - Yoruba: Krauss: ZMB: 1 [1 - 1] - Zaria: Nash, T.A. (Dr.): BMNH: 1 [1 - 1] - Zaria, 15 mi NW: Herbert, H.J.: USNM: 2 [2 - 2 - 119].
- Reunion:** Réunion: Voyage de Mac..., le: RMNH: 1 [1 - 1 - 1].
- Réunion:** Bourbon [=Réunion]: Boucard: ZMB: 1 [1]; Boucard: ? : ZMB: 1 [1]; ex Museum Paris: ZMB: 1 [1]; Verreaux: ZMB: 2 [2 - 5] - Réunion: Pollen: ZMB: 2 [2 - 2 - 7].
- Rwanda:** Akagera Park: Verschuren, Jacques: KBIN: 10 [10 - 10] - Bagarura island: ? : Collector Unknown: KBIN: 6 [6 - 6] - Bugoye-Kisenyi: ? : Collector Unknown: RMCA: 3 [3 - 3] - Butare: ? : Collector Unknown: RMCA: 46 [46]; Fain, Alexandre (Dr.): RMCA: 1 [1 - 47] - Cyili: ? : Collector Unknown: RMCA: 4 [4 - 4] - Gabiro: ? : Collector Unknown: KBIN: 1, RMCA: 4 [5 - 5] - Gafumba: ? : Collector Unknown: RMCA: 2 [2 - 2] - Gakoma: ? : Collector Unknown: RMCA: 1 [1]; Svepel: ZMZ: 1 [1 - 2] - Gatera: ? : Collector Unknown: RMCA: 2 [2 - 2] - Gisenyi: ? : Collector Unknown: RMCA: 6 [6 - 6] - Gisovu: ? : Collector Unknown: RMCA: 1 [1 - 1] - Karama-Kigali-Nuhulu road: ? : Collector Unknown: RMCA: 1 [1 - 1] - Katjambura: ? : Collector Unknown: RMCA: 1 [1 - 1] - Kayonza: ? : Collector Unknown: RMCA: 1 [1 - 1] - Kibuye: ? : Collector Unknown: RMCA: 9 [9 - 9] - Kidaho: ? : Collector Unknown: RMCA: 5 [5 - 5] - Kigali: ? : Collector Unknown: RMCA: 6 [6 - 6] - Kisenyi [=Gisenyi]: ? : Collector Unknown: RMCA: 1 [1]; Van Saughem: RMCA: 1 [1 - 2] - Kissenji [=Gisenyi]: Köhl: ZMB: 1 [1]; Stegmann-Stein: ZMB: 5 [5 - 6] - Mabanza: ? : Collector Unknown: RMCA: 1 [1 - 1] - Mugarura: Schubotz: ZMB: 3 [3]; Stegmann-Stein: ZMB: 10 [10 - 13] - Muhazi, lake: ? : Collector Unknown: RMCA: 4 [4 - 4] - Murunda: ? : Collector Unknown: RMCA: 9 [9 - 9] - Musanse: ? : Collector Unknown: KBIN: 10 [10 - 10] -

- Nyakibanda: ? : Collector Unknown: RMCA: 12 [12]; Fain, Alexandre (Dr.): RMCA: 2 [2]; Mutere, F.A.: RMCA: 8 [8 - 22] - Nyamata: ? : Collector Unknown: RMCA: 4 [4 - 4] - Nyankokome: ? : Collector Unknown: KBIN: 1 [1 - 1] - Nyarutovu: ? : Collector Unknown: RMCA: 3 [3 - 3] - Nyumba cave: Fain, Alexandre (Dr.): BMNH: 6, MHNG: 1 [7 - 7] - Nyundo: ? : Collector Unknown: RMCA: 17 [17 - 17] - Nyungwe forest reserve: Heller, K.G. and Volleth, Marianne: SMF: 1 [1 - 1] - Rubona: ? : Collector Unknown: KBIN: 4, RMCA: 2 [6 - 6] - Rukira [=Rukara]: ? : Collector Unknown: RMCA: 36 [36 - 36] - Rwankalo: ? : Collector Unknown: KBIN: 1 [1 - 1] - Rwankwi: Leray, G.V.: RMCA: 1 [1 - 1] - Shangji: ? : Collector Unknown: RMCA: 1 [1 - 1] - Simbi cave: Anciaux de Faveaux, Michel: KBIN: 1 [1 - 1 - 257].
- São Tomé and Príncipe:** Generosa: ? : Collector Unknown: MTB: 1 [1 - 1] - Praia das Conchas: ? : Collector Unknown: EBD: 1 [1]; Feiler & Günther: ZMB: 1 [1]; Feiler and Günther: ZMB: 5 [5 - 7] - Príncipe island: Dohrn: ZMB: 1 [1 - 1] - São Tomé Island: F. Newton/Pires: MLZA: 1 [1 - 1 - 10].
- Saudi-Arabia:** Al Muwaylih [=Mohila]: ? : Collector Unknown: SMF: 1 [1 - 1 - 1].
- Senegal:** Bakel: ? : Collector Unknown: BMNH: 1 [1]; Lataste collection: BMNH: 1 [1 - 2] - Bandia: Böhme, W. et al.: ZFMK: 3 [3 - 3] - Dagana: Spatz: ZMB: 15 [15 - 15] - Dakar: Davis, R.M.: USNM: 2 [2 - 2] - Dialocote: Davis, R.M.: USNM: 17 [17]; Owen, G.F.: BMNH: 2 [2 - 19] - Djoudj national park: ? : Collector Unknown: MNHN: 1 [1 - 1] - Gamon: Davis, R.M.: USNM: 1 [1 - 1] - Goudiri: Davis, R.M.: USNM: 5 [5 - 5] - Kedougou: Wonder, F.C.: USNM: 1 [1 - 1] - Mbout [=Mbeute]: Spatz: ZMB: 20 [20 - 20] - Missirah Saloum: Verschuren, Jacques: KBIN: 22 [22 - 22] - Ndoor: Riggenbach: ZMB: 2 [2 - 2] - N'Gari: Chateau, R.: MHNG: 1 [1 - 1] - No specific locality: Doria, Giacomo (Marchese): ZMB: 1 [1]; Riggenbach: ZMB: 1 [1]; Scherer: ZMB: 12 [12]; Sokolowski: ZMB: 1 [1 - 15] - Richard Toll: ? : Collector Unknown: MNHN: 1 [1 - 1] - Saboya: Chateau, R.: MNHN: 1 [1]; Simonkovitch, E.: MNHN: 1 [1 - 2] - Senegal: de Selys-Longschamps: KBIN: 1 [1]; Herdson, D.: BMNH: 1 [1]; Taufflieb, R.: MNHN: 5 [5 - 7] - Tabadienke: Weidholz, Alfred: NMW: 6 [6 - 6] - Thiès: Riggenbach: ZMB: 4 [4]; Rippenbach: BMNH: 1 [1 - 5 - 130].
- Seychelle Islands:** Mahe Island: ? : Collector Unknown: BMNH: 1 [1 - 1] - Silhouette Island: Gardiner, Prof. J. Stanley: BMNH: 1 [1 - 1 - 2].
- Sierra Leone:** Bo School: ? : Collector Unknown: HZM: 1 [1 - 1] - Bonthe: Jones, Theo Simpson: BMNH: 2 [2]; Volz, W. (dr.): NMBE: 6 [6 - 8] - Freetown: Johnston, Harry H. (Sir): BMNH: 1 [1]; Jones, Theo Simpson: BMNH: 1 [1 - 2] - Kassewa Forest Reserve: Menzies, J.J.: BMNH: 2 [2 - 2] - Makeni: ? : Collector Unknown: BMNH: 1 [1]; Allison, F.R.: BMNH: 2 [2 - 3] - Musaia: Allison, F.R.: BMNH: 2 [2 - 2] - Njala: Jones, Theo Simpson: BMNH: 2 [2 - 2] - no specific locality: ? : Collector Unknown: BMNH: 2 [2]; Smith, Canon F.C. (Canon): BMNH: 1 [1 - 3] - Saltpan, near: Jones, Theo Simpson: BMNH: 1 [1 - 1] - Scaries river: Jones, Theo Simpson: BMNH: 1 [1]; Scott Elliot, G.: BMNH: 2 [2 - 3] - Sierra Leone: Dobson, Dr. A.F.: ZFMK: 1 [1]; Hickman, J.: BMNH: 1 [1]; Jones, Theo Simpson: BMNH: 1 [1 - 3] - Tasso Island: ? : Collector Unknown: BMNH: 1 [1]; Lowe, Willoughby P.: BMNH: 1 [1 - 2] - Waterloo: Jones, Theo Simpson: BMNH: 2 [2 - 2 - 34].
- Somalia:** Afgoi: de Selys-Longschamps: USNM: 1 [1 - 1] - Afmadu: ? : Collector Unknown: MZUF: 2 [2 - 2] - Barawa: Hildebrandt, J.M.: ZMB: 1 [1 - 1] - Bender Cassim: Scortecchi, G.: MSNM: 4 [4 - 4] - Bulu Burti: Schlitter, Duane A. (dr.): CM: 25 [25 - 25] - Burao: Berry, G.W.: BMNH: 1 [1 - 1] - Callis: ? : Collector Unknown: MZUF: 3 [3 - 3] - Chisimaio: Ward, C? (Col.): BMNH: 2 [2 - 2] - Dowa: Tribe, A.R.: BMNH: 1 [1 - 1] - El-Bur: Bovone, E.: MSNM: 1 [1 - 1] - Galgalo Oase: Lanza, Benedetto and Puccetti, Maria E. Azzaroli: MZUF: 15 [15 - 15] - Giohar: ? : Collector Unknown: MZUF: 1 [1 - 1] - Hargeisa: Osman Hill, W.C. and Tribe, A.R.: BMNH: 1 [1 - 1] - Jamaame: Schlitter, Duane A. (dr.): CM: 18 [18 - 18] - Kismaju [=Kismayu]: von Erlanger: ZMB: 2 [2 - 2] - Libsoma farm: Schlitter, Duane A. (dr.): CM: 34 [34 - 34] - Mogadishu [=Mogadishu =Moqdisho]: Müller: ZMB: 48 [48 - 48] - Mogadiscio: ? : Collector Unknown: MSNM: 1 [1 - 1] - no specific locality: ex Museum München: ZMB: 1 [1]; Müller: ZMB: 4 [4 - 5] - Ruspoli: ? : Collector Unknown: BMNH: 1 [1 - 1] - Shoonto forest: Varty, N.: BMNH: 1 [1 - 1] - Snai Sugar Plantation: Schlitter, Duane A. (dr.): CM: 71 [71 - 71] - Somalia: ? : Collector Unknown: MZUF: 1 [1]; Chandler, W.A.: USNM: 1 [1]; Revoil: MNHN: 4 [4 - 6] - Taleh cave: ? : Collector Unknown: MZUF: 10 [10 - 10] - Upper Sheikh: ? : Collector Unknown: BMNH: 1 [1]; Drake-Brockman, R.E. (dr.): BMNH: 1 [1 - 2] - Zeila [=Saylac]: von Erlanger: ZMB: 2 [2 - 2 - 259].
- South Africa:** ? : Collector Unknown: SAMC: 1, SRSITE: 1 [2]; Bell, H.W. and Karley: TM: 1 [1]; Kearney, Teresa Catherine (Dr.): DNSM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2]; Rautenbach, Ignatius L. (Dr.) [=Naas]; Bronner, Gary Neil (Dr.) and Schlitter, Duane A. (Dr.): TM: 1 [1]; Richardson, E.: TM: 1 [1 - 8] - "Cape of Good Hope" [=syn. "Kaap Goede Hoop"]: ? : Collector Unknown: BMNH: 1 [1]; Boncard, A.: MSNG: 1 [1]; Verreaux, J.P.: MNHN: 4 [4 - 6] - ??? : Cohen, Lientjie (Mpumalanga Parks Board): TM: 3 [3 - 3] - 27 Arnold Road: Harrison, James: TM: 2 [2 - 2] - 40 km N Polokwane [=Pietersburg], on Louis Trichard Road: Branch, Bill: TM: 1 [1 - 1] - 40 miles W of War Grave, Molopo River: Chivers, U.B.: TM: 1 [1 - 1] - 5 km N Potgietersrus: ? : Collector Unknown: TM: 2 [2 - 2] - Addington: ? : Collector Unknown: DNSM: 1 [1 - 1] - Albany district: Albany Museum, donated: SAMC: 1 [1 - 1] - Albert Falls Nature Reserve: Craigie, John: DNSM: 1 [1 - 1] - Albert Falls Nature Reserve, Chalet 1: Taylor, Peter John (Dr.) and Rahman: DNSM: 1 [1 - 1] - Alma: ? : Collector Unknown: TM: 2 [2 - 2] - Anthrax camp: ? : Collector Unknown: TM: 6 [6 - 6] - Augrabies Falls National Park: ? : Collector Unknown: MMK: 1 [1 - 1] - Augrabies Falls National Park, causway: ? : Collector Unknown: MMK: 1 [1 - 1] - Baberton: ? : Collector Unknown: TM: 1 [1 - 1] - Badplaas: Kearney, Teresa Catherine (Dr.): DNSM: 2 [2 - 2] - Barberton, 14 km NW: Liversedge, S.J.: USNM: 2 [2]; Robbins, Lynn W.: CM: 1 [1 - 3] - Barberton, Municipal Camping Site: Bronner, Gary Neil (dr.) et al: TM: 1 [1 - 1] - Bassutoland: Christol: MNHN: 1 [1 - 1] - Belvedere: ? : Collector Unknown: NRM: 1 [1 - 1] - Benghensdorp: Roberts, Austin: TM: 1 [1 - 1] - Bergplaas: Palmer, Guy (Cape Nat. Cons.): SAMC: 1 [1 - 1] - Birchleig: Coetzee, C.G.: TM: 2 [2 - 2] - Bishopstowe cave: Meester, J.: TM: 2 [2 - 2] - Blaney Nature Reserve: ? : Collector Unknown: BMNH: 1 [1 - 1] - Blijdschap PNR: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Blyde River Canyon [=Blyderivier Blyderivierspoort] Nature Reserve: van der Merwe, J.: TM: 1 [1 - 1] - Blyde River Canyon [=Blyderivier, Blyderivierspoort] Nature Reserve: van der Merwe, J.: TM: 1 [1 - 1] - Blyde River Canyon [=Blyderivier, Blyderivierspoort] Nature Reserve, Farm Bourkes Luck 454 [=Bourkes Luck Potholes]: Bronner, Gary Neil (dr.) and van der Merwe, J.: TM: 3 [3]; Marais, Hannes: TM: 1 [1]; van der Merwe, J.: TM: 4 [4]; van der Merwe, J. and Bronner, Gary Neil (dr.): TM: 4 [4 - 12] - Blyde River Canyon [=Blyderivier, Blyderivierspoort] Nature Reserve, Farm Chester 235, dam on Blyde River: van der Merwe, J.: TM: 1 [1 - 1] - Blyderivierspoort Nature Reserve, Bourkes Luck: ? : Collector Unknown: TM: 2 [2 - 2] - Bonamanzi Game Reserve: ? : Collector Unknown: DNSM: 2 [2]; Kearney, Teresa Catherine (Dr.): DNSM: 2 [2]; Taylor, Peter John (Dr.); Kearney, Teresa Catherine (Dr.) and Mari: DNSM: 11 [11 - 15] - Boskop Dam Nature Reserve: TPA Nature Conservation: TM: 2 [2 - 2] - Bothaville: Roberts, A.: TM: 1 [1 - 1] - Botshabelo: Merenski: ZMB: 1 [1 - 1] - Brakkloof: ? : Collector Unknown: TM: 1 [1 - 1] - Brandfort: ? : Collector Unknown: TM: 5 [5]; vd. Linde, J.A.: TM: 1 [1 - 6] - Bredasdorp: Rau, R.: SMF: 3 [3 - 3] - Bredill: Kubierke, H.: TM: 1 [1 - 1] - Bronkhorstspuit: Naude, J.J.C.: TM: 1 [1 - 1] - Bronkhorstspuit Dam Nature Reserve: West, Sean D. (GNC): TM: 1 [1 - 1] - Bryanston, 883 Lowndees Road: Terlingen, Robert: TM: 1 [1 - 1] - Buffelskloof Private Nature Reserve: Burrows, John; Cohen, L. and Fernsby, Nigel: TM: 1 [1 - 1] - Burgers Park:

Coetzee, C.G.: TM: 2 [2 - 2] - Burgersdorp: Roberts, Austin: TM: 1 [1 - 1] - Burman Bush, North Ridge Road: Greaves and Richardson: DNSM: 1 [1 - 1] - Caffraria: Degrolle: ZMB: 1 [1 - 1] - Cape Division: Frere, Bartle (Sir): SAMC: 1 [1]; Mann, W.F.: SAMC: 1 [1 - 2] - Cape of Good Hope: Bergius: ZMB: 1 [1]; Ecklon: ZMB: 1 [1]; ex Museum Leiden: ZMB: 1 [1]; Gerrard: ZMB: 1 [1]; Juritz / Museum München: ZMB: 1 [1]; Krebs: ZMB: 2 [2]; Mundt: ZMB: 1 [1]; Mundt and Maire: ZMB: 1 [1 - 9] - Cape Town: Layard, E.L.: MCZ: 1 [1 - 1] - Cape Town, 200 mi [=322 km] E: ? : Collector Unknown: BMNH: 2 [2 - 2] - Cape Vidal: ? : Collector Unknown: DNSM: 1 [1]; Uys, K.: DNSM: 2 [2 - 3] - Cederberg, Algeria State Forest, campsite: ? : Collector Unknown: SAMC: 5, TM: 2 [2]; Kearney, Teresa Catherine (Dr.) and Seamark, Ernest Charles James: SAMC: 2 [2]; Wolhuter, D.A. and Cassidy, R.J.: TM: 3 [3 - 12] - Cederberg, Pakhuis Pass, Kliphuis camp site: ? : Collector Unknown: SAMC: 2 [2 - 2] - Ceres, near: Roberts, Austin and Adendorff: TM: 1 [1 - 1] - Chambaire Nursery: Bronner, Gary Neil (dr.) et al: TM: 2 [2 - 2] - Christian Brothers College: Berry, V.: TM: 1 [1 - 1] - Cowies Hill: ? : Collector Unknown: DNSM: 1 [1 - 1] - Cowies Hill Park: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1] - Craigadam: Porter, R.N.: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel: TM: 5 [5 - 6] - Crocodile River: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - Culling camp: ? : Collector Unknown: TM: 4 [4]; Wolhuter, D.A.: TM: 1 [1]; Wolhuter, D.A. et al.: TM: 1 [1 - 6] - Danielskuil: ? : Collector Unknown: MMK: 2 [2 - 2] - De Hoek: Palmer, Guy (Cape Nat. Cons.): SAMC: 1 [1 - 1] - De Hoek Forest Station: Bronner, Gary Neil (dr.): TM: 2 [2 - 2] - De Hoek, Skeleton Cave: ? : Collector Unknown: TM: 6 [6 - 6] - Derdepoort: du Preez, J.: TM: 2 [2 - 2] - Dlinza Forest: Kearney, Teresa Catherine (Dr.): DNSM: 7 [7]; Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): DNSM: 3 [3 - 10] - Dlinza Forest, servitude into forest: Kearney, Teresa Catherine (Dr.): DNSM: 4 [4 - 4] - D'Nyala Provincial Nature Reserve: de Beer, T. (Transvaal Provincial Administration): TM: 3 [3]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 6] - Dongolakop: Pole Evans, I.B. (Dr.): TM: 1 [1 - 1] - Doonside: Brummer, V.: DNSM: 1 [1 - 1] - Doorndraai Dam Nature Reserve: West, Sean D.: TM: 1 [1]; West, Sean D. (TPA): TM: 2 [2 - 3] - Doornkraal Camp Site: RSVS: DNSM: 1 [1]; Rushworth, I.: DNSM: 1 [1]; Salewski, V. and Ueberschaer, K.: DNSM: 1 [1]; Schlitter, Duane A. (dr.): DNSM: 2 [2]; Schmutter, H. and Kock, D.: DNSM: 1 [1]; Schoeman, Corrie et al.: DNSM: 1 [1]; Seamark, Ernest Charles James: DNSM: 3 [3 - 10] - Doornkraal campsite: Kearney, Teresa Catherine (Dr.): DNSM: 5 [5 - 5] - Dugundhlovu camp site: McLean, S. (Natal Parks Board): TM: 1 [1 - 1] - Dukuduku Forest: ? : Collector Unknown: TM: 2 [2]; Bronner, Gary Neil (dr.) et al: TM: 2 [2 - 4] - Dullstroom Town: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1] - Dumisa gold mine: Wolhuter, D.A.: TM: 2 [2 - 2] - Durban: ? : Collector Unknown: BMNH: 2, DNSM: 9 [11]; Bell, H.W. and Karley: TM: 1 [1]; Hahn, W.L.: ZMB: 1 [1]; Kearney, Teresa Catherine (Dr.): DNSM: 1 [1]; Taylor, Peter John (Dr.): DNSM: 1 [1]; Wahlberg, J. (Stockholm Museum): BMNH: 1 [1 - 16] - Durban North: ? : Collector Unknown: DNSM: 1 [1]; Hogan, L.: DNSM: 1 [1 - 2] - Durban North, 8 Portland Crescent: Anderson, P.: DNSM: 1 [1 - 1] - Durban, 108 Bowen Avenue: ? : Collector Unknown: DNSM: 1 [1 - 1] - Durban, 183 Sarnia Road: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1] - Durban, 21 King George Avenue: Smart, C.: DNSM: 1 [1 - 1] - Durban, 50 km S: Cowles, R.B.: AMNH: 1 [1 - 1] - Durban, University Campus: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1] - Durban, University Campus, Chemistry Dept.: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1] - Durban, University of Natal campus: Richardson, E.J.: DNSM: 1 [1 - 1] - Durban, Walnut/Commercial Rd: Seamark, Ernest Charles James: DNSM: 1 [1 - 1] - Duwelskloof: Maberly, C.J. Ashley: TM: 1 [1 - 1] - East London: ? : Collector Unknown: TM: 1 [1 - 1] - Elim hospital: Stuart, C.T.: TM: 1 [1 - 1] - Empisini Nature Reserve: Kearney, Teresa Catherine (Dr.): DNSM: 3 [3]; Schoeman, Corrie: DNSM: 1 [1]; Scholtz, C.: DNSM: 1 [1]; Seamark, Ernest Charles James: DNSM: 4 [4 - 9] - Epping Crescent: ? : Collector Unknown: DNSM: 1 [1 - 1] - Eshowe: Chivers, C.B.: TM: 1 [1 - 1] - Eshowe, 4 Leigh Road: Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1] - Eshowe, 8 Residency Road: Taylor, Peter John (Dr.) and Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1] - Esperanza [=Beneva] Tunnel: Grant, C.H.B. (Rudd Expedition): DNSM: 1 [1]; Rosevear, D.R. (dr.): DNSM: 1 [1]; Rushworth, I.: DNSM: 1 [1]; SAS: DNSM: 1 [1]; Seamark, Ernest Charles James: DNSM: 1 [1 - 5] - Excelcior: Hopper, L. (dr.): HZM: 2 [2 - 2] - Fairview mine: Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1] - False Bay Park: ? : Collector Unknown: DNSM: 1 [1 - 1] - Farm Aasvogelrand-Oost 291: ? : Collector Unknown: NMB: 9 [9 - 9] - Farm Al-te-ver 103: Dippenaar, N.J. (dr.) and de Jager: TM: 3 [3 - 3] - Farm Badfontein 114JT, Kwena: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1] - Farm Blaauwbank 168JS: Kearney, Teresa Catherine (Dr.) and Ndhlovu, C.: TM: 1 [1]; Ndhlovu, Captain and Kearney, Teresa Catherine (Dr.): TM: 1 [1 - 2] - Farm Buffel Rivier Poort: ? : Collector Unknown: KM: 5 [5 - 5] - Farm Deelfontein: ? : Collector Unknown: BMNH: 1 [1 - 1] - Farm Doornhoek: Espie, I.W.: SMF: 2 [2 - 2] - Farm Duwelskloof 376 [=Mokeetsi]: Streeter, F.: TM: 1 [1 - 1] - Farm Evergreen: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - Farm Faust 743: ? : Collector Unknown: TM: 1 [1 - 1] - Farm Ferndale: Scholtz, C.: TM: 2 [2 - 2] - Farm Florisbad 686: ? : Collector Unknown: NMB: 18 [18 - 18] - Farm Gouna: ? : Collector Unknown: KM: 6 [6 - 6] - Farm Greefswald 37 [=Mapungubwe], Shashi-Limpopo confluence: Duthie, Andrew: TM: 6 [6]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 8] - Farm Hartebeesthoek: van der Merwe, Mac. (Dr.): TM: 6 [6 - 6] - Farm Hectorspruit: Streeter, F.: TM: 1 [1 - 1] - Farm Helena 780: ? : Collector Unknown: NMB: 1 [1 - 1] - Farm Hilda [=V.L.NR.]: Bronner, Gary Neil (dr.): TM: 1 [1 - 1] - Farm Kaalfontein 261, Ubumanzi Game Farm: Bronner, Gary Neil (dr.): TM: 3 [3 - 3] - Farm Kersefontein [=Berg River]: ? : Collector Unknown: DNSM: 8, TM: 3 [11]; Kearney, Teresa Catherine (Dr.) and Taylor, Peter John (Dr.): DNSM: 1 [1]; Taylor, Peter John (Dr.) and Kearney, Teresa Catherine (Dr.): DNSM: 2 [2 - 14] - Farm Klipfontein 407, Echo caves: Boshoff, P.: TM: 1 [1 - 1] - Farm Klipsteen 67JT: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1] - Farm Leeuwspeer 647, on Pongola river: Dippenaar, N.J. (dr.): TM: 1 [1 - 1] - Farm Lilliput 246: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1] - Farm Liverpool 202: Laatz, I.: TM: 1 [1 - 1] - Farm Luna 61MS [=V.L.N.R.]: Bronner, Gary Neil (dr.): TM: 7 [7 - 7] - Farm Makapansgat 39: Roberts, Austin: TM: 6 [6 - 6] - Farm Makapansgat, Makapan cave: ? : Collector Unknown: TM: 15 [15 - 15] - Farm Makapansgat, Pepercorn's cave: ? : Collector Unknown: TM: 29 [29 - 29] - Farm Mooigenoeg 83: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Farm Mooiplaas 94: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - Farm Naerina: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Farm Nakaetsi 376: Streeter, F.: TM: 2 [2 - 2] - Farm Narap: ? : Collector Unknown: TM: 2 [2 - 2] - Farm Nicorel 343: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Farm Northern Kakamas, behind cottages at Khamkirri: Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): TM: 4 [4 - 4] - Farm Nydas [=Cnydas]: ? : Collector Unknown: TM: 1 [1 - 1] - Farm Ohkoto [=Voigt's]: Wolhuter, D.A.: TM: 1 [1 - 1] - Farm Okhotso Boekenhoutskloof: Voigt, G. (Mr.): TM: 1 [1 - 1] - Farm Ratsegaai 204: ? : Collector Unknown: TM: 14 [14 - 14] - Farm Regina 68 [=V.L.N.R.]: ? : Collector Unknown: TM: 1 [1 - 1] - Farm Rhenosterspruit 59JQ: Newbury, R.: TM: 2 [2 - 2] - Farm Rhoda 9: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Farm Rietfontein 404: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 5] - Farm Rietfontein, pt 16: ? : Collector Unknown: TM: 1 [1 - 1] - Farm River 141 MS: Newbury, R.: TM: 1 [1 - 1] - Farm Rolspruit 127: de Jager, J.G.: TM: 1 [1 - 1] - Farm Roodepoort 386: Dippenaar, N.J. (dr.): TM: 4 [4 - 4] - Farm Rooikranz 538: Powell, W.: TM: 1 [1 - 1] - Farm Rotspruit: ? : Collector Unknown: TM: 3 [3 - 3] - Farm Rykvoorby 96: Prozesky, O.P.M.: TM: 1 [1 - 1] - Farm Sarum

245LS, Buzzard Mountain Retreat: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Farm Schaapplaas 1785: ? : Collector Unknown: NMB: 2 [2 - 2] - Farm Scrutton 23MT: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Farm Secheili's Oude Stad 6: ? : Collector Unknown: TM: 1 [1]; Museum Expedition: TM: 1 [1]; Transvaal Museum Expedition: TM: 1 [1 - 3] - Farm Strathfiedsaye: Smith, S.A.: TM: 1 [1 - 1] - Farm Tangala 87: Nesper, Walter: TM: 1 [1 - 1] - Farm Twin Streams: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1] - Farm Tygerkloof 354: ? : Collector Unknown: TM: 3 [3]; Bronner, Gary Neil (dr.): TM: 11 [11 - 14] - Farm Uitkyk: ? : Collector Unknown: TM: 1 [1]; van Son, G.: TM: 13 [13 - 14] - Farm Vygeboschlaagte 236JQ: Roberts, A.: TM: 1 [1 - 1] - Farm Waterval: Fernsby, Nigel; Cohen, Lientjie; de Wet, Koos and Peinke, Dean: TM: 4 [4 - 4] - Farm Welgedaan 292: ? : Collector Unknown: TM: 10 [10 - 10] - Farm Welgevonden 449: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Farm Witpoort 419: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3] - Farm Wonderfontein 103IQ: ? : Collector Unknown: TM: 1 [1]; Jameson, H. Lyster: TM: 7 [7 - 8] - Farm Wonderfontein 103IQ, Abe Baily Nature Reserve: West, Sean D.: TM: 1 [1 - 1] - Farm Wonderfontein 103IQ, Wonderfontein Cave: ? : Collector Unknown: TM: 2 [2 - 2] - Farm Wonderfontein, River cave: Jameson, H. Lyster: TM: 12 [12 - 12] - Farm Zanrivier: Nesper, Walter: TM: 1 [1 - 1] - Farm Zeekoegats Drift: ? : Collector Unknown: KM: 5 [5 - 5] - Farms Grootuikerboschkop & Elandslaagte: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 7 [7 - 7] - Feather River: Fernsby, Nigel; Peinke, Dean and Peinke, Sacha: TM: 1 [1 - 1] - Fig forest, Left-hand bank: Wolhuter, D.A. and van der Merwe, N.J.: TM: 1 [1 - 1] - Fig Tree Camp: ? : Collector Unknown: TM: 1 [1 - 1] - Figtree camp: ? : Collector Unknown: TM: 3 [3]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2]; Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel and van der Merwe, Mac. (Dr.): TM: 1 [1]; Wolhuter, D.A. et al.: TM: 2 [2 - 8] - Figtree forest: ? : Collector Unknown: TM: 2 [2]; Wolhuter, D.A. and van der Merwe, N.J.: TM: 10 [10 - 12] - Figtree forest, 4.8 km down stream of bridge: ? : Collector Unknown: TM: 2 [2 - 2] - Fir Glen: Parker, Noel: TM: 1 [1 - 1] - Foderia: ? : Collector Unknown: TM: 2 [2 - 2] - Fort Hoek Trading store: ? : Collector Unknown: SAMC: 2 [2 - 2] - Fountains Valley: Bronner, Gary Neil (dr.): TM: 1 [1 - 1] - Fram Middelwater 750: ? : Collector Unknown: NMB: 9 [9 - 9] - Game Valley Estates: ? : Collector Unknown: DNSM: 1 [1]; Kearney, Teresa Catherine (Dr.): DNSM: 2 [2]; Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): DNSM: 2 [2 - 5] - Ganyesa: ? : Collector Unknown: MMK: 1 [1 - 1] - Garden Castle Nature Reserve: Taylor, Peter John (Dr.): DNSM: 2 [2 - 2] - Garsfontein: ? : Collector Unknown: TM: 1 [1 - 1] - Gat Koppies: Jameson, H. Lyster: TM: 1 [1 - 1] - Gerlachshoop: Grützner: ZMB: 1 [1 - 1] - Ghost Mountain: Taylor, Peter John (Dr.) et al.: DNSM: 2 [2 - 2] - Gillets: Richards, G.: DNSM: 1 [1 - 1] - Gillets: Bell-Marley, H.W.: TM: 1 [1 - 1] - Goodhouse: ? : Collector Unknown: KM: 8 [8 - 8] - Goraas, Farm FrQ 2.9: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 8 [8 - 8] - Grahamstown: ? : Collector Unknown: TM: 3, USNM: 3 [6]; Grahamstown Museum: BMNH: 2 [2]; Smith, J.A. (dr.): BMNH: 1 [1 - 9] - Gravelotte mines: Duthie, Andrew: TM: 1 [1]; van Dam, G.P.: TM: 1 [1 - 2] - Greytown: Wood, J.: DNSM: 1 [1 - 1] - Groendal Wilderness Area: ? : Collector Unknown: TM: 2 [2 - 2] - Grootkloof: Nesper, Walter: TM: 1 [1 - 1] - Hans Strydom Dam Nature Reserve: West, Sean D.: TM: 2 [2 - 2] - Harold Johnson Nature Reserve: ? : Collector Unknown: DNSM: 1 [1]; Kearney, Teresa Catherine (Dr.): DNSM: 4 [4]; Schlechter, Max: DNSM: 1 [1]; Scholtz, C.: DNSM: 1 [1]; Schribante, Mrs.: DNSM: 1 [1]; Seamark, Ernest Charles James: DNSM: 1 [1 - 9] - Harrismith: ? : Collector Unknown: TM: 1 [1]; Seete, J.: TM: 1 [1 - 2] - Harrismith district: ? : Collector Unknown: TM: 1 [1 - 1] - Hartebeespoort dam: White, A.G. and Prozesky: TM: 1 [1 - 1] - Hatfield: ? : Collector Unknown: TM: 1 [1 - 1] - Hatfield Primary School: Skelbrin, A. and Wolff, U.: TM: 1 [1]; Wolff, U. et al.: TM: 1 [1]; Wolff, V. et al.: TM: 1 [1 - 3] - Hathaway: ? : Collector Unknown: DNSM: 1 [1 - 1] - Hazelmere Dam: Roberts, A.: TM: 1 [1 - 1] - Hazelmere Dam Nature Reserve: Bronner, Gary Neil (dr.): TM: 1 [1 - 1] - Hectorspruit: ? : Collector Unknown: TM: 1 [1]; Streeter, F.: TM: 3 [3 - 4] - Hella Hella Game Valley: Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): DNSM: 2 [2 - 2] - Hella-Hella Game Valley Estates: Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): DNSM: 2 [2 - 2] - Hells Gate: ? : Collector Unknown: DNSM: 10 [10 - 10] - Hennops River: ? : Collector Unknown: TM: 3 [3]; Coombs, C.: TM: 1 [1]; Fernsby, Nigel: TM: 2 [2]; Roberts, A. and Coombs, C.: TM: 1 [1]; Venter (Mr.): TM: 1 [1 - 8] - Hilgobbin Dargler: Frannin, G.G.: TM: 1 [1 - 1] - Hillary area, probably: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1] - Hillary, Hillary School: ? : Collector Unknown: DNSM: 1 [1 - 1] - Hillcrest, off Falcon Road: ? : Collector Unknown: DNSM: 1 [1 - 1] - Hlabeni Forest: Forbes, D.: DNSM: 1 [1 - 1] - Hlabisa: Cooke, M.L. (Natal Parks Board): TM: 1 [1 - 1] - Hluhluwe Game Reserve: ? : Collector Unknown: NM: 1 [1 - 1] - Hluhluwe Game Reserve, Research camp: ? : Collector Unknown: TM: 1 [1]; Bronner, Gary Neil (dr.): TM: 3 [3 - 4] - Hoedspruit: ? : Collector Unknown: TM: 1 [1 - 1] - Horo: ? : Collector Unknown: TM: 1 [1 - 1] - Hout Bay: Visser, John: AMNH: 1 [1 - 1] - Howick, Lions River: Bourquin, O.: TM: 1 [1 - 1] - Howick, Phillhot Street: Bourquin, O.: TM: 1 [1 - 1] - Huhea cave: University Venda Staff: TM: 3 [3 - 3] - Inanda Dam: Kearney, Teresa Catherine (Dr.): DNSM: 3 [3 - 3] - Ingwavuma: ? : Collector Unknown: TM: 1 [1]; Cooper, R.L.: TM: 1 [1]; Roberts, A.: TM: 1 [1 - 3] - Insuzi river: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 1 [1 - 1] - Interior of Caffraria: ? : Collector Unknown: BMNH: 1, RMNH: 1 [2]; Stockholm museum: BMNH: 1 [1 - 3] - Ipheva camp site: ? : Collector Unknown: DNSM: 4 [4 - 4] - Irene: ? : Collector Unknown: TM: 2 [2 - 2] - Irene, Agricultural Research Council [= ARC] grounds: West, Sean D.: TM: 1 [1 - 1] - Itala Game Reserve: Kearney, Teresa Catherine (Dr.): DNSM: 2 [2]; Scott, E.: DNSM: 1 [1]; Seamark, Ernest Charles James: DNSM: 2 [2]; Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 6] - Itala Game Reserve, sandstone cave: ? : Collector Unknown: TM: 12 [12 - 12] - Ithala [=Itala] Game Reserve, Main camp: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1] - Ithala Game Reserve [=Itala Nature Reserve]: Kearney, Teresa Catherine (Dr.): DNSM: 7 [7 - 7] - Jagersfontein Commonage, Disused mine: ? : Collector Unknown: NMB: 44 [44 - 44] - Jamestown: ? : Collector Unknown: NMB: 5 [5 - 5] - Johannesburg: ? : Collector Unknown: TM: 1 [1]; Jameson, H. Lyster: TM: 1 [1]; Schoeman, Corrie: TM: 1 [1 - 3] - Johannesburg: Jameson, H. Lyster: TM: 1 [1 - 1] - John Nash Nature Reserve [=Jack Scott Private Nature Reserve], American cave: ? : Collector Unknown: TM: 1 [1]; Coetzee, C.G.: TM: 1 [1]; Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 3] - Jonkershoek Nature Reserve: Taylor, Peter John (Dr.) and Kearney, Teresa Catherine (Dr.): DNSM: 4 [4 - 4] - Jozini Dam: Taylor, Peter John (Dr.) and Kearney, Teresa Catherine (Dr.): DNSM: 2 [2 - 2] - Jozini Dam, Dam wall: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1] - Kaap province [=Cape province]: Ecklon: NMW: 1 [1 - 1] - Kaap river: Rendall, Percy (dr.): BMNH: 1 [1 - 1] - Kaapse Hoop, Farm Drysdale: Lewis, E. (Mrs): TM: 1 [1 - 1] - Kabbefontein: ? : Collector Unknown: TM: 1 [1 - 1] - Kaffraria: ? : Collector Unknown: KM: 1 [1 - 1] - Kaggasmoudt: ? : Collector Unknown: KM: 4 [4 - 4] - Kalahari Gemsbok National Park: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Kalahari Gemsbok National Park, Kameelsleep: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Kalahari Gemsbok National Park, Marie se Gat: ? : Collector Unknown: TM: 18 [18 - 18] - Kalahari Gemsbok National Park, Mata Mata camp: ? : Collector Unknown: MMK: 2 [2 - 2] - Kalahari Gemsbok National Park, Rooikop: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Kamberg Nature Reserve: Dickson, E.: TM: 1 [1 - 1] - Karoo National Park: ? : Collector Unknown: TM: 2 [2 - 2] - King William's Town: ? : Collector Unknown: KM: 15 [15 - 15] - King Williamstown: ? : Collector Unknown: KM: 5 [5]; Vandeventer, W.: CM: 1 [1 - 6] - Klaserie PNR: von Brandis, R.: TM: 1 [1 - 1] - Klaserie Private Nature Reserve: von Brandis, R.: TM: 1 [1 - 1] - Kloof Falls Road/ Bridle Road picnic site: ? : Collector

Unknown: DNSM: 1 [1]; Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 2] - Knysna: ? : Collector Unknown: TM: 11 [11]; Rex, J.H.: TM: 5 [5 - 16] - Kosi Bay: ? : Collector Unknown: DNSM: 1 [1 - 1] - Kosi Lake: Bronner, Gary Neil (dr.) et al: TM: 1 [1 - 1] - Kosi Lake, Department of Health Camp: ? : Collector Unknown: TM: 2 [2 - 2] - Krabbefontein: ? : Collector Unknown: TM: 4 [4 - 4] - Kranskloof Nature Reserve: ? : Collector Unknown: TM: 1 [1 - 1] - Kranskloof Nature Reserve, Picnic site: Kearney, Teresa Catherine (Dr.) and Searmark, Ernest Charles James: DNSM: 1 [1 - 1] - Krokodil river: Wahlberg, J. (Stockholm Museum): RMNH: 1 [1 - 1] - Kruger National Park: ? : Collector Unknown: TM: 12 [12 - 12] - Krugersdorp: Jameson, H. Lyster: TM: 1 [1 - 1] - Kuruman: ? : Collector Unknown: BMNH: 1 [1]; Fritsche: ZMB: 3 [3 - 4] - Kyalami Kennels: Scott, E.: TM: 1 [1 - 1] - La Montagne, 280 Rotsvygie Street: ? : Collector Unknown: TM: 1 [1 - 1] - Ladyselborne: Namete, P.: TM: 3 [3 - 3] - Lalapanzi Pan: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1] - Langebaanweg, Chemfos mine: Tembo, I.: SAMC: 1 [1 - 1] - Langjan Provincial Nature Reserve: de Villiers, A.J. (Transvaal Provincial Administration): TM: 2 [2 - 2] - Lapalala Wilderness area, Farm Dubbelwater: Jones, E.M.: TM: 1 [1 - 1] - Lapalala Wilderness Area, Weltevreden Research Station, roadside on road to: Bronner, Gary Neil (dr.) and Gerrans, R.: TM: 1 [1 - 1] - Letaba Camp: ? : Collector Unknown: TM: 2 [2 - 2] - Letaba highwater bridge: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - Letaba, 8 km SE: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - Levuvhu River: Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel and Wolhuter, D.A.: TM: 1 [1]; Wolhuter, D.A. et al.: TM: 15 [15]; Wolhuter, D.A., Cassidy, R.J. and TS and LB: TM: 3 [3 - 19] - Levuvhu Hippo pool: Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 1 [1 - 1] - Levuvhu Bridge: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Levuvhu hippo pool: ? : Collector Unknown: TM: 26 [26]; Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 2 [2]; Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 3 [3 - 31] - Levuvhu River: Vinter, H.: TM: 1 [1 - 1] - Levuvhu River, opposite Shilawe stream: Stuart, C.T.: TM: 2 [2 - 2] - Leydsdorp, unspecified location: van Dam, G.P.: TM: 3 [3 - 3] - Limpopo-Levuvhu river confluence: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - Lobatsi [intermittent stream]: Schultze: ZMB: 1 [1 - 1] - Logogotu [=Legogot]: ? : Collector Unknown: BMNH: 3 [3 - 3] - Lombardy Willows: Crack, I.J. (Mrs.): TM: 2 [2 - 2] - Lormarins: Roberts, Austin and Adendorff: TM: 1 [1 - 1] - Loskop windmill: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Loskopdam Nature Reserve: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1] - Loster: Roberts, A.: TM: 1 [1 - 1] - Loteni Nature Reserve: ? : Collector Unknown: DNSM: 12 [12 - 12] - Louisvale: Hobson, L. and Shortridge, Guy C. (Capt.): BMNH: 1 [1]; Shortridge, Guy C. (Capt.): BMNH: 3, KM: 1 [4 - 5] - Luipershoek: Nesser, Walter: TM: 1 [1 - 1] - Lydenburg: Bachmann: ZMB: 3 [3]; Wilms: ZMB: 7 [7 - 10] - Lydenburg Krantz: ? : Collector Unknown: TM: 7 [7 - 7] - Lynnwood Glen, Delaware Street: ? : Collector Unknown: TM: 1 [1 - 1] - Lynwood: Burton, M.: TM: 1 [1 - 1] - Madimbo Military area: Ellis, S.: TM: 9 [9 - 9] - Maditobe [= Witsand] Dam: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 13 [13 - 13] - Maditobe Pan [=Maditobepan]: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4 - 4] - Maditobe Witsand Dam: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3] - Mafikeng, 5 km outside: SANTI: TM: 1 [1 - 1] - Magamba windmill: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4 - 4] - Magoesklouf: ? : Collector Unknown: TM: 1 [1 - 1] - Mahembane: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 1 [1 - 1] - Mahogany Drive: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 5] - Makalali: ? : Collector Unknown: TM: 1 [1]; Ginn, P.: TM: 1 [1 - 2] - Makapansgat, Historic Cave: Holloway, Geoffrey: TM: 1 [1 - 1] - Makatini Research Village Pongola River: Fernsby, Nigel: DNSM: 1 [1 - 1] - Makupana cave: Meester, J. and Stegman, D.: TM: 2 [2 - 2] - Malalane area: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - Malelane: ? : Collector Unknown: DNSM: 2, TM: 3 [5 - 5] - Malvern: ? : Collector Unknown: TM: 5 [5]; Jameson, H. Lyster: TM: 5 [5 - 10] - Malvern, 1 Rindle Road: ? : Collector Unknown: DNSM: 1 [1 - 1] - Manaba: Roberts, A.: TM: 1 [1 - 1] - Manxeba [=Maxeba] windmill: ? : Collector Unknown: TM: 1 [1 - 1] - Manyeleti Game Reserve, main camp: Haagner, G.: TM: 2 [2 - 2] - Manyeleti, Hermitagie camp: Haagner, G.: TM: 1 [1 - 1] - Manzengwenya Forest Station: ? : Collector Unknown: TM: 4 [4 - 4] - Maria van Riebeeck Nature Reserve: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3] - Mariepskop: Meester, J.: TM: 13 [13 - 13] - Mariepskop Research Station: ? : Collector Unknown: TM: 5 [5 - 5] - Mashikiri windmill: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4]; Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel and van der Merwe, Mac. (Dr.): TM: 4 [4 - 8] - Masinda Camp: Astrup, M.: TM: 1 [1 - 1] - Matitobe dam: ? : Collector Unknown: TM: 1 [1 - 1] - Matubatuba: Visser, John: TM: 1 [1 - 1] - Matukwatadam: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - Mayville: Noome, F.O.: TM: 1 [1 - 1] - Melmoth: Taylor, Peter John (Dr.) and Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1] - Merrivale: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1] - Messina: Kearney, Teresa Catherine (Dr.): DNSM: 2 [2 - 2] - Messina Nature Reserve: Kearney, Teresa Catherine (Dr.): DNSM: 14 [14]; West, Sean D. (TPA): TM: 3 [3 - 17] - Middelburg: Gow, C.: SAMC: 1 [1 - 1] - Mission Rocks: Taylor, Peter John (Dr.); Kearney, Teresa Catherine (Dr.) and Mari: DNSM: 3 [3 - 3] - Mnangadyana Koppie, cave: Bronner, Gary Neil (dr.): TM: 4 [4 - 4] - Mockford's garden: ? : Collector Unknown: TM: 12 [12]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 14] - Mogale City [=Krugersdorp]: ? : Collector Unknown: BMNH: 2 [2 - 2] - Mokeetsi: ? : Collector Unknown: TM: 1 [1]; Mare, D.: TM: 1 [1 - 2] - Molopo Nature Reserve, swimming tank: ? : Collector Unknown: MMK: 2 [2 - 2] - Mooi River district: ? : Collector Unknown: NM: 3 [3 - 3] - Mooiplaas, SAPPI: Searmark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): DNSM: 15 [15]; Taylor, Peter John (Dr.) and Kearney, Teresa Catherine (Dr.): DNSM: 7 [7 - 22] - Mosdene Private Nature Reserve: Rautenbach, Ignatius L. (Dr.) [=Naas] and Dippenaar, Nico J. (Dr.): TM: 1 [1 - 1] - Motale River: Noome and White: TM: 1 [1 - 1] - Mount Moreland, 12 Williams Road: Vickers, H.: DNSM: 1 [1 - 1] - Mountain Lakes Adventure Campsite: Taylor, Peter John (Dr.) and Kearney, Teresa Catherine (Dr.): DNSM: 4 [4 - 4] - Msikaba river mouth: Roberts, A.: TM: 1 [1 - 1] - Mtambanana: Roberts, A.: TM: 1 [1 - 1] - Murraysburg, NW of: ? : Collector Unknown: KM: 16 [16 - 16] - Namaba: Roberts, Austin: TM: 1 [1 - 1] - Natal: Coghill, D.: AMNH: 1 [1]; Stopp, K. and Mumford, R.E.: ROM: 1 [1 - 2] - Natal Midlands, Nottingham Road, Clifton school: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1] - Ndumu Game Reserve: ? : Collector Unknown: TM: 5 [5]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 6] - near Muldersdrift: West, Sean D. (GNC): TM: 1 [1 - 1] - near Port Natal [=Durban]: ? : Collector Unknown: BMNH: 2 [2 - 2] - near Stutterheim: ? : Collector Unknown: KM: 1 [1 - 1] - Nelspruit: ? : Collector Unknown: TM: 3 [3]; Breyer, H.G. (dr.): TM: 1 [1 - 4] - Nelspruit, near: Douglas, R.: TM: 1 [1 - 1] - New figtree forest: ? : Collector Unknown: TM: 6 [6]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 8] - New Hanover school: ? : Collector Unknown: DNSM: 1 [1 - 1] - New Mucklenuek, 351 Rey Street: ? : Collector Unknown: TM: 1 [1 - 1] - Ngome Forest Reserve: ? : Collector Unknown: TM: 10 [10]; Bronner, Gary Neil (dr.): TM: 1 [1 - 11] - Ngqeleni: ? : Collector Unknown: TM: 1 [1 - 1] - Ngqeleni district: Shortridge, Guy C. (Capt.): TM: 1 [1 - 1] - Ngubhu Picnic: Searmark, Ernest Charles James: DNSM: 1 [1 - 1] - Nkandla Forest Reserve: Taylor, Peter John (Dr.) and White, Wendy: DNSM: 2 [2 - 2] - no specific locality: Brandt: ZMB: 1 [1 - 1] - Nongoma: Erasmus, E.: TM: 2 [2 - 2] - Norlim mine [=Buxton mine]: Herselman, J.C.: KM: 5 [5 - 5] - North Park Nature Reserve: Kearney, Teresa Catherine (Dr.): DNSM: 2 [2 - 2] - Nottingham Road: Fly, R.: DNSM: 1 [1 - 1] - Nwanedi: Visser, David: TM: 6 [6 - 6] - Nyala and Main Roads junction: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Nylstroom: Carr, R.D.: TM: 1 [1 - 1] - Nylsvlei Nature Reserve: Bronner, Gary Neil (dr.): TM: 1 [1]; Jacobsen, N.J.: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 3] - Old Culling camp: Rautenbach, Ignatius L. (Dr.)

[=Naas]: TM: 1 [1 - 1] - Old Figtree forest: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - Old picnic site: ? : Collector Unknown: TM: 9 [9]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4]; Wolhuter, D.A. et al.: TM: 1 [1 - 14] - Olifants Rest Camp, 7 km W: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 7 [7 - 7] - Olifants River: ? : Collector Unknown: MMK: 2 [2]; Noome, F.O.: TM: 1 [1 - 3] - Olifantsfontein, 42 Oribi Ave: Dehning, C.: TM: 1 [1 - 1] - Omdraaiivlei: ? : Collector Unknown: TM: 1 [1 - 1] - Onderstepoort: Veterinary Research Lab: TM: 1 [1]; Zoological Survey: TM: 2 [2 - 3] - Orange River confluence: ? : Collector Unknown: BMNH: 1 [1 - 1] - Orange River, near south bank: ? : Collector Unknown: SAMC: 1 [1 - 1] - Oribi Gorge Nature Reserve: ? : Collector Unknown: TM: 1 [1 - 1] - Oribi Gorge Ranch: Seemark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): DNSM: 2 [2 - 2] - Ottos Bluff [=Koks farm]: Wolhuter, D.A.: TM: 1 [1 - 1] - P.K. Santa: Greyling, A.: TM: 1 [1 - 1] - Pafuri: ? : Collector Unknown: TM: 19 [19]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2]; Schlitter, Duane A. (dr.): CM: 2 [2 - 23] - Pafuri, Bridge: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - Pafuri, Research camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - Pafuri, upstream site: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Pafuri, Figtree Forest, downstream: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3] - Park Rynie: ? : Collector Unknown: DNSM: 1 [1 - 1] - Percy Fyfe Nature Reserve: West, Sean D.: TM: 1 [1]; West, Sean D. (TPA): TM: 3 [3 - 4] - Picnic site: ? : Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 4] - Pietermaritzburg: ? : Collector Unknown: SMF: 5, TM: 1 [6]; Frichmunn, H.: USNM: 1 [1]; Richardson and Kearney, Teresa Catherine (Dr.): DNSM: 1 [1]; Taylor, Peter John (Dr.) and Kearney, Teresa Catherine (Dr.): DNSM: 2 [2 - 10] - Pietersburg: ? : Collector Unknown: TM: 2 [2 - 2] - Pigeon Valley: ? : Collector Unknown: TM: 1 [1 - 1] - Pigeon Valley Park: Kearney, Teresa Catherine (Dr.): DNSM: 2 [2 - 2] - Pilanesburg Nature Reserve, Old mine audit: Jacobsen, N.J.: TM: 1 [1 - 1] - Pinetown: Richardson, E.: DNSM: 1 [1 - 1] - Pirie, Pirie Mission: Godfrey, R. (Rev.): SAMC: 7 [7 - 7] - Point Caravan Park: ? : Collector Unknown: DNSM: 1 [1 - 1] - Pondoland: Bachmann: ZMB: 1 [1 - 1] - Pongola Biosphere Reserve, Mpalane Lodge: Taylor, Peter John (Dr.); Jacobs, David S. (Dr.); et al.: DNSM: 5 [5 - 5] - Pongola River Bridge: Taylor, Peter John (Dr.); Jacobs, David S. (Dr.); et al.: DNSM: 17 [17 - 17] - Pongolapoort Dam [=Pongola dam], dams inspection tunnels: ? : Collector Unknown: DNSM: 1 [1 - 1] - Port Alfred: Penther, A. (Dr.): NMW: 1 [1 - 1] - Port Elisabeth: Braune, Dr.: NMW: 1 [1 - 1] - Port Natal [=Durban]: Gueinzus: ZMB: 1 [1]; Mohr: ZMB: 1 [1]; Schlüter, A.: ZMB: 1 [1 - 3] - Port Nolloth, 15 mi inland: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1] - Port Shepstone, 48 km NE: ? : Collector Unknown: CM: 1 [1]; Robbins, Lynn W.: CM: 2 [2 - 3] - Port St. Johns: ? : Collector Unknown: SAMC: 1, TM: 7 [8]; Meester, J.: TM: 3 [3]; Swinny, H.H.: TM: 6 [6 - 17] - Postberg Nature Reserve: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Potchefstroom: ? : Collector Unknown: TM: 1 [1]; Jameson, E. (Dr.): BMNH: 1 [1 - 2] - Potgietersrus: Pretorius, H.: TM: 2 [2 - 2] - Pretoria: ? : Collector Unknown: TM: 4 [4]; Broom, R. (dr.): TM: 1 [1]; Haagner, A.K. (Dr.): TM: 2 [2]; Noome, F.O.: TM: 2 [2]; Roberts, A.: TM: 1 [1]; Roberts, Austin: TM: 1 [1]; Roberts, Dr.: TM: 1 [1]; The Mines, L. and Smith, D.: TM: 1 [1]; Wortzel, J.: TM: 1 [1 - 14] - Pretoria Zoo: ? : Collector Unknown: TM: 1 [1 - 1] - Pretoria Zoological Gardens, near: Fernsby, Nigel: TM: 2 [2 - 2] - Pretoria Zoo's farm: de Jager, J.G.: TM: 1 [1 - 1] - Pretoria, 38 Andria Street: Roberts, A.: TM: 1 [1 - 1] - Pretoria, city centre: Maleka Anna and Ndhlovu T.C.: TM: 1 [1 - 1] - Punda Maria Camp: ? : Collector Unknown: TM: 1 [1 - 1] - Punda Milia: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 9 [9 - 9] - Punda Milia Camp: Long, H.: TM: 1 [1 - 1] - Queenswood: Schribante, Mrs.: TM: 1 [1 - 1] - Qwa-Qwa National Park: ? : Collector Unknown: NMB: 1 [1 - 1] - Remnant of portion of 34, portion of 25 Hartebeesfontein 473 JQ [=Fourwinds farm]: Fernsby, Nigel: TM: 1 [1 - 1] - Renishaw: ? : Collector Unknown: DNSM: 1 [1]; Kearney, Teresa Catherine (Dr.): DNSM: 2 [2 - 3] - Renishaw, 29 Maryland Road: Seemark, Ernest Charles James: DNSM: 1 [1 - 1] - Republic of South Africa: Hedy, Q.B.: OSU: 1 [1]; Stockholm museum: BMNH: 1 [1 - 2] - Rhenosterkoppies: ? : Collector Unknown: TM: 5 [5]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 12 [12 - 17] - Rietondale, 177 Lys Street: Humphreys, Eddie: TM: 1 [1 - 1] - Rissik Private Nature Reserve: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 8 [8 - 8] - Rocher Pan Nature Reserve [=Rocher pan, Rocherpan]: Herselman, J.C.: KM: 1 [1 - 1] - Rockcliff farm: ? : Collector Unknown: TM: 1 [1 - 1] - Roodevaal Private Camp, 2 km SE: ? : Collector Unknown: TM: 2 [2 - 2] - Rooiberg, Tin mine: West, Sean D. (TPA): TM: 1 [1 - 1] - Royal Natal National Park: ? : Collector Unknown: DNSM: 3 [3 - 3] - Rustenburg Nature Reserve: Newbery, C. (NWP Nat. Cons): TM: 1 [1 - 1] - S A Lombaard Nature reserve: Newberry, C. (TPA): TM: 1 [1 - 1] - Saasveld Forestry College: Breytenbach, J.: TM: 1 [1 - 1] - Sabie: ? : Collector Unknown: TM: 1 [1 - 1] - Sabie River: ? : Collector Unknown: TM: 2 [2 - 2] - Sabie river bank: ? : Collector Unknown: TM: 2 [2]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 7] - Sabie River, north bank: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 6 [6 - 6] - Sabie River, Staff Picnic site: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Saldanha Bay: Roberts, Austin and Adendorff: TM: 3 [3 - 3] - Sanbonani: Seemark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1] - Sanbonani, confluence of Sabi & White Sands rivers: Rosevear, D.R. (dr.): DNSM: 1 [1 - 1] - Satara rest camp: ? : Collector Unknown: TM: 2 [2]; Whitfield, T.: TM: 1 [1 - 3] - Satara, 8 km E, old bridge over Nwanedzi River: ? : Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 6] - Schurweberg: Kramer, H.H.: TM: 1 [1 - 1] - Scottburgh: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1] - Scottsville, 26 Hutchinson Road: Bernard, R.T.F. (dr.): TM: 1 [1 - 1] - SE Elandsbaai, Farm Groote Drift: ? : Collector Unknown: KM: 6 [6 - 6] - Sezela, 3 Msinzi Avenue: Seemark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): DNSM: 7 [7 - 7] - Shashi-Limpopo River confluence: Herholdt, K.: TM: 3 [3]; Nature Conservation (TPA): TM: 1 [1]; TPA Nature Conservation: TM: 2 [2 - 6] - Shepston Nature Reserve: ? : Collector Unknown: TM: 1 [1 - 1] - Shilouwan: Junod: MHNG: 1 [1 - 1] - Shingwedzi camp: ? : Collector Unknown: TM: 5 [5]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1]; Streeter, F.: TM: 1 [1 - 7] - Shingwidzi Game Reserve: Streeter, F.: TM: 1 [1 - 1] - Shore Nature Reserve: Bourquin, O.: TM: 1 [1 - 1] - Shoshanguve: Mochaki, Stephina: TM: 1 [1 - 1] - Sibaya: Cooper, R.: TM: 2 [2 - 2] - Sikangwana: Bell-Marley, H.W.: TM: 1 [1 - 1] - Simuwana: Schlitter, Duane A. (dr.): CM: 1 [1 - 1] - Skukuza: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Skukuza Koppies: Meester, J.: TM: 5 [5 - 5] - Skukuza staff village: ? : Collector Unknown: TM: 2 [2 - 2] - Skukuza, 1.5 km NW, Dense woodland upper reaches of Western Water Reservoir: ? : Collector Unknown: TM: 1 [1]; Bronner, Gary Neil (dr.): TM: 5 [5 - 6] - Skukuza, 1.5 km NW, western water reservoir: Bronner, Gary Neil (dr.): TM: 2 [2 - 2] - Skukuza, 7 km E, on Sabie river: Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 1 [1 - 1] - Skukuza, dam at golf course: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Skurweberg cave: Arnold, H. et al.: TM: 1 [1]; Harnold, Copley and Meester: TM: 1 [1 - 2] - Smithfield: ? : Collector Unknown: NMB: 1 [1 - 1] - Sobhengu Lodge: ? : Collector Unknown: DNSM: 1 [1 - 1] - South Africa: ? : Collector Unknown: BMNH: 1 [1 - 1] - Soutpansberg: Jameson, E. (Dr.): BMNH: 2 [2 - 2] - Spioenkop Dam, Mabamnyama Staff House: Chinner, M.J.: TM: 1 [1 - 1] - Spioenkop Nature Reserve: ? : Collector Unknown: TM: 1 [1 - 1] - Spring Grove: ? : Collector Unknown: NM: 3 [3]; Wing: NM: 1 [1 - 4] - St. Lucia: ? : Collector Unknown: DNSM: 1, TM: 1 [2 - 2] - St. Lucia Crocodile centre: Buckle, J.: TM: 1 [1 - 1] - St. Lucia Estuary: McLean, S.: TM: 1 [1 - 1] - St. Lucia Village, Croc Centre: McLean, S.: TM: 1 [1 - 1] - St. Lucia, Eastern Shores: Taylor, Peter John (Dr.); Kearney, Teresa Catherine (Dr.) and Mari: DNSM: 4 [4 - 4] - Staff village: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Stainbank Nature Reserve: Kearney, Teresa Catherine (Dr.):

- DNSM: 3 [3]; Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): DNSM: 3 [3 - 6] - Stangene Dam: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 1 [1 - 1] - Sterkfontein caves: Brain, C.K.: TM: 3 [3 - 3] - Stilbaai: ? : Collector Unknown: TM: 7 [7 - 7] - Stillbaai: Roberts, Austin: TM: 1 [1 - 1] - Stoltzneck dam: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - Sudwala Cave: ? : Collector Unknown: TM: 1 [1]; Estebeth, M.: TM: 2 [2]; Schoeman, Corrie et al.: TM: 1 [1 - 4] - Sugar Research Association Estate: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1] - Suikerbosrand [=Suikerboschrand] Nature Reserve: ? : Collector Unknown: DNSM: 1 [1]; de Beer, T. (Transvaal Provincial Administration): TM: 1 [1 - 2] - Sunnyside: ? : Collector Unknown: TM: 1 [1]; Roberts, A.: TM: 1 [1 - 2] - Sunnyside, 34 Palmcourt South: ? : Collector Unknown: TM: 1 [1 - 1] - Swartkop: ? : Collector Unknown: TM: 1 [1 - 1] - Swellidam: Smith, A.: BMNH: 1 [1 - 1] - Sycamore Station: Bedford, J.A.H.: TM: 1 [1 - 1] - Table Mountain, Platteklip: Howes, C.: SAMC: 1 [1 - 1] - Table Mountain, Wynberg cave: Grindley, J.: TM: 1 [1]; Grindly, J.R.: TM: 2 [2 - 3] - Tanaba: Roberts, Austin: TM: 1 [1 - 1] - Tembe: ? : Collector Unknown: TM: 2 [2 - 2] - Tembe Elephant Park: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1]; Taylor, Peter John (Dr.) and Kearney, Teresa Catherine (Dr.): DNSM: 4 [4 - 5] - Ten Bosch Estates: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - The Downs: Ginn, P.J.: TM: 1 [1]; Jacobsen, N.: TM: 2 [2 - 3] - Tierkloof: Barry, T.: SAMC: 2 [2 - 2] - Tierkloof, Bushcamp: Olivier, Z. and Barry, T.: SAMC: 2 [2 - 2] - Town Bush cave: Wolhuter, D.A.: TM: 1 [1 - 1] - Transvaal: ? : Collector Unknown: BMNH: 1 [1]; Distant, W.L.: BMNH: 1 [1 - 2] - Tshalungwa Fountain [=Shalungwafontein, Tshalungwafontein]: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas] and van der Merwe, Mac. (Dr.): TM: 1 [1 - 2] - Tshokwane picnic spot, 12 km E: Braack, Leo: TM: 2 [2 - 2] - Tsitsikama National Park, 2 km S Stormsriver Mouth, Guono Cave: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Twaing Crater: Maleka, Anna; Ndhlovu, Captian and Kearney, Teresa Catherine: TM: 1 [1 - 1] - Twaing Crater, reception area: Kearney, Teresa Catherine (Dr.) and Ndhlovu: TM: 1 [1 - 1] - Tzaneen: Jameson, H. Lyster: TM: 1 [1 - 1] - Tzaneen Estate: ? : Collector Unknown: TM: 1 [1 - 1] - Tzaneen Estates: Jameson: TM: 1 [1 - 1] - Tzaneen Governmental Estate: Jameson, H. Lyster: TM: 1 [1]; Wilde, H.: TM: 1 [1 - 2] - Tzaneen Government Estate: ? : Collector Unknown: TM: 1 [1 - 1] - Uitenhage district: Pringle, J.A.: HZM: 1 [1 - 1] - Uitkyk en Paranie Private Nature Reserve: Dippenaar, N.J. (dr.): TM: 1 [1 - 1] - Umbogontwini Nature Reserve: Taylor, Peter John (Dr.): DNSM: 1 [1 - 1] - Umdoni Park: Wolhuter, D.A.: TM: 3 [3 - 3] - Umfolozi Game Reserve: Roberts, A.: TM: 1 [1 - 1] - Umhlanga Reserve: Jacobs, M.: TM: 1 [1 - 1] - Umhlanga Rocks, 2 Tibia Crescent: Taylor, Peter John (Dr.) and Kearney, Teresa Catherine (Dr.): DNSM: 4 [4 - 4] - Umhlatusi River: ? : Collector Unknown: TM: 1 [1 - 1] - Umhlumi: Roberts, A.: TM: 1 [1 - 1] - Umkomaas: ? : Collector Unknown: BMNH: 3 [3 - 3] - Umlalazi Nature Reserve: ? : Collector Unknown: TM: 1 [1]; Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): DNSM: 3 [3 - 4] - Umtamvuna Gorge Nature Reserve: Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): DNSM: 5 [5 - 5] - Umzigaba River mouth: Roberts, A.: TM: 1 [1 - 1] - unknown locality: Verroux, W.: SMF: 1 [1 - 1] - Uvongo: Hayward, Bruce J.: WNMU: 4 [4 - 4] - Uvongo Beach, in Eucalyptus plantation: Hayward, Bruce J.: FMNH: 1 [1 - 1] - Van Reenen: Kemp, S.: DNSM: 1 [1 - 1] - Venterskroon: Roberts, Austin: TM: 2 [2 - 2] - Vernon Crookes Nature Reserve: Burne, Clayton: DNSM: 1 [1]; Seamark, Ernest Charles James: DNSM: 2 [2]; Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): DNSM: 3 [3 - 6] - Vernon Crooks Nature Reserve: Sowler, G.: TM: 2 [2 - 2] - Verwoerdburg, suburban garden: Koekemoer, D.: TM: 1 [1 - 1] - Vrededorf Road: ? : Collector Unknown: BMNH: 2 [2 - 2] - Vrolijkheid Nature Reserve: ? : Collector Unknown: DNSM: 6 [6 - 6] - Vuma farm: ? : Collector Unknown: DNSM: 5 [5 - 5] - Wakkerstroom: Bronner, Gary Neil (dr.): TM: 1 [1]; Jones, E.M.: TM: 1 [1]; Mothlasedi, S.: TM: 1 [1 - 3] - Warmbaths: ? : Collector Unknown: TM: 1 [1 - 1] - Waterberg district, Gattis koppies: ? : Collector Unknown: BMNH: 1 [1 - 1] - Waterberg Game Farm, at small man-made ponds within camp: Rosevear, D.R. (dr.): TM: 1 [1]; SANTI: TM: 1 [1]; Seamark, Ernest Charles James: TM: 4 [4 - 6] - Waterberg, Farm Dirlenton 276, Brombeek 271/2: Ahlers, Mennie: TM: 2 [2 - 2] - Waterberg, Farm Klipfontein 54JS: ? : Collector Unknown: TM: 15 [15]; Bronner, Gary Neil (dr.) et al.: TM: 1 [1]; Bronner, Gary Neil (dr.), Weber and Gerrans: TM: 2 [2]; Weber, S. and Gerrans, R.: TM: 1 [1 - 19] - Waterberg, Lapalala Wilderness area: Jones, E.M. and Pallett, J.: TM: 1 [1 - 1] - Waterberg, Rooiberg: ? : Collector Unknown: ROM: 2 [2 - 2] - Waterberg, Vaalwater: Venter, J.: TM: 1 [1 - 1] - Waterberg, Waterberg Game Farm, Dassie Cave: Seamark, Ernest Charles James: TM: 1 [1 - 1] - Weenen Nature Reserve: ? : Collector Unknown: DNSM: 1 [1 - 1] - West Coast National Park, Geelbek: Joubert, P.: TM: 2 [2 - 2] - West Driefontein caves: Copley, R.B.: TM: 1 [1 - 1] - Westbrook, 81 Acacia: Dillion, C.: DNSM: 1 [1 - 1] - Westriding: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1] - Westriding, 14 Marion Road: Kearney, Teresa Catherine (Dr.): DNSM: 2 [2 - 2] - Westriding, 22 Ashley Road: ? : Collector Unknown: DNSM: 1 [1 - 1] - Westville: Richardson and Mari: DNSM: 1 [1 - 1] - Wilro Park: ? : Collector Unknown: TM: 1 [1 - 1] - Winterton: Taylor, Peter John (Dr.): DNSM: 3 [3 - 3] - Witrivier, 11 mi W: Rautenbach, Ignatius L. (Dr.) [=Naas]: USNM: 1 [1 - 1] - Witwatersrand, Langlaagte: ? : Collector Unknown: TM: 1 [1 - 1] - WNLA Dam: ? : Collector Unknown: TM: 5 [5]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 15 [15 - 20] - Wolvespruit Nature Reserve: West, Sean D. (TPA): TM: 1 [1 - 1] - Wonderboom: Roberts, Austin: TM: 2 [2 - 2] - Wonderkop Nature Reserve: West, Sean D.: TM: 1 [1]; West, Sean D. (TPA): TM: 1 [1]; Williams, J.: TM: 1 [1 - 3] - Wondermine: Schoeman, Corrie et al.: DNSM: 1 [1]; Seamark, Ernest Charles James: DNSM: 1 [1 - 2] - Wonderwerk Cave: ? : Collector Unknown: MMK: 4 [4 - 4] - Wynberg: Visser, John: TM: 1 [1 - 1] - Yellowwood Park: ? : Collector Unknown: DNSM: 1 [1]; Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 2] - Yellowwood Park, 18 Dove Crescent: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1] - Zebedula: Copley, R.B.: TM: 1 [1 - 1] - Zwartkop cave: Bronner, Gary Neil (dr.): TM: 1 [1 - 1 - 1893].
- Spain:** Foyos: ? : Collector Unknown: MNCN: 1 [1 - 1 - 1].
- Sudan:** ? : ? : Collector Unknown: BMNH: 1 [1 - 1] - 5th cataract of the Nile: ? : Collector Unknown: BMNH: 1 [1 - 1] - Bahr el Jebel: ex Museum Alexander Koenig: ZMB: 1 [1]; Schwarz: ZMB: 1 [1 - 2] - Bahr el Shagal: Koenig, Alexander: ZMB: 1 [1 - 1] - Bongo: ? : Collector Unknown: SMNS: 1 [1 - 1] - Buram: Kock, Dieter: SMF: 4 [4 - 4] - Djebel Zerif [=Zerif Jebel]: Schwarz: ZMB: 1 [1 - 1] - Dongola: Steudner: ZMB: 1 [1]; Wilcke: ZMB: 1 [1 - 2] - Erkovit: ? : Collector Unknown: BMNH: 2 [2 - 2] - Gallabat: Cheeseman, W. (Maj.): BMNH: 2 [2]; Von Marno, E.: NMW: 3 [3 - 5] - Gondokoro: Berger: ZMB: 1 [1]; Loring, J. Alden: USNM: 1 [1 - 2] - Jebel Aulia: Anderson, Mrs. and Witherby, H.F.: BMNH: 2 [2 - 2] - Jebel el Funj: ? : Collector Unknown: BMNH: 1 [1 - 1] - Jebel Marra, S foothills: ? : Collector Unknown: BMNH: 1 [1 - 1] - Jebel Moba: Butler, J. (Capt.): BMNH: 1 [1 - 1] - Juba: Nikolaus, G.: SMNS: 1 [1 - 1] - Kadugli: ? : Collector Unknown: SMF: 13 [13 - 13] - Kaka: Hawker, R. McDonald: BMNH: 1 [1 - 1] - Kerma: Chaix, L.: MHNG: 1 [1 - 1] - Khartoum: Lepsius: ZMB: 1 [1]; Pethneck, Col.: BMNH: 1 [1]; Voisin: MNHN: 1 [1]; Von Marno, E.: NMW: 15 [15 - 18] - Khartoum or Sennaar: Kotschy, Th.: NMW: 1 [1 - 1] - Khartoum, University Campus: Abdel Musin and Hamid: SMF: 1 [1 - 1] - Kordofan: ? : Collector Unknown: SMF: 1 [1]; Kotschy, Th.: BMNH: 1 [1]; Kotschy, Th. and Parrey: BMNH: 1 [1]; Rüppell, Edward (dr.): RMNH: 1, SMF: 1 [2 - 5] - Lado [=Lado, Jabal, Mount Lado]: Berger: ZMB: 3 [3 - 3] - Lokomanyang [=Lokomarinyang] Marsh: Harrison, David Lakin (Dr.): BMNH: 1 [1 - 1] - Mangala [=Mongalla]: Loat, W.L.S., Esq.: BMNH: 1 [1 - 1] - Mongalla: Archer, T.: HZM: 1 [1]; Loat, W.L.S., Esq.: BMNH: 3 [3 - 4] - Nimule: Betts, A.

- and Mumford, R.E.: ROM: 1 [1 - 1] - Nubia: ? : Collector Unknown: RMNH: 1 [1]; de Selys-Longschamps: KBIN: 1 [1]; Doria, Giacomo (Marchese): ZMB: 1 [1]; Rüppell, Edward (dr.): SMF: 1 [1]; Verreaux: ZMB: 1 [1 - 5] - Renk: Hawker, R. McDonald: BMNH: 1 [1 - 1] - Sennaar: ? : Collector Unknown: NMW: 1 [1]; Van Parreys: NMW: 1 [1 - 2] - Sennar: Botta, Paolo Emilio (dr.): RMNH: 1 [1 - 1] - Sennar [=Sennaar]: Anatom. Sammlung: ZMB: 3 [3]; Hedenborg: ZMB: 1 [1]; Heuglin, Theodor (Dr.): ZMB: 1 [1]; von Barnim, Hartmann: ZMB: 1 [1 - 6] - Seriba Ghatta: Schweinfurth: ZMB: 11 [11 - 11] - Shendi: Rüppell, Edward (dr.): SMF: 2 [2 - 2] - Sudan: Nikolaus, G.: SMNS: 1 [1 - 1] - Taufikia: Schwarz: ZMB: 1 [1 - 1] - Tonga: Wettstein, Otto von: NMW: 12 [12 - 12] - Torit: Hoogstraal, Harry H.: USNM: 6 [6 - 6] - Upper White Nile: Schneider: ZMB: 1 [1 - 1] - Wad Medani: Lewis, D.J. (Mr.): BMNH: 1 [1 - 1] - Wadi Halfa: Bona, F.: MHNG: 3 [3 - 3] - Wagga, mount: Phillips, Lord E.: BMNH: 4 [4 - 4] - Wau, 100 mi N: Owen, J.S.: FMNH: 1 [1 - 1] - Weißer Nil [=Bahr-el-Abyat]: Schweinfurth: ZMB: 3 [3 - 3] - West Nzara: ? : Collector Unknown: SMF: 2 [2 - 2] - Yambio: ? : Collector Unknown: ROM: 2 [2 - 2] - Yei: ? : Collector Unknown: SMF: 1 [1 - 1] - Zeraf, Jebel [=mountain]: ex Museum Alexander Koenig: ZMB: 1 [1 - 1 - 145].
- Swaziland:** ? : Collector Unknown: DNSM: 2 [2 - 2] - Bethlehem Mission: Monadjem, Ara (Dr.): TM: 2 [2 - 2] - Big Bend: Washington, (Expedition Barry W.): TM: 1 [1 - 1] - Byrhytes mine: Monadjem, Ara (Dr.): DNSM: 1 [1 - 1] - Dinedor: Monadjem, Ara (Dr.): TM: 1 [1 - 1] - Dwalile Primary School: Monadjem, Ara (Dr.): TM: 2 [2 - 2] - Ekuphakameni High School: Monadjem, Ara (Dr.): TM: 1 [1 - 1] - Forbes Gold Mine [=Forbes Reef Gold Mine]: Monadjem, Ara (Dr.): TM: 2 [2 - 2] - Hlane [2]: Monadjem, Ara (Dr.): TM: 2 [2 - 2] - Horo, in old mine drive: Roberts, Austin: TM: 2 [2 - 2] - Luyengo: Monadjem, Ara (Dr.): TM: 3 [3 - 3] - Malalotja Cottage: Monadjem, Ara (Dr.): TM: 1 [1 - 1] - Malalotja Game Reserve: ? : Collector Unknown: TM: 1 [1 - 1] - Maloma Primary School: ? : Collector Unknown: TM: 1 [1 - 1] - Mbabane: ? : Collector Unknown: TM: 1 [1 - 1] - Mkhaya: ? : Collector Unknown: TM: 1 [1 - 1] - Mlawula Nature Reserve: Monadjem, Ara (Dr.): TM: 2 [2 - 2] - Ngcoseni Primary: Monadjem, Ara (Dr.): TM: 9 [9 - 9] - Nsoko [=Forbes Ranch]: ? : Collector Unknown: TM: 3 [3 - 3] - Our Lady of Sorrows: ? : Collector Unknown: TM: 2 [2 - 2] - Rosecraft: Monadjem, Ara (Dr.): TM: 2 [2 - 2 - 42].
- Tanzania:** Amani: ? : Collector Unknown: TM: 2, ZMB: 3 [5]; Awernizew: ZMB: 1 [1]; Hubbard, C.H.: TM: 1 [1]; Scheffler: ZMB: 1 [1]; Vossler: ZMB: 8 [8 - 16] - Amani West Forest Reserve: Howell, K.M. and Stuart, S.N.: BMNH: 1 [1 - 1] - Ambangulu Estates: ? : Collector Unknown: ZMB: 3 [3]; Martienssen: ZMB: 8 [8 - 11] - Ambani caves: Taylor, R.H.: TM: 3 [3 - 3] - Bagamoyo: ? : Collector Unknown: ZMB: 2, ZMH: 1 [3]; Fischer: ZMB: 12 [12]; Langheld: ZMB: 4 [4]; Van Barneveld, H.W.P.: RMNH: 21 [21 - 40] - Bamba-Mlungi Forest Reserve: Bayliss, J. et al. (Frontier-Project): SMF: 1 [1 - 1] - Bet El Ras: Pakenham, R.H.W.: BMNH: 6 [6 - 6] - Bismarckburg [=Kasanga]: Fromm: ZMB: 1 [1 - 1] - Bugagi: Pakenham, R.H.W.: BMNH: 1 [1 - 1] - Bukoba: Carl, J.: MHNG: 6 [6]; Eggert: ZMB: 1 [1]; Emir Pascha: ZMB: 4 [4]; Mecklenburg, Adolf Fritz zu (Herzog): ZMB: 7 [7 - 18] - Bungi: Pakenham, R.H.W.: BMNH: 2 [2 - 2] - Chuaka: Swinny, H.H.: BMNH: 1 [1 - 1] - Dar es Salaam: ? : Collector Unknown: BMNH: 1 [1]; Loveridge, Arthur: BMNH: 3 [3]; Swaythling: BMNH: 1 [1 - 5] - Dar-es-Salaam: ? : Collector Unknown: ZMB: 5 [5]; Biedermann, Mr.: ZMB: 2 [2]; Hürstel: MZStrassbourg: 1 [1]; Stuhlmann, Franz (dr.): ZMB: 8 [8]; Werth: ZMB: 4 [4]; Willems: ZMB: 1 [1]; Worth: ZMB: 1 [1 - 22] - Engaruka: Swynnerton, G.H.: SMF: 1 [1 - 1] - Genda Genda South Forest Reserve: Cockle, A.: SMF: 1 [1 - 1] - Inwale: Ionides, C.J.P.: BMNH: 1 [1 - 1] - Iringa: Jörgens: ZMB: 3 [3 - 3] - Kambai Forest Reserve: Frontier-Project: SMF: 1 [1 - 1] - Karema: Fromm: ZMB: 1 [1 - 1] - Kebandio island: ? : Collector Unknown: ZMB: 1 [1 - 1] - Kidugallo: Anderson, Th.: SMF: 1 [1 - 1] - Kilombero Valley: Frontier: SMF: 1 [1 - 1] - Kilosa: Loveridge, Arthur: BMNH: 1 [1 - 1] - Kilossa, weitere Umgebuhg [=near Kilosa]: Fachlehrer, A. Horn: NMW: 1 [1 - 1] - Kinole: Schlüter, A.: ZMB: 1 [1 - 1] - Kisaki: Buchanan, Angus: BMNH: 1 [1 - 1] - Kisarawe: ? : Collector Unknown: ZFMK: 1 [1 - 1] - Kisikka: Carl, J.: MHNG: 8 [8 - 8] - Kitaya: Loveridge, Arthur: MCZ: 9 [9 - 9] - Kizimkazi: Pakenham, R.H.W.: BMNH: 2 [2 - 2] - Kokotoni [=Mkokotoni]: Voeltzkow: ZMB: 2 [2 - 2] - Kondoa: Zumpt, F. (dr.): ZMB: 2 [2 - 2] - Korogwe: Bohndorff: ZMB: 1 [1 - 1] - Kwangumi Forest Reserve: Frontier: SMF: 1 [1]; Funnell, E. (Frontier-Project): SMF: 1 [1 - 2] - Kwamkoro [Forest Reserve]: Vossler: ZMB: 1 [1 - 1] - Lake Manyara National Park: ? : Collector Unknown: SMF: 1 [1]; Howell, K.M.: SMF: 1 [1]; Howell, K.M. and Msunga, C.A.: SMF: 1 [1]; Howell, T.M.: SMF: 1 [1 - 4] - Lake Rukwa: Glauning: ZMB: 5 [5 - 5] - Langenburg [=?ikombe]: Fülleborn: ZMB: 4 [4 - 4] - Li Junge, mountain: Schuster: ZMB: 1 [1 - 1] - Li Tunge: Schuster: ZMB: 1 [1 - 1] - Likawage: Ionides, C.J.P.: BMNH: 1 [1 - 1] - Lindi: Fülleborn: ZMB: 7 [7]; Lademann: ZMB: 1 [1 - 8] - Litipo Forest Reserve: Frontier: SMF: 1 [1 - 1] - Liwale: ? : Collector Unknown: BMNH: 3 [3]; Louwms, C.J.P.: CAWM: 1 [1 - 4] - Lugerungjere river: ? : Collector Unknown: ZMB: 1 [1 - 1] - Magrotto mountains: Martienssen: ZMB: 6 [6 - 6] - Makullo [=Makulo]: Steudner: ZMB: 1 [1 - 1] - Malindi: Fischer: ZMB: 4 [4 - 4] - Manyara, Lake: Cooper, B.: BMNH: 3 [3 - 3] - Marahubi Mlangoni: Pakenham, R.H.W.: BMNH: 1 [1 - 1] - Marienhof: Ranniger: MHNG: 1 [1 - 1] - Marungu: Böhm: ZMB: 5 [5 - 5] - Masimani: Schillings: ZMB: 1 [1 - 1] - Matumbi-Berge [=Matumbi Highlands]: ? : Collector Unknown: ZMB: 3 [3 - 3] - Mazumba Estate: Baagøe, Hans J.: ZMUC: 11 [11 - 11] - Mazumbai Forest Reserve: ? : Collector Unknown: SMF: 1 [1 - 1] - Mbeni: Pakenham, R.H.W.: BMNH: 2 [2 - 2] - Mfulu: von Erlanger: ZMB: 1 [1 - 1] - Mikindani: Grote: ZMB: 10 [10]; Schillings: ZMB: 1 [1 - 1] - Mikumi National Park H.Q.: Leirs, Herwig: UIA: 1 [1]; Norton, G. and Roertgen, B.: BMNH: 1 [1 - 2] - Mnara: Leirs, Herwig: UIA: 1 [1 - 1] - Mohorro [=Mohoro plantation]: Langheld: ZMB: 1 [1 - 1] - Mojoni [=Muyuni]: Neumann: ZMB: 11 [11 - 11] - Morogoro: Loveridge, Arthur: BMNH: 6, USNM: 1 [7]; Schönheit: ZMB: 1 [1]; Stuhlmann, Franz (dr.): ZMB: 1 [1]; Swaythling: BMNH: 1 [1 - 10] - Moshi: Baxter: BMNH: 1 [1]; Colley: SMF: 2 [2]; Neumann: ZMB: 1 [1]; Neumann, O.: ZMB: 1 [1 - 5] - Mpapua [=Mpwapwa]: Lademann: ZMB: 1 [1 - 1] - Mtandika: Jörgens: ZMB: 6 [6 - 6] - Mtira: Fülleborn: ZMB: 1 [1 - 1] - Mto-Wa-Mbo: Corbet, Gordon B. and Ingles, Jane M.: BMNH: 1 [1]; Matthews, L. Harrison: BMNH: 1 [1 - 2] - Muansa [=Mwanza]: Neumann: ZMB: 1 [1 - 1] - Musosa: Bredo, H.J.: KBIN: 5 [5 - 5] - Mwanihana Forest: Howell, K.M.: SMF: 1 [1]; Msuya, C.A.: SMF: 1 [1 - 2] - Mwaya: Ionides, C.J.P.: BMNH: 1 [1 - 1] - Mwazyie: Fromm: ZMB: 1 [1 - 1] - Mwitit Mkuu: Pakenham, R.H.W.: BMNH: 1 [1 - 1] - Mwsamwilager: Fromm: ZMB: 1 [1 - 1] - Namanjere [=Namanyere]: Fromm: ZMB: 1 [1 - 1] - Nangoma cave?: Methner: ZMB: 2 [2 - 2] - Ndala River: ? : Collector Unknown: HZM: 3 [3 - 3] - Ngoroine [=Ngoruimi]: Neumann: ZMB: 2 [2 - 2] - Ngorongoro: ? : Collector Unknown: TM: 1 [1]; Broom: TM: 1 [1 - 2] - no specific locality: Fülleborn: ZMB: 1 [1]; Stegmann-Stein: ZMB: 3 [3]; Stierling: ZMB: 1 [1 - 5] - Nyamirembe: Swynnerton, G.H.: AMNH: 1 [1 - 1] - Pangani Falls: ? : Collector Unknown: ZMB: 1 [1 - 1] - Pangani river: Gerrard: ZMB: 1 [1]; Regner: ZMB: 1 [1]; Schillings: ZMB: 1 [1 - 3] - Pemba island: Dt. Theater Berlin: ZMB: 1 [1]; Voeltzkow: ZMB: 6 [6 - 7] - Pugu forest: Howell, K.M. and Msuya, C.A.: ZMUC: 10 [10 - 10] - Rondo Flat [forest]: Leirs, Herwig: UIA: 3 [3 - 3] - Ruanda farm: Kingdon, Jonathan: HZM: 4 [4 - 4] - Ruangwa: Leirs, Herwig: UIA: 1 [1 - 1] - Rukwa: Bredo, H.J.: KBIN: 2 [2 - 2] - Rungwa mountains: Leirs, Herwig: UIA: 13 [13 - 13] - Rutenganio [Mission]: Fülleborn: ZMB: 1 [1 - 1] - Shakani: Pakenham, R.H.W.: BMNH: 2 [2 - 2] - Singida: Fliegner: ZMB: 2 [2 - 2] - South Province: Louides, G.J.P.: CAWM: 2 [2 - 2] - Southern province: Ionides, C.J.P.: BMNH: 2 [2 - 2] - Suma: Leirs, Herwig: UIA: 2 [2 - 2] - Tabora: Diesener: ZMB: 6 [6]; Swaythling: BMNH: 1 [1 - 7] - Takaungu: Percival, A.B.: BMNH: 1 [1 - 1] - Tanga: Bampton, I.: USNM: 3 [3]; Martienssen: ZMB: 15 [15]; Neumann: ZMB: 5 [5]; Sjöstedt, Y.: ZMB: 1 [1 - 24] - Tanga district 2: ? : Collector

- Unknown: SMF: 1 [1 - 1] - Tanga, hole/cave near: Neumann: ZMB: 5 [5 - 5] - Tanganyika, lake: Grauer, Rudolf: ZMB: 2 [2]; Stegmann-Stein: ZMB: 6 [6 - 8] - Tanzania: ? : Collector Unknown: SMF: 1 [1]; Leirs, Herwig: UIA: 1 [1]; Percival, A.B.: BMNH: 1 [1 - 3] - Tendaguro: British Museum East Africa Expedition, the: BMNH: 2 [2 - 2] - Tendaguru [=Tendaguro]: Janesch: ZMB: 1 [1]; Reck: ZMB: 1 [1 - 2] - Tendoguru: Reck: ZMB: 2 [2 - 2] - Tong'omba Forest Reserve: Stubblefield, L. (Frontier-Project): SMF: 1 [1 - 1] - Tumbatu Island: Dt. Theater Berlin: ZMB: 1 [1]; Hoffmann: ZMB: 1 [1 - 2] - Ugano Plantation: ? : Collector Unknown: NMW: 1 [1 - 1] - Ujiji: Hösemann: ZMB: 5 [5 - 5] - Ukami Mts: ? : Collector Unknown: ZMB: 1 [1 - 1] - Ukara island: Smith, Andrew (Sir): BMNH: 1 [1 - 1] - Unyang'anyi: Loveridge, Arthur: MCZ: 4 [4 - 4] - Urambo: Lamont, R.A.: BMNH: 5 [5 - 5] - Usambara [mountains]: Grauer, Rudolf: ZMB: 3 [3 - 3] - Usandawe [=Sandawe]: Neumann: ZMB: 2 [2 - 2] - Ussagara [=Usagara]: Houy and Meyer: ZMB: 2 [2 - 2] - Utengule: Jörgens: ZMB: 2 [2 - 2] - Utete: Lademann: ZMB: 2 [2 - 2] - Uto farm: ? : Collector Unknown: ZMZ: 1 [1 - 1] - Victoria, lake: Lavrenchenko, Leonid A.: ZMMU: 1 [1 - 1] - Vikindo [forest]: Stuhlmann, Franz (dr.): ZMB: 9 [9 - 9] - Wembere river: ? : Collector Unknown: ZMB: 2 [2 - 2] - Zanzibar: ? : Collector Unknown: BMNH: 2, ZMB: 4 [6]; Alexandre, Frère: MNHN: 2 [2]; Anatom. Sammlung: ZMB: 1 [1]; ex Museum Hamburg: ZMB: 1 [1]; Fischer: ZMB: 1 [1]; Gerrard: ZMB: 1 [1]; Grandidier, G.: MNHN: 1 [1]; Hildebrandt, J.M.: ZMB: 1 [1]; Neumann: ZMB: 3 [3]; Robb, Dr. A.: BMNH: 4 [4]; Salmin: ZMB: 1 [1]; Stuhlmann, Franz (dr.): ZMB: 2 [2]; van den Decken: ZMB: 7 [7]; Werther: ZMB: 1 [1]; Wessel: ZMB: 1 [1 - 33 - 507].
- Tanzania [=former Tanganyika]:** Mikindani: Anderson, Th.: SMF: 28 [28 - 28 - 28].
- The Gambia:** Banjul: ? : Collector Unknown: BMNH: 1 [1 - 1] - Bathurst [=Banjul]: Davis, R.M.: USNM: 2 [2]; Rendall, Percy (dr.): BMNH: 3 [3 - 5] - Gambia: (Earl of Derby): BMNH: 1 [1]; Rendall, Percy (dr.): BMNH: 1 [1]; Schmidt, A.: BMNH: 1 [1]; Tomes Collection: BMNH: 2 [2 - 5] - Gambia river, lower: Buxton, A.P. and the Oxford University Expedition: BMNH: 1 [1 - 1] - Kontaur: Buxton, A.P. and the Oxford University Expedition: BMNH: 1 [1 - 1] - Kudang: Davis, R.M.: USNM: 3 [3 - 3] - Kuntaur, 5 mi N: Buxton, A.P. and the Oxford University Expedition: BMNH: 2 [2 - 2] - Makka: Buxton, A.P. and the Oxford University Expedition: BMNH: 1 [1 - 1] - no specific locality: ? : Collector Unknown: BMNH: 1 [1 - 1] - Toniataba: Davis, R.M.: USNM: 1 [1 - 1 - 21].
- Togo:** Aného: Keilhack: ZMB: 1 [1 - 1] - Anonoe: ? : Collector Unknown: RMCA: 2 [2 - 2] - Atakpamé: ? : Collector Unknown: RMCA: 1 [1]; De Vree, Frits and De Roo, Antoon: RMCA: 7 [7]; Schmidt: ZMB: 1 [1 - 9] - Bismarckburg [=Bismarckbourg]: Büttner: ZMB: 6 [6]; Conradt: ZMB: 2 [2 - 8] - Borgou: ? : Collector Unknown: RMCA: 1 [1 - 1] - Ezimé: ? : Collector Unknown: RMCA: 1 [1 - 1] - Gbetope: LeDuc, J.W.: USNM: 2 [2]; Robbins, C. Brian: USNM: 1 [1 - 3] - Haubinda: Keilhack: ZMB: 1 [1 - 1] - Kadjamba: Mecklenburg, Adolf Fritz zu (Herzog): ZMB: 4 [4 - 4] - Klein-Popo [=Aného]: Linnaea: ZMB: 2 [2 - 2] - Lomé: Keilhack: ZMB: 2 [2 - 2] - Mango [=Sansanné-Mango]: Thierry: ZMB: 2 [2 - 2] - Misahöhe [=Missahohé]: Baumann: ZMB: 8 [8]; Smend: ZMB: 1 [1 - 9] - Nanergou: ? : Collector Unknown: RMCA: 37 [37]; De Vree, Frits and De Roo, Antoon: RMCA: 7 [7 - 44] - no specific locality: ? : Collector Unknown: ZMB: 2 [2]; Conradt: ZMB: 2 [2]; Richers: ZMB: 1 [1]; Zech, Graf: ZMB: 12 [12 - 17] - Pagala: LeDuc, J.W.: USNM: 1 [1]; Robbins, C. Brian: USNM: 1 [1 - 2] - Paio: ? : Collector Unknown: RMCA: 1 [1 - 1] - Togo: ? : Collector Unknown: RMCA: 6 [6 - 6 - 115].
- Tunisia:** Douirat: ? : Collector Unknown: BMNH: 5 [5 - 5] - El Hamma de Gabès: Lataste collection: MNHN: 2 [2 - 2] - El Hammah: Spatz: ZMB: 1 [1 - 1] - Gabès: Sicard, Dr.: MHNG: 1 [1]; Spatz: ZMB: 2 [2 - 3] - Gabès, 100 km S: Gaucher, Ph. and Brosset, André: MHNG: 1 [1 - 1] - Glong, Jebel: ? : Collector Unknown: ZMB: 1 [1 - 1] - Kaphza [=Gafsa]: Bodemeyer: ZMB: 2 [2 - 2] - Kaphza [=Gafsa], cave near: Bodemeyer: ZMB: 2 [2 - 2] - Matmata, near: Nobis, G.: ZFMK: 1 [1 - 1] - Metlaoui and Redeyef, between: Babault, Guy: MNHN: 1 [1 - 1] - Mu'tamadiyat: Lühe, Dr.: ZMB: 1 [1 - 1] - Redeyef: Babault, Guy: MNHN: 1 [1 - 1] - Sidi Bou Zid valley: Brosset, André: MNHN: 1 [1 - 1] - Tebourba: Lühe, Dr.: ZMB: 61 [61 - 61] - Tebourba, cave near: Lühe, Dr.: ZMB: 15 [15 - 15] - Therma: Blanc: NRM: 2 [2 - 2] - Tunis: ? : Collector Unknown: ZMB: 1 [1]; Doria, Giacomo (Marchese): ZMB: 1 [1]; Lühe, Dr.: ZMB: 19 [19]; Miceli, F.: SMF: 2 [2]; von Erlanger: ZMB: 1 [1 - 24] - Tunisia: Mathis, M.: MNHN: 1 [1 - 1 - 125].
- Uganda:** Amiel: Jones, Theo Simpson: BMNH: 3 [3 - 3] - Amudat: Hayward, Bruce J.: USNM: 3 [3 - 3] - Budongo Forest: Williams, S.H.: ROM: 1 [1 - 1] - Bugala island: Bayon, E. (dr.): SMF: 1 [1 - 1] - Bugoma Forest: Archer, A.L.: LACM: 3 [3 - 3] - Bukalasa: Jones, Theo Simpson: BMNH: 5 [5 - 5] - Bunyoro: ? : Collector Unknown: LACM: 1, ROM: 2 [3 - 3] - Burisifiwe Gombolola: Jones, Theo Simpson: BMNH: 1 [1 - 1] - Butiaba: Berger: ZMB: 2 [2 - 2] - Entebbe: ? : Collector Unknown: BMNH: 1, RMCA: 1 [2]; Bayon, E. (dr.): AMNH: 1 [1]; Berti, Carolina: RMCA: 2 [2]; Berti, Carolina [ex Museum Turin]: ZMB: 2 [2]; Carl, J.: MHNG: 1 [1]; Degen, E.: BMNH: 1 [1]; Grauer, Rudolf and Rolle, Hermann: ZMB: 2 [2]; Jackson, F.J., Esq.: BMNH: 1 [1]; Rolle, Hermann: ZMB: 1 [1]; Schlüter, A.: ZMB: 4 [4 - 17] - Entebbe, 60 mi [=90 km] W: Dent, R.E.: BMNH: 1 [1 - 1] - Gonda: Böhm: ZMB: 6 [6 - 6] - Impenetrable Forest: ? : Collector Unknown: LACM: 1 [1 - 1] - Kama tin mine: Jones, Theo Simpson: BMNH: 1 [1 - 1] - Kampala: ? : Collector Unknown: BMNH: 1, USNM: 3 [4]; Loring, J. Alden: USNM: 2 [2]; Mearns, Edgar Alexander (Dr.): USNM: 1 [1 - 7] - Masindi: Brooks, A.C.: BMNH: 1 [1 - 1] - Mbale: Jones, Theo Simpson and Shepherd, C.: BMNH: 3 [3 - 3] - Moroto: Cosins: BMNH: 1 [1 - 1] - Moyo: Jones, Theo Simpson: BMNH: 1 [1 - 1] - Mubuku Valley: ? : Collector Unknown: BMNH: 1 [1 - 1] - Nabumali: Loder or Lorder: BMNH: 1 [1 - 1] - Nimule, near: Witter, Dean: CAS: 1 [1 - 1] - no specific locality: ? : Collector Unknown: ZMB: 1 [1 - 1] - Ntandi: ? : Collector Unknown: LACM: 1 [1]; Glen, R.: LACM: 1 [1]; Williams, R. and Glen, R.: LACM: 1 [1 - 3] - Pajule: Jones, Theo Simpson: BMNH: 1 [1 - 1] - Point Alice: Johnston, Harry H. (Sir): BMNH: 1 [1 - 1] - Serere: Jones, Theo Simpson: BMNH: 1 [1 - 1] - Toro: ? : Collector Unknown: MIZT: 1 [1 - 1] - Uganda: ? : Collector Unknown: SMF: 1 [1 - 1] - Victoria Nyanza [=Lake Victoria]: ? : Collector Unknown: SMF: 1 [1]; Bayon, E. (dr.): AMNH: 1 [1 - 2] - Yumbe: ? : Collector Unknown: ZMB: 1 [1]; Jones, Theo Simpson: BMNH: 1 [1]; Schillings: ZMB: 1 [1 - 3 - 78].
- Unknown Country:** ? : Collector Unknown: BMNH: 15, DNSM: 3, FMNH: 1, HZM: 26, KM: 1, MHNC: 1, MMK: 54, MNHN: 1, NHMZ: 42, NMB: 4, RMCA: 25, SAMC: 22, SMF: 35, SMG: 24, SNP: 1, TM: 201, UADBA: 1, UCT: 1 [458]; Clarke, J.: SAMC: 1 [1]; Galton, F. (Esq.): BMNH: 1 [1]; Mpumalanga Parks Board: TM: 4 [4]; Neumann: ZMB: 4 [4]; Shortridge, Guy C. (Capt.): BMNH: 2 [2 - 470] - Angasilha [=?Angaziga]: van den Decken: ZMB: 2 [2 - 2] - Daba: von Erlanger: ZMB: 2 [2 - 2] - Daroli: von Erlanger: ZMB: 1 [1 - 1] - Dume: Freyer: ZMB: 1 [1]; Schipper: ZMB: 1 [1 - 2] - Engeremgere: Emir Pascha: ZMB: 2 [2 - 2] - Galpa river: Neumann: ZMB: 1 [1 - 1] - Isavo swamp: Praed: BMNH: 1 [1 - 1] - Jub: von Erlanger: ZMB: 1 [1 - 1] - Karagwa: Grauer, Rudolf: ZMB: 6 [6 - 6] - Kasaka: Stuhlmann, Franz (dr.): ZMB: 2 [2 - 2] - Kha Principe: Dohrn: ZMB: 1 [1 - 1] - Kimpoko: Büttner: ZMB: 1 [1 - 1] - Kirimba: Stuhlmann, Franz (dr.): ZMB: 1 [1 - 1] - Kotur: Hildebrandt, J.M.: ZMB: 2 [2 - 2] - Kubondo: ? : Collector Unknown: ZMB: 1 [1 - 1] - Kubub: Schultze: ZMB: 1 [1 - 1] - Kwa Kitoto and Mengo: Neumann: ZMB: 1 [1 - 1] - Maldachi: Fischer: ZMB: 1 [1 - 1] - Musa: Plate: ZMB: 1 [1 - 1] - Napa-ire: Mischlich: ZMB: 1 [1 - 1] - Nieri river: Roberts, Austin: BMNH: 1 [1 - 1] - Red Sea: Rüppell, Edward (dr.): RMNH: 2 [2 - 2] - Ternata: Forster: ZMB: 1 [1 - 1] - Tschaka: Fischer: ZMB: 1 [1 - 1] - Ukondjo: Emir Pascha: ZMB: 1 [1]; Emir Pascha or Büttner: ZMB: 1 [1 - 2] - Ukuguru: Götze: ZMB: 1 [1 - 1] - Webi: von Erlanger:

- ZMB: 1 [1 - 1 - 510].
- Unknown country:** Chifumbaze: Tiessler: ZMB: 3 [3 - 3 - 3].
- Yemen:** no specific locality: Botta, Paolo Emilio (dr.): MNHN: 1 [1 - 1 - 1].
- Zambia:** Balovale: ? : Collector Unknown: KM: 18 [18]; Carter, T. Donald; Shortridge, Capt. Guy C. and the Vernay Kaffrarian Museum Expedition: KM: 1 [1 - 19] - Bulaya: Makawa, J.: BMNH: 1 [1 - 1] - Chilanga: ? : Collector Unknown: NHMZ: 1 [1]; Benson, C.W.: NHMZ: 2 [2]; Lancaster, D.G.: KM: 2 [2 - 5] - Chilanga Caves: ? : Collector Unknown: NHMZ: 8 [8]; Brain, C.K.: TM: 2 [2 - 10] - Chipata: Lancaster, D.G.: KM: 4 [4 - 4] - Chipengali area: ? : Collector Unknown: NHMZ: 5 [5]; Wilson, V.J.: NHMZ: 1 [1 - 6] - Chipongwe Cave: ? : Collector Unknown: NHMZ: 2 [2]; Ansell, W.F.H.: NMZL: 1 [1 - 3] - Chishela dambo: Dalhousie (Lady): NHMZ: 1 [1 - 1] - Chitau: ? : Collector Unknown: AMNH: 1 [1 - 1] - Choma district: Benson, C.W.: NHMZ: 2 [2 - 2] - Fort Jameson: ? : Collector Unknown: KM: 1, NHMZ: 13 [14]; Ansell, W.F.H.: NHMZ: 1 [1 - 15] - Fort Jameson district: ? : Collector Unknown: NHMZ: 1 [1]; Lancaster, D.G.: KM: 2 [2 - 3] - Jumbo: ? : Collector Unknown: NHMZ: 1 [1]; Dowsett, R.J.: NHMZ: 5 [5 - 6] - Kabompo [=Kabompo boma]: ? : Collector Unknown: NHMZ: 9 [9 - 9] - Kabompo, near: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Kafue Gorge: ? : Collector Unknown: NHMZ: 5 [5]; Ansell, W.F.H.: RMCA: 1 [1 - 6] - Kafue Gorge, near: Ansell, W.F.H.: BMNH: 2 [2 - 2] - Kafue River: Tree, A.J.: FMNH: 1, NHMZ: 4 [5 - 5] - Kalabo: Japp, M.: NHMZ: 1 [1 - 1] - Kalichero: ? : Collector Unknown: NHMZ: 4 [4]; Edwards, P.W.: NHMZ: 2 [2 - 6] - Kalomo: ? : Collector Unknown: TM: 1 [1 - 1] - Kariba, lake, north shore: Owen, T.R.H.: NHMZ: 5 [5 - 5] - Kasama: Tait, H. (Mrs.): NHMZ: 1 [1 - 1] - Kaungashi stream, source of: Uys, J.M.C.: BMNH: 1 [1 - 1] - Livingston [1752S 2551E] and Lochinvar [1551S 2714E], between: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Lochinvar Kafue Flats: ? : Collector Unknown: NHMZ: 2 [2 - 2] - Lochinvar ranch: Dowsett, R.J.: NHMZ: 2 [2]; Tree, A.J.: NHMZ: 2 [2 - 4] - Luambe Game Camp: ? : Collector Unknown: NHMZ: 5 [5 - 5] - Luangwa River: ? : Collector Unknown: LACM: 1, NHMZ: 1 [2 - 2] - Luangwa Valley: Keymer, I.F.: NHMZ: 1 [1]; Wilson, V.J.: NHMZ: 1 [1 - 2] - Luanshya, 6 mi S: ? : Collector Unknown: HZM: 3, NZM: 1 [4 - 4] - Lueti River, S: Traylor, M.A.: FMNH: 1 [1 - 1] - Lunzi river: Lancaster, D.G.: BMNH: 1 [1 - 1] - Makeni Farm: Benson, C.W.: NHMZ: 1 [1 - 1] - Mandala Camp: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Masali Mine: Wilson, V.J.: BMNH: 5 [5 - 5] - Matabele plain: Benson, C.W.: BMNH: 1 [1 - 1] - Mazabuka: Ansell, W.F.H.: BMNH: 1 [1 - 1] - Mbala: Lancaster, D.G.: KM: 1 [1 - 1] - Mfuwe Game Camp: ? : Collector Unknown: BMNH: 5, NHMZ: 7 [12 - 12] - Mindolo dam: Tree, A.J.: NHMZ: 2 [2 - 2] - Missale Customs Post: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Missale Old Mine: ? : Collector Unknown: BMNH: 4, NHMZ: 33 [37]; Ansell, W.F.H.: BMNH: 2 [2 - 39] - Mkwisi: Tree, A.J.: NHMZ: 3 [3 - 3] - Monze: Powell, G.C.S.: BMNH: 4, KM: 5 [9 - 9] - Mount Makulu Research Station: Benson, C.W.: NHMZ: 1 [1 - 1] - Mporokoso: ? : Collector Unknown: KM: 2 [2]; Lancaster, D.G.: KM: 1 [1 - 3] - Muyombe: Ansell, W.D.H.: HZM: 1 [1 - 1] - Muzubuku: le Roux, P.L.: TM: 1 [1 - 1] - Mwanja: Ansell, W.F.H.: BMNH: 1 [1 - 1] - Mwekera: Tree, A.J.: NHMZ: 2 [2 - 2] - Mweru Wantipa: Vesey-FitzGerald, L.D.E.F. (Col.): HZM: 1 [1 - 1] - Mwinilunga: ? : Collector Unknown: AMNH: 1 [1 - 1] - Mwinilunga district: White, C.M.N.: AMNH: 2 [2 - 2] - Ndola: ? : Collector Unknown: BMNH: 2, HZM: 1 [3]; Withenshaw, G.: NHMZ: 1 [1 - 4] - Ngwerere cave: ? : Collector Unknown: ROM: 1 [1]; Ansell, W.F.H.: SMF: 3 [3 - 4] - Nsefu Game Camp: ? : Collector Unknown: NHMZ: 2 [2 - 2] - Nyika Plateau: Keith, G.S.: BMNH: 1 [1 - 1] - Petauke: Ansell, W.F.H. and Wilson, V.J.: BMNH: 1 [1]; Lancaster, D.G.: KM: 1 [1 - 2] - Pwira Pan: ? : Collector Unknown: NHMZ: 1 [1]; Tree, A.J.: BMNH: 1, NHMZ: 4 [5 - 6] - Reitfontein: ? : Collector Unknown: NMZL: 1 [1 - 1] - Salujinga: ? : Collector Unknown: BMNH: 2 [2]; Benson, C.W.: NHMZ: 4 [4]; Makawa, J.: NHMZ: 3 [3 - 9] - Sasare Old Mine: ? : Collector Unknown: NHMZ: 17 [17 - 17] - Senanza: Carp Expedition: TM: 1 [1 - 1] - Shupanga: Kirk, Dr.: BMNH: 4 [4 - 4] - Sihole: Traylor, M.A.: FMNH: 3 [3 - 3] - Sikongo: Traylor, M.A.: FMNH: 2 [2 - 2] - Siilo: Benson, C.W.: BMNH: 1 [1 - 1] - Solwezi: ? : Collector Unknown: HZM: 4, NHMZ: 4 [8 - 8] - Solwezi Boma: Ansell, W.F.H.: BMNH: 2 [2 - 2] - Sunza [=Sunzu] Mountain: ? : Collector Unknown: KM: 1 [1 - 1] - Wusikili Bridge: Tree, A.J.: NHMZ: 1 [1 - 1] - XXX: Tree, A.J.: NHMZ: 1 [1 - 1] - Zambezi [= Balovale]: ? : Collector Unknown: AMNH: 9 [9 - 9] - Zambia: Black, H.: HZM: 1 [1 - 1 - 305].
- Zimbabwe:** Harare [=Salisbury]: ? : Collector Unknown: TM: 1 [1 - 1] - Harare [=Salisbury], Thornpark: ? : Collector Unknown: NHMZ: 6 [6 - 6 - 7].
- Zimbabwe:** ? : Collector Unknown: HZM: 1, MMK: 1, NHMZ: 2, TM: 1 [5 - 5] - Ada Estates: ? : Collector Unknown: NHMZ: 4 [4 - 4] - Baruri Gorge: ? : Collector Unknown: NHMZ: 2 [2 - 2] - Bashungwe Cave: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Batoka Gorge: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Bezwe river: ? : Collector Unknown: TM: 1 [1 - 1] - Birchenough Bridge, 11.2 km W: White, A.G.: TM: 1 [1 - 1] - Bulawayo: ? : Collector Unknown: NHMZ: 10 [10]; Chubb, E.C.: USNM: 1 [1 - 11] - Bulawayo, 20 km N: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Bumbusie Gorge: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Chete Safari Area, Eastern Section: ? : Collector Unknown: NHMZ: 2 [2 - 2] - Chikupo Caves: ? : Collector Unknown: TM: 2 [2]; Masterson, H.B. (Mr.): TM: 1 [1]; Transvaal Museum Expedition: TM: 1 [1 - 4] - Chikupo caves area: Peterson, Randolph L.: ROM: 1 [1 - 1] - Chikupo Caves: ? : Collector Unknown: NHMZ: 30, ROM: 6 [36 - 36] - Chikwarakwara: ? : Collector Unknown: NHMZ: 13 [13 - 13] - Chikwarakwara Irrigation Scheme: ? : Collector Unknown: NHMZ: 3 [3 - 3] - Chimanda CL: ? : Collector Unknown: NHMZ: 2 [2 - 2] - Chingamwe Estates, ZTA Cottage: ? : Collector Unknown: DNSM: 1 [1 - 1] - Chinoyi Caves: ? : Collector Unknown: HZM: 1, NHMZ: 2 [3 - 3] - Chipinda Pools: ? : Collector Unknown: NHMZ: 2 [2 - 2] - Chiredzi: ? : Collector Unknown: NHMZ: 2 [2 - 2] - Chiredzi, 24 km E: ? : Collector Unknown: NHMZ: 2 [2 - 2] - Chirinda forest: ? : Collector Unknown: TM: 2 [2]; TM Expedition: TM: 1 [1 - 3] - Chirisa Cave: ? : Collector Unknown: NHMZ: 4 [4 - 4] - Chitove Tsetse Camp: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Chivi Communal Land: ? : Collector Unknown: NHMZ: 3 [3 - 3] - Cotswold farm: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Dawn Hill Mine: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Deka, Zambezi confluence: ? : Collector Unknown: HZM: 1 [1 - 1] - Dete: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Dinosaur Trackway: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Dobbieburn: Crowcroft, W.P.: BMNH: 1 [1 - 1] - Dumbu Pan: ? : Collector Unknown: NHMZ: 3 [3 - 3] - Eirene farm: ? : Collector Unknown: NHMZ: 5 [5 - 5] - Falcon College: ? : Collector Unknown: NHMZ: 2 [2 - 2] - Falcon College, Bushtick Mine: ? : Collector Unknown: NHMZ: 96 [96 - 96] - Fort Rixon: ? : Collector Unknown: NHMZ: 6 [6 - 6] - Francis Town, 20 km N: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Frog Mine: ? : Collector Unknown: NHMZ: 8 [8 - 8] - Gatshe Gatshe Bay: ? : Collector Unknown: NHMZ: 6 [6 - 6] - Gordon Park: ? : Collector Unknown: NHMZ: 3 [3 - 3] - Great Zimbabwe: ? : Collector Unknown: NHMZ: 38 [38 - 38] - Great Zimbabwe, Garden Cave: ? : Collector Unknown: ROM: 5 [5 - 5] - Guluene Corridor South: ? : Collector Unknown: NHMZ: 23 [23 - 23] - Gwanda: Carruthers, R.: BMNH: 2 [2 - 2] - Gwayi River, 1 km N: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Gwingingwi farm: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Happy Valley Farm: ? : Collector Unknown: ROM: 27 [27 - 27] - Harare: ? : Collector Unknown: HZM: 1, NHMZ: 22 [23 - 23] - Harare Centre: ? : Collector Unknown: NHMZ: 2 [2 - 2] - Harare, 19 km NW: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Harare, Borrowdale Brook: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Harare, Christon Bank: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Harare, Civic Centre: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Harare, Cranborne: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Hatfield: Scott-Martin, P.: USNM: 1 [1 - 1] - Hostes Nicoll Research Institute: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Hoya River Camp: ? : Collector Unknown: NHMZ: 2 [2 - 2] - Hwange National

Park, Main Camp: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Ingwe Mine: ? : Collector Unknown: NHMZ: 5 [5 - 5] - Kabuba Camp: ? : Collector Unknown: NHMZ: 2 [2 - 2] - Kanyemba: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Kariba: ? : Collector Unknown: NHMZ: 3 [3 - 3] - Kariba, island in: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Kariba, lake: ? : Collector Unknown: NHMZ: 2 [2 - 2] - Karna Block Ranch: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Katombora Rapids: ? : Collector Unknown: NHMZ: 30 [30 - 30] - Kaukua Cave: ? : Collector Unknown: NHMZ: 2 [2 - 2] - Lion and Cheetah Park: ? : Collector Unknown: TM: 2 [2 - 2] - Lunare valley: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Lunzi River: ? : Collector Unknown: BMNH: 1 [1 - 1] - Lusulu Tsetse Station: ? : Collector Unknown: NHMZ: 4 [4 - 4] - Lutope-Ngolongola River confluence: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Mabalanta Camp: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Mabalauta Camp: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Mabura 1 Cave: ? : Collector Unknown: NHMZ: 82 [82 - 82] - Mabura 2 Cave: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Magurazino River: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Malapati Nuanetsi River: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Malilangwe Conservancy [=Lone Star Ranch]: ? : Collector Unknown: NHMZ: 3 [3 - 3] - Malve: Pitman, C.R.S. (Capt.): BMNH: 1 [1 - 1] - Mana Pools National Park: ? : Collector Unknown: TM: 8 [8 - 8] - Mana Pools National Park, HQ: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Manyima River: ? : Collector Unknown: NHMZ: 15 [15 - 15] - Manzituba: ? : Collector Unknown: NHMZ: 3 [3 - 3] - Marondera: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Marondera, Eirene farm: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Marymount mission: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Matema Camp: ? : Collector Unknown: NHMZ: 3 [3 - 3] - Matusadona: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Mazoe: ? : Collector Unknown: NHMZ: 1 [1]; Darling, J. ff., Esq.: BMNH: 3 [3 - 4] - Mchesu River: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Mcllwaine, lake: ? : Collector Unknown: NHMZ: 3 [3 - 3] - Melsester district: White, A.G.: TM: 2 [2 - 2] - Monavale: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Mondo River, S boundary: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - Msitwe and Mtoroshanga rivers, confluence: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Mtshavezi valley: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Munyati: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Munyati, Rhino [=Chimsoro] Cave: ? : Collector Unknown: NHMZ: 4 [4 - 4] - Mushandike National Park: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Mutare: ? : Collector Unknown: NHMZ: 54, ROM: 37 [91 - 91] - Mutare Asbestos Mine: ? : Collector Unknown: NHMZ: 30 [30 - 30] - Mutare, 15 km W: ? : Collector Unknown: NHMZ: 10 [10 - 10] - Muzarabani Clinic: ? : Collector Unknown: NHMZ: 17 [17 - 17] - Muzvezve Communal Land: ? : Collector Unknown: NHMZ: 4 [4 - 4] - Mvurwi: ? : Collector Unknown: NHMZ: 2 [2 - 2] - N'dola: ? : Collector Unknown: BMNH: 1 [1 - 1] - Ngamo Pan: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Nwanetsi: ? : Collector Unknown: TM: 3 [3 - 3] - Nyadiri River: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Nyadiri River, near bridge: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Nyamandhlovu: ? : Collector Unknown: NHMZ: 8 [8 - 8] - Nyamepi Camp: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Nyandia Dam: ? : Collector Unknown: NHMZ: 4 [4 - 4] - Nyanga National Park: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1] - Nyashato Dam: ? : Collector Unknown: NHMZ: 18 [18 - 18] - Nyazura: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Odzi: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Odzi district: ? : Collector Unknown: BMNH: 1 [1 - 1] - Peak Mine: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Penhalonga: ? : Collector Unknown: NHMZ: 2 [2 - 2] - Pungwe-Ruva confluence: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Quagg's Hoek: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Redrups Kop Mine: ? : Collector Unknown: NHMZ: 2 [2 - 2] - Retreat Farm: Peterson, Randolph L.: ROM: 1 [1 - 1] - Rhodes Inyanga National Park: ? : Collector Unknown: TM: 2 [2 - 2] - Rupisi Hot Spring: ? : Collector Unknown: NHMZ: 2 [2 - 2] - Rusito Forest: ? : Collector Unknown: NHMZ: 1, TM: 6 [7]; TM Expedition: TM: 2 [2 - 9] - Sabi-Lundi junction: Carp, B.: KM: 1 [1]; Liversedge, T.N.: USNM: 1 [1 - 2] - Sabi-Lundi River, S junction: Carp Expedition: TM: 1 [1 - 1] - Salisbury: Loure and Hickmans: USNM: 1 [1]; Setzer, H.W.: USNM: 1 [1 - 2] - Salisbury, Borrowdale Road: Brown, H.D.: TM: 1 [1 - 1] - Sanyati West Camp: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Save River: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Save Valley: ? : Collector Unknown: NHMZ: 2 [2 - 2] - Sebakwe River: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Selenda, mount: Streeter, J.: TM: 1 [1 - 1] - Selinda: White, A.G.: TM: 1 [1 - 1] - Selukwe: Ellenberger, B.: MNHN: 1 [1 - 1] - Sengwa Wildlife Research Station: ? : Collector Unknown: NHMZ: 17, ROM: 32, TM: 32 [81 - 81] - Sentinel Ranch: ? : Collector Unknown: NHMZ: 14, TM: 2 [16 - 16] - Sentinel Ranch: ? : Collector Unknown: NHMZ: 33 [33 - 33] - Shamva, 48 km NE: ? : Collector Unknown: NHMZ: 2 [2 - 2] - Shangani River: ? : Collector Unknown: NHMZ: 2 [2 - 2] - Shashe: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Shinda Estates: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Shurugwi: ? : Collector Unknown: NHMZ: 5 [5 - 5] - Silinda, mount: Streeter, F.: TM: 1 [1]; White, A.G.: TM: 3 [3 - 4] - Singereeri Hills: ? : Collector Unknown: NHMZ: 6, ROM: 1 [7 - 7] - Sohwe River: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Strickland Lodge: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Tanganda Bridge: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Tashinga: ? : Collector Unknown: NHMZ: 3 [3 - 3] - Tsetse fly gate: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - The Homestead: Cotterill, F.D.P.: TM: 2 [2 - 2] - Triangle, MacDougall's Tunnel: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Tsungwesi Gauno Cave: ? : Collector Unknown: NHMZ: 14 [14 - 14] - Tuli Camp: ? : Collector Unknown: NHMZ: 26 [26 - 26] - Umtali mine adit [=Umtali Old mine]: ? : Collector Unknown: DNSM: 1 [1 - 1] - Victoria Falls: ? : Collector Unknown: NHMZ: 6 [6 - 6] - Volunteer farms: ? : Collector Unknown: NHMZ: 7 [7 - 7] - Vumba: White, A.G.: TM: 4 [4 - 4] - Wallaby Claims: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Warren Hills: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Wildwood Sanctuary: ? : Collector Unknown: NHMZ: 1 [1 - 1] - Willow Park: ? : Collector Unknown: NHMZ: 9 [9 - 9] - Zambesidal: Holub: SMNS: 1 [1 - 1] - Zimbabwe: Cuisance, Dominique (Dr.): MNHN: 2 [2 - 2] - Zimbabwe ruins: Transvaal Museum Expedition: TM: 1 [1 - 1 - 1047].

Total Specimens for Collection Date Unknown: 9795

1 July 1834

Ethiopia: Simien mountains: Rüppell, Edward (dr.): SMF: 1 [1 - 1 - 1].

Total Specimens for 1 July 1834: 1

17 July 1838

Botswana: Artesia: ? : Collector Unknown: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 17 July 1838: 1

4 April 1839

The Gambia: Gambia river: ?: Collector Unknown: BMNH: 1 [1]; Rendall, Percy (dr.): BMNH: 1 [1 - 2 - 2].

Total Specimens for 4 April 1839: 2

1 January 1840

Sudan: Sennar [=Sennaar]: Rüppell, Edward (dr.): SMF: 1 [1 - 1 - 1].

The Gambia: Gambia: Steinmann: SMNS: 1 [1 - 1 - 1].

Total Specimens for 1 January 1840: 2

27 November 1842

South Africa: Tugela river: Wahlberg, J. (Stockholm Museum): NRM: 1 [1 - 1 - 1].

Total Specimens for 27 November 1842: 1

27 November 1843

South Africa: Tugela river: ?: Collector Unknown: NRM: 1 [1 - 1 - 1].

Total Specimens for 27 November 1843: 1

3 April 1854

Ethiopia: Bellegaz valley: Von Heuglin, Theodor: NMW: 1 [1 - 1 - 1].

Total Specimens for 3 April 1854: 1

1 January 1855

Sudan: Bellegas: Von Heuglin, Theodor: SMNS: 1 [1 - 1 - 1].

Total Specimens for 1 January 1855: 1

8 August 1859

Namibia: Olifant's Vlei [= Elephant Vlei / Vley]: Andersson, C.J.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 8 August 1859: 1

10 August 1859

Namibia: Olifant's Vlei [= Elephant Vlei / Vley]: Andersson, C.J.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 10 August 1859: 1

1 October 1863

Sudan: Bongo: Von Heuglin, Theodor: SMNS: 1 [1 - 1 - 1].

Total Specimens for 1 October 1863: 1

1 January 1871

South Africa: Natal: Schlüter, Wm.: SMNS: 1 [1 - 1 - 1].

Total Specimens for 1 January 1871: 1

10 December 1872

Egypt: Cairo: Roosevelt, T.: USNM: 1 [1 - 1 - 1].

Total Specimens for 10 December 1872: 1

24 June 1881

Tanzania: Zanzibar: de Ville: KBIN: 1 [1 - 1 - 1].

Total Specimens for 24 June 1881: 1

9 December 1882

Tanzania: Zanzibar: de Ville: KBIN: 1 [1 - 1 - 1].

Total Specimens for 9 December 1882: 1

1 January 1884

Congo (Democratic Republic of the): Semmio: Bohndorff: RMNH: 1 [1 - 1 - 1].

Total Specimens for 1 January 1884: 1

22 July 1884

Liberia: Schieffelinville: Stampfli, F.X.: RMNH: 1 [1 - 1 - 1].

Total Specimens for 22 July 1884: 1

30 November 1884

Ethiopia: Let Marefia: Antinori: MNHN: 1 [1 - 1 - 1].

Total Specimens for 30 November 1884: 1

21 January 1885

Gabon: Ssibange [Sibange] farm: Soyaux, H.: ZMB: 1 [1 - 1 - 1].

Total Specimens for 21 January 1885: 1

11 July 1885

Liberia: Schieffelinville: Stampfli, F.X.: RMNH: 1 [1 - 1 - 1].

Total Specimens for 11 July 1885: 1

3 April 1887

Canary Islands [Spain]: Orotava: Gomez, R.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 3 April 1887: 1

1 July 1887

Liberia: Farmington river: Stampfli, F.X.: RMNH: 1 [1 - 1 - 1].

Total Specimens for 1 July 1887: 1

1 January 1889

Congo (Democratic Republic of the): Banana: Hesse, P.: SMF: 1 [1 - 1 - 1].

Kenya: Masailand: Fischer: RMNH: 1 [1 - 1 - 1].

Total Specimens for 1 January 1889: 2

9 September 1889

Tanzania: "Mosambiro", but actually Usambiro: ?: Collector Unknown: BMNH: 1 [1 - 1 - 1].

Total Specimens for 9 September 1889: 1

1 April 1891

Angola: Ambriz: ?: Collector Unknown: RMNH: 1 [1 - 1 - 1].

Total Specimens for 1 April 1891: 1

15 June 1891

Madagascar: Morondava: Doulist, M.: MNHN: 1 [1 - 1 - 1].

Total Specimens for 15 June 1891: 1

22 February 1892

Unknown Country: Ogowe: Schmidt, A.: ZMH: 1 [1 - 1 - 1].

Total Specimens for 22 February 1892: 1

1 January 1893

Malawi: Zomba: Whyte, Alex (F.Z.S.): BMNH: 1 [1 - 1 - 1].**Total Specimens for 1 January 1893: 1**

5 April 1893

Uganda: Entebbe: Jackson, F.J., Esq.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 5 April 1893: 1**

15 May 1893

Zimbabwe: Mashonaland province: Brown, Harvey: CM: 1 [1 - 1 - 1].**Total Specimens for 15 May 1893: 1**

1 May 1894

Liberia: Coffee, mount: Cook, O.F.: USNM: 1 [1 - 1 - 1].**Total Specimens for 1 May 1894: 1**

13 January 1895

Zimbabwe: Mazoe: Darling, J. ff., Esq.: BMNH: 4 [4 - 4 - 4].**Total Specimens for 13 January 1895: 4**

2 February 1895

Madagascar: Ambositra: Forsyth Major, Charles Immanuel (dr.): BMNH: 1 [1 - 1 - 1].**Total Specimens for 2 February 1895: 1**

25 April 1895

Malawi: Fort Johnston: Rendall, Percy (dr.): BMNH: 1 [1 - 1 - 1].**Total Specimens for 25 April 1895: 1**

28 April 1895

Malawi: Fort Johnston: Rendall, Percy (dr.): BMNH: 1 [1 - 1 - 1].**Total Specimens for 28 April 1895: 1**

13 June 1895

Zimbabwe: Mazoe: Darling, J. ff., Esq.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 13 June 1895: 1**

14 June 1895

Malawi: Shire river, upper: Rendall, Percy (dr.): SMTD: 1 [1 - 1 - 1].**Total Specimens for 14 June 1895: 1**

3 July 1895

Madagascar: Fandriana region: Forsyth Major, Charles Immanuel (dr.): BMNH: 1 [1 - 1] - Imasindrary [=Sahamananina]: Forsyth Major, Charles Immanuel (dr.): BMNH: 1 [1 - 1 - 2].**Total Specimens for 3 July 1895: 2**

5 September 1895

Malawi: Shire river, upper: Rendall, Percy (dr.): BMNH: 1 [1 - 1 - 1].**Total Specimens for 5 September 1895: 1**

8 April 1896

Madagascar: Ambositra: Forsyth Major, Charles Immanuel (dr.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 8 April 1896: 1

1 July 1896

Malawi: Fort Hill [=Chitipa]: White, A. (coll), Johnston, Harry H. (Sir) (pres): BMNH: 1 [1 - 1 - 1].

Total Specimens for 1 July 1896: 1

28 September 1896

South Africa: Albany district: ?: Collector Unknown: SAMC: 1 [1 - 1 - 1].

Total Specimens for 28 September 1896: 1

2 March 1897

Sudan: Wagga, mount: Phillips, Lord E.: BMNH: 3 [3 - 3 - 3].

Total Specimens for 2 March 1897: 3

24 March 1897

Kenya: Maungu: Britton, C.S.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 24 March 1897: 1

3 June 1897

Gabon: Como River, almost sea-level: Bates, G.L.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 3 June 1897: 1

6 July 1897

Gabon: Como River: ?: Collector Unknown: BMNH: 1 [1 - 1 - 1].

Total Specimens for 6 July 1897: 1

14 November 1897

Somalia: Hargeisa: Hawker, R. McDonald: BMNH: 1 [1 - 1 - 1].

Total Specimens for 14 November 1897: 1

10 December 1897

Uganda: Mengo: Jackson: BMNH: 1 [1 - 1 - 1].

Total Specimens for 10 December 1897: 1

11 December 1897

Equatorial Guinea: Benito river: Bates, G.L.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 11 December 1897: 1

22 January 1898

Equatorial Guinea: Benito river: Bates, G.L.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 22 January 1898: 1

25 March 1898

South Africa: Lydenburg Krantz: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 25 March 1898: 1

4 April 1898

South Africa: Steinkopf: Schlechter, Max: SAMC: 1 [1 - 1 - 1].

Total Specimens for 4 April 1898: 1

29 April 1898

Madagascar: Mahabo [62 locs]: ?: Collector Unknown: MNHN: 1 [1 - 1 - 1].

Total Specimens for 29 April 1898: 1

19 May 1898

Madagascar: Tulear, near... St: ?: Collector Unknown: MNHN: 1 [1 - 1 - 1].

Total Specimens for 19 May 1898: 1

9 January 1899

Ghana: Gambaga: ?: Collector Unknown: BMNH: 1 [1 - 1 - 1].

Total Specimens for 9 January 1899: 1

27 January 1899

Ghana: Fra Fra Country: Giffard, W. (Capt.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 27 January 1899: 1

8 February 1899

Tanzania: Dar es Salaam: Rautenberg: ZMH: 1 [1 - 1 - 1].

Total Specimens for 8 February 1899: 1

7 September 1899

Equatorial Guinea: Benito river: Bates, G.L.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 7 September 1899: 1

21 February 1900

NE Africa: Walamo: Harrison, J.J.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 21 February 1900: 1

25 March 1900

South Africa: Lydenburg: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 25 March 1900: 1

10 May 1900

Sudan: Jebel Aulia: Anderson, Mrs. and Witherby, H.F.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 10 May 1900: 1

12 May 1900

Sudan: Wad Marium: Anderson, Mrs. and Witherby, H.F.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 12 May 1900: 1

4 June 1900

Guinea-Bissau: Gunnal: Ansorge, W.J. (dr.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 4 June 1900: 1

5 June 1900

Mozambique: Beira: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 5 June 1900: 1

19 October 1900

Kenya: Naivasha, lake: Johnston, Harry H. (Sir): BMNH: 1 [1 - 1 - 1].**Total Specimens for 19 October 1900: 1**

20 October 1900

Tanzania: Takaungu: Percival, A.B.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 20 October 1900: 1**

26 November 1900

Kenya: Kitui: Hinde, S.L. (dr.): BMNH: 1 [1 - 1 - 1].**Total Specimens for 26 November 1900: 1**

7 December 1900

Zimbabwe: Mazoe: Darling, J. ff., Esq.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 7 December 1900: 1**

3 January 1901

Kenya: Kitui: Hinde, Hildegard (Mrs.): BMNH: 1 [1 - 1 - 1].**Total Specimens for 3 January 1901: 1**

7 January 1901

Kenya: Kitui: Hinde, S.L. (dr.): BMNH: 1 [1 - 1 - 1].**Total Specimens for 7 January 1901: 1**

14 February 1901

Kenya: Kitui: Hinde, S.L. (dr.): BMNH: 1 [1 - 1 - 1].**Total Specimens for 14 February 1901: 1**

15 February 1901

Kenya: Rabai: Percival, A.B.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 15 February 1901: 1**

10 March 1901

Sudan: Shendi: Rothschild, Nathaniel Charles and Wollaster, A.F.R.: BMNH: 2 [2 - 2 - 2].**Total Specimens for 10 March 1901: 2**

19 March 1901

Sudan: Kaka: Hawker, R. McDonald: BMNH: 3 [3 - 3 - 3].**Total Specimens for 19 March 1901: 3**

13 May 1901

Sudan: Renk: Hawker, R. McDonald: BMNH: 1 [1 - 1 - 1].**Total Specimens for 13 May 1901: 1**

30 May 1901

Libya: Murzuk: Whitaker, J.I.S.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 30 May 1901: 1**

11 July 1901

Kenya: Machakos district: Hinde, S.L. (dr.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 11 July 1901: 1

24 July 1901

Cameroon: Efulen: Bates, G.L.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 24 July 1901: 1

14 August 1901

Cameroon: Efulen: Bates, G.L.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 14 August 1901: 1

24 December 1901

Maldive Islands: Male Atoll: Bigelow, H.B. (A. Agassiz Expedition): MCZ: 2 [2 - 2 - 2].

Total Specimens for 24 December 1901: 2

10 January 1902

Ethiopia: Harar: Degen, E.: BMNH: 1 [1 - 1] - Harar [=Harar]: Degen, E.: BMNH: 1 [1 - 1 - 2].

Total Specimens for 10 January 1902: 2

25 January 1902

Kenya: Fort Hall: Hinde, Hildegard (Mrs.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 25 January 1902: 1

26 January 1902

Kenya: Fort Hall: Hinde, S.L. (dr.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 26 January 1902: 1

6 February 1902

Kenya: Fort Hall [=Muranga]: Hinde, S.L. (dr.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 6 February 1902: 1

24 June 1902

South Africa: Port St Johns: ?: Collector Unknown: BMNH: 1 [1 - 1 - 1].

Total Specimens for 24 June 1902: 1

25 June 1902

South Africa: Port St Johns: ?: Collector Unknown: BMNH: 1 [1 - 1 - 1].

Total Specimens for 25 June 1902: 1

22 August 1902

South Africa: Port St. Johns: Shortridge, Guy C. (Capt.): SAMC: 1 [1 - 1 - 1].

Total Specimens for 22 August 1902: 1

17 October 1902

Kenya: Fort Hall: Hinde, Hildegard (Mrs.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 17 October 1902: 1

20 November 1902

Kenya: Muranga: Hinde, S.L. (dr.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 20 November 1902: 1

1 January 1903

Kenya: Fort Hall: Hinde, Hildegard (Mrs.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 1 January 1903: 1

14 April 1903

South Africa: Klipfontein: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 14 April 1903: 1

17 April 1903

South Africa: Klipfontein: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 17 April 1903: 1

18 April 1903

Kenya: Muranga: Hinde, S.L. (dr.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 18 April 1903: 1

23 April 1903

Kenya: Nairobi: Thomas, Dr. Felix: NMW: 1 [1 - 1 - 1].

Total Specimens for 23 April 1903: 1

12 June 1903

Kenya: Muranga: Hinde, S.L. (dr.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 12 June 1903: 1

18 June 1903

Angola: Pungo Andongo: Ansorge, W.J. (dr.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 18 June 1903: 1

20 June 1903

Kenya: Muranga: Hinde, S.L. (dr.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 20 June 1903: 1

3 August 1903

Egypt: Eastern desert of Egypt: MacKilligan, Arthur M.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 3 August 1903: 1

10 August 1903

South Africa: Hanover: Shortridge, Guy C. (purchased): SAMC: 1 [1 - 1 - 1].

Total Specimens for 10 August 1903: 1

12 August 1903

Sudan: Wadi Alagi: MacKilligan, Arthur M.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 12 August 1903: 1

14 August 1903

Sudan: Wadi Alagi: Mackilligan, Arthur M.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 14 August 1903: 1

17 November 1903

South Africa: Jususie valley [=Insuzi valley]: Grant, C.H.B. (Capt.; coll), Rudd, C.D. (pres): BMNH: 1 [1 - 1 - 1].**Total Specimens for 17 November 1903: 1**

2 January 1904

Equatorial Guinea: Fish Town: Seimund, E.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 2 January 1904: 1**

24 January 1904

South Africa: Kuruman: Dent, R.E.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 24 January 1904: 1**

15 February 1904

South Africa: Eshowe: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 15 February 1904: 1**

7 March 1904

Botswana: Kuruman: Dent, R.E. and Woosnam, R.B.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 7 March 1904: 1**

15 March 1904

Sudan: Merowe: Rothschild, Nathaniel Charles: BMNH: 2 [2 - 2 - 2].**Total Specimens for 15 March 1904: 2**

19 April 1904

South Africa: Kuruman: Woosnam, R.B.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 19 April 1904: 1**

16 May 1904

Zimbabwe: Kapovka, mount: Neave, S.A.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 16 May 1904: 1**

26 October 1904

South Africa: Ngoye hills: Grant, C.H.B. (Capt.): BMNH: 1 [1 - 1 - 1].**Total Specimens for 26 October 1904: 1**

11 February 1905

Sudan: Khor Attar: Sassi, M. (dr.): NMW: 1 [1 - 1 - 1].**Total Specimens for 11 February 1905: 1**

7 March 1905

South Africa: Knysna: Daneel, W.B.: TM: 1 [1 - 1 - 1].**Total Specimens for 7 March 1905: 1**

27 March 1905

Sudan: Mongalla: Sassi, M. (dr.): NMW: 3 [3 - 3 - 3].**Total Specimens for 27 March 1905: 3**

3 April 1905

South Africa: Knysna:?: Collector Unknown: BMNH: 1, TM: 1 [2]; Grant, C.H.B. (Capt.): TM: 2 [2 - 4 - 4].

Total Specimens for 3 April 1905: 4

16 June 1905

Uganda: Entebbe: Degen, E.: BMNH: 2 [2 - 2 - 2].

Total Specimens for 16 June 1905: 2

22 July 1905

South Africa: Klein Letaba, 14 km W: Grant, C.H.B. (Capt.): TM: 1 [1 - 1 - 1].

Total Specimens for 22 July 1905: 1

3 August 1905

South Africa: Klein Letaba: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 2 [2 - 2 - 2].

Total Specimens for 3 August 1905: 2

18 August 1905

South Africa: Klein Letaba: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 18 August 1905: 1

25 August 1905

Nigeria: Aguleri: Kemp, Robin: BMNH: 1 [1 - 1 - 1].

Total Specimens for 25 August 1905: 1

24 September 1905

South Africa: Klein Letaba: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 24 September 1905: 1

14 December 1905

Kenya: Lukenya, mount: Heller, Edmund: FMNH: 1 [1 - 1 - 1].

Total Specimens for 14 December 1905: 1

27 December 1905

Kenya: Lukenya, mount: Heller, Edmund: FMNH: 1 [1 - 1 - 1].

Total Specimens for 27 December 1905: 1

20 January 1906

Kenya: Ruwenzori East: Dent, R.E.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 20 January 1906: 1

21 January 1906

Kenya: Ruwenzori East: Carruthers, R.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 21 January 1906: 1

22 January 1906

Uganda: Ruwenzori East: Woosnam, R.B.: USNM: 1 [1 - 1 - 1].

Total Specimens for 22 January 1906: 1

23 January 1906

Cameroon: Dja river: Bates, G.L.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 23 January 1906: 1

18 April 1906

Congo (Democratic Republic of the): Likandi river [=Litaki river]: Alexander-Gosling Expedition: BMNH: 1 [1 - 1 - 1].

Total Specimens for 18 April 1906: 1

21 April 1906

South Africa: Potchefstroom: Jameson, H. Lyster: TM: 1 [1 - 1 - 1].

Total Specimens for 21 April 1906: 1

11 May 1906

Angola: Bungo: Ansorge, W.J. (dr.): BMNH: 2 [2 - 2 - 2].

Congo (Democratic Republic of the): Ruwenzori SE: Woosnam, R.B.: BMNH: 1 [1 - 1 - 1].

South Africa: Sabi river: Hamilton, J.S. (Maj.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 11 May 1906: 4

21 May 1906

South Africa: Sabi river: Hamilton, J.S. (Maj.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 21 May 1906: 1

24 May 1906

Cameroon: Bitye: Bates, G.L. and Rosenberg, G.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 24 May 1906: 1

17 June 1906

Congo (Democratic Republic of the): Ruwenzori SE: Dent, R.E.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 17 June 1906: 1

1 July 1906

Ethiopia: Harar: Szántó: NMW: 1 [1 - 1 - 1].

Total Specimens for 1 July 1906: 1

26 July 1906

Mozambique: Coguno: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 26 July 1906: 1

28 July 1906

Mozambique: Coguno: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 28 July 1906: 1

1 August 1906

Eritrea: Assab: Felter, P.: HNHM: 1 [1 - 1 - 1].

Total Specimens for 1 August 1906: 1

8 August 1906

Congo (Democratic Republic of the): Beni: Dent, R.E.: BMNH: 2 [2 - 2 - 2].

Total Specimens for 8 August 1906: 2

9 August 1906

Mozambique: Inhambane: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 9 August 1906: 1

11 August 1906

Mozambique: Inhambane: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 11 August 1906: 1

8 September 1906

Mozambique: Coguno: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 8 September 1906: 1

21 September 1906

South Africa: Potchefstroom: Jameson, H. Lyster: TM: 2 [2 - 2 - 2].

Total Specimens for 21 September 1906: 2

26 September 1906

South Africa: Potchefstroom: Jameson, H. Lyster: TM: 1 [1 - 1 - 1].

Total Specimens for 26 September 1906: 1

28 September 1906

South Africa: Potchefstroom: Jameson, H. Lyster: TM: 1 [1 - 1 - 1].

Total Specimens for 28 September 1906: 1

13 October 1906

South Africa: OFD workings: Jameson, H. Lyster: TM: 1 [1 - 1 - 1].

Total Specimens for 13 October 1906: 1

14 October 1906

Gabon: N'Gomo Ogooue: Haug: MNHN: 1 [1 - 1 - 1].

Total Specimens for 14 October 1906: 1

23 October 1906

Congo (Democratic Republic of the): Albert, lake: Carruthers, R.: BMNH: 2 [2 - 2 - 2].

Total Specimens for 23 October 1906: 2

2 January 1907

"Africa": Tropical Africa: Institut für Tropenkrankheiten: ZMH: 2 [2 - 2 - 2].

Total Specimens for 2 January 1907: 2

10 March 1907

South Africa: Fountains: Jameson, H. Lyster: TM: 2 [2 - 2] - Fountains Grove: Jameson, H. Lyster: TM: 1 [1 - 1 - 3].

Total Specimens for 10 March 1907: 3

14 March 1907

South Africa: Fountains: Jameson, H. Lyster: TM: 1 [1 - 1 - 1].

Total Specimens for 14 March 1907: 1

7 April 1907

South Africa: Louw's Creek: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 7 April 1907: 1

22 April 1907

South Africa: Farm Wonderfontein: Jameson, H. Lyster: TM: 1 [1 - 1 - 1].**Total Specimens for 22 April 1907: 1**

26 April 1907

South Africa: Farm Wonderfontein: Jameson, H. Lyster: TM: 2 [2]; Jawsens: TM: 1 [1 - 3] - Farm Wonderfontein 103IQ: ?; Collector Unknown: TM: 1 [1 - 1 - 4].**Total Specimens for 26 April 1907: 4**

1 May 1907

South Africa: Pretoria: ?; Collector Unknown: TM: 2 [2 - 2 - 2].**Total Specimens for 1 May 1907: 2**

8 May 1907

Mozambique: Tambarara: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 6 [6 - 6 - 6].**Total Specimens for 8 May 1907: 6**

19 June 1907

Ethiopia: Saganeiti: Capomazza, I.: MSNG: 1 [1 - 1 - 1].**Total Specimens for 19 June 1907: 1**

12 August 1907

South Africa: Potchefstroom: ?; Collector Unknown: TM: 2 [2]; Jameson, H. Lyster: TM: 9 [9 - 11 - 11].**Total Specimens for 12 August 1907: 11**

20 August 1907

South Africa: Potchefstroom: Jameson, H. Lyster: TM: 2 [2 - 2 - 2].**Total Specimens for 20 August 1907: 2**

22 August 1907

South Africa: Potchefstroom: Jameson, H. Lyster: TM: 2 [2 - 2 - 2].**Total Specimens for 22 August 1907: 2**

24 August 1907

Somalia: Upper Sheikh: Drake-Brockman, R.E. (dr.): BMNH: 1 [1 - 1 - 1].**Total Specimens for 24 August 1907: 1**

10 September 1907

Mozambique: Muchena: ?; Collector Unknown: TM: 1 [1 - 1] - Tette: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 3 [3 - 3 - 4].**Total Specimens for 10 September 1907: 4**

23 October 1907

South Africa: Tzaneen Estate: ?; Collector Unknown: TM: 2 [2 - 2 - 2].**Total Specimens for 23 October 1907: 2**

25 October 1907

South Africa: Florida: Jameson, H. Lyster: TM: 3 [3 - 3 - 3].

Total Specimens for 25 October 1907: 3

9 November 1907

South Africa: Farm Makapansgat 39, Makapan cave: Jameson, H. Lyster: TM: 2 [2 - 2 - 2].**Total Specimens for 9 November 1907: 2**

14 December 1907

South Africa: Gatkoppies: Jameson, H. Lyster: TM: 6 [6 - 6 - 6].**Total Specimens for 14 December 1907: 6**

5 January 1908

South Africa: Malvern: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 5 January 1908: 1**

10 January 1908

South Africa: Malvern: Jameson, H. Lyster: TM: 1 [1 - 1 - 1].**Total Specimens for 10 January 1908: 1**

11 January 1908

South Africa: Malvern: Jameson, H. Lyster: TM: 1 [1 - 1 - 1].**Total Specimens for 11 January 1908: 1**

12 January 1908

South Africa: Malvern: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 12 January 1908: 1**

10 February 1908

Uganda: Entebbe: Berti, Carolina: RMCA: 1 [1 - 1 - 1].**Total Specimens for 10 February 1908: 1**

22 February 1908

South Africa: Ngqeleni District: Swinny, H.H: TM: 1 [1 - 1 - 1].**Total Specimens for 22 February 1908: 1**

23 February 1908

South Africa: Ngqeleni District: Swinny, H.H: TM: 1 [1 - 1 - 1].**Total Specimens for 23 February 1908: 1**

2 March 1908

Zambia: Loangwa valley: Neave, S.A.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 2 March 1908: 1**

27 March 1908

South Africa: Farm Hectorspruit: Streeter, J.: TM: 1 [1 - 1] - Ngqeleni: ?: Collector Unknown: TM: 1 [1 - 1 - 2].**Total Specimens for 27 March 1908: 2**

28 March 1908

Namibia: Oas: Pöch, Rudolf (dr.): NMW: 1 [1 - 1 - 1].**Total Specimens for 28 March 1908: 1**

30 March 1908

South Africa: Sabie: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 30 March 1908: 1

20 April 1908

South Africa: Port St. Johns: Swinny, H.H.: TM: 1 [1 - 1 - 1].

Total Specimens for 20 April 1908: 1

26 April 1908

Mozambique: Beira: ?: Collector Unknown: TM: 2 [2 - 2] - Zimbiti: ?: Collector Unknown: TM: 1 [1 - 1 - 3].

Total Specimens for 26 April 1908: 3

2 May 1908

Mozambique: Beira: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 2 May 1908: 1

14 May 1908

Mozambique: Beira: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 14 May 1908: 1

8 July 1908

Angola: Cassoalalla: Ansorge, W.J. (dr.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 8 July 1908: 1

27 July 1908

Nigeria: Yola: ?: Collector Unknown: BMNH: 1 [1 - 1 - 1].

Total Specimens for 27 July 1908: 1

23 August 1908

Mozambique: Tete: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 2 [2 - 2 - 2].
South Africa: Ngqeleni: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 23 August 1908: 3

24 August 1908

Mozambique: Coguno: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 24 August 1908: 1

29 August 1908

Mozambique: Coguno: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 1 [1 - 1] - Tete: Grant, C.H.B. (Capt.) and Rudd, C.D.:
BMNH: 1 [1 - 1 - 2].

Total Specimens for 29 August 1908: 2

13 September 1908

Mozambique: Tete: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 13 September 1908: 1

14 September 1908

Mozambique: Tete: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 14 September 1908: 1

16 October 1908

Egypt: Gizeh: Nicoll, J.: BMNH: 4 [4 - 4 - 4].

Total Specimens for 16 October 1908: 4

27 October 1908

Mozambique: Norture Boror: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 27 October 1908: 1

5 December 1908

South Africa: Malvern: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 5 December 1908: 1

10 January 1909

Ethiopia: Haza Boran: Brockman, D.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 10 January 1909: 1

1 February 1909

South Africa: Knysna: Rex, J.H.: TM: 1 [1 - 1 - 1].

Total Specimens for 1 February 1909: 1

11 February 1909

South Africa: Knysna: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 11 February 1909: 2

18 February 1909

South Africa: Knysna: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 18 February 1909: 1

24 February 1909

South Africa: Venterskroon: Roberts, Austin: TM: 2 [2 - 2 - 2].

Total Specimens for 24 February 1909: 2

3 March 1909

Egypt: Abu Rawash: Bonhote, John James Lewis and Flower, Maj. S.S.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 3 March 1909: 1

5 March 1909

South Africa: Port St Johns: Swinny, H.H.: TM: 1 [1 - 1 - 1].

Total Specimens for 5 March 1909: 1

6 March 1909

Namibia: Keetmannshoop: Burmester: ZMH: 1 [1 - 1 - 1].

Total Specimens for 6 March 1909: 1

13 March 1909

Egypt: Lake Moeris: Bonhote, John James Lewis and Flower, Maj. S.S.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 13 March 1909: 1

21 March 1909

South Africa: Port St Johns: Swinny, H.H.: TM: 1 [1 - 1 - 1].

Total Specimens for 21 March 1909: 1

5 April 1909

Tanzania: Tanzania: Horn, A.: NMW: 1 [1 - 1 - 1].

Total Specimens for 5 April 1909: 1

26 April 1909

South Africa: Modderfontein: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 26 April 1909: 1

16 June 1909

Kenya: South Nguasso Nyiro river: Mearns, Edgar Alexander (Dr.): USNM: 1 [1 - 1 - 1].

Total Specimens for 16 June 1909: 1

6 August 1909

Kenya: Meru River: Allen, Glover Morrill: MCZ: 1 [1 - 1 - 1].

Total Specimens for 6 August 1909: 1

7 August 1909

Kenya: Meru river: Allen, Glover Morrill: AMNH: 1 [1 - 1 - 1].

Total Specimens for 7 August 1909: 1

11 August 1909

Cameroon: Bitye: Bates, G.L.: RMCA: 1 [1 - 1 - 1].

Kenya: Meru River: Allen, Glover Morrill: MCZ: 1 [1 - 1 - 1].

Total Specimens for 11 August 1909: 2

16 September 1909

Kenya: southern slopes Mt ...: Rudd: BMNH: 1 [1 - 1 - 1].

Total Specimens for 16 September 1909: 1

10 October 1909

Somalia: Upper Sheikh: Drake-Brockman, R.E. (dr.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 10 October 1909: 1

19 November 1909

Cameroon: Bitye: Bates, G.L.: BMNH: 1 [1 - 1 - 1].

Somalia: Upper Sheikh: Drake-Brockman, R.E. (dr.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 19 November 1909: 2

21 November 1909

Congo (Democratic Republic of the): Avakubi: Chapin, James P. and Lang, Herbert: RMCA: 1 [1 - 1 - 1].

Total Specimens for 21 November 1909: 1

4 December 1909

Congo (Democratic Republic of the): Ngayu: Chapin, James P. and Lang, Herbert: RMCA: 1 [1 - 1 - 1].

Total Specimens for 4 December 1909: 1

5 December 1909

Somalia: Upper Sheikh: Drake-Brockman, R.E. (dr.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 5 December 1909: 1

7 December 1909

South Africa: Port St. Johns: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 7 December 1909: 1

17 December 1909

Congo (Democratic Republic of the): Ngayu: Chapin, James P. and Lang, Herbert: AMNH: 3, RMCA: 1 [4 - 4 - 4].

Total Specimens for 17 December 1909: 4

18 December 1909

Somalia: Upper Sheikh: Drake-Brockman, R.E. (dr.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 18 December 1909: 1

22 December 1909

South Africa: Farm Hectorspruit: Streeter, J.: TM: 1 [1 - 1 - 1].

Total Specimens for 22 December 1909: 1

2 January 1910

Kenya: Mumias: Kemp, Robin and Rudd, C.D.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 2 January 1910: 1

5 January 1910

Congo (Democratic Republic of the): Bafwabaka: Chapin, James P. and Lang, Herbert: RMCA: 1 [1 - 1 - 1].

South Africa: Port St Johns: Swinny, H.H.: TM: 1 [1 - 1 - 1].

Total Specimens for 5 January 1910: 2

11 January 1910

Somalia: Upper Sheikh: Drake-Brockman, R.E. (dr.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 11 January 1910: 1

15 January 1910

Sudan: Ledgus: Loring, J. Alden: USNM: 1 [1 - 1 - 1].

Total Specimens for 15 January 1910: 1

27 January 1910

South Africa: Pretoria: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 27 January 1910: 1

28 January 1910

South Africa: Hectorspruit: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 28 January 1910: 1

30 January 1910

South Africa: Hectorspruit: ?: Collector Unknown: TM: 3 [3 - 3 - 3].

Total Specimens for 30 January 1910: 3

1 February 1910

Congo (Democratic Republic of the): Uvira: Graub: NMW: 1 [1 - 1 - 1].
South Africa: Hectorspruit: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 1 February 1910: 2

7 February 1910

South Africa: Hectorspruit: Streeter, F.: TM: 1 [1 - 1 - 1].

Total Specimens for 7 February 1910: 1

9 February 1910

South Africa: Hectorspruit: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 9 February 1910: 1

11 February 1910

South Africa: Port St Johns: Swinny, H.H.: TM: 1 [1 - 1 - 1].

Total Specimens for 11 February 1910: 1

15 February 1910

Sudan: Jebel Aulia: Koenig, Alexander: ZFMK: 2 [2 - 2 - 2].

Total Specimens for 15 February 1910: 2

17 February 1910

Mozambique: Maputo: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
Somalia: Upper Sheikh: Drake-Brockman, R.E. (dr.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 17 February 1910: 2

23 February 1910

Sudan: No, lake: Le Roi, O.: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 23 February 1910: 1

28 February 1910

Sudan: Gondokoro: Loring, J. Alden: USNM: 1 [1 - 1 - 1].

Total Specimens for 28 February 1910: 1

1 March 1910

Sudan: Bor: Heller, Edmund: USNM: 4 [4 - 4 - 4].

Total Specimens for 1 March 1910: 4

2 March 1910

Sudan: Bor: Heller, Edmund: USNM: 4 [4 - 4 - 4].

Total Specimens for 2 March 1910: 4

7 March 1910

Senegal: Dialocote: Owen, G.F.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 7 March 1910: 1

9 March 1910

Senegal: Dialocote: Owen, G.F.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 9 March 1910: 1

11 March 1910

Ethiopia: Lado: Le Roi, O.: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 11 March 1910: 1

16 March 1910

Congo (Democratic Republic of the): Medje: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1 - 1].

Total Specimens for 16 March 1910: 1

19 March 1910

South Africa: Hectorspruit: Streeter, F.: TM: 1 [1 - 1 - 1].

Total Specimens for 19 March 1910: 1

21 March 1910

Sudan: Khartoum: Loring, J. Alden: USNM: 2 [2 - 2 - 2].

Total Specimens for 21 March 1910: 2

22 March 1910

Sudan: Hellet Nuer: Le Roi, O.: ZFMK: 1 [1 - 1] - Khartoum: Heller, Edmund: USNM: 1 [1 - 1 - 2].

Total Specimens for 22 March 1910: 2

24 March 1910

South Africa: Port St. Johns: Swinny, H.H.: TM: 1 [1 - 1 - 1].

Total Specimens for 24 March 1910: 1

31 March 1910

Sudan: Abu Doleb: Koenig, Alexander: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 31 March 1910: 1

7 April 1910

Tanzania: Taveta: Kemp, Robin: BMNH: 1 [1 - 1 - 1].

Total Specimens for 7 April 1910: 1

12 April 1910

Kenya: Ndara hills: Kemp, Robin: BMNH: 2 [2]; Kemp, Robin and Rudd, C.D.: BMNH: 1 [1 - 3 - 3].

Total Specimens for 12 April 1910: 3

7 May 1910

Senegal: Dialocote: Owen, G.F.: BMNH: 2 [2 - 2 - 2].

Total Specimens for 7 May 1910: 2

8 May 1910

Tanzania: Taveta: Kemp, Robin: BMNH: 3 [3 - 3 - 3].

Total Specimens for 8 May 1910: 3

14 May 1910

Tanzania: Taveta: Kemp, Robin: BMNH: 1 [1 - 1 - 1].

Total Specimens for 14 May 1910: 1

15 May 1910

Nigeria: Kabir: Fox, Rév. G.J.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 15 May 1910: 1

21 May 1910

Benin: Aguagou / Cotonou: Bouet, Dr.: MNHN: 1 [1 - 1 - 1].**Total Specimens for 21 May 1910: 1**

1 June 1910

Madagascar: Rodo valley: ?: Collector Unknown: MCZ: 1 [1 - 1 - 1].**Total Specimens for 1 June 1910: 1**

17 June 1910

Cameroon: Bibundi: Retzlaff, M.: ZMH: 1 [1 - 1 - 1].**Total Specimens for 17 June 1910: 1**

2 July 1910

Kenya: Mazeras: Kemp, Robin and Rudd, C.D.: BMNH: 3 [3 - 3 - 3].**Total Specimens for 2 July 1910: 3**

10 July 1910

Kenya: Mazeras: Kemp, Robin and Rudd, C.D.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 10 July 1910: 1**

11 July 1910

Kenya: Mazeras: Kemp, Robin and Rudd, C.D.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 11 July 1910: 1**

27 July 1910

Guinea: Pita: Pobéguin, H.: MNHN: 1 [1 - 1 - 1].**Total Specimens for 27 July 1910: 1**

29 August 1910

Egypt: Gizeh: Flower, S.S. (Maj.): BMNH: 1 [1 - 1 - 1].**Total Specimens for 29 August 1910: 1**

7 September 1910

Congo (Democratic Republic of the): Medje: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1 - 1].**Total Specimens for 7 September 1910: 1**

8 September 1910

Congo (Democratic Republic of the): Medje: Lang, Herbert and Chapin, James, P.: AMNH: 2 [2 - 2 - 2].**Total Specimens for 8 September 1910: 2**

1 October 1910

Central African Republic: Badingua: Schubolz, H.: SMF: 2 [2 - 2 - 2].**Total Specimens for 1 October 1910: 2**

12 October 1910

Congo (Democratic Republic of the): Duma: Schubolz, H.: SMF: 1 [1 - 1 - 1].**Total Specimens for 12 October 1910: 1**

29 October 1910

Somalia: Zeyla: Drake-Brockman, R.E. (dr.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 29 October 1910: 1

6 November 1910

Congo (Democratic Republic of the): Niangara: Chapin, James P. and Lang, Herbert: RMCA: 1 [1 - 1 - 1].

Total Specimens for 6 November 1910: 1

16 November 1910

Congo (Democratic Republic of the): Niangara: Chapin, James P. and Lang, Herbert: FMNH: 1 [1 - 1 - 1].

Total Specimens for 16 November 1910: 1

26 November 1910

Congo (Democratic Republic of the): Niangara: Chapin, James P. and Lang, Herbert: AMNH: 1 [1 - 1 - 1].

Total Specimens for 26 November 1910: 1

1 December 1910

Chad: Chari delta: Herzog, A.T.M.: SMF: 1 [1 - 1 - 1].

Total Specimens for 1 December 1910: 1

7 December 1910

Ghana: Bibianaha [=Bibiani]: Spurrell, H.G.F. (dr.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 7 December 1910: 1

12 December 1910

Congo (Democratic Republic of the): Niangara: Chapin, James P. and Lang, Herbert: FMNH: 1 [1]; Lang, Herbert and Chapin, James, P.: AMNH: 2 [2 - 3 - 3].

Total Specimens for 12 December 1910: 3

23 December 1910

South Africa: Port St. Johns: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 23 December 1910: 2

1 January 1911

Uganda: Buhivu: Kinunke: NMW: 1 [1 - 1 - 1].

Total Specimens for 1 January 1911: 1

4 February 1911

South Africa: Farm Makapansgat, Makapan cave: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 4 February 1911: 2

7 February 1911

South Africa: Farm Hectorspruit: Streeter, J.: TM: 1 [1 - 1 - 1].

Total Specimens for 7 February 1911: 1

8 February 1911

Senegal: Badi: Owen, G.F.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 8 February 1911: 1

9 February 1911

South Africa: Farm Hectorspruit: Streeter, J.: TM: 4 [4 - 4] - Hectorspruit: ?: Collector Unknown: TM: 1 [1 - 1 - 5].

Total Specimens for 9 February 1911: 5

21 February 1911

Congo (Democratic Republic of the): Faradje: Chapin, James P. and Lang, Herbert: AMNH: 2 [2 - 2 - 2].

Total Specimens for 21 February 1911: 2

26 February 1911

South Africa: Port St. Johns: Swinny, H.H.: TM: 1 [1 - 1 - 1].

Total Specimens for 26 February 1911: 1

1 March 1911

Congo (Democratic Republic of the): Faradje: Chapin, James P. and Lang, Herbert: AMNH: 2 [2 - 2 - 2].

Total Specimens for 1 March 1911: 2

20 March 1911

Kenya: Luazomela: ?: Collector Unknown: NRM: 1 [1 - 1 - 1].

Total Specimens for 20 March 1911: 1

30 March 1911

Congo (Democratic Republic of the): Faradje: Chapin, James P. and Lang, Herbert: AMNH: 1, RMCA: 1 [2 - 2 - 2].

Total Specimens for 30 March 1911: 2

12 April 1911

South Africa: Pretoria: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 12 April 1911: 2

20 April 1911

Chad: Melfi: Herzog, A.T.M.: SMF: 5 [5 - 5 - 5].

Total Specimens for 20 April 1911: 5

30 April 1911

South Africa: Port St. Johns: Swinny, H.H.: TM: 1 [1 - 1 - 1].

Total Specimens for 30 April 1911: 1

8 May 1911

South Africa: Baberton: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 8 May 1911: 1

13 May 1911

Cameroon: Marua: Herzog, A.T.M.: SMF: 1 [1 - 1 - 1].

Total Specimens for 13 May 1911: 1

22 May 1911

South Africa: Hectorspruit: Streeter F: TM: 1 [1 - 1 - 1].

Total Specimens for 22 May 1911: 1

12 June 1911

South Africa: Port St. Johns: Swinny, H.H.: TM: 2 [2 - 2 - 2].

Total Specimens for 12 June 1911: 2

23 June 1911

South Africa: Port St. Johns: Swinny, H.H.: TM: 1 [1 - 1 - 1].**Total Specimens for 23 June 1911: 1**

2 July 1911

Congo (Democratic Republic of the): Faradje: Chapin, James P. and Lang, Herbert: RMCA: 1 [1 - 1 - 1].**Total Specimens for 2 July 1911: 1**

22 July 1911

Kenya: Merelle Water: Heller, Edmund: USNM: 1 [1 - 1 - 1].**Total Specimens for 22 July 1911: 1**

18 August 1911

Kenya: Ewaso Ng'iro: Percival, A.B.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 18 August 1911: 1**

26 August 1911

Kenya: Gargues, mount [summit]: Heller, Edmund: USNM: 3 [3 - 3 - 3].**Total Specimens for 26 August 1911: 3**

4 September 1911

Kenya: Ewaso Ng'iro: Percival, A.B.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 4 September 1911: 1**

17 September 1911

South Africa: Farm Hectorspruit: Streeter, J.: TM: 1 [1 - 1 - 1].**Total Specimens for 17 September 1911: 1**

18 September 1911

South Africa: Farm Hectorspruit: Streeter, J.: TM: 1 [1 - 1] - Hectorspruit: ?: Collector Unknown: TM: 3 [3 - 3 - 4].**Total Specimens for 18 September 1911: 4**

30 September 1911

Kenya: Ewaso Ng'iro: Percival, A.B.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 30 September 1911: 1**

17 October 1911

Cameroon: Biteye: Bates, G.L.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 17 October 1911: 1**

22 November 1911

Congo (Democratic Republic of the): Faradje: Chapin, James P. and Lang, Herbert: RMCA: 1 [1 - 1 - 1].**Total Specimens for 22 November 1911: 1**

23 November 1911

"Africa": Unknown locality: Scott: BMNH: 1 [1 - 1 - 1].**Unknown Country:** Jala plains: ?: Collector Unknown: BMNH: 1 [1]; Scott: BMNH: 2 [2 - 3 - 3].

Total Specimens for 23 November 1911: 4

10 December 1911

South Africa: Hectorspruit: ?: Collector Unknown: TM: 3 [3 - 3 - 3].**Total Specimens for 10 December 1911: 3**

11 December 1911

Cameroon: Biteye: Bates, G.L.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 11 December 1911: 1**

13 December 1911

Congo (Democratic Republic of the): Aba: ?: Collector Unknown: TM: 1 [1]; Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 2 - 2].**Total Specimens for 13 December 1911: 2**

15 December 1911

Congo (Democratic Republic of the): Aba: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1 - 1].**Total Specimens for 15 December 1911: 1**

16 December 1911

Congo (Democratic Republic of the): Aba: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1 - 1].**Total Specimens for 16 December 1911: 1**

17 December 1911

Congo (Democratic Republic of the): Aba: Lang, Herbert and Chapin, James, P.: AMNH: 2 [2 - 2 - 2].**Total Specimens for 17 December 1911: 2**

18 December 1911

Congo (Democratic Republic of the): Aba: Chapin, James P. and Lang, Herbert: AMNH: 1 [1 - 1 - 1].**Total Specimens for 18 December 1911: 1**

20 December 1911

South Africa: Inkomati River: ?: Collector Unknown: TM: 4 [4]; Roberts, Austin: TM: 1 [1 - 5 - 5].**Total Specimens for 20 December 1911: 5**

27 December 1911

Kenya: Mazeras: Heller, Edmund: USNM: 2 [2 - 2 - 2].**Total Specimens for 27 December 1911: 2**

1 January 1912

Kenya: Taita: Rolle, Hermann: SMNS: 1 [1 - 1 - 1].**Total Specimens for 1 January 1912: 1**

19 January 1912

Ethiopia: Harrar [=Harar]: Kristensen, G. (coll.), Rotschild, Nathaniel Charles (pres): BMNH: 1 [1 - 1 - 1].**Total Specimens for 19 January 1912: 1**

9 February 1912

Malawi: Mlanje: Eton East African Research Committee, the and S.A._Neave: BMNH: 1 [1 - 1 - 1].**Total Specimens for 9 February 1912: 1**

16 February 1912

Cameroon: Bite: Bates, G.L. and Rosenberg, G.: RMCA: 1 [1 - 1 - 1].

Congo (Democratic Republic of the): Fundi: Christie, J. (dr.): RMCA: 1 [1 - 1 - 1].

Total Specimens for 16 February 1912: 2

24 February 1912

Cameroon: Bite: Bates, G.L.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 24 February 1912: 1

1 March 1912

Congo (Democratic Republic of the): Faradje: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1 - 1].

Total Specimens for 1 March 1912: 1

14 March 1912

Congo (Democratic Republic of the): Garamba Park: Chapin, James P. and Lang, Herbert: AMNH: 1 [1 - 1 - 1].

Total Specimens for 14 March 1912: 1

24 April 1912

Ghana: Bibianaha [=Bibiani]: Spurrell, H.G.F. (dr.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 24 April 1912: 1

16 May 1912

Algeria: Algerian Sahara, El Golea: Hartert, E. (Dr., coll), Lord Rothschild (pres): BMNH: 1 [1 - 1] - El Golea: Hartert, E. (Dr.): BMNH: 1 [1 - 1 - 2].

Total Specimens for 16 May 1912: 2

25 May 1912

Algeria: Sidi Okba: Streeter, D.D.: USNM: 5 [5 - 5 - 5].

Total Specimens for 25 May 1912: 5

5 June 1912

Cameroon: Bite: Bates, G.L.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 5 June 1912: 1

29 August 1912

South Africa: Pretoria: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 29 August 1912: 1

3 September 1912

Cameroon: Bite: Bates, G.L.: BMNH: 2 [2 - 2 - 2].

Total Specimens for 3 September 1912: 2

17 September 1912

Congo (Democratic Republic of the): Avakubi: Christie, J. (dr.): RMCA: 1 [1 - 1 - 1].

Total Specimens for 17 September 1912: 1

23 September 1912

Cameroon: Bite: Bates, G.L.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 23 September 1912: 1

29 September 1912

Congo (Democratic Republic of the): Faradje: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1 - 1].

Total Specimens for 29 September 1912: 1

24 October 1912

Congo (Democratic Republic of the): Faradje: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1 - 1].

Total Specimens for 24 October 1912: 1

30 October 1912

Congo (Democratic Republic of the): Avakubi: ?: Collector Unknown: BMNH: 1 [1 - 1 - 1].

Total Specimens for 30 October 1912: 1

11 November 1912

Congo (Democratic Republic of the): Faradje: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1 - 1].

Total Specimens for 11 November 1912: 1

14 November 1912

Nigeria: Kabwir: Fox, J.C. (Mr.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 14 November 1912: 1

23 November 1912

South Africa: Hectorspruit: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 23 November 1912: 1

4 December 1912

Congo (Democratic Republic of the): Makala: Christie, J. (dr.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 4 December 1912: 1

5 December 1912

Congo (Democratic Republic of the): Makala: Christie, J. (dr.): RMCA: 1 [1 - 1 - 1].

Total Specimens for 5 December 1912: 1

13 December 1912

Egypt: Gizeh: Phillips, John C.; Allen, Glover Morrill - [the Sudan Expedition]: AMNH: 1, FMNH: 1 [2 - 2 - 2].

Total Specimens for 13 December 1912: 2

16 December 1912

Congo (Democratic Republic of the): Pilipili: Christie, J. (dr.): RMCA: 1 [1 - 1 - 1].

Total Specimens for 16 December 1912: 1

31 December 1912

Kenya: Baringo, 30 mi NW: Lowe, Willoughby P.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 31 December 1912: 1

6 January 1913

Sudan: Bados: Allen, Glover Morrill: FMNH: 1 [1 - 1 - 1].

Total Specimens for 6 January 1913: 1

9 January 1913

Sudan: El Garef: Allen, Glover Morrill: FMNH: 1 [1 - 1 - 1].

Total Specimens for 9 January 1913: 1

19 January 1913

Sudan: Fazogli: Phillips, John C.; Allen, Glover Morrill - [the Sudan Expedition]: MCZ: 2 [2 - 2 - 2].

Total Specimens for 19 January 1913: 2

22 January 1913

Sudan: Aradeiba: Allen, G.M. (Phillips Sudan Expedition): MCZ: 3 [3 - 3 - 3].

Total Specimens for 22 January 1913: 3

27 March 1913

Congo (Democratic Republic of the): Niangara: Chapin, James P. and Lang, Herbert: AMNH: 1 [1 - 1 - 1].

Total Specimens for 27 March 1913: 1

19 April 1913

South Africa: Hectorspruit: Streeter, F.: TM: 1 [1 - 1 - 1].

Total Specimens for 19 April 1913: 1

2 June 1913

Congo (Democratic Republic of the): Niangara: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1 - 1].

Total Specimens for 2 June 1913: 1

3 July 1913

Congo (Democratic Republic of the): Paulis [=Isiro]: Chapin, James P. and Lang, Herbert: AMNH: 1 [1 - 1 - 1].

Total Specimens for 3 July 1913: 1

13 August 1913

Cameroon: Bitey: Bates, G.L.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 13 August 1913: 1

22 August 1913

Congo (Democratic Republic of the): Poko: Chapin, James P. and Lang, Herbert: AMNH: 1 [1 - 1 - 1].

Total Specimens for 22 August 1913: 1

15 October 1913

South Africa: Farm Hectorspruit: Streeter, J.: TM: 4 [4 - 4 - 4].

Total Specimens for 15 October 1913: 4

16 October 1913

South Africa: Farm Hectorspruit: Streeter, J.: TM: 1 [1 - 1 - 1].

Total Specimens for 16 October 1913: 1

17 October 1913

South Africa: Hectorspruit: Streeter, F.: TM: 1 [1 - 1 - 1].

Total Specimens for 17 October 1913: 1

1 November 1913

Algeria: road between Sétif and Annaba: ?: Collector Unknown: ZFMK: 2 [2 - 2 - 2].

Congo (Democratic Republic of the): Faradje: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1 - 1].
Zambia: Chilanga: Wood, Rodney C., Esq.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 1 November 1913: 4

9 November 1913

Kenya: Yala river: Turner, H.J.A.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 9 November 1913: 1

13 November 1913

Kenya: Yala river: Turner, H.J.A.: USNM: 1 [1 - 1 - 1].

Total Specimens for 13 November 1913: 1

16 November 1913

Kenya: Yala river: Gerard, E. (Dr.) and Turner, H.J.A. (?): BMNH: 1 [1 - 1 - 1].

Total Specimens for 16 November 1913: 1

17 November 1913

South Africa: Insusie Valley: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 17 November 1913: 1

18 November 1913

Kenya: Yala river: Turner, H.J.A.: USNM: 1 [1 - 1 - 1].

Total Specimens for 18 November 1913: 1

20 November 1913

Kenya: Yala river: Turner, H.J.A.: USNM: 1 [1 - 1 - 1].

Total Specimens for 20 November 1913: 1

23 November 1913

Kenya: Yala river: Gerard, E. (Dr.) and Turner, H.J.A. (?): BMNH: 1 [1 - 1 - 1].

Total Specimens for 23 November 1913: 1

24 November 1913

Cameroon: Bitey: Bates, G.L.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 24 November 1913: 1

1 December 1913

Kenya: Yala river: Gerard, E. (Dr.) and Turner, H.J.A. (?): BMNH: 1 [1 - 1 - 1].

Total Specimens for 1 December 1913: 1

13 December 1913

Sudan: Sennaar, 20 mi [=30 km] above: Lowe, Willoughby P.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 13 December 1913: 1

20 December 1913

Cameroon: Bitey: Bates, G.L.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 20 December 1913: 1

16 January 1914

South Africa: Pietersburg, farm near: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 16 January 1914: 1

24 January 1914

Congo (Democratic Republic of the): Avakubi: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1 - 1].**Total Specimens for 24 January 1914: 1**

27 January 1914

Congo (Democratic Republic of the): Niapu: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1 - 1].
Sudan: Fashoda, near: Lowe, Willoughby P.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 27 January 1914: 2**

3 February 1914

Sudan: Bahr-el-Zeraf, near mouth: Lowe, Willoughby P.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 3 February 1914: 1**

13 February 1914

Congo (Democratic Republic of the): Avakubi: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1 - 1].**Total Specimens for 13 February 1914: 1**

25 February 1914

Congo (Democratic Republic of the): Poko: Christie, J. (dr.): RMCA: 1 [1 - 1 - 1].**Total Specimens for 25 February 1914: 1**

26 February 1914

Congo (Democratic Republic of the): Avakubi: Chapin, James P. and Lang, Herbert: AMNH: 1 [1 - 1 - 1].**Total Specimens for 26 February 1914: 1**

11 March 1914

Congo (Democratic Republic of the): Yambatu: de Giorgi: RMCA: 1 [1 - 1 - 1].**Total Specimens for 11 March 1914: 1**

14 March 1914

Congo (Democratic Republic of the): Medje: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1 - 1].**Total Specimens for 14 March 1914: 1**

16 March 1914

Sudan: En Nabbaka: Wettstein, Otto von: NMW: 1 [1 - 1 - 1].**Total Specimens for 16 March 1914: 1**

20 March 1914

Sudan: Nuba Mountains, N edge: Wettstein, Otto von: NMW: 1 [1 - 1 - 1].**Total Specimens for 20 March 1914: 1**

5 April 1914

Sudan: Erkovit: Lynes, Hubert (Capt.): BMNH: 1 [1 - 1 - 1].**Total Specimens for 5 April 1914: 1**

8 April 1914

Cameroon: Bitye: Bates, G.L.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 8 April 1914: 1

11 April 1914

Egypt: Egypt: Lohr, Dr. R.: NMW: 1 [1 - 1 - 1].**Sudan:** Tonga: Wettstein, Otto von: BMNH: 1, NMW: 1 [2 - 2 - 2].**Total Specimens for 11 April 1914: 3**

2 June 1914

Congo (Democratic Republic of the): Beni: Bonnevie, Lt.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 2 June 1914: 1**

3 June 1914

South Africa: Baberton: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 3 June 1914: 1**

4 June 1914

Cameroon: Lolodorf: Good, A.I.: CM: 1 [1 - 1 - 1].**Total Specimens for 4 June 1914: 1**

20 June 1914

Kenya: Baringo, lake: Bayer: RMCA: 2 [2 - 2 - 2].**Total Specimens for 20 June 1914: 2**

17 July 1914

Congo (Democratic Republic of the): Poko: Christie, J. (dr.): RMCA: 1 [1 - 1 - 1].**Total Specimens for 17 July 1914: 1**

20 July 1914

Sierra Leone: Njala: Burtling (or Bunting), R.K. (or R.H.): BMNH: 1 [1 - 1 - 1].**Total Specimens for 20 July 1914: 1**

21 July 1914

Congo (Democratic Republic of the): Poko: Christie, J. (dr.): RMCA: 1 [1 - 1 - 1].**Total Specimens for 21 July 1914: 1**

2 August 1914

Congo (Democratic Republic of the): Poko: Christie, J. (dr.): RMCA: 1 [1 - 1 - 1].**Total Specimens for 2 August 1914: 1**

15 August 1914

Congo (Democratic Republic of the): Avakubi: Chapin, James P. and Lang, Herbert: RMCA: 1 [1 - 1 - 1].**Total Specimens for 15 August 1914: 1**

27 August 1914

Congo (Democratic Republic of the): Medje: Christy, D.C.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 27 August 1914: 1**

22 December 1914

Congo (Democratic Republic of the): Kinshasa, near Leopoldville: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1 - 1].

Total Specimens for 22 December 1914: 1

16 January 1915

South Africa: Griffin mine: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 16 January 1915: 1**

17 January 1915

South Africa: Leydsdorp: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 17 January 1915: 1**

25 January 1915

South Africa: Gravelotte Mine: ?: Collector Unknown: TM: 21 [21 - 21 - 21].**Total Specimens for 25 January 1915: 21**

26 January 1915

Congo (Democratic Republic of the): Boma: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1 - 1].**Total Specimens for 26 January 1915: 1**

29 January 1915

South Africa: Gravelotte Mine: ?: Collector Unknown: TM: 2 [2 - 2 - 2].**Total Specimens for 29 January 1915: 2**

5 March 1915

South Africa: Pretoria: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 5 March 1915: 1**

11 March 1915

South Africa: Pretoria: ?: Collector Unknown: TM: 1 [1]; Powell, W.: TM: 1 [1 - 2 - 2].**Total Specimens for 11 March 1915: 2**

13 March 1915

Sudan: Nile, upper: Shaw, A.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 13 March 1915: 1**

19 April 1915

South Africa: Farm Rooikrans [=Rooikranz] 538: Powell, W.: TM: 1 [1 - 1 - 1].**Total Specimens for 19 April 1915: 1**

21 April 1915

South Africa: Farm Rooikrans [=Rooikranz] 538: Powell, W.: TM: 1 [1 - 1 - 1].**Total Specimens for 21 April 1915: 1**

23 April 1915

South Africa: Farm Rooikrans [=Rooikranz] 538: Powell, W.: TM: 1 [1 - 1 - 1].**Total Specimens for 23 April 1915: 1**

25 April 1915

South Africa: Farm Rooikrans [=Rooikranz] 538: Powell, W.: TM: 2 [2 - 2 - 2].**Total Specimens for 25 April 1915: 2**

26 April 1915

South Africa: Farm Mooimijsiesfontein: ?: Collector Unknown: TM: 1 [1 - 1] - Farm Rooikrans [=Rooikranz] 538: Powell, W.: TM: 4 [4 - 4 - 5].

Total Specimens for 26 April 1915: 5

20 May 1915

South Africa: Farm Mooimijsiesfontein: ?: Collector Unknown: TM: 1 [1 - 1] - Steynsdorp: Roberts, Austin: TM: 1 [1 - 1 - 2].

Total Specimens for 20 May 1915: 2

24 May 1915

South Africa: Farm Mooimeisjesfontein 147JQ [=Mooimeisjesfontein, Mooimysjesfontein, Mooiymysjesfontein]: Powell, W.: TM: 1 [1 - 1 - 1].

Total Specimens for 24 May 1915: 1

25 May 1915

South Africa: Farm Mooimeisjesfontein 147JQ [=Mooimeisjesfontein, Mooimysjesfontein, Mooiymysjesfontein]: Powell, W.: TM: 1 [1 - 1 - 1].

Total Specimens for 25 May 1915: 1

26 May 1915

South Africa: Farm Mooimeisjesfontein 147JQ [=Mooimeisjesfontein, Mooimysjesfontein, Mooiymysjesfontein]: Powell, W.: TM: 6 [6 - 6] - Farm Mooimijsiesfontein: ?: Collector Unknown: TM: 2 [2 - 2 - 8].

Total Specimens for 26 May 1915: 8

27 May 1915

South Africa: Farm Mooimeisjesfontein 147JQ [=Mooimeisjesfontein, Mooimysjesfontein, Mooiymysjesfontein]: Powell, W.: TM: 1 [1 - 1] - Farm Mooimijsiesfontein: ?: Collector Unknown: TM: 1 [1 - 1 - 2].

Total Specimens for 27 May 1915: 2

28 May 1915

South Africa: Farm Mooimeisjesfontein 147JQ [=Mooimeisjesfontein, Mooimysjesfontein, Mooiymysjesfontein]: Powell, W.: TM: 6 [6 - 6] - Farm Mooimijsiesfontein: ?: Collector Unknown: TM: 1 [1 - 1] - Mooimeisjesfontein: Powell, W.: TM: 1 [1 - 1 - 8].

Total Specimens for 28 May 1915: 8

29 May 1915

South Africa: Farm Mooimeisjesfontein 147JQ [=Mooimeisjesfontein, Mooimysjesfontein, Mooiymysjesfontein]: Powell, W.: TM: 1 [1 - 1] - Farm Mooimijsiesfontein: ?: Collector Unknown: TM: 2 [2 - 2 - 3].

Total Specimens for 29 May 1915: 3

1 June 1915

South Africa: Malensons Shingwidzi Game Reserve: Streeter, F.: TM: 1 [1 - 1 - 1].

Total Specimens for 1 June 1915: 1

16 June 1915

Somalia: Burao: Brockman, D.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 16 June 1915: 1

25 June 1915

South Africa: Farm Mooimeisjesfontein 147JQ [=Mooimeisjesfontein, Mooimysjesfontein, Mooiymysjesfontein]: Powell, W.: TM: 1 [1 - 1 - 1].

Total Specimens for 25 June 1915: 1

8 July 1915

Congo (Democratic Republic of the): Malela: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1 - 1].

Total Specimens for 8 July 1915: 1

19 July 1915

South Africa: Farm Fairfield 306: Powell, W.: TM: 1 [1 - 1 - 1].

Total Specimens for 19 July 1915: 1

21 July 1915

Mozambique: Mazambo: ?: Collector Unknown: TM: 1 [1 - 1] - Mzambo: ?: Collector Unknown: TM: 1 [1 - 1 - 2].

Total Specimens for 21 July 1915: 2

29 July 1915

South Africa: Farm Fairfield 306: Powell, W.: TM: 1 [1 - 1 - 1].

Total Specimens for 29 July 1915: 1

3 August 1915

Mozambique: Guya: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 3 August 1915: 1

5 October 1915

Kenya: Yale River: Turner, A.: NMK: 2 [2 - 2 - 2].

Total Specimens for 5 October 1915: 2

20 October 1915

Kenya: Yale River: Turner, A.: NMK: 3 [3 - 3 - 3].

Total Specimens for 20 October 1915: 3

8 November 1915

Kenya: Yala river: Allen, H.J. and Turner, H.J.A. (?): RMCA: 1 [1 - 1 - 1].

Total Specimens for 8 November 1915: 1

9 November 1915

Kenya: Yala river: Turner, A.: NRM: 1 [1 - 1 - 1].

Total Specimens for 9 November 1915: 1

10 November 1915

Kenya: Yala river: Allen, H.J. and Turner, H.J.A. (?): RMCA: 1 [1]; Turner, A.: NRM: 3 [3 - 4 - 4].

Total Specimens for 10 November 1915: 4

11 November 1915

Kenya: Yala river: Turner, A.: NRM: 1 [1 - 1 - 1].

Total Specimens for 11 November 1915: 1

12 November 1915

Kenya: Yala river: Turner, A.: NRM: 1 [1 - 1 - 1].

Total Specimens for 12 November 1915: 1

13 November 1915

Kenya: Yala river: Turner, A.: NRM: 4 [4 - 4 - 4].

Total Specimens for 13 November 1915: 4

19 November 1915

Kenya: Yala river: Turner, A.: NRM: 2 [2 - 2 - 2].

Total Specimens for 19 November 1915: 2

30 November 1915

Kenya: Yala river: Turner, A.: NRM: 1 [1 - 1 - 1].

Total Specimens for 30 November 1915: 1

1 December 1915

Madagascar: Tananarive: ?: Collector Unknown: MCZ: 1 [1 - 1 - 1].

Total Specimens for 1 December 1915: 1

5 December 1915

Kenya: Yala river: Allen, H.J. and Turner, H.J.A. (?): NRM: 1 [1 - 1 - 1].

Total Specimens for 5 December 1915: 1

26 March 1916

South Africa: Buffelsdraai: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 26 March 1916: 1

3 April 1916

South Africa: Farm Rietfontein: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 3 April 1916: 1

23 May 1916

Swaziland: Piggs Peak: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 23 May 1916: 2

29 May 1916

Swaziland: Wyldestdale: ?: Collector Unknown: TM: 2 [2]; Roberts, Austin: TM: 3 [3 - 5] - Wyldestdale, in old mine drive:
Roberts, Austin: TM: 2 [2 - 2 - 2].

Total Specimens for 29 May 1916: 7

31 May 1916

South Africa: Horo: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 31 May 1916: 1

1 June 1916

Malawi: Chiromo: Wood, Rodney C., Esq.: BMNH: 2 [2 - 2 - 2].

Total Specimens for 1 June 1916: 2

7 June 1916

Malawi: Chiromo: Wood, Rodney C., Esq.: BMNH: 1 [1 - 1 - 1].

South Africa: Cinnabar mine: Roberts, Austin: TM: 5 [5 - 5 - 5].

Total Specimens for 7 June 1916: 6

8 June 1916

Malawi: Chiromo: Wood, Rodney C., Esq.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 8 June 1916: 1

9 June 1916

South Africa: Buffalo mine: Roberts, Austin: TM: 1 [1 - 1 - 1].

Total Specimens for 9 June 1916: 1

17 June 1916

Malawi: Chiromo: Wood, Rodney C., Esq.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 17 June 1916: 1

19 July 1916

Malawi: Chiromo: Wood, Rodney C., Esq.: BMNH: 2 [2 - 2 - 2].

Total Specimens for 19 July 1916: 2

23 July 1916

Malawi: Chiromo: Wood, Rodney C., Esq.: BMNH: 1, KU: 1 [2 - 2 - 2].

Total Specimens for 23 July 1916: 2

2 August 1916

South Africa: Mooivlei: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 2 August 1916: 1

15 August 1916

South Africa: Mooivlei: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 15 August 1916: 1

2 October 1916

Malawi: Chiromo: Wood, Rodney C., Esq.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 2 October 1916: 1

18 December 1916

Malawi: Chiromo: Wood, Rodney C., Esq.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 18 December 1916: 1

20 January 1917

Tanzania: Myai: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 20 January 1917: 1

2 February 1917

South Africa: Bleskop: van Dam, G.P.: TM: 1 [1 - 1 - 1].

Total Specimens for 2 February 1917: 1

8 February 1917

Tanzania: Dar-es-Salaam: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 8 February 1917: 1

11 February 1917

South Africa: Leydsdorp: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 11 February 1917: 1

25 March 1917

South Africa: Venterskroon: Roberts, Austin: TM: 2 [2 - 2 - 2].**Total Specimens for 25 March 1917: 2**

30 March 1917

South Africa: Venterskroon: ?: Collector Unknown: TM: 10 [10]; Roberts, Austin: TM: 4 [4 - 14 - 14].**Total Specimens for 30 March 1917: 14**

3 April 1917

Tanzania: Morogoro: Loveridge, Arthur: BMNH: 1 [1 - 1 - 1].**Total Specimens for 3 April 1917: 1**

5 June 1917

South Africa: Fountains: ?: Collector Unknown: TM: 3 [3 - 3] - Fountains Valley: ?: Collector Unknown: TM: 1 [1 - 1 - 4].**Total Specimens for 5 June 1917: 4**

6 June 1917

South Africa: Irene: ?: Collector Unknown: TM: 4 [4 - 4 - 4].**Total Specimens for 6 June 1917: 4**

9 June 1917

South Africa: Farm Baviaanspoort: ?: Collector Unknown: TM: 7 [7 - 7] - Farm Baviaanspoort 330: Roberts, Austin: TM: 5 [5 - 5 - 12].**Total Specimens for 9 June 1917: 12**

14 June 1917

South Africa: Pretoria: Roberts, Austin: TM: 1 [1 - 1] - Schurweberg: ?: Collector Unknown: TM: 5 [5 - 5] - Wolvegatten: ?: Collector Unknown: TM: 1 [1 - 1 - 7].**Total Specimens for 14 June 1917: 7**

20 June 1917

Gabon: Omboue: Aschemeier, C.R.: USNM: 1 [1 - 1 - 1].**Total Specimens for 20 June 1917: 1**

29 June 1917

South Africa: Wonderboom cave: Roberts, Austin: TM: 2 [2 - 2 - 2].**Total Specimens for 29 June 1917: 2**

24 July 1917

South Africa: Tweespruit: ?: Collector Unknown: TM: 5 [5 - 5 - 5].**Total Specimens for 24 July 1917: 5**

7 August 1917

Gabon: Omboue: Aschemeier, C.R.: USNM: 1 [1 - 1 - 1].**Total Specimens for 7 August 1917: 1**

1 September 1917

South Africa: Farm Baviaanspoort: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 1 September 1917: 1

15 September 1917

Tanzania: Morogoro: Loveridge, Arthur: BMNH: 1 [1 - 1 - 1].**Total Specimens for 15 September 1917: 1**

16 September 1917

South Africa: Lormarins: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 16 September 1917: 1**

29 September 1917

South Africa: Klaver: ?: Collector Unknown: TM: 1 [1]; Roberts, Austin and Adendorff: TM: 1 [1 - 2 - 2].**Total Specimens for 29 September 1917: 2**

30 September 1917

South Africa: Klaver: ?: Collector Unknown: TM: 1 [1]; Roberts, Austin and Adendorff: TM: 1 [1 - 2 - 2].**Total Specimens for 30 September 1917: 2**

1 October 1917

South Africa: Klaver: Roberts, Austin and Adendorff: TM: 1 [1 - 1 - 1].**Total Specimens for 1 October 1917: 1**

4 October 1917

South Africa: Klaver: ?: Collector Unknown: TM: 3 [3 - 3 - 3].**Total Specimens for 4 October 1917: 3**

10 October 1917

South Africa: Klaver: Roberts, Austin and Adendorff: TM: 1 [1 - 1 - 1].**Total Specimens for 10 October 1917: 1**

25 October 1917

Gabon: Fernan Vaz: Aschemeier, C.R.: USNM: 1 [1 - 1 - 1].**Total Specimens for 25 October 1917: 1**

4 November 1917

South Africa: Klaver: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 4 November 1917: 1**

21 November 1917

South Africa: Berg River: ?: Collector Unknown: TM: 4 [4 - 4] - Farm Kersefontein [=Berg River]: ?: Collector Unknown: TM: 1 [1 - 1 - 5].**Total Specimens for 21 November 1917: 5**

13 February 1918

Tanzania: Morogoro: Loveridge, Arthur: USNM: 4 [4 - 4 - 4].**Total Specimens for 13 February 1918: 4**

24 March 1918

Sudan: Kongir: Hamilton, J.S. (Maj.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 24 March 1918: 1

25 March 1918

Sudan: Kongir: Hamilton, J.S. (Maj.): BMNH: 3, KM: 2 [5 - 5 - 5].**Total Specimens for 25 March 1918: 5**

28 March 1918

Sudan: Bor, 40 mi N: Hamilton, J.S. (Maj.): BMNH: 1 [1 - 1 - 1].**Total Specimens for 28 March 1918: 1**

12 April 1918

Sudan: Duk Fagul: Hamilton, W.: USNM: 1 [1 - 1 - 1].**Total Specimens for 12 April 1918: 1**

7 May 1918

Malawi: Chiromo: Wood, Rodney C., Esq.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 7 May 1918: 1**

20 May 1918

Kenya: Mombassa: Loveridge, Arthur and Swaythling: BMNH: 1 [1 - 1 - 1].**Total Specimens for 20 May 1918: 1**

6 June 1918

Tanzania: Dar es Salaam: Pommeroy: RMCA: 2 [2 - 2 - 2].**Total Specimens for 6 June 1918: 2**

13 June 1918

Sudan: Mongalla: Wellcome Research Laboratories: BMNH: 1 [1 - 1 - 1].**Total Specimens for 13 June 1918: 1**

20 July 1918

Mozambique: Lumbo: Loveridge, Arthur: BMNH: 1 [1 - 1 - 1].**Total Specimens for 20 July 1918: 1**

12 October 1918

Namibia: Namutoni: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 12 October 1918: 1**

9 December 1918

Tanzania: Tabora: Loveridge, Arthur: BMNH: 1 [1 - 1 - 1].**Total Specimens for 9 December 1918: 1**

20 January 1919

Tanzania: Dar es Salaam: Loveridge, Arthur: BMNH: 2 [2 - 2 - 2].**Total Specimens for 20 January 1919: 2**

6 February 1919

South Africa: Shingwidzi Game Reserve, rest camp: Streeter, F.: TM: 1 [1 - 1 - 1].**Total Specimens for 6 February 1919: 1**

14 February 1919

Zambia: Ndola: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 14 February 1919: 1

30 March 1919

South Africa: Venterskroon: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 30 March 1919: 2

31 March 1919

South Africa: Garsfontein: Roberts, Austin: TM: 1 [1 - 1 - 1].

Total Specimens for 31 March 1919: 1

2 April 1919

Namibia: Namutoni: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 2 April 1919: 1

22 April 1919

Zambia: Ndola: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 22 April 1919: 1

29 April 1919

Zambia: Ndola: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 29 April 1919: 1

18 June 1919

Zambia: Ndola: Shortridge, Guy C. (Capt.): TM: 1 [1 - 1 - 1].

Total Specimens for 18 June 1919: 1

26 July 1919

Equatorial Guinea: San Fernando cave: de la Escalera, D. Manuel: MNCN: 2 [2 - 2 - 2].

Total Specimens for 26 July 1919: 2

3 August 1919

Malawi: Chiromo: Wood, Rodney C., Esq.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 3 August 1919: 1

6 September 1919

South Africa: Pretoria: Roberts, Austin: TM: 2 [2 - 2 - 2].

Total Specimens for 6 September 1919: 2

8 September 1919

Tanzania: Kisarawe: Cozens, G.P. and Swinny, H.H.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 8 September 1919: 1

20 October 1919

South Africa: Ottershoop: Raven, H.C.: USNM: 1 [1 - 1 - 1].

Total Specimens for 20 October 1919: 1

17 December 1919

South Africa: Potgietersrus: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 17 December 1919: 1

23 December 1919

Nigeria: Farniso: Buchanan, Angus: BMNH: 1 [1 - 1 - 1].

Total Specimens for 23 December 1919: 1

26 December 1919

Nigeria: Lagos: Lowe, Willoughby P.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 26 December 1919: 1

31 December 1919

South Africa: Garsfontein: ?: Collector Unknown: TM: 32 [32]; Roberts, Austin: TM: 1 [1 - **33** - 33].

Total Specimens for 31 December 1919: 33

7 January 1920

Nigeria: Lagos: Lowe, Willoughby P.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 7 January 1920: 1

30 January 1920

Niger: Zinder: Buchanan, Angus: BMNH: 1 [1]; Buchanan, Angus and Rothschild, Nathaniel Charles: BMNH: 2 [2 - **3** - 3].

Total Specimens for 30 January 1920: 3

16 February 1920

South Africa: Garsfontein: ?: Collector Unknown: TM: 7 [7 - **7** - 7].

Total Specimens for 16 February 1920: 7

21 February 1920

Algeria: Djamaa: Jordan, Karl (dr.): MNHN: 1 [1 - 1 - 1].

Total Specimens for 21 February 1920: 1

25 February 1920

Algeria: Djamaa: Jordan, Karl (dr.): MNHN: 1 [1 - 1 - 1].

Total Specimens for 25 February 1920: 1

14 March 1920

South Africa: Louw's creek: Roberts, Austin: TM: 1 [1 - 1 - 1].

Total Specimens for 14 March 1920: 1

19 March 1920

South Africa: Baberton: ?: Collector Unknown: TM: 3 [3 - **3** - 3].

Total Specimens for 19 March 1920: 3

20 March 1920

South Africa: Baberton: ?: Collector Unknown: TM: 2 [2 - **2**] - Malelane: ?: Collector Unknown: TM: 1 [1 - 1] - Potgietersrus: ?:
Collector Unknown: TM: 1 [1 - 1 - 4].

Total Specimens for 20 March 1920: 4

23 March 1920

South Africa: Baberton: ?: Collector Unknown: TM: 2 [2 - **2** - 2].

Total Specimens for 23 March 1920: 2

26 March 1920

South Africa: Louw's Creek: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 26 March 1920: 1**

28 March 1920

South Africa: Louw's [=Lowes] Creek: Roberts, Austin: TM: 1 [1 - 1] - Louw's [=Lowes] Creek, Imperial mine: Roberts, Austin: TM: 5 [5 - 5] - Louw's Creek: ?: Collector Unknown: TM: 12 [12 - 12] - Louw's Creek, Imperial Mine: ?: Collector Unknown: TM: 4 [4 - 4 - 22].**Total Specimens for 28 March 1920: 22**

29 March 1920

South Africa: Louw's Creek: ?: Collector Unknown: TM: 2 [2 - 2 - 2].**Total Specimens for 29 March 1920: 2**

30 March 1920

South Africa: Malelane: ?: Collector Unknown: TM: 12 [12 - 12] - Malelane Estate: Roberts, Austin: TM: 1 [1 - 1 - 13].**Total Specimens for 30 March 1920: 13**

3 May 1920

South Africa: Birthday Goldmine: Streeter, J.: TM: 1 [1 - 1 - 1].**Total Specimens for 3 May 1920: 1**

10 May 1920

Tanzania: Kilosa: Loveridge, Arthur: KM: 2 [2 - 2 - 2].**Total Specimens for 10 May 1920: 2**

27 May 1920

South Africa: Nelspruit: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 27 May 1920: 1**

17 July 1920

South Africa: Farm Duiwelskloof 376 [=Mokeetsij]: Streeter, F.: TM: 1 [1 - 1 - 1].**Total Specimens for 17 July 1920: 1**

25 July 1920

Congo (Democratic Republic of the): Banana: Schouteden, H.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 25 July 1920: 1**

2 August 1920

Ethiopia: Addis Ababa: Brown, Barnum: AMNH: 1 [1 - 1 - 1].**Total Specimens for 2 August 1920: 1**

18 August 1920

Congo (Democratic Republic of the): Moanda: Schouteden, H.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 18 August 1920: 1**

19 August 1920

Congo (Democratic Republic of the): Moanda: Schouteden, H.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 19 August 1920: 1

21 August 1920

Congo (Democratic Republic of the): Moanda: Schouteden, H.: RMCA: 2 [2 - 2 - 2].

Total Specimens for 21 August 1920: 2

26 August 1920

Congo (Democratic Republic of the): Banana: Schouteden, H.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 26 August 1920: 1

20 September 1920

Ethiopia: Dire Dawa: Brown, Barnum: AMNH: 1 [1 - 1 - 1].

Total Specimens for 20 September 1920: 1

23 November 1920

Egypt: Gizeh: Gizya, E.Z.S.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 23 November 1920: 1

30 November 1920

South Africa: Malelane: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 30 November 1920: 1

11 December 1920

Congo (Democratic Republic of the): Kisantu: Schouteden, H.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 11 December 1920: 1

15 December 1920

Congo (Democratic Republic of the): Kisantu: Schouteden, H.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 15 December 1920: 1

27 December 1920

Congo (Democratic Republic of the): Kisantu: Schouteden, H.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 27 December 1920: 1

24 January 1921

Congo (Democratic Republic of the): Eala: Schouteden, H.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 24 January 1921: 1

4 February 1921

Niger: Niger: Milet-Horsin, M.: MNHN: 1 [1 - 1 - 1].

Total Specimens for 4 February 1921: 1

24 February 1921

Congo: Tondou: Schouteden, H.: RMCA: 6 [6 - 6 - 6].

Total Specimens for 24 February 1921: 6

27 February 1921

Congo (Democratic Republic of the): Bikoro: Schouteden, H.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 27 February 1921: 1

5 April 1921

Sudan: Jebel Marra, S foothills: Lynes, Hubert (Capt.) and Lowe, Willoughby P.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 5 April 1921: 1

16 April 1921

South Africa: Knysna: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 16 April 1921: 1

21 April 1921

Sudan: Mongalla: Shaw, A.: BMNH: 2 [2 - 2 - 2].

Total Specimens for 21 April 1921: 2

1 May 1921

South Africa: Farm Mokeetsi 376: ?: Collector Unknown: TM: 2 [2 - 2] - Pietersburg: ?: Collector Unknown: TM: 2 [2 - 2 - 4].

Total Specimens for 1 May 1921: 4

12 May 1921

Congo (Democratic Republic of the): Moera: Gyldenstolpe, N.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 12 May 1921: 1

20 May 1921

Cameroon: Bitey: Bates, G.L.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 20 May 1921: 1

28 May 1921

Sudan: Zalingei: Lowe, Willoughby P.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 28 May 1921: 1

29 May 1921

Cameroon: Bitey: Bates, G.L.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 29 May 1921: 1

30 May 1921

Sudan: Zalingei: Lowe, Willoughby P.: BMNH: 1 [1]; Lynes, Hubert (Capt.) and Lowe, Willoughby P.: BMNH: 1 [1 - 2 - 2].

Total Specimens for 30 May 1921: 2

31 May 1921

Sudan: Zalingei: Lowe, Willoughby P.: BMNH: 1 [1]; Lynes, Hubert (Capt.) and Lowe, Willoughby P.: BMNH: 1 [1 - 2 - 2].

Total Specimens for 31 May 1921: 2

17 June 1921

Congo (Democratic Republic of the): Kwamouth: Schouteden, H.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 17 June 1921: 1

19 July 1921

Congo (Democratic Republic of the): Basongo: Schouteden, H.: RMCA: 2 [2 - 2 - 2].

Total Specimens for 19 July 1921: 2

23 July 1921

South Africa: Rosslyn: van Dam, G.P.: TM: 1 [1 - 1 - 1].

Total Specimens for 23 July 1921: 1

9 August 1921

South Africa: Farm Baviaanspoort 330: Roberts, Austin: TM: 1 [1 - 1 - 1].

Total Specimens for 9 August 1921: 1

21 August 1921

Congo (Democratic Republic of the): Luebo: Schouteden, H.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 21 August 1921: 1

10 September 1921

Congo (Democratic Republic of the): Luebo: Schouteden, H.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 10 September 1921: 1

16 September 1921

South Africa: Farm Duiwelskloof 376 [=Mokeetsi]: Streeter, F.: TM: 4 [4 - 4 - 4].

Total Specimens for 16 September 1921: 4

29 September 1921

Congo (Democratic Republic of the): Macaco: Schouteden, H.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 29 September 1921: 1

20 October 1921

South Africa: New Mucelneuck: Roberts, Austin: TM: 1 [1 - 1 - 1].

Total Specimens for 20 October 1921: 1

31 October 1921

Central African Republic: Ouham area: Baudon, A.: MNHN: 1 [1 - 1 - 1].

Total Specimens for 31 October 1921: 1

1 November 1921

South Africa: Garsfontein: ?: Collector Unknown: TM: 10 [10 - 10 - 10].

Total Specimens for 1 November 1921: 10

9 November 1921

Congo (Democratic Republic of the): Ngombe: Schouteden, H.: RMCA: 4 [4 - 4 - 4].

Total Specimens for 9 November 1921: 4

12 November 1921

Congo (Democratic Republic of the): Ngombe: Schouteden, H.: RMCA: 2 [2 - 2 - 2].

Total Specimens for 12 November 1921: 2

16 November 1921

Congo (Democratic Republic of the): Tshikapa: Schouteden, H.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 16 November 1921: 1

24 November 1921

Congo (Democratic Republic of the): Tshikapa: Schouteden, H.: RMCA: 1 [1 - 1 - 1].

South Africa: Farm Uitkomst: ?: Collector Unknown: TM: 4 [4 - 4] - John Nash Nature Reserve [=Jack Scott Private Nature Reserve], American cave: Hoepen, V. (Dr.): TM: 1 [1]; van Hoepen (Dr.): TM: 2 [2 - 3 - 7].

Total Specimens for 24 November 1921: 8

25 November 1921

South Africa: Pretoria North: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 25 November 1921: 1

28 November 1921

Congo (Democratic Republic of the): Tshikapa: Schouteden, H.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 28 November 1921: 1

3 December 1921

Cameroon: Bitey: Bates, G.L.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 3 December 1921: 1

11 December 1921

South Africa: Brooklyn: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 11 December 1921: 2

16 December 1921

Congo (Democratic Republic of the): Luebo: Schouteden, H.: RMCA: 4 [4 - 4 - 4].

Total Specimens for 16 December 1921: 4

17 December 1921

Congo (Democratic Republic of the): Luebo: Schouteden, H.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 17 December 1921: 1

19 December 1921

Congo (Democratic Republic of the): Luebo: Schouteden, H.: RMCA: 5 [5 - 5 - 5].

Total Specimens for 19 December 1921: 5

25 December 1921

Congo (Democratic Republic of the): Lusambo: Ghesquière, J.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 25 December 1921: 1

3 January 1922

South Africa: Groenkloof: Roberts, Austin: TM: 4 [4 - 4 - 4].

Total Specimens for 3 January 1922: 4

6 January 1922

South Africa: Farm Mokeetsi 376: ?: Collector Unknown: TM: 1 [1 - 1] - Soutpansberg: ?: Collector Unknown: TM: 1 [1 - 1 - 2].

Total Specimens for 6 January 1922: 2

20 January 1922

South Africa: Kastrol Nek: Roberts, Austin: TM: 3 [3 - 3 - 3].

Total Specimens for 20 January 1922: 3

24 January 1922

Tanzania: Tindiga: Loveridge, Arthur: BMNH: 1 [1 - 1 - 1].

Total Specimens for 24 January 1922: 1

6 February 1922

Cameroon: Bitey: Bates, G.L.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 6 February 1922: 1

17 February 1922

Congo (Democratic Republic of the): Kidada: Schouteden, H.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 17 February 1922: 1

18 February 1922

Cameroon: Bitey: Bates, G.L. and Rosenberg, G.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 18 February 1922: 1

19 February 1922

Congo (Democratic Republic of the): Luluabourg [=Kananga]: Callewaert, P.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 19 February 1922: 1

4 March 1922

Cameroon: Bitey: Wernham, J. or G.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 4 March 1922: 1

8 March 1922

Congo (Democratic Republic of the): Temvo: Schouteden, H.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 8 March 1922: 1

12 March 1922

South Africa: Brooklyn: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 12 March 1922: 1

22 March 1922

Cameroon: Bitey: Bates, G.L.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 22 March 1922: 1

26 March 1922

South Africa: King Williamstown: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1 - 1].

Total Specimens for 26 March 1922: 1

28 March 1922

Cameroon: Bitey: Bates, G.L.: BMNH: 1 [1 - 1 - 1].

South Africa: Moketsi: Streeter, F.: TM: 1 [1 - 1 - 1].

Total Specimens for 28 March 1922: 2

5 April 1922

Congo (Democratic Republic of the): Luluabourg [=Kananga]: Callewaert, P.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 5 April 1922: 1

10 April 1922

Cameroon: Bitey: Wernham, J. or G.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 10 April 1922: 1

13 April 1922

Congo (Democratic Republic of the): Luluabourg [=Kananga]: Callewaert, P.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 13 April 1922: 1**

15 April 1922

Congo (Democratic Republic of the): Luluabourg [=Kananga]: Callewaert, P.: RMCA: 3 [3 - 3 - 3].**Total Specimens for 15 April 1922: 3**

16 April 1922

Congo (Democratic Republic of the): Luluabourg [=Kananga]: Callewaert, P.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 16 April 1922: 1**

26 April 1922

South Africa: Koster Cave: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 26 April 1922: 1**

6 May 1922

Congo (Democratic Republic of the): Luluabourg [=Kananga]: Callewaert, P.: RMCA: 1 [1 - 1 - 1].**South Africa:** Farm Mokeetsi 376: ?: Collector Unknown: TM: 1 [1 - 1] - Mokeetsi: ?: Collector Unknown: TM: 1 [1 - 1 - 2].**Total Specimens for 6 May 1922: 3**

8 May 1922

South Africa: Mokeetsi: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 8 May 1922: 1**

11 May 1922

Congo (Democratic Republic of the): Luluabourg [=Kananga]: Callewaert, P.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 11 May 1922: 1**

15 May 1922

Congo (Democratic Republic of the): Luluabourg [=Kananga]: Callewaert, P.: RMCA: 2 [2 - 2 - 2].**Total Specimens for 15 May 1922: 2**

22 May 1922

Congo (Democratic Republic of the): Luluabourg [=Kananga]: Callewaert, P.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 22 May 1922: 1**

28 May 1922

Congo (Democratic Republic of the): Luluabourg [=Kananga]: Callewaert, P.: BMNH: 1, RMCA: 2 [3 - 3 - 3].**Total Specimens for 28 May 1922: 3**

4 June 1922

Ethiopia: Bahr der Giorgis: Mitchell, J.P.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 4 June 1922: 1**

7 June 1922

Congo (Democratic Republic of the): Luluabourg [=Kananga]: Callewaert, P.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 7 June 1922: 1**

11 June 1922

Congo (Democratic Republic of the): Luluabourg [=Kananga]: Callewaert, P.: RMCA: 4 [4 - 4 - 4].

Total Specimens for 11 June 1922: 4

16 June 1922

South Africa: Ntambanana: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 16 June 1922: 1

18 June 1922

South Africa: Umfolozi Game Reserve: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 18 June 1922: 1

19 June 1922

Congo (Democratic Republic of the): Luluabourg [=Kananga]: Callewaert, P.: RMCA: 1 [1 - 1 - 1].

South Africa: Umfolozi Game Reserve: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 19 June 1922: 2

20 June 1922

South Africa: Umfolozi Game Reserve: Roberts, Austin: TM: 2 [2 - 2 - 2].

Total Specimens for 20 June 1922: 2

26 June 1922

Congo (Democratic Republic of the): Luluabourg [=Kananga]: Callewaert, P.: RMCA: 2 [2 - 2 - 2].

Total Specimens for 26 June 1922: 2

28 June 1922

South Africa: Umfolozi Game Reserve: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 28 June 1922: 1

4 July 1922

Congo (Democratic Republic of the): Luluabourg [=Kananga]: Callewaert, P.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 4 July 1922: 1

17 July 1922

Congo (Democratic Republic of the): Luluabourg [=Kananga]: Callewaert, P.: RMCA: 3 [3 - 3 - 3].

South Africa: Umfolozi River: ?: Collector Unknown: TM: 1 [1 - 1] - White Umfolosi River: ?: Collector Unknown: TM: 1 [1 - 1 - 2].

Total Specimens for 17 July 1922: 5

27 July 1922

Niger: Tebeig Asben: Buchanan, Angus: BMNH: 1 [1 - 1 - 1].

Total Specimens for 27 July 1922: 1

15 August 1922

Congo (Democratic Republic of the): Boma: de Rodhain, J.: RMCA: 2 [2 - 2 - 2].

Total Specimens for 15 August 1922: 2

19 September 1922

South Africa: Umfolozi Nature Reserve: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 19 September 1922: 1

3 October 1922

Tanzania: Ikungi: Loveridge, Arthur: BMNH: 1 [1 - 1] - Suna: Loveridge, Arthur: BMNH: 1 [1 - 1 - 2].**Total Specimens for 3 October 1922: 2**

17 October 1922

Namibia: Quickborn: Bradfield, R.D.: TM: 1 [1 - 1 - 1].**Total Specimens for 17 October 1922: 1**

18 October 1922

South Africa: Barberton [=Umhlumna]: van Dam, G.P.: TM: 1 [1 - 1 - 1].**Total Specimens for 18 October 1922: 1**

1 November 1922

Namibia: Quickborn: Bradfield, R.D.: TM: 1 [1 - 1 - 1].**Total Specimens for 1 November 1922: 1**

4 November 1922

Tanzania: Sagaya: Loveridge, Arthur: BMNH: 5 [5 - 5 - 5].**Total Specimens for 4 November 1922: 5**

26 November 1922

Congo (Democratic Republic of the): Luluabourg [=Kananga]: ?: Collector Unknown: MNHN: 2 [2 - 2 - 2].**Total Specimens for 26 November 1922: 2**

6 January 1923

Ethiopia: Torat: ?: Collector Unknown: MSNM: 2 [2 - 2 - 2].**Total Specimens for 6 January 1923: 2**

4 February 1923

South Africa: Greytown: Bell, H.W. and Karley: TM: 1 [1 - 1 - 1].**Total Specimens for 4 February 1923: 1**

6 February 1923

Ethiopia: Torat: ?: Collector Unknown: MSNM: 1 [1 - 1 - 1].**Total Specimens for 6 February 1923: 1**

19 February 1923

Congo (Democratic Republic of the): Luluabourg [=Kananga]: Callewaert, P.: RMCA: 3 [3 - 3 - 3].**Total Specimens for 19 February 1923: 3**

23 February 1923

Cameroon: Bitey: Wernham, J. or G.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 23 February 1923: 1**

15 March 1923

Congo (Democratic Republic of the): Luluabourg [=Kananga]: Callewaert, P.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 15 March 1923: 1**

31 March 1923

Namibia: Quickborn: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 31 March 1923: 1

4 May 1923

Tanzania: Kilosa: Loveridge, Arthur: BMNH: 1, USNM: 1 [2 - 2 - 2].

Total Specimens for 4 May 1923: 2

8 May 1923

Tanzania: Kilosa: Loveridge, Arthur: BMNH: 1 [1 - 1 - 1].

Total Specimens for 8 May 1923: 1

10 May 1923

Tanzania: Kilosa: Loveridge, Arthur: BMNH: 3 [3 - 3 - 3].

Total Specimens for 10 May 1923: 3

19 June 1923

Congo (Democratic Republic of the): Luluabourg [=Kananga]: Callewaert, P.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 19 June 1923: 1

27 June 1923

Congo (Democratic Republic of the): Luluabourg [=Kananga]: Callewaert, P.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 27 June 1923: 1

2 October 1923

Egypt: Seila: Flower, S.S. (Maj.) - [the Giza Zoological Museum]: BMNH: 8 [8 - 8 - 8].

Total Specimens for 2 October 1923: 8

19 October 1923

Congo (Democratic Republic of the): Luluabourg [=Kananga]: Callewaert, P.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 19 October 1923: 1

29 October 1923

Namibia: Karibib: Shortridge, Guy C. (Capt.): KM: 1 [1]; Shortridge, Guy C. (Capt.) and Sladen, Percy: BMNH: 2 [2 - 3 - 3].

Total Specimens for 29 October 1923: 3

7 November 1923

Tanzania: Gulwe Station: Loveridge, Arthur: BMNH: 1 [1 - 1 - 1].

Total Specimens for 7 November 1923: 1

9 November 1923

Namibia: Karibib: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1 - 1].

Total Specimens for 9 November 1923: 1

14 November 1923

Namibia: Windhoek: Shortridge, Guy C. (Capt.) and Sladen, Percy: BMNH: 1 [1 - 1 - 1].

Tanzania: Itende: Loveridge, Arthur: BMNH: 1 [1 - 1 - 1].

Total Specimens for 14 November 1923: 2

15 November 1923

Namibia: Windhoek: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1 - 1].

Total Specimens for 15 November 1923: 1

28 November 1923

Congo (Democratic Republic of the): Luluabourg [=Kananga]: Callewaert, P.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 28 November 1923: 1

6 December 1923

Sudan: Wad Medani: Bowe, W.W.: ROM: 1 [1 - 1 - 1].

Total Specimens for 6 December 1923: 1

6 February 1924

South Africa: Pretoria hospital: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 6 February 1924: 1

3 April 1924

Sudan: S Jebel Marra, foothills: Lynes, Hubert (Rear-Admiral) and Lowe, Willoughby P.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 3 April 1924: 1

4 April 1924

South Africa: Gravelotte mines: van Dam, G.P.: TM: 4 [4 - 4 - 4].

Total Specimens for 4 April 1924: 4

5 April 1924

South Africa: Gravelotte mines: van Dam, G.P.: TM: 3 [3]; van Son, G.: TM: 1 [1 - 4 - 4].

Total Specimens for 5 April 1924: 4

15 April 1924

Namibia: Quickborn: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 15 April 1924: 1

16 April 1924

Congo (Democratic Republic of the): St Joseph de Luluabourg mission [=Kananga]: ?: Collector Unknown: BMNH: 1 [1 - 1 - 1].

Total Specimens for 16 April 1924: 1

19 May 1924

Congo (Democratic Republic of the): Mertens farm: Seydel: RMCA: 1 [1 - 1 - 1].

Total Specimens for 19 May 1924: 1

28 May 1924

Congo (Democratic Republic of the): Luluabourg [=Kananga]: Callewaert, P.: AMNH: 1 [1 - 1 - 1].

Total Specimens for 28 May 1924: 1

27 July 1924

Namibia: Ukualuisi: Shortridge, Guy C. (Capt.): KM: 2 [2 - 2 - 2].

Total Specimens for 27 July 1924: 2

27 August 1924

Namibia: Ukualuisi: Shortridge, Guy C. (Capt.) and Sladen, Percy: BMNH: 1 [1 - 1 - 1].

Total Specimens for 27 August 1924: 1

24 September 1924

Namibia: Otjumbumbi: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 24 September 1924: 1

6 October 1924

Namibia: Ukualukasi: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 6 October 1924: 1

7 October 1924

Namibia: Ukualukasi: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 7 October 1924: 1

8 October 1924

Namibia: Ukualukasi: Shortridge, Guy C. (Capt.): BMNH: 2, KM: 4 [6 - 6 - 6].

Total Specimens for 8 October 1924: 6

9 October 1924

Namibia: Ukualukasi: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1 - 1].

Total Specimens for 9 October 1924: 1

12 October 1924

Namibia: Ukualukasi: Shortridge, Guy C. (Capt.): BMNH: 1, KM: 3 [4 - 4 - 4].

Total Specimens for 12 October 1924: 4

14 October 1924

Namibia: Ukualuisi: Shortridge, Guy C. (Capt.): KM: 1 [1]; Shortridge, Guy C. (Capt.) and Sladen, Percy: BMNH: 2 [2 - 3 - 3].

Total Specimens for 14 October 1924: 3

17 October 1924

Namibia: Ondangua: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 1].

Zimbabwe: Bulawayo: Durant: HZM: 1 [1 - 1 - 1].

Total Specimens for 17 October 1924: 2

24 October 1924

Namibia: Ondangua: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 24 October 1924: 1

26 October 1924

Namibia: Ondangua: Shortridge, Guy C. (Capt.): BMNH: 1, KM: 1 [2]; Shortridge, Guy C. (Capt.) and Sladen, Percy: BMNH: 1 [1 - 3 - 3].

Total Specimens for 26 October 1924: 3

11 December 1924

South Africa: Farm Makapansgat: ?: Collector Unknown: TM: 2 [2 - 2] - Farm Makapansgat 39, Makapan cave: Roberts, Austin: TM: 1 [1 - 1] - Farm Makapansgat, Makapan cave: ?: Collector Unknown: TM: 1 [1 - 1 - 4].

Total Specimens for 11 December 1924: 4

19 December 1924

Congo (Democratic Republic of the): Djamba: Schouteden, H.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 19 December 1924: 1

20 December 1924

Congo (Democratic Republic of the): Djamba: Schouteden, H.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 20 December 1924: 1

2 January 1925

Congo (Democratic Republic of the): Koteli: Schouteden, H.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 2 January 1925: 1

3 January 1925

Congo (Democratic Republic of the): Koteli: Schouteden, H.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 3 January 1925: 1

23 January 1925

Congo (Democratic Republic of the): Koteli: Schouteden, H.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 23 January 1925: 1

26 February 1925

Congo (Democratic Republic of the): Mauda: Schouteden, H.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 26 February 1925: 1

2 March 1925

Congo (Democratic Republic of the): Mauda: Schouteden, H.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 2 March 1925: 1

4 March 1925

South Africa: Mqanduli: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 4 March 1925: 1

16 March 1925

Congo (Democratic Republic of the): Mauda: Schouteden, H.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 16 March 1925: 1

19 March 1925

Congo (Democratic Republic of the): Dika: Schouteden, H.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 19 March 1925: 1

21 March 1925

Congo (Democratic Republic of the): Mauda: Schouteden, H.: RMCA: 2 [2 - 2 - 2].

Total Specimens for 21 March 1925: 2

27 March 1925

South Africa: King Williamstown: Shortridge, Guy C. (Capt.) and Williams: BMNH: 1 [1 - 1 - 1].

Total Specimens for 27 March 1925: 1

16 April 1925

Congo (Democratic Republic of the): Batala's Village: Heller, Edmund: ZMUC: 3 [3 - 3 - 3].

Total Specimens for 16 April 1925: 3

18 April 1925

Congo (Democratic Republic of the): Dramba: Schouteden, H.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 18 April 1925: 1**

5 May 1925

Congo (Democratic Republic of the): Mahagi Port: Schouteden, H.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 5 May 1925: 1**

22 June 1925

Congo (Democratic Republic of the): Abimva: Schouteden, H.: RMCA: 2 [2 - 2 - 2].**Total Specimens for 22 June 1925: 2**

23 June 1925

Congo (Democratic Republic of the): Abimva: Schouteden, H.: RMCA: 4 [4 - 4 - 4].**Total Specimens for 23 June 1925: 4**

1 July 1925

Congo (Democratic Republic of the): Faradje: Schouteden, H.: RMCA: 3 [3 - 3 - 3].**Total Specimens for 1 July 1925: 3**

5 July 1925

Congo (Democratic Republic of the): Faradje: Schouteden, H.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 5 July 1925: 1**

6 July 1925

Congo (Democratic Republic of the): Faradje: Schouteden, H.: RMCA: 2 [2 - 2 - 2].**Total Specimens for 6 July 1925: 2**

20 July 1925

Angola: Capelongo: Lang, Herbert and Boulton: AMNH: 1 [1 - 1 - 1].**Total Specimens for 20 July 1925: 1**

23 July 1925

South Africa: Vryburg: Roberts, Austin: TM: 1 [1 - 1 - 1].**Total Specimens for 23 July 1925: 1**

5 August 1925

Angola: Chitau: Lang, Herbert: AMNH: 1 [1]; Lang, Herbert and Boulton: AMNH: 1 [1 - 2 - 2].**Total Specimens for 5 August 1925: 2**

17 October 1925

Namibia: Karolinenhof: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 1].**Total Specimens for 17 October 1925: 1**

6 November 1925

Namibia: Sandfontein: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1 - 1].**Total Specimens for 6 November 1925: 1**

2 December 1925

Congo (Democratic Republic of the): Luluabourg [=Kananga]: Callewaert, P.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 2 December 1925: 1

10 December 1925

Namibia: Karolinenhof: ?: Collector Unknown: KM: 1 [1 - 1 - 1].

Total Specimens for 10 December 1925: 1

16 December 1925

Namibia: Karolinenhof: Shortridge, Guy C. (Capt.): KM: 2 [2 - 2 - 2].

Total Specimens for 16 December 1925: 2

17 December 1925

Namibia: Karolinenhof: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 17 December 1925: 1

1 January 1926

Rwanda: Kisenyi [=Gisenyi]: Schouteden, H.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 1 January 1926: 1

25 February 1926

Congo (Democratic Republic of the): Luluabourg [=Kananga]: Callewaert, P.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 25 February 1926: 1

11 March 1926

Congo (Democratic Republic of the): Luluabourg [=Kananga]: Callewaert, P.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 11 March 1926: 1

1 April 1926

Congo (Democratic Republic of the): Lubumbashi: Schouteden, H.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 1 April 1926: 1

16 July 1926

Liberia: Monrovia: Allen, Glover Morrill: FMNH: 2 [2 - 2 - 2].

Total Specimens for 16 July 1926: 2

6 August 1926

Angola: Chitau: Lang, Herbert and Boulton: AMNH: 1 [1 - 1 - 1].

Total Specimens for 6 August 1926: 1

14 August 1926

Tanzania: Dar es Salaam: Zimmer, J.T.: FMNH: 2 [2 - 2 - 2].

Total Specimens for 14 August 1926: 2

17 August 1926

Ethiopia: Dangila: Cheesman, Robert Ernest (Col.): BMNH: 3 [3 - 3 - 3].

Total Specimens for 17 August 1926: 3

26 August 1926

Congo (Democratic Republic of the): Keri river: Fraser, D. (Capt.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 26 August 1926: 1

13 September 1926

South Africa: Pretoria North: Carlisle, M.: TM: 1 [1 - 1 - 1].

Total Specimens for 13 September 1926: 1

30 September 1926

South Africa: Brooklyn: Roberts, Austin: TM: 2 [2 - 2 - 2].

Total Specimens for 30 September 1926: 2

11 October 1926

Ethiopia: Addis Ababa: Bailey, A.M.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 11 October 1926: 1

14 October 1926

South Africa: Marquard: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 14 October 1926: 1

18 October 1926

Tanzania: Ulanga: Zimmer, J.T.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 18 October 1926: 1

25 October 1926

Ethiopia: Sanfords Ranch: Hist, H.: TM: 1 [1 - 1 - 1].

Total Specimens for 25 October 1926: 1

15 November 1926

South Africa: Ladyselborne: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 15 November 1926: 1

9 December 1926

Congo (Democratic Republic of the): Katobwe: Zimmer, J.T.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 9 December 1926: 1

24 December 1926

Congo (Democratic Republic of the): Kabengere: Zimmer, J.T.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 24 December 1926: 1

20 January 1927

Sudan: Kadugli: Rutledge, W.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 20 January 1927: 1

8 February 1927

South Africa: Leydsdorp: ?: Collector Unknown: TM: 1 [1]; van Dam, G.P.: TM: 1 [1 - 2 - 2].

Total Specimens for 8 February 1927: 2

11 February 1927

South Africa: Leydsdorp: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 11 February 1927: 1

5 March 1927

Ethiopia: Debre Marcos, near: Osgood, Wilfred Hudson (Dr.): FMNH: 1 [1 - 1] - Wahina: Bailey, A.M.: FMNH: 1 [1 - 1 - 2].**Total Specimens for 5 March 1927: 2**

22 March 1927

Uganda: Masindi: Zimmer, J.T.: FMNH: 1 [1 - 1 - 1].**Total Specimens for 22 March 1927: 1**

28 March 1927

Uganda: Rhino Camp: Zimmer, J.T.: FMNH: 1 [1 - 1 - 1].**Total Specimens for 28 March 1927: 1**

31 March 1927

Ethiopia: Tana, lake: Daily News Abyssinia expedition, The: FMNH: 1 [1 - 1 - 1].**Total Specimens for 31 March 1927: 1**

5 April 1927

Ethiopia: Gondur, 15 mi NE: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 5 April 1927: 1**

30 April 1927

Namibia: Otjitundua: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1 - 1].**Total Specimens for 30 April 1927: 1**

1 May 1927

Namibia: Otjitundua: Shortridge, Guy C. (Capt.): BMNH: 3 [3 - 3 - 3].**Total Specimens for 1 May 1927: 3**

2 May 1927

Namibia: Otjitundua: Shortridge, Guy C. (Capt.): BMNH: 5, KM: 5 [10 - 10 - 10].**Total Specimens for 2 May 1927: 10**

3 May 1927

Namibia: Otjitundua: Shortridge, Guy C. (Capt.): BMNH: 1, KM: 1 [2 - 2 - 2].**Total Specimens for 3 May 1927: 2**

6 May 1927

Namibia: Otjitundua: Shortridge, Guy C. (Capt.): BMNH: 4, KM: 1 [5 - 5 - 5].**Total Specimens for 6 May 1927: 5**

7 May 1927

Namibia: Otjitundua: Shortridge, Guy C. (Capt.): BMNH: 1, KM: 1 [2 - 2 - 2].**Total Specimens for 7 May 1927: 2**

8 May 1927

Namibia: Otjitundua: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 1].**Total Specimens for 8 May 1927: 1**

10 May 1927

Congo (Democratic Republic of the): Kabale: Chapin, James P.; Sage, L. (dr.) and Matthews, Edwards: AMNH: 1 [1 - 1 - 1].

Total Specimens for 10 May 1927: 1

11 May 1927

Congo (Democratic Republic of the): Kabale: Chapin, James P.; Sage, L. (dr.) and Matthews, Edwards: AMNH: 1 [1 - 1 - 1].

Total Specimens for 11 May 1927: 1

12 May 1927

Namibia: Otjitundua: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 12 May 1927: 1

15 May 1927

Namibia: Otjitundua: Shortridge, Guy C. (Capt.): BMNH: 1, KM: 1 [2 - 2 - 2].

Total Specimens for 15 May 1927: 2

17 May 1927

Namibia: Otjitundua: Shortridge, Guy C. (Capt.): BMNH: 3 [3 - 3 - 3].

Total Specimens for 17 May 1927: 3

20 May 1927

Namibia: Otjitundua: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1 - 1].

Total Specimens for 20 May 1927: 1

2 June 1927

Namibia: Ombombo: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 2 June 1927: 1

9 June 1927

Mali: Timbuktu: Madsen, Harry: ZMUC: 8 [8 - 8 - 8].

Total Specimens for 9 June 1927: 8

12 June 1927

Namibia: Ombombo: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 12 June 1927: 1

3 July 1927

South Africa: Farm Zwarthoek 794: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 3 July 1927: 1

25 July 1927

Namibia: Tshimhaka: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 25 July 1927: 1

27 July 1927

Namibia: Swartbooisdrift: Shortridge, Guy C. (Capt.): KM: 2 [2 - 2 - 2].

Total Specimens for 27 July 1927: 2

12 August 1927

South Africa: Weenen: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 12 August 1927: 1

27 August 1927

Namibia: Swartbooisdrift: Shortridge, Guy C. (Capt.): BMNH: 1, KM: 1 [2 - 2 - 2].

Total Specimens for 27 August 1927: 2

18 September 1927

Namibia: Great Ombathu: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 18 September 1927: 1

27 September 1927

Namibia: Kaoko-Otavi: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1 - 1].

Total Specimens for 27 September 1927: 1

7 November 1927

Niger: Zinder: Madsen, Harry: FMNH: 3 [3 - 3 - 3].

Total Specimens for 7 November 1927: 3

11 December 1927

Congo (Democratic Republic of the): Kunungu: Schouteden, H.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 11 December 1927: 1

29 December 1927

Congo (Democratic Republic of the): Mukishi: Becquet: RMCA: 1 [1 - 1 - 1].

Total Specimens for 29 December 1927: 1

20 February 1928

Congo (Democratic Republic of the): Buta: Joseph, R.P.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 20 February 1928: 1

23 July 1928

South Africa: Vryburg: Roberts, Austin: TM: 5 [5 - 5 - 5].

Total Specimens for 23 July 1928: 5

16 August 1928

Congo (Democratic Republic of the): Stanleyville [=Kisangani]: Collart: RMCA: 1 [1 - 1 - 1].

Total Specimens for 16 August 1928: 1

19 September 1928

Ethiopia: Dangila: Cheesman, Robert Ernest (Col.): BMNH: 2 [2 - 2 - 2].

Total Specimens for 19 September 1928: 2

18 October 1928

Ethiopia: Dangila: Cheesman, Robert Ernest (Col.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 18 October 1928: 1

21 October 1928

Namibia: Hot Spring: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 21 October 1928: 1

3 November 1928

South Africa: Mkuzi River: Roberts, Austin: TM: 4 [4 - 4 - 4].

Total Specimens for 3 November 1928: 4

5 November 1928

Congo (Democratic Republic of the): Stanleyville [=Kisangani]: Collart: RMCA: 1 [1 - 1 - 1].

Total Specimens for 5 November 1928: 1

28 November 1928

South Africa: Emseleni: ?: Collector Unknown: TM: 3 [3 - 3 - 3].

Total Specimens for 28 November 1928: 3

10 January 1929

Ethiopia: Addis Ababa: Carter, T. Donald: AMNH: 1 [1 - 1 - 1].

Total Specimens for 10 January 1929: 1

9 February 1929

Kenya: Kerio Suk river: Pitman, C.R.S. (Capt.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 9 February 1929: 1

10 March 1929

Congo (Democratic Republic of the): Lubenge Marunga mountains: Rockefeller, J. Sterling: AMNH: 1 [1 - 1 - 1].

Total Specimens for 10 March 1929: 1

22 March 1929

Namibia: Nuitsas: Shortridge, Guy C. (Capt.): BMNH: 3, KM: 2 [5 - 5 - 5].

Total Specimens for 22 March 1929: 5

23 March 1929

Namibia: Nuitsas: Shortridge, Guy C. (Capt.): BMNH: 2, KM: 4 [6 - 6 - 6].

Total Specimens for 23 March 1929: 6

24 March 1929

Namibia: Nuitsas: Shortridge, Guy C. (Capt.): BMNH: 2, KM: 1 [3 - 3 - 3].

Total Specimens for 24 March 1929: 3

26 March 1929

Namibia: Nuitsas: Shortridge, Guy C. (Capt.): BMNH: 2 [2 - 2 - 2].

Total Specimens for 26 March 1929: 2

31 March 1929

Namibia: Nuitsas: Shortridge, Guy C. (Capt.): BMNH: 1, KM: 1 [2 - 2 - 2].

Total Specimens for 31 March 1929: 2

10 April 1929

Namibia: Kano valley: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 10 April 1929: 1

26 April 1929

Namibia: Karakuwisa: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 26 April 1929: 1

29 May 1929

Namibia: Ssanukanu: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 29 May 1929: 1

1 June 1929

Namibia: Ssanukanu: Shortridge, Guy C. (Capt.): FMNH: 1 [1 - 1 - 1].

Total Specimens for 1 June 1929: 1

2 June 1929

Namibia: Ssanukanu: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 2 June 1929: 1

3 June 1929

Namibia: Ssanukanu: Shortridge, Guy C. (Capt.): BMNH: 2 [2 - 2 - 2].

Total Specimens for 3 June 1929: 2

4 June 1929

Namibia: Ssanukanu: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 4 June 1929: 1

5 June 1929

Namibia: Ssanukanu: Shortridge, Guy C. (Capt.): BMNH: 1, FMNH: 1 [2 - 2 - 2].

Total Specimens for 5 June 1929: 2

9 June 1929

Namibia: Ssanukanu: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 9 June 1929: 1

10 June 1929

Namibia: Ssanukanu: Shortridge, Guy C. (Capt.): BMNH: 1, FMNH: 1 [2 - 2 - 2].

Total Specimens for 10 June 1929: 2

11 June 1929

Namibia: Ssanukanu: Shortridge, Guy C. (Capt.): FMNH: 1 [1 - 1 - 1].

Total Specimens for 11 June 1929: 1

13 June 1929

Namibia: Ssanukanu: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 13 June 1929: 1

1 July 1929

Namibia: Okavango-Omatoka junction: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 1 July 1929: 1

5 August 1929

Madagascar: Ivohiho: Mission F.A.A.: MNHN: 1 [1 - 1 - 1].

Total Specimens for 5 August 1929: 1

27 August 1929

Congo (Democratic Republic of the): Flandria: Hulsart, R.P.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 27 August 1929: 1

24 November 1929

Zimbabwe: Selinda, mount: Boulton, R. and Boulton, L.: CM: 3 [3 - 3 - 3].

Total Specimens for 24 November 1929: 3

26 November 1929

Zimbabwe: Selinda, mount: Boulton, R. and Boulton, L.: CM: 6 [6 - 6 - 6].

Total Specimens for 26 November 1929: 6

19 February 1930

Uganda: Wasa river: de Walden, H. (Lord) and Hayman, R.W.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 19 February 1930: 1

4 March 1930

Zambia: Lusiwashi valley: Selchow, D.H.: YPM: 1 [1 - 1 - 1].

Total Specimens for 4 March 1930: 1

6 March 1930

Tanzania: Rungwa mountains: Loveridge, Arthur: MCZ: 1 [1 - 1 - 1].

Total Specimens for 6 March 1930: 1

7 March 1930

Tanzania: Mwaya: Loveridge, Arthur: MCZ: 5 [5 - 5] - Rungwa mountains: Loveridge, Arthur: MCZ: 2 [2 - 2 - 7].

Total Specimens for 7 March 1930: 7

29 March 1930

Botswana: Kuke pan: Vernay-Lang Kalahari Exped.: TM: 1 [1 - 1 - 1].

Total Specimens for 29 March 1930: 1

24 April 1930

Congo (Democratic Republic of the): Ituri Forest: de Walden, H. (Lord): BMNH: 5 [5 - 5 - 5].

Total Specimens for 24 April 1930: 5

5 May 1930

Botswana: Maun: Vernay Expedition and Lang, Herbert: FMNH: 1 [1 - 1 - 1].

Total Specimens for 5 May 1930: 1

23 May 1930

Botswana: Maun: Vernay Expedition and Lang, Herbert: FMNH: 1 [1 - 1 - 1].

Total Specimens for 23 May 1930: 1

25 May 1930

Botswana: Maun: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 25 May 1930: 1

28 May 1930

Botswana: Maun: Vernay Expedition and Lang, Herbert: FMNH: 2 [2]; Vernay Kalahari expedition and Lang, Herbert: TM: 1 [1 - 3 - 3].

Total Specimens for 28 May 1930: 3

29 May 1930

Botswana: Maun: Vernay Expedition and Lang, Herbert: FMNH: 3 [3]; Vernay-Lang Kalahari Expedition 1930: TM: 1 [1 - 4 - 4].

Total Specimens for 29 May 1930: 4

30 May 1930

Botswana: Maun: Vernay Kalahari expedition and Lang, Herbert: AMNH: 1 [1 - 1 - 1].

Total Specimens for 30 May 1930: 1

31 May 1930

Botswana: Maun: Vernay Expedition and Lang, Herbert: FMNH: 2 [2 - 2 - 2].

Total Specimens for 31 May 1930: 2

4 June 1930

Botswana: Mababe Flats: Vernay Expedition and Lang, Herbert: FMNH: 1 [1 - 1] - Maun: Vernay Expedition and Lang, Herbert: FMNH: 1 [1]; Vernay Kalahari expedition and Lang, Herbert: TM: 1 [1 - 2 - 3].

Total Specimens for 4 June 1930: 3

7 June 1930

Botswana: Zweizwe Waterhole: Vernay Expedition and Lang, Herbert: FMNH: 1 [1 - 1] - Zweizwi River Waterhole: Vernay-Lang Kalahari Exped.: TM: 1 [1]; Vernay-Lang Kalahari Expedition 1930: TM: 1 [1 - 2 - 3].
South Africa: Umfolozi Game Reserve: Vernay-Lang Kalahari Exped.: TM: 1 [1 - 1 - 1].

Total Specimens for 7 June 1930: 4

14 June 1930

Tanzania: Ukerewe island: Loveridge, Arthur: MCZ: 1 [1 - 1 - 1].

Total Specimens for 14 June 1930: 1

18 June 1930

Botswana: Tsotsoroga Pan: Vernay-Lang Kalahari Exped.: TM: 1 [1 - 1 - 1].
Tanzania: Ukerewe island: Loveridge, Arthur: MCZ: 1 [1 - 1 - 1].

Total Specimens for 18 June 1930: 2

19 June 1930

Botswana: Tsotsoroga Pan: Vernay-Lang Kalahari Exped.: TM: 1 [1]; Vernay-Lang Kalahari Expedition 1930: TM: 1 [1 - 2 - 2].

Total Specimens for 19 June 1930: 2

29 June 1930

Botswana: Tsotsoroga Pan: Vernay-Lang Kalahari Expedition 1930: TM: 1 [1 - 1 - 1].

Total Specimens for 29 June 1930: 1

15 July 1930

Unknown Country: Goho Hills: Vernay Expedition and Lang, Herbert: TM: 1 [1 - 1 - 1].

Total Specimens for 15 July 1930: 1

1 August 1930

Botswana: N'kata: Vernay Expedition and Lang, Herbert: FMNH: 1 [1 - 1 - 1].

Total Specimens for 1 August 1930: 1

4 August 1930

Congo (Democratic Republic of the): Lukolela: Chapin, James P.: AMNH: 1 [1 - 1 - 1].

Total Specimens for 4 August 1930: 1

16 August 1930

Botswana: Nekate [= Nekati]: Vernay-Lang Kalahari Expedition 1930: TM: 1 [1 - 1 - 1].

Total Specimens for 16 August 1930: 1

6 September 1930

Zambia: Chambezi: Tose, Frank: CAS: 2 [2 - 2 - 2].

Total Specimens for 6 September 1930: 2

26 September 1930

Mozambique: Beira, near: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 26 September 1930: 1

10 October 1930

Congo (Democratic Republic of the): Lukolela: Chapin, James P.: AMNH: 1 [1 - 1 - 1].

Total Specimens for 10 October 1930: 1

25 October 1930

Ethiopia: Addis Ababa: Huyn, L. (Graf): ZFMK: 1 [1 - 1 - 1].

Total Specimens for 25 October 1930: 1

29 October 1930

Namibia: Berseba: Sordahl, L.O.: USNM: 2 [2 - 2 - 2].

Total Specimens for 29 October 1930: 2

13 November 1930

Congo (Democratic Republic of the): Kakyelo: de Witte, G.F. et al: RMCA: 6 [6 - 6 - 6].

Total Specimens for 13 November 1930: 6

20 December 1930

Congo (Democratic Republic of the): Lukafu: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].

Total Specimens for 20 December 1930: 1

24 December 1930

Congo (Democratic Republic of the): Lukolela: Chapin, James P.: AMNH: 1 [1 - 1 - 1].

Total Specimens for 24 December 1930: 1

3 January 1931

Angola: Gauca river: Boulton, R. and Boulton, L.: CM: 1 [1 - 1 - 1].

Total Specimens for 3 January 1931: 1

4 January 1931

Angola: Gauca river: Boulton, R. and Boulton, L.: CM: 2 [2 - 2 - 2].

Total Specimens for 4 January 1931: 2

17 January 1931

Angola: Chitau: Boulton, R. and Boulton, L.: CM: 1 [1]; Pulitzer, Ralph: CM: 1 [1 - 2 - 2].

Total Specimens for 17 January 1931: 2

3 February 1931

Zambia: Broken Hill: Pitman, C.R.S. (Capt.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 3 February 1931: 1

5 February 1931

Ethiopia: Harairobo, lake: Huyn, L. (Graf): ZFMK: 5 [5 - 5 - 5].

Total Specimens for 5 February 1931: 5

16 February 1931

Congo (Democratic Republic of the): Lukonzolwa: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].

Total Specimens for 16 February 1931: 1

7 May 1931

Congo (Democratic Republic of the): Kiambi: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].

Total Specimens for 7 May 1931: 1

20 May 1931

Namibia: Keetmanshoop: Sordahl, L.O.: USNM: 1 [1 - 1 - 1].

South Africa: New Mucelneuck: Roberts, V.: TM: 1 [1 - 1 - 1].

Total Specimens for 20 May 1931: 2

21 June 1931

Congo (Democratic Republic of the): Stanleyville [=Kisangani]: Schwarz, Ernst (dr.): RMCA: 1 [1 - 1 - 1].

Total Specimens for 21 June 1931: 1

25 June 1931

Congo (Democratic Republic of the): Lukolela:?: Collector Unknown: RMCA: 1 [1 - 1 - 1].

Total Specimens for 25 June 1931: 1

3 July 1931

South Africa: Sheila No. 10: White, A.G.: TM: 1 [1 - 1 - 1].

Total Specimens for 3 July 1931: 1

6 July 1931

South Africa: Sheila No. 10: White, A.G.: TM: 1 [1 - 1 - 1].

Total Specimens for 6 July 1931: 1

14 July 1931

Tanzania: Lipumba: Naumann and eichert: SMTD: 1 [1 - 1 - 1].

Total Specimens for 14 July 1931: 1

22 July 1931

South Africa: Grahamstown: Roberts, Austin: TM: 1 [1 - 1] - Kleinpoort: Roberts, Austin: TM: 4 [4 - 4 - 5].

Total Specimens for 22 July 1931: 5

24 July 1931

South Africa: Kleinpoort: Roberts, Austin: TM: 5 [5 - 5 - 5].

Total Specimens for 24 July 1931: 5

27 July 1931

South Africa: Kleinpoort: Roberts, Austin: TM: 2 [2 - 2 - 2].

Total Specimens for 27 July 1931: 2

22 August 1931

South Africa: Kleinpoort: Purnell, W.: TM: 1 [1 - 1 - 1].

Total Specimens for 22 August 1931: 1

10 September 1931

South Africa: Letaba Ranch: Haas, F.: SMF: 1 [1 - 1 - 1].

Total Specimens for 10 September 1931: 1

8 October 1931

South Africa: Pretoria: Roberts, Austin: TM: 1 [1 - 1 - 1].

Total Specimens for 8 October 1931: 1

18 October 1931

South Africa: Pretoria: Roberts, Austin and Bedford, G.A.H.: TM: 3 [3 - 3 - 3].

Total Specimens for 18 October 1931: 3

26 October 1931

South Africa: Irene: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 26 October 1931: 1

3 November 1931

South Africa: Pretoria: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 3 November 1931: 1

10 November 1931

Zambia: Nsombo: Haas, F.: SMF: 2 [2 - 2 - 2].

Total Specimens for 10 November 1931: 2

10 December 1931

South Africa: Pretoria: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 10 December 1931: 1

23 December 1931

South Africa: Zoetvlei: Bradfield: TM: 1 [1 - 1 - 1].

Total Specimens for 23 December 1931: 1

2 February 1932

Cameroon: Besogabang: Sanderson, Ivan T.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 2 February 1932: 1

4 February 1932

South Africa: Pretoria: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 4 February 1932: 1**

23 February 1932

Congo (Democratic Republic of the): Mweka: Heusgens, Dr.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 23 February 1932: 1**

4 March 1932

South Africa: Pretoria: Smith, L. and Smith, D.: TM: 1 [1 - 1 - 1].**Total Specimens for 4 March 1932: 1**

1 May 1932

Zambia: Chipata: Lancaster, D.G.: KM: 1 [1 - 1 - 1].**Total Specimens for 1 May 1932: 1**

31 May 1932

Cameroon: Lumbindu: Merfield, F.G.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 31 May 1932: 1**

25 July 1932

Egypt: Egypt: de Selys-Longschamps: KBIN: 1 [1 - 1 - 1].**South Africa:** Durban: de Selys-Longschamps: KBIN: 1 [1 - 1 - 1].**Total Specimens for 25 July 1932: 2**

15 August 1932

South Africa: Frederikstad: Lawrence, F.G.: TM: 1 [1 - 1 - 1].**Total Specimens for 15 August 1932: 1**

18 September 1932

Nigeria: Ikotmbo: Sanderson, Ivan T.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 18 September 1932: 1**

29 October 1932

Congo (Democratic Republic of the): Katana: Burgeon: RMCA: 1 [1 - 1 - 1].**Total Specimens for 29 October 1932: 1**

15 November 1932

Congo (Democratic Republic of the): Lukolela: Lecocq: RMCA: 1 [1 - 1 - 1].**Total Specimens for 15 November 1932: 1**

29 November 1932

Angola: Humpata: Phipps and Bradley: AMNH: 1 [1 - 1 - 1].**Total Specimens for 29 November 1932: 1**

10 December 1932

Cameroon: Mamfe: Sanderson, Ivan T.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 10 December 1932: 1**

28 December 1932

Burundi: Nyanza, lake: ?: Collector Unknown: RMCA: 1 [1 - 1 - 1].

Total Specimens for 28 December 1932: 1

29 December 1932

South Africa: Kaggasmoudt: Turnbull, J.K.: NM: 1 [1 - 1 - 1].

Total Specimens for 29 December 1932: 1

3 January 1933

Angola: Kuvangu Mission: Monard, A. (Dr.): MHNG: 1 [1 - 1 - 1].

Total Specimens for 3 January 1933: 1

6 January 1933

South Africa: Mogale City [=Krugersdorp]: van Son, G.: TM: 1 [1 - 1] - Uitkyk: ?: Collector Unknown: TM: 2 [2 - 2 - 3].

Total Specimens for 6 January 1933: 3

7 January 1933

South Africa: Mogale City [=Krugersdorp]: van Son, G.: TM: 2 [2 - 2] - Uitkyk: ?: Collector Unknown: TM: 2 [2 - 2 - 4].

Total Specimens for 7 January 1933: 4

21 January 1933

Cameroon: Eshobi: Sanderson, Ivan T.: BMNH: 2 [2 - 2 - 2].

Total Specimens for 21 January 1933: 2

23 January 1933

South Africa: Tzaneen: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 23 January 1933: 2

30 January 1933

South Africa: Mogale City [=Krugersdorp]: van Son, G.: TM: 1 [1 - 1 - 1].

Total Specimens for 30 January 1933: 1

31 January 1933

South Africa: Tzaneen: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 31 January 1933: 2

11 February 1933

Angola: Chitau: Phipps and Bradley: AMNH: 2 [2 - 2 - 2].

Total Specimens for 11 February 1933: 2

12 February 1933

Angola: Chitau: Phipps and Bradley: AMNH: 1 [1 - 1 - 1].

Total Specimens for 12 February 1933: 1

13 February 1933

Angola: Chitau: Buchanan, W.J.: AMNH: 1 [1]; Phipps and Bradley: AMNH: 2 [2 - 3 - 3].

Total Specimens for 13 February 1933: 3

21 February 1933

Angola: Chitau: Phipps and Bradley: AMNH: 2 [2 - 2 - 2].

Total Specimens for 21 February 1933: 2

24 April 1933

South Africa: Pretoria: Noome, F.O.: TM: 4 [4 - 4 - 4].

Total Specimens for 24 April 1933: 4

19 July 1933

South Africa: Msinyini pan: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 19 July 1933: 2

28 July 1933

South Africa: Klaserie-Olifant River Confluence: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 28 July 1933: 1

6 August 1933

South Africa: Ingwavuma: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 6 August 1933: 1

7 August 1933

South Africa: Ingwavuma: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 7 August 1933: 2

4 September 1933

South Africa: Ingwavuma, village: Roberts, Austin: TM: 1 [1 - 1 - 1].

Total Specimens for 4 September 1933: 1

7 September 1933

South Africa: Ingwavumia: Roberts, Austin: TM: 6 [6]; Roberts, Austin; and Wilson, B.: TM: 2 [2]; Roberts, Austin; and Wilson, R.: TM: 1 [1 - 9 - 9].

Total Specimens for 7 September 1933: 9

8 September 1933

South Africa: Ingwavumia: Roberts, Austin: TM: 1 [1 - 1 - 1].

Total Specimens for 8 September 1933: 1

22 September 1933

South Africa: Ndumu store: ?: Collector Unknown: TM: 16 [16 - 16 - 16].

Total Specimens for 22 September 1933: 16

28 September 1933

Congo (Democratic Republic of the): Vitshumbi: de Witte, G.F. et al: KBIN: 1 [1 - 1 - 1].

Total Specimens for 28 September 1933: 1

11 October 1933

Namibia: Klein Windhoek: Burrard, C. (Maj.) and Jordan, Karl (dr.): BMNH: 2 [2 - 2 - 2].

Total Specimens for 11 October 1933: 2

9 February 1934

South Africa: Pretoria: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 9 February 1934: 1

13 February 1934

Congo (Democratic Republic of the): Mongbwalu: Jordens, Mlle: RMCA: 1 [1 - 1 - 1].

Kenya: Kaimosi: Loveridge, Arthur: MCZ: 1 [1 - 1 - 1].

Total Specimens for 13 February 1934: 2

25 February 1934

Kenya: Kaimosi: Loveridge, Arthur: MCZ: 1 [1 - 1 - 1].

Total Specimens for 25 February 1934: 1

27 February 1934

Kenya: Kakamega: Loveridge, Arthur: CM: 1 [1 - 1 - 1].

Total Specimens for 27 February 1934: 1

15 March 1934

Namibia: Okahandja: Hoesch, W.: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 15 March 1934: 1

27 March 1934

Mali: Sotuba: Wonder, F.C.: FMNH: 2 [2 - 2 - 2].

Total Specimens for 27 March 1934: 2

28 March 1934

Mali: Sotuba: Wonder, F.C.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 28 March 1934: 1

31 March 1934

Namibia: Okahandja: Hoesch, W.: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 31 March 1934: 1

3 April 1934

Namibia: Okahandja: Hoesch, W.: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 3 April 1934: 1

4 April 1934

Namibia: Okahandja: Hoesch, W.: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 4 April 1934: 1

12 April 1934

Mali: Bamako: Strauss and West Africa Expedition: FMNH: 1 [1 - 1 - 1].

Total Specimens for 12 April 1934: 1

23 April 1934

Kenya: Mbololo, mount: Loveridge, Arthur: CM: 1 [1 - 1 - 1].

Total Specimens for 23 April 1934: 1

28 April 1934

Kenya: Bat island: Lake Rudolf Rift Valley Expedition 1934: BMNH: 2 [2 - 2 - 2].

Total Specimens for 28 April 1934: 2

3 May 1934

Cameroon: Sangmelima: Good, A.I.: CM: 1 [1 - 1 - 1].**Total Specimens for 3 May 1934: 1**

19 May 1934

Senegal: Kedougou: Wonder, F.C.: USNM: 1 [1 - 1 - 1].**Total Specimens for 19 May 1934: 1**

20 May 1934

Senegal: Kedougou: Wonder, F.C.: USNM: 1 [1 - 1 - 1].**Total Specimens for 20 May 1934: 1**

21 June 1934

South Africa: Farm Mokeetsi 376: Mare, D.: TM: 1 [1 - 1 - 1].**Total Specimens for 21 June 1934: 1**

18 October 1934

South Africa: Eshowe: de Meillan, B (Dr.) (Res. Officer): TM: 1 [1 - 1 - 1].**Total Specimens for 18 October 1934: 1**

15 November 1934

South Africa: Eshowe: de Meillan, B (Dr.) (Res. Officer): TM: 1 [1 - 1 - 1].**Total Specimens for 15 November 1934: 1**

1 December 1934

South Africa: Townlands: Roberts, V.H.A.: CM: 1 [1 - 1 - 1].**Total Specimens for 1 December 1934: 1**

7 December 1934

Ghana: Goaso: Lowe, Willoughby P.: BMNH: 1 [1 - 1 - 1].**South Africa:** Eshowe: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 7 December 1934: 2**

11 December 1934

South Africa: Eshowe: de Meillan, B (Dr.) (Res. Officer): TM: 1 [1 - 1 - 1].**Total Specimens for 11 December 1934: 1**

17 December 1934

South Africa: Alice: Hanchuan: KM: 1 [1 - 1 - 1].**Total Specimens for 17 December 1934: 1**

18 December 1934

South Africa: Eshowe: de Meillan, B (Dr.) (Res. Officer): TM: 1 [1 - 1 - 1].**Total Specimens for 18 December 1934: 1**

19 December 1934

South Africa: Alice: Hendunan: KM: 1 [1 - 1 - 1].

Total Specimens for 19 December 1934: 1

17 March 1935

Kenya: Voi: Benzon, Boye (dr.): ZMUC: 1 [1 - 1 - 1].**Total Specimens for 17 March 1935: 1**

6 April 1935

Cameroon: Victoria: Rosevear, D.R. (dr.): BMNH: 1 [1 - 1 - 1].**Total Specimens for 6 April 1935: 1**

8 April 1935

South Africa: Brooklyn: Roberts, V.H.A.: CM: 1 [1 - 1 - 1].**Total Specimens for 8 April 1935: 1**

11 May 1935

South Africa: Eshowe: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 11 May 1935: 1**

25 May 1935

Cameroon: : Powell Cotton Museum: BMNH: 5 [5 - 5 - 5].**Total Specimens for 25 May 1935: 5**

26 June 1935

South Africa: Mutale River: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 26 June 1935: 1**

30 June 1935

South Africa: Mutale River: ?: Collector Unknown: TM: 2 [2 - 2 - 2].**Total Specimens for 30 June 1935: 2**

4 July 1935

South Africa: Motale river: Noome and White: TM: 1 [1 - 1 - 1].**Total Specimens for 4 July 1935: 1**

12 July 1935

South Africa: Sebasa: White, A.G.: TM: 3 [3 - 3] - Sibasa: ?: Collector Unknown: TM: 11 [11 - 11] - Sibasa: White, A.G.: TM: 2 [2 - 2 - 16].**Total Specimens for 12 July 1935: 16**

22 October 1935

Tanzania: Dar es Salaam: Dinkelacker: SMNS: 1 [1 - 1 - 1].**Total Specimens for 22 October 1935: 1**

28 October 1935

South Africa: Irene: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 28 October 1935: 1**

1 January 1936

Tanzania: Ugano plantation: Zerny: NMW: 1 [1 - 1 - 1].**Total Specimens for 1 January 1936: 1**

17 January 1936

South Africa: Onderstepoort: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 17 January 1936: 1

1 February 1936

Mali: Bamako: Rode, P.: MNHN: 5 [5 - 5 - 5].

Total Specimens for 1 February 1936: 5

26 February 1936

South Africa: Pretoria: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 26 February 1936: 1

2 March 1936

Chad: N'Djamena: Malbrant, R.: USNM: 1 [1 - 1 - 1].

Total Specimens for 2 March 1936: 1

16 April 1936

Ethiopia: Dire Daoua [=Dire Dawa]: Uhlenruth: RMCA: 1 [1 - 1 - 1].

Total Specimens for 16 April 1936: 1

27 April 1936

South Africa: Port St. Johns: ?: Collector Unknown: TM: 1 [1]; Swinny, H.H.: TM: 1 [1 - 2 - 2].

Total Specimens for 27 April 1936: 2

28 April 1936

South Africa: Port St. Johns: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 28 April 1936: 1

30 April 1936

South Africa: Port St Johns: Swinny, H.H.: TM: 1 [1 - 1] - Port St. Johns: ?: Collector Unknown: TM: 1 [1]; Swinny, H.H.: TM: 1 [1 - 2 - 3].

Total Specimens for 30 April 1936: 3

1 May 1936

South Africa: Port St. Johns: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 1 May 1936: 1

2 May 1936

South Africa: Port St. Johns: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 2 May 1936: 1

3 May 1936

South Africa: Port St. Johns: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 3 May 1936: 1

6 June 1936

Ethiopia: Dire Daoua [=Dire Dawa]: Uhlenruth: RMCA: 1 [1 - 1 - 1].

Total Specimens for 6 June 1936: 1

16 July 1936

Zambia: Balovale: Jones and Vaughan, T.G.C.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 16 July 1936: 1

16 December 1936

South Africa: Garies: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1 - 1].

Total Specimens for 16 December 1936: 1

29 December 1936

South Africa: Farm Goodhouse 23: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1 - 1].

Total Specimens for 29 December 1936: 1

30 December 1936

South Africa: Farm Goodhouse 23: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1 - 1].

Total Specimens for 30 December 1936: 1

31 December 1936

South Africa: Farm Goodhouse 23: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1] - Goodhouse: Shortridge, Guy C. (Capt.): KM: 4 [4 - 4 - 5].

Total Specimens for 31 December 1936: 5

3 January 1937

South Africa: Farm Goodhouse 23: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1 - 1].

Total Specimens for 3 January 1937: 1

7 January 1937

Ghana: Mampong: Webb, G.S.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 7 January 1937: 1

22 March 1937

Ghana: Prang: Webb, G.S.: BMNH: 2 [2 - 2 - 2].

Total Specimens for 22 March 1937: 2

30 March 1937

Congo (Democratic Republic of the): Rutshuru: Ghesquière, J.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 30 March 1937: 1

29 May 1937

Namibia: Oshikanga: Barlow: TM: 1 [1]; Barlow TM-Expedition, the: TM: 4 [4 - 5 - 5].

Total Specimens for 29 May 1937: 5

1 June 1937

Swaziland: Ranches LTD: ?: Collector Unknown: TM: 7 [7 - 7 - 7].

Total Specimens for 1 June 1937: 7

15 July 1937

Namibia: Windhoek: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 15 July 1937: 1

10 August 1937

Namibia: Kochina: ?: Collector Unknown: TM: 8 [8 - **8** - 8].

Total Specimens for 10 August 1937: 8

15 August 1937

South Africa: Farm Goodhouse 23: Barlow TM-Expedition, the: TM: 1 [1 - **1** - 1].

Total Specimens for 15 August 1937: 1

31 August 1937

South Africa: Van Wyksvlei: Barlow TM-Expedition, the: TM: 6 [6 - **6** - 6].

Total Specimens for 31 August 1937: 6

19 November 1937

Congo (Democratic Republic of the): Kunungu: Schouteden, H.: RMCA: 1 [1 - **1** - 1].

Total Specimens for 19 November 1937: 1

24 November 1937

Guinea-Bissau: Ponta Robalo: Monard, A. (Dr.): MHNG: 1 [1 - **1** - 1].

Total Specimens for 24 November 1937: 1

25 November 1937

Guinea-Bissau: Ponta Robalo: Monard, A. (Dr.): RMCA: 2 [2 - **2** - 2].

Total Specimens for 25 November 1937: 2

11 December 1937

Guinea-Bissau: Mansoa [1204N 1519W], Contubo-el [1222N 1434W] or Pitche [1220N 1357W]: ?: Collector Unknown: NMBE: 1 [1 - **1** - 1].

Total Specimens for 11 December 1937: 1

12 December 1937

Guinea-Bissau: Mansoa [1204N 1519W] or Pitche [12 20 N 13 57 W]: ?: Collector Unknown: NMBE: 1 [1 - **1** - 1] - Mansoa [1204N 1519W], Contubo-el [1222N 1434W] or Pitche [1220N 1357W]: ?: Collector Unknown: NMBE: 1 [1 - **1** - 2].

Total Specimens for 12 December 1937: 2

14 December 1937

Guinea-Bissau: Mansoa: Monard, A. (Dr.): MHNG: 1 [1 - **1** - 1].

Total Specimens for 14 December 1937: 1

17 December 1937

Guinea-Bissau: Mansoa: Monard, A. (Dr.): NMBE: 1 [1 - **1** - 1].

Total Specimens for 17 December 1937: 1

21 December 1937

South Africa: Daspoort: ?: Collector Unknown: TM: 1 [1 - **1** - 1].

Total Specimens for 21 December 1937: 1

28 December 1937

South Africa: Hex River Estates: Shortridge, Guy C. (Capt.) and Carter, Donald: KM: 1 [1 - **1** - 1].

Total Specimens for 28 December 1937: 1

3 January 1938

South Africa: Hex River Estates: Shortridge, Guy C. (Capt.) and Carter, Donald: KM: 1 [1 - 1 - 1].

Total Specimens for 3 January 1938: 1

11 January 1938

Zimbabwe: Birchenough Bridge: ?: Collector Unknown: TM: 1 [1 - 1] - Birchenough Bridge, 11.2 km W: White, A.G.: TM: 5 [5 - 5 - 6].

Total Specimens for 11 January 1938: 6

12 January 1938

Zimbabwe: Birchenough Bridge, 11.2 km W: White, A.G.: TM: 2 [2 - 2 - 2].

Total Specimens for 12 January 1938: 2

3 March 1938

Cameroon: Mobange-Isongo: Eisentraut, Martin: SMNS: 2 [2 - 2 - 2].

Total Specimens for 3 March 1938: 2

5 March 1938

Guinea-Bissau: Madina Boé: ?: Collector Unknown: NMBE: 2 [2 - 2 - 2].

Total Specimens for 5 March 1938: 2

9 March 1938

Cameroon: Mobange-Isongo: Eisentraut, Martin: SMNS: 3 [3 - 3 - 3].

Total Specimens for 9 March 1938: 3

31 March 1938

Congo (Democratic Republic of the): Rutshuru: Frechkop, Serge: RMCA: 1 [1 - 1 - 1].

Total Specimens for 31 March 1938: 1

30 April 1938

Congo (Democratic Republic of the): Rutshuru: Frechkop, Serge: KBIN: 1 [1 - 1 - 1].

Total Specimens for 30 April 1938: 1

11 May 1938

South Africa: Eshowe: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 11 May 1938: 1

22 May 1938

Kenya: Moctow, 50 mi S [=Maktau, 50 mi S]: Goodwin, G.G.: AMNH: 1 [1 - 1 - 1].

Total Specimens for 22 May 1938: 1

29 May 1938

Congo (Democratic Republic of the): Rutshuru: Frechkop, Serge: RMCA: 1 [1 - 1 - 1].

Total Specimens for 29 May 1938: 1

22 June 1938

Congo (Democratic Republic of the): Bambesa: Vrijdagh, J.M.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 22 June 1938: 1

24 June 1938

Tanzania: Ugano plantation: Zimmer, J.T.: NMW: 1 [1 - 1 - 1].

Total Specimens for 24 June 1938: 1

12 July 1938

Zambia: Balovale: Carter, T. Donald: AMNH: 1 [1 - 1 - 1].

Total Specimens for 12 July 1938: 1

29 July 1938

Sierra Leone: Rokupr: Glanville, R.R.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 29 July 1938: 1

2 August 1938

Cameroon: Lolodorf: Good, A.I.: CM: 1 [1 - 1 - 1].

Total Specimens for 2 August 1938: 1

24 August 1938

Zambia: Balovale: Carter, T. Donald: AMNH: 1 [1 - 1 - 1].

Total Specimens for 24 August 1938: 1

2 September 1938

Zambia: Balovale: Carter, T. Donald: AMNH: 1 [1 - 1 - 1].

Total Specimens for 2 September 1938: 1

5 September 1938

Zambia: Balovale: Carter, T. Donald: AMNH: 1 [1 - 1 - 1].

Total Specimens for 5 September 1938: 1

9 September 1938

Namibia: Otjimbojo: Niethammer, G.: ZFMK: 2 [2 - 2 - 2].

Total Specimens for 9 September 1938: 2

10 September 1938

Sierra Leone: Petifu: Glanville, R.R.: BMNH: 2 [2 - 2 - 2].

Total Specimens for 10 September 1938: 2

16 September 1938

Zambia: Balovale: Carter, T. Donald; Shortridge, Capt. Guy C. and the Vernay Kaffrarian Museum Expedition: KM: 1 [1 - 1 - 1].

Total Specimens for 16 September 1938: 1

21 September 1938

Zambia: Balovale: Carter, T. Donald: AMNH: 1 [1 - 1 - 1].

Total Specimens for 21 September 1938: 1

23 September 1938

Zambia: Balovale: Carter, T. Donald: AMNH: 2 [2 - 2 - 2].

Total Specimens for 23 September 1938: 2

24 September 1938

Zambia: Balovale: Carter, T. Donald: AMNH: 1 [1 - 1 - 1].

Total Specimens for 24 September 1938: 1

25 September 1938

Zambia: Balovale: Carter, T. Donald: AMNH: 3 [3 - 3 - 3].**Total Specimens for 25 September 1938: 3**

28 September 1938

Zambia: Balovale: Carter, T. Donald; Shortridge, Capt. Guy C. and the Vernay Kaffrarian Museum Expedition: KM: 1 [1 - 1 - 1].**Total Specimens for 28 September 1938: 1**

30 September 1938

Zambia: Balovale: Carter, T. Donald: AMNH: 1 [1 - 1 - 1].**Total Specimens for 30 September 1938: 1**

2 October 1938

Zambia: Balovale: Carter, T. Donald: AMNH: 1 [1 - 1 - 1].**Total Specimens for 2 October 1938: 1**

3 October 1938

Egypt: Luxor: Nelson, H.: FMNH: 2 [2 - 2 - 2].**Total Specimens for 3 October 1938: 2**

6 October 1938

Zambia: Balovale: Carter, T. Donald: AMNH: 1 [1 - 1 - 1].**Total Specimens for 6 October 1938: 1**

8 October 1938

Zambia: Balovale: Carter, T. Donald: AMNH: 1 [1 - 1 - 1].**Total Specimens for 8 October 1938: 1**

9 October 1938

South Africa: Nyellele River: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Zambia:** Balovale: Carter, T. Donald: AMNH: 1, HZM: 1 [2 - 2 - 2].**Total Specimens for 9 October 1938: 3**

10 October 1938

Zambia: Balovale: Carter, T. Donald; Shortridge, Capt. Guy C. and the Vernay Kaffrarian Museum Expedition: SMF: 1 [1 - 1 - 1].**Total Specimens for 10 October 1938: 1**

17 October 1938

Tanzania: Matete river: Kohl-Larsen expedition, the: SMF: 1 [1 - 1 - 1].**Total Specimens for 17 October 1938: 1**

4 November 1938

Tanzania: Kizimkazi: Pakenham, R.H.W.: BMNH: 5 [5 - 5 - 5].**Total Specimens for 4 November 1938: 5**

8 November 1938

Congo (Democratic Republic of the): Pawa: Degotte: RMCA: 3 [3 - 3 - 3].

Total Specimens for 8 November 1938: 3

27 November 1938

Tanzania: Kizimkazi: Pakenham, R.H.W.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 27 November 1938: 1

8 December 1938

Tanzania: Mbweni: Pakenham, R.H.W.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 8 December 1938: 1

20 January 1939

South Africa: Compagnies Drift: Shortridge, Guy C. (Capt.): HZM: 1 [1 - 1 - 1].

Total Specimens for 20 January 1939: 1

15 February 1939

Sierra Leone: Makeni: Glanville, R.R.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 15 February 1939: 1

9 March 1939

Guinea-Bissau: Madina Boé: Monard, A. (Dr.): RMCA: 1 [1 - 1 - 1].

Total Specimens for 9 March 1939: 1

3 April 1939

Tanzania: Kitaya: Loveridge, Arthur: MCZ: 1 [1 - 1 - 1].

Total Specimens for 3 April 1939: 1

6 April 1939

South Africa: King Williamstown: ?: Collector Unknown: KM: 1 [1 - 1 - 1].

Total Specimens for 6 April 1939: 1

2 May 1939

Congo (Democratic Republic of the): Luluabourg [=Kananga]: Deheyn, Jean Jacques: RMCA: 1 [1 - 1 - 1].

Total Specimens for 2 May 1939: 1

7 May 1939

Congo (Democratic Republic of the): Luluabourg [=Kananga]: Deheyn, Jean Jacques: RMCA: 1 [1 - 1 - 1].

Total Specimens for 7 May 1939: 1

30 May 1939

Congo (Democratic Republic of the): Mongbwalu: Janssens, Dr.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 30 May 1939: 1

1 June 1939

Swaziland: Ranches LTD: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 1 June 1939: 2

11 July 1939

Malawi: Ncheu [=Ntcheu]: Benson, C.W.: TM: 1 [1 - 1 - 1].

Total Specimens for 11 July 1939: 1

25 July 1939

Tanzania: Iraku: Kohl-Larsen expedition, the: SMF: 5 [5 - 5 - 5].**Total Specimens for 25 July 1939: 5**

15 August 1939

Malawi: Ncheu [=Ntcheu]: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 15 August 1939: 1**

15 September 1939

Congo (Democratic Republic of the): Kabare: Schwetz: RMCA: 1 [1 - 1 - 1].**Malawi:** Ncheu [=Ntcheu]: Benson, C.W.: TM: 1 [1 - 1 - 1].**Total Specimens for 15 September 1939: 2**

16 September 1939

Malawi: Ncheu [=Ntcheu]: Benson, C.W.: TM: 1 [1 - 1 - 1].**Total Specimens for 16 September 1939: 1**

20 September 1939

Malawi: Ncheu [=Ntcheu]: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 20 September 1939: 1**

21 September 1939

Malawi: Ncheu [=Ntcheu]: ?: Collector Unknown: TM: 1 [1]; Benson, C.W.: TM: 2 [2 - 3 - 3].**Total Specimens for 21 September 1939: 3**

27 September 1939

Malawi: Ncheu [=Ntcheu]: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 27 September 1939: 1**

26 October 1939

Malawi: Ncheu: Benson, C.W.: TM: 1 [1 - 1] - Ncheu [=Ntcheu]: ?: Collector Unknown: TM: 3 [3 - 3 - 4].**Total Specimens for 26 October 1939: 4**

31 October 1939

Malawi: Ncheu [=Ntcheu]: Benson, C.W.: TM: 1 [1 - 1 - 1].**Total Specimens for 31 October 1939: 1**

8 November 1939

Malawi: Ncheu [=Ntcheu]: Benson, C.W.: TM: 1 [1 - 1 - 1].**Total Specimens for 8 November 1939: 1**

22 November 1939

Malawi: Ncheu [=Ntcheu]: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 22 November 1939: 1**

5 December 1939

Malawi: Chinteché: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 5 December 1939: 1**

9 February 1940

Malawi: Chintechi: ?: Collector Unknown: TM: 6 [6 - 6 - 6].

Total Specimens for 9 February 1940: 6

15 March 1940

Congo (Democratic Republic of the): Boende: Wijnant, E.P.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 15 March 1940: 1

24 April 1940

Congo (Democratic Republic of the): Bambesa: Vrijdagh, J.M.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 24 April 1940: 1

18 June 1940

South Africa: Wildeharthoek: Heyneke, B.R.T.: TM: 1 [1 - 1 - 1].

Total Specimens for 18 June 1940: 1

30 June 1940

Liberia: Monrovia: Tate, George H.H.: AMNH: 1 [1 - 1 - 1].

Total Specimens for 30 June 1940: 1

1 July 1940

South Africa: Port Elisabeth: Pringle, J.A.: HZM: 1 [1 - 1 - 1].

Total Specimens for 1 July 1940: 1

7 October 1940

South Africa: : Roberts, Austin: NHMZ: 1 [1 - 1] - Mitchells Pass: Roberts, Austin: TM: 1 [1 - 1 - 2].

Total Specimens for 7 October 1940: 2

18 October 1940

Congo (Democratic Republic of the): Bambesa: Vrijdagh, J.M.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 18 October 1940: 1

26 October 1940

South Africa: Zoetendalsvlei: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 26 October 1940: 1

5 November 1940

South Africa: Grootvadersbosch: ?: Collector Unknown: TM: 1 [1]; Roberts, Austin: TM: 1 [1 - 2 - 2].

Total Specimens for 5 November 1940: 2

6 November 1940

South Africa: Grootvadersbosch: ?: Collector Unknown: TM: 2 [2]; Roberts, Austin: TM: 4 [4 - 6 - 6].

Total Specimens for 6 November 1940: 6

7 November 1940

South Africa: Mitchells Pass: Fitzsimons, V.: TM: 1 [1 - 1 - 1].

Total Specimens for 7 November 1940: 1

18 November 1940

Sudan: Kagelu: Myers: AMNH: 1 [1 - 1 - 1].

Total Specimens for 18 November 1940: 1

16 December 1940

Kenya: Isiola: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 16 December 1940: 1

8 February 1941

South Africa: Mazelfontein: Sopper, H.: TM: 1 [1 - 1 - 1].

Total Specimens for 8 February 1941: 1

15 May 1941

Zambia: Mweru Wantipa: Bredo, H.J.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 15 May 1941: 1

10 August 1941

Namibia: Oserikari: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 10 August 1941: 1

23 August 1941

South Africa: King Williamstown: Benkenstein: KM: 1 [1 - 1 - 1].

Total Specimens for 23 August 1941: 1

14 September 1941

Namibia: Ombu: Roberts, Austin: TM: 3 [3 - 3 - 3].

Total Specimens for 14 September 1941: 3

17 September 1941

Namibia: Ombu: Roberts, Austin: TM: 4 [4 - 4 - 4].

Total Specimens for 17 September 1941: 4

18 September 1941

Namibia: : Roberts, Austin: TM: 1 [1 - 1] - Ombu: Roberts, Austin: TM: 6 [6 - 6 - 7].

Total Specimens for 18 September 1941: 7

19 September 1941

Namibia: : Roberts, Austin: TM: 1 [1 - 1] - Ombu: ?: Collector Unknown: TM: 1 [1]; Roberts, Austin: TM: 7 [7 - 8 - 9].

Total Specimens for 19 September 1941: 9

20 September 1941

Namibia: Ombu: ?: Collector Unknown: TM: 1 [1]; Roberts, Austin: TM: 3 [3 - 4 - 4].

Total Specimens for 20 September 1941: 4

22 September 1941

Botswana: unknown locality: Arnold, H.G.: TM: 1 [1 - 1 - 1].

Namibia: Ombu: Roberts, Austin: SMF: 1, TM: 10 [11 - 11 - 11].

Total Specimens for 22 September 1941: 12

13 October 1941

Namibia: New Dam: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 13 October 1941: 1

7 February 1942

Congo (Democratic Republic of the): Yangambi: Van Boven, R.P.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 7 February 1942: 1

27 March 1942

Cameroon: Ebolowa: ?: Collector Unknown: CM: 1 [1 - 1 - 1].

Total Specimens for 27 March 1942: 1

25 October 1942

Congo (Democratic Republic of the): Bosodula: Vrijdagh, J.M.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 25 October 1942: 1

12 April 1943

Zambia: Kasempa: Button, E.J.: TM: 1 [1 - 1 - 1].

Total Specimens for 12 April 1943: 1

27 May 1943

South Africa: King Williamstown: ?: Collector Unknown: KM: 1 [1 - 1 - 1].

Total Specimens for 27 May 1943: 1

1 December 1943

Zambia: Abercorn: Lancaster, D.G.: KM: 1 [1 - 1 - 1].

Total Specimens for 1 December 1943: 1

6 December 1943

South Africa: King Williamstown: Domion: KM: 1 [1 - 1 - 1].

Total Specimens for 6 December 1943: 1

7 April 1944

Tanzania: Zanzibar: Pakenham, R.H.W.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 7 April 1944: 1

1 July 1944

Zambia: Lunyuwi river: Robinson, G.G.: HZM: 1 [1 - 1 - 1].

Total Specimens for 1 July 1944: 1

3 January 1945

Guinea-Bissau: Ponta de Marques Mano: Frade, F.: CZL: 1 [1 - 1 - 1].

Total Specimens for 3 January 1945: 1

10 July 1945

Zimbabwe: Chikupo Caves: Masterson, H.B. (Mr.): TM: 1 [1 - 1 - 1].

Total Specimens for 10 July 1945: 1

30 July 1945

South Africa: Dongolakop: Pole Evans, I.B. (Dr.): TM: 1 [1 - 1 - 1].

Total Specimens for 30 July 1945: 1

12 August 1945

Uganda: West Mengo: Cade, C.E.: FMNH: 1 [1 - 1 - 1].**Total Specimens for 12 August 1945: 1**

14 August 1945

Zimbabwe: Bindura: ?: Collector Unknown: TM: 4 [4 - 4 - 4].**Total Specimens for 14 August 1945: 4**

19 September 1945

Ghana: Oda: Cansdale, George Soper: BMNH: 1 [1 - 1 - 1].**Total Specimens for 19 September 1945: 1**

21 September 1945

Ghana: Oda: Cansdale, George Soper: BMNH: 1 [1 - 1 - 1].**Total Specimens for 21 September 1945: 1**

2 November 1945

South Africa: Duivelskloof: Ashley Maberly: TM: 1 [1 - 1 - 1].**Total Specimens for 2 November 1945: 1**

3 November 1945

Ghana: Oda: Cansdale, George Soper: BMNH: 1 [1 - 1 - 1].**Total Specimens for 3 November 1945: 1**

17 November 1945

Ghana: Oda: Cansdale, George Soper: BMNH: 1 [1 - 1 - 1].**Total Specimens for 17 November 1945: 1**

27 December 1945

Guinea-Bissau: Bissoram: ?: Collector Unknown: CZL: 1 [1 - 1] - Mansoa: Frade, F.: CZL: 1 [1 - 1 - 2].**Total Specimens for 27 December 1945: 2**

20 February 1946

South Africa: New Muckleneuk: Roberts, R.A.: TM: 1 [1 - 1 - 1].**Total Specimens for 20 February 1946: 1**

6 March 1946

Guinea-Bissau: Catió: ?: Collector Unknown: CZL: 1 [1 - 1 - 1].**Total Specimens for 6 March 1946: 1**

3 April 1946

Guinea-Bissau: Pitche: ?: Collector Unknown: CZL: 1 [1 - 1 - 1].**Total Specimens for 3 April 1946: 1**

18 April 1946

Congo (Democratic Republic of the): Zobia: Van Woensel, R.P.: KBIN: 1 [1 - 1 - 1].**Total Specimens for 18 April 1946: 1**

10 July 1946

Malawi: Kota-Kota: Shortridge, Guy C. (Capt.): KM: 2 [2 - 2 - 2].

Total Specimens for 10 July 1946: 2

29 July 1946

Congo (Democratic Republic of the): Yangambi: Gilbert, G.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 29 July 1946: 1

8 August 1946

Congo (Democratic Republic of the): Yangambi: Gilbert, G.: KBIN: 1, RMCA: 1 [2 - 2 - 2].
Malawi: Nkhota-Kota: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1 - 1].

Total Specimens for 8 August 1946: 3

10 August 1946

Malawi: Kota-Kota: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1 - 1].

Total Specimens for 10 August 1946: 1

11 August 1946

Malawi: Nkhota-Kota: Anthony, Harold Elmer: AMNH: 1 [1 - 1 - 1].

Total Specimens for 11 August 1946: 1

12 August 1946

Malawi: Nkhota-Kota: Shortridge, Guy C. (Capt.): KM: 2 [2 - 2 - 2].

Total Specimens for 12 August 1946: 2

15 August 1946

Malawi: Nkhota-Kota: Shortridge, Guy C. (Capt.): KM: 2 [2 - 2 - 2].

Total Specimens for 15 August 1946: 2

17 August 1946

Malawi: Kota-Kota: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1 - 1].

Total Specimens for 17 August 1946: 1

12 September 1946

Congo (Democratic Republic of the): Teturi: Hiernaux, J.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 12 September 1946: 1

1 December 1946

Congo (Democratic Republic of the): Kakondo: Hendrickx, F.L.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 1 December 1946: 1

11 December 1946

Congo (Democratic Republic of the): Makengo: Darteville, Dr.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 11 December 1946: 1

14 January 1947

Cameroon: Kribi: Aellen, Villy and Monard, A.: MHNG: 1 [1 - 1 - 1].

Total Specimens for 14 January 1947: 1

31 January 1947

South Africa: King Williamstown: ?: Collector Unknown: KM: 1 [1 - 1 - 1].

Total Specimens for 31 January 1947: 1

8 February 1947

South Africa: Farm Keikamspoor 71: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

Total Specimens for 8 February 1947: 1

12 February 1947

Congo (Democratic Republic of the): Muhungu: Hendrickx, F.L.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 12 February 1947: 1

23 March 1947

Congo (Democratic Republic of the): Teturi: Hiernaux, J.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 23 March 1947: 1

24 March 1947

Congo (Democratic Republic of the): Teturi: Hiernaux, J.: KBIN: 2 [2 - 2 - 2].

Total Specimens for 24 March 1947: 2

16 April 1947

Congo (Democratic Republic of the): Baraka: ?: Collector Unknown: BMNH: 2 [2 - 2 - 2].

Total Specimens for 16 April 1947: 2

26 May 1947

South Africa: Bloemfontein: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 26 May 1947: 1

10 June 1947

Zimbabwe: Umtali Old Mine: Miller, N.C.E.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 10 June 1947: 1

12 June 1947

Congo (Democratic Republic of the): Lusinga: de Witte, G.F. et al: KBIN: 1 [1 - 1 - 1].

Total Specimens for 12 June 1947: 1

25 June 1947

South Africa: Sterkfontein caves: Robinson, A.: TM: 1 [1 - 1 - 1].

Total Specimens for 25 June 1947: 1

2 July 1947

South Africa: Dongolakop: Pole Evans, G.E. (Dr.): TM: 1 [1]; Pole Evans, I.B. (Dr.): TM: 1 [1 - 2 - 2].

Total Specimens for 2 July 1947: 2

11 July 1947

Cameroon: Ngaouyanga: Monard, A. (Dr.) and Aellen, Villy: MHNC: 1 [1 - 1 - 1].

Total Specimens for 11 July 1947: 1

14 July 1947

Sierra Leone: Njala: Jones, Theo Simpson: BMNH: 2 [2 - 2 - 2].

Total Specimens for 14 July 1947: 2

16 July 1947

Congo (Democratic Republic of the): Elila: Poll, Max: RMCA: 1 [1 - 1 - 1].**Total Specimens for 16 July 1947: 1**

16 September 1947

Cameroon: Rei Bouba: Aellen, Villy: MHNG: 1 [1 - 1 - 1].**Total Specimens for 16 September 1947: 1**

1 October 1947

Congo (Democratic Republic of the): Kaswabilenga: de Witte, G.F. et al: KBIN: 1 [1 - 1 - 1].**Total Specimens for 1 October 1947: 1**

8 October 1947

Congo (Democratic Republic of the): Kaswabilenga: de Witte, G.F. et al: KBIN: 1 [1 - 1 - 1].**Total Specimens for 8 October 1947: 1**

10 November 1947

Congo (Democratic Republic of the): Yangambi: Gilbert, G.: KBIN: 1 [1 - 1 - 1].**Total Specimens for 10 November 1947: 1**

25 November 1947

Congo (Democratic Republic of the): Kateke: de Witte, G.F. et al: KBIN: 1 [1 - 1 - 1].**Total Specimens for 25 November 1947: 1**

26 November 1947

Congo (Democratic Republic of the): Gangala-na-Bodio: Micha, M.: KBIN: 1 [1 - 1] - Kateke: de Witte, G.F. et al: KBIN: 4 [4 - 4 - 5].**Total Specimens for 26 November 1947: 5**

27 November 1947

Congo (Democratic Republic of the): Kateke: de Witte, G.F. et al: KBIN: 9 [9 - 9 - 9].**Total Specimens for 27 November 1947: 9**

1 December 1947

Congo (Democratic Republic of the): Kateke: de Witte, G.F. et al: KBIN: 8 [8 - 8 - 8].**Total Specimens for 1 December 1947: 8**

4 December 1947

Congo (Democratic Republic of the): Kateke: de Witte, G.F. et al: KBIN: 9 [9 - 9 - 9].**Total Specimens for 4 December 1947: 9**

16 December 1947

South Africa: King Williamstown: Arends, N.P.: AMNH: 1 [1 - 1 - 1].**Total Specimens for 16 December 1947: 1**

8 January 1948

Sierra Leone: Bonthe: Jones, Theo Simpson: BMNH: 1 [1 - 1 - 1].

Total Specimens for 8 January 1948: 1

12 January 1948

Congo (Democratic Republic of the): Lusinga: de Witte, G.F. et al: KBIN: 1 [1 - 1 - 1].**Total Specimens for 12 January 1948: 1**

21 January 1948

Somalia: Hargeisa: MacFayden, W.A.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 21 January 1948: 1**

5 February 1948

Zambia: Abercorn: Bredo, H.J.: KBIN: 1 [1 - 1 - 1].**Total Specimens for 5 February 1948: 1**

9 February 1948

Benin: no specific locality: Rosevear, D.R. (dr.): BMNH: 1 [1 - 1 - 1].**Total Specimens for 9 February 1948: 1**

19 February 1948

Zambia: Kasempa Boma: Ansell, W.F.H.: KM: 1 [1 - 1 - 1].**Total Specimens for 19 February 1948: 1**

5 April 1948

Congo (Democratic Republic of the): Gangala-na-Bodio: Hediger and Verschuren, Jacques: KBIN: 1 [1 - 1 - 1].**Total Specimens for 5 April 1948: 1**

9 April 1948

Congo (Democratic Republic of the): Gangala-na-Bodio: Hediger and Verschuren, Jacques: KBIN: 1 [1 - 1 - 1].**Total Specimens for 9 April 1948: 1**

10 April 1948

Congo (Democratic Republic of the): Gangala-na-Bodio: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].**Total Specimens for 10 April 1948: 1**

15 April 1948

Sudan: Kapoeta: Hoogstraal, Harry H.: USNM: 1 [1 - 1 - 1].**Total Specimens for 15 April 1948: 1**

16 April 1948

Congo (Democratic Republic of the): Wilibadi river: Hediger and Verschuren, Jacques: KBIN: 4 [4 - 4 - 4].**Total Specimens for 16 April 1948: 4**

6 May 1948

Congo (Democratic Republic of the): Gangala-na-Bodio: Hediger and Verschuren, Jacques: KBIN: 1 [1 - 1 - 1].**Total Specimens for 6 May 1948: 1**

7 May 1948

Congo (Democratic Republic of the): Gangala-na-Bodio: Hediger and Verschuren, Jacques: KBIN: 1 [1 - 1] - Kiamokoto: de Witte, G.F. et al: KBIN: 1 [1 - 1 - 2].**Total Specimens for 7 May 1948: 2**

24 May 1948

Congo (Democratic Republic of the): Teturi: Hiernaux, J.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 24 May 1948: 1

25 May 1948

Congo (Democratic Republic of the): Teturi: Hiernaux, J.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 25 May 1948: 1

2 June 1948

Congo (Democratic Republic of the): Munoi confluence: de Witte, G.F. et al: KBIN: 3 [3 - 3 - 3].

Total Specimens for 2 June 1948: 3

7 July 1948

Congo (Democratic Republic of the): Kiamokoto: de Witte, G.F. et al: KBIN: 1 [1 - 1 - 1].

Total Specimens for 7 July 1948: 1

31 July 1948

Sierra Leone: Freetown: Jones, Theo Simpson: BMNH: 1 [1 - 1 - 1].

The Gambia: Makka: Buxton, A.P. and the Oxford University Expedition: BMNH: 1 [1 - 1 - 1].

Total Specimens for 31 July 1948: 2

24 August 1948

The Gambia: Kuntaur, 10 mi SE: Buxton, A.P. and the Oxford University Expedition: BMNH: 1 [1 - 1 - 1].

Total Specimens for 24 August 1948: 1

26 August 1948

Sierra Leone: Bonthe: Jones, Theo Simpson: ROM: 1 [1 - 1 - 1].

Total Specimens for 26 August 1948: 1

13 September 1948

Tanzania: Banagi: Swynnerton, G.H.: BMNH: 2 [2 - 2 - 2].

Total Specimens for 13 September 1948: 2

17 September 1948

Congo (Democratic Republic of the): Teturi: Hiernaux, J.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 17 September 1948: 1

19 October 1948

Zimbabwe: Odzi district: Miller, N.C.E.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 19 October 1948: 1

12 November 1948

Mozambique: Manhiça: ?: Collector Unknown: CZL: 2 [2 - 2 - 2].

Total Specimens for 12 November 1948: 2

24 November 1948

Sierra Leone: Bonthe: Jones, Theo Simpson: ROM: 1 [1 - 1 - 1].

Total Specimens for 24 November 1948: 1

1 December 1948

Congo (Democratic Republic of the): Kanzenze: Leleup, N.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 1 December 1948: 1

11 February 1949

Congo (Democratic Republic of the): Mabwe river: de Witte, G.F. et al: KBIN: 2 [2 - 2 - 2].

Total Specimens for 11 February 1949: 2

28 February 1949

Sudan: Lafon: Owen, J.S.: ZMUC: 2 [2 - 2 - 2].

Total Specimens for 28 February 1949: 2

1 March 1949

Congo (Democratic Republic of the): Mabwe river: de Witte, G.F. et al: KBIN: 6 [6 - 6 - 6].

Total Specimens for 1 March 1949: 6

5 March 1949

Sudan: Torit: Owen, J.S.: ZMUC: 1 [1 - 1 - 1].

Total Specimens for 5 March 1949: 1

18 March 1949

Sudan: Luem: Owen, J.S.: ZMUC: 1 [1 - 1 - 1].

Total Specimens for 18 March 1949: 1

20 April 1949

Congo (Democratic Republic of the): Banana creek: MBizi, exp.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 20 April 1949: 1

3 July 1949

Zambia: Lunga pontoon: Ansell, W.F.H.: BMNH: 2, KM: 2 [4 - 4 - 4].

Total Specimens for 3 July 1949: 4

7 July 1949

Namibia: Nampini: Carp, B.: KM: 1 [1 - 1 - 1].

Total Specimens for 7 July 1949: 1

18 July 1949

Cameroon: Ngaaouyanga: Aellen, Villy: MHNG: 1 [1 - 1 - 1].

Total Specimens for 18 July 1949: 1

30 July 1949

Sudan: Torit: Owen, J.S.: ZMUC: 1 [1 - 1 - 1].

Total Specimens for 30 July 1949: 1

4 August 1949

South Africa: Sterkfontein caves: ?: Collector Unknown: TM: 1 [1]; Lundholm, B.: TM: 4 [4 - 5 - 5].

Total Specimens for 4 August 1949: 5

9 August 1949

Namibia: Chobe River Farm: ?: Collector Unknown: TM: 1 [1 - 1] - Nampini: ?: Collector Unknown: TM: 2 [2]; Arends, N.P.: AMNH: 1 [1]; Carp, B.: KM: 1, TM: 2 [3 - 6 - 7].

Total Specimens for 9 August 1949: 7

10 August 1949

Congo (Democratic Republic of the): Mabwe river: de Witte, G.F. et al: KBIN: 6 [6 - 6 - 6].

Total Specimens for 10 August 1949: 6

18 September 1949

Malawi: Mwaya: Milton: BMNH: 1 [1 - 1 - 1].

Total Specimens for 18 September 1949: 1

8 November 1949

Congo (Democratic Republic of the): Gangala-na-Bodio: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 8 November 1949: 1

22 November 1949

Congo (Democratic Republic of the): M'Pala, Kazenze: Lefebure, R.P.: KBIN: 5 [5 - 5 - 5].

Total Specimens for 22 November 1949: 5

27 November 1949

Sudan: Torit: Hoogstraal, Harry H.: FMNH: 2 [2 - 2 - 2].

Total Specimens for 27 November 1949: 2

5 December 1949

Sudan: Torit: Hoogstraal, Harry H.: FMNH: 2 [2 - 2 - 2].

Total Specimens for 5 December 1949: 2

8 December 1949

Sudan: Torit: Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 8 December 1949: 1

12 December 1949

Sudan: Torit: Owen, J.S.: ZMUC: 1 [1 - 1 - 1].

Total Specimens for 12 December 1949: 1

20 December 1949

Sudan: Lafon: Owen, J.S.: ZMUC: 2 [2 - 2 - 2].

Total Specimens for 20 December 1949: 2

1 January 1950

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: RMCA: 1 [1 - 1] - Kere Kere: Turco, Dr.: RMCA: 2 [2 - 2 - 3].

Total Specimens for 1 January 1950: 3

5 January 1950

Congo (Democratic Republic of the): Paulis [=Isiro]: Abbeloos: RMCA: 1 [1 - 1 - 1].

Sudan: Torit: Owen, J.S.: ZMUC: 4 [4 - 4 - 4].

Total Specimens for 5 January 1950: 5

12 January 1950

Sudan: Lobira: Owen, J.S.: ZMUC: 3 [3 - 3 - 3].

Total Specimens for 12 January 1950: 3

5 February 1950

Kenya: Namanga: Queeny, E.M.: AMNH: 1 [1 - 1 - 1].

Total Specimens for 5 February 1950: 1

8 February 1950

Sudan: Torit: Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 8 February 1950: 1

10 February 1950

Ethiopia: Wadere: Peper: BMNH: 1 [1 - 1 - 1].

Total Specimens for 10 February 1950: 1

13 February 1950

Congo (Democratic Republic of the): Ibembo: Hutsebaut, J. (Rev. Fr.): RMCA: 1 [1 - 1 - 1].

Total Specimens for 13 February 1950: 1

20 February 1950

Mozambique: Milepa: Vesey-FitzGerald, L.D.E.F. (Col.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 20 February 1950: 1

24 February 1950

Congo (Democratic Republic of the): Bagbele: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 24 February 1950: 1

27 February 1950

Sudan: Imatong: Owen, J.S.: ZMUC: 1 [1 - 1 - 1].

Total Specimens for 27 February 1950: 1

1 March 1950

Egypt: Zokila: Wells, W.H.: USNM: 4 [4 - 4 - 4].

Total Specimens for 1 March 1950: 4

5 March 1950

Sudan: Torit: Queeny, E.M.: AMNH: 1 [1 - 1 - 1].

Total Specimens for 5 March 1950: 1

13 March 1950

Sudan: Mongalla: Owen, J.S.: ZMUC: 3 [3 - 3 - 3].

Total Specimens for 13 March 1950: 3

15 March 1950

Sudan: Mongalla: Owen, J.S.: ZMUC: 1 [1 - 1 - 1].

Total Specimens for 15 March 1950: 1

16 March 1950

Sudan: Loa: Owen, J.S.: ZMUC: 1 [1 - 1] - Nimule: Queeny, E.M.: AMNH: 2 [2 - 2 - 3].

Total Specimens for 16 March 1950: 3

17 March 1950

Sudan: Mongalla: Owen, J.S.: ZMUC: 1 [1 - 1 - 1].**Total Specimens for 17 March 1950: 1**

20 March 1950

Sudan: Nimule: Queeny, E.M.: AMNH: 1 [1 - 1 - 1].**Total Specimens for 20 March 1950: 1**

25 March 1950

Sudan: Nyibor, lake: Queeny, E.M.: AMNH: 5 [5 - 5 - 5].**Total Specimens for 25 March 1950: 5**

28 March 1950

Sudan: Nyibor, lake: Queeny, E.M.: AMNH: 1 [1 - 1 - 1].**Total Specimens for 28 March 1950: 1**

31 March 1950

Sudan: Nyibor, lake: Queeny, E.M.: AMNH: 1 [1 - 1 - 1].**Total Specimens for 31 March 1950: 1**

3 April 1950

Congo (Democratic Republic of the): Bagbele: de Saeger, H. et al.: KBIN: 3 [3 - 3] - Garamba Park: de Saeger, H. et al.: RMCA: 1 [1 - 1 - 4].**Total Specimens for 3 April 1950: 4**

11 April 1950

Congo (Democratic Republic of the): Mutsora Station: de Wilde, J.: KBIN: 1 [1 - 1 - 1].**Total Specimens for 11 April 1950: 1**

13 April 1950

Congo (Democratic Republic of the): Bagbele: de Saeger, H. et al.: KBIN: 2 [2 - 2 - 2].**Total Specimens for 13 April 1950: 2**

15 April 1950

Congo (Democratic Republic of the): Bagbele: de Saeger, H. et al.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 15 April 1950: 1**

30 April 1950

Congo (Democratic Republic of the): Bagbele: de Saeger, H. et al.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 30 April 1950: 1**

3 May 1950

Rwanda: Butare: Aurilien, Rv. Fr.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 3 May 1950: 1**

20 May 1950

Egypt: : Hoogstraal, Harry H.: FMNH: 2 [2 - 2 - 2].

Total Specimens for 20 May 1950: 2

5 June 1950

Zimbabwe: Sabi-Lundi junction: Carp, B.: TM: 1 [1 - 1 - 1].**Total Specimens for 5 June 1950: 1**

7 June 1950

Djibouti: Ali-Sabieh: Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 1].**Total Specimens for 7 June 1950: 1**

25 June 1950

Egypt: Kom Hamada: Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 1].**Total Specimens for 25 June 1950: 1**

4 July 1950

Djibouti: Djibouti: Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 1].**Total Specimens for 4 July 1950: 1**

6 July 1950

Djibouti: Ali-Sabieh: Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 1].**Total Specimens for 6 July 1950: 1**

18 July 1950

Algeria: Djelfa: Laenen, J.: ZFMK: 1 [1 - 1 - 1].**Total Specimens for 18 July 1950: 1**

21 July 1950

Sudan: Loa: Owen, J.S.: FMNH: 1 [1 - 1 - 1].**Total Specimens for 21 July 1950: 1**

4 August 1950

Sudan: Torit: Owen, J.S.: FMNH: 2 [2 - 2 - 2].**Total Specimens for 4 August 1950: 2**

9 August 1950

Sudan: Torit: Owen, J.S.: FMNH: 1 [1 - 1 - 1].**Total Specimens for 9 August 1950: 1**

7 September 1950

Kenya: Athi river: Cade, C.E.: FMNH: 1 [1 - 1 - 1].**Total Specimens for 7 September 1950: 1**

11 September 1950

Tanzania: Songea: Ionides, C.J.P.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 11 September 1950: 1**

13 September 1950

Congo (Democratic Republic of the): Lwiro: Prigogine, A.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 13 September 1950: 1**

16 September 1950

Congo (Democratic Republic of the): Tshibinda: Hendrickx, F.L.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 16 September 1950: 1

5 October 1950

Congo (Democratic Republic of the): Dungu: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 5 October 1950: 1

17 October 1950

"Congo": : Zoo Antwerpen: KBIN: 1 [1 - 1 - 1].

Total Specimens for 17 October 1950: 1

9 November 1950

Uganda: Entebbe: Buxton, A.P.: AMNH: 1 [1 - 1 - 1].

Total Specimens for 9 November 1950: 1

25 November 1950

Tanzania: Turiani: Cade, C.E.: FMNH: 2 [2 - 2 - 2].

Total Specimens for 25 November 1950: 2

9 December 1950

Botswana: Mohebo: Larson, Tom: KU: 4 [4 - 4 - 4].

Total Specimens for 9 December 1950: 4

10 December 1950

Congo (Democratic Republic of the): Paulis [=Isiro]: Abbeeloos: RMCA: 1 [1 - 1 - 1].

Total Specimens for 10 December 1950: 1

22 December 1950

South Africa: Onderstepoort: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Sudan: Gilo: Owen, J.S.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 22 December 1950: 2

27 December 1950

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 27 December 1950: 1

30 December 1950

Sudan: Torit: Owen, J.S.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 30 December 1950: 1

31 December 1950

Sudan: Torit: Owen, J.S.: FMNH: 2 [2 - 2 - 2].

Total Specimens for 31 December 1950: 2

1 January 1951

Congo (Democratic Republic of the): Wago, mount: Fain, Alexandre (Dr.): RMCA: 2 [2 - 2 - 2].

Total Specimens for 1 January 1951: 2

7 January 1951

Zimbabwe: Gorgman: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 7 January 1951: 1

18 January 1951

Congo (Democratic Republic of the): Bagunda: de Saeger, H. et al.: KBIN: 1 [1 - 1] - Garamba Park: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 2].

Zimbabwe: Inyanga: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 18 January 1951: 3

23 January 1951

Sudan: Torit: Owen, J.S.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 23 January 1951: 1

25 January 1951

Sudan: Torit: Owen, J.S.: FMNH: 1, ZMUC: 1 [2 - 2 - 2].

Total Specimens for 25 January 1951: 2

30 January 1951

Congo (Democratic Republic of the): Wilibadi river: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Sudan: Loa: Owen, J.S.: ZMUC: 1 [1 - 1 - 1].

Total Specimens for 30 January 1951: 2

2 February 1951

South Africa: Pietermaritzburg: Clancey, P.A.: HZM: 1 [1 - 1 - 1].

Total Specimens for 2 February 1951: 1

16 February 1951

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 16 February 1951: 1

19 February 1951

Sudan: Torit: Owen, J.S.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 19 February 1951: 1

21 February 1951

South Africa: Pretoria: ?: Collector Unknown: MZUF: 1 [1 - 1 - 1].

Total Specimens for 21 February 1951: 1

1 March 1951

Congo (Democratic Republic of the): Cellule II: de Saeger, H. et al.: RMCA: 1 [1 - 1] - Garamba Park: de Saeger, H. et al.: KBIN: 1, RMCA: 1 [2 - 2 - 3].

Total Specimens for 1 March 1951: 3

7 March 1951

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 7 March 1951: 1

12 March 1951

Egypt: Abu Rawash: Hoogstraal, Harry H.: USNM: 1 [1 - 1 - 1].

Total Specimens for 12 March 1951: 1

14 March 1951

Egypt: Gizeh piramide: Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 14 March 1951: 1

16 March 1951

Congo (Democratic Republic of the): Cellule II: de Saeger, H. et al.: RMCA: 2 [2 - 2] - Garamba Park: de Saeger, H. et al.: KBIN: 5, RMCA: 1 [6 - 6 - 8].

Egypt: Saqqara: Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 16 March 1951: 9

17 March 1951

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 1, RMCA: 1 [2 - 2 - 2].

Total Specimens for 17 March 1951: 2

26 March 1951

Sudan: Torit: Owen, J.S.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 26 March 1951: 1

27 March 1951

Zimbabwe: Gourlays Block: National Museum Bulawayo, the: BMNH: 1 [1 - 1 - 1].

Total Specimens for 27 March 1951: 1

30 March 1951

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 2, RMCA: 2 [4 - 4 - 4].

Total Specimens for 30 March 1951: 4

2 April 1951

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 1, RMCA: 1 [2 - 2 - 2].

Total Specimens for 2 April 1951: 2

4 April 1951

Sudan: Lafon: Owen, J.S.: ZMUC: 3 [3 - 3 - 3].

Total Specimens for 4 April 1951: 3

5 April 1951

Congo (Democratic Republic of the): Kassi river: de Saeger, H. et al.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 5 April 1951: 1

9 April 1951

Sudan: Katire: Owen, J.S.: FMNH: 2 [2 - 2 - 2].

Total Specimens for 9 April 1951: 2

12 April 1951

Congo (Democratic Republic of the): Maleli: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 12 April 1951: 1

19 April 1951

Congo (Democratic Republic of the): Uvira: Lambrecht, F.L.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 19 April 1951: 1

22 April 1951

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 22 April 1951: 1

4 May 1951

Sudan: Torit: Owen, J.S.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 4 May 1951: 1

6 May 1951

Sudan: Ikoto: Owen, J.S.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 6 May 1951: 1

9 May 1951

Sudan: Torit: Owen, J.S.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 9 May 1951: 1

12 May 1951

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 12 May 1951: 1

18 May 1951

Congo (Democratic Republic of the): Bokuma: Lootens, P. (Rev.): RMCA: 1 [1 - 1 - 1].

Total Specimens for 18 May 1951: 1

20 May 1951

Sudan: Katire: Owen, J.S.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 20 May 1951: 1

21 May 1951

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 2 [2 - 2 - 2].

Total Specimens for 21 May 1951: 2

22 May 1951

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 22 May 1951: 1

26 May 1951

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 26 May 1951: 1

27 May 1951

Sudan: Torit: Owen, J.S.: ZMUC: 5 [5 - 5 - 5].

Total Specimens for 27 May 1951: 5

31 May 1951

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: RMCA: 1 [1 - 1 - 1].

Sudan: Torit: Owen, J.S.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 31 May 1951: 2

1 June 1951

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 1 [1 - 1] - Wago Forest: ?: Collector Unknown: RMCA: 1 [1 - 1 - 2].

South Africa: Pietermaritzburg: Clancey, P.A.: HZM: 1 [1 - 1 - 1].

Total Specimens for 1 June 1951: 3

6 June 1951

Congo (Democratic Republic of the): Bokuma: Lootens, P. (Rev.): RMCA: 1 [1 - 1 - 1].

Total Specimens for 6 June 1951: 1

8 June 1951

Congo (Democratic Republic of the): Cellule II: de Saeger, H. et al.: RMCA: 2 [2 - 2 - 2].

Total Specimens for 8 June 1951: 2

11 June 1951

Congo (Democratic Republic of the): Maleli: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 11 June 1951: 1

12 June 1951

Sudan: Katire: Owen, J.S.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 12 June 1951: 1

13 June 1951

Congo (Democratic Republic of the): Maleli: de Saeger, H. et al.: RMCA: 1 [1 - 1] - Marari: de Saeger, H. et al.: KBIN: 1 [1 - 1] - Morubia: de Saeger, H. et al.: RMCA: 1 [1 - 1 - 3].

Total Specimens for 13 June 1951: 3

14 June 1951

Congo (Democratic Republic of the): Maleli: de Saeger, H. et al.: RMCA: 1 [1 - 1] - Morubia: de Saeger, H. et al.: RMCA: 1 [1 - 1 - 2].

Total Specimens for 14 June 1951: 2

23 June 1951

Namibia: Swartbooisdrift: Carp, B.: TM: 1 [1 - 1 - 1].

Total Specimens for 23 June 1951: 1

25 June 1951

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 25 June 1951: 1

29 June 1951

Namibia: Ohopoho: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 29 June 1951: 1

7 July 1951

Sudan: Torit: Owen, J.S.: ZMUC: 2 [2 - 2 - 2].

Total Specimens for 7 July 1951: 2

8 July 1951

Congo (Democratic Republic of the): Mogbwamu river, upper: de Saeger, H. et al.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 8 July 1951: 1

9 July 1951

Sudan: Nagishot: Owen, J.S.: ZMUC: 1 [1 - 1 - 1].**Total Specimens for 9 July 1951: 1**

10 July 1951

Congo (Democratic Republic of the): Makpe river, upper: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].**Total Specimens for 10 July 1951: 1**

12 July 1951

Congo (Democratic Republic of the): Makpe river, upper: de Saeger, H. et al.: KBIN: 1, RMCA: 2 [3 - 3 - 3].**Total Specimens for 12 July 1951: 3**

13 July 1951

Congo (Democratic Republic of the): Makpe river, upper: de Saeger, H. et al.: KBIN: 3 [3 - 3 - 3].**Total Specimens for 13 July 1951: 3**

14 July 1951

Congo (Democratic Republic of the): Makpe river, upper: de Saeger, H. et al.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 14 July 1951: 1**

19 July 1951

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 2, RMCA: 1 [3 - 3 - 3].**Total Specimens for 19 July 1951: 3**

21 July 1951

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 3, RMCA: 2 [5 - 5 - 5].**Total Specimens for 21 July 1951: 5**

23 July 1951

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].**Total Specimens for 23 July 1951: 1**

10 August 1951

Congo (Democratic Republic of the): Aba: de Saeger, H. et al.: KBIN: 3 [3 - 3 - 3].**Total Specimens for 10 August 1951: 3**

17 August 1951

Algeria: Ténès: Strinati, P.: MHNG: 1 [1 - 1 - 1].**Total Specimens for 17 August 1951: 1**

21 August 1951

Congo (Democratic Republic of the): Ibembo: Hutsebaut, J. (Rev. Fr.): RMCA: 1 [1 - 1 - 1].**Total Specimens for 21 August 1951: 1**

23 August 1951

Kenya: Ijara: Perry, R.C.: BMNH: 3 [3 - 3 - 3].**Sudan:** Fula Rapids: Owen, J.S.: FMNH: 1 [1 - 1 - 1].**Total Specimens for 23 August 1951: 4**

12 September 1951

Sudan: Ngangala, 20 mi N: Owen, J.S.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 12 September 1951: 1

25 September 1951

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 25 September 1951: 1

25 October 1951

Congo (Democratic Republic of the): Korovi, mount: Fain, Alexandre (Dr.): RMCA: 1 [1 - 1 - 1].

Total Specimens for 25 October 1951: 1

10 November 1951

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 10 November 1951: 1

3 December 1951

Congo (Democratic Republic of the): Ndelele: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 3 December 1951: 1

11 December 1951

Tanzania: Liwale: Ionides, C.J.P.: HZM: 1 [1 - 1 - 1].

Total Specimens for 11 December 1951: 1

15 January 1952

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 1, RMCA: 1 [2 - 2 - 2].

Total Specimens for 15 January 1952: 2

20 January 1952

Congo (Democratic Republic of the): Keyberg: Rahm, Uwe: RMCA: 2 [2 - 2 - 2].
Sudan: Lawudo: Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 20 January 1952: 3

29 January 1952

Burundi: Nyanza, territory: Laurent, R. (Prof. Dr.): RMCA: 1 [1 - 1 - 1].

Total Specimens for 29 January 1952: 1

30 January 1952

Congo (Democratic Republic of the): Bokuma: Lootens, P. (Rev.): RMCA: 2 [2 - 2 - 2].

Total Specimens for 30 January 1952: 2

31 January 1952

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 4, RMCA: 3 [7 - 7 - 7].

Total Specimens for 31 January 1952: 7

1 February 1952

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 1, RMCA: 1 [2 - 2 - 2].

Total Specimens for 1 February 1952: 2

7 February 1952

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 3 [3 - 3] - PFNK 15 + 16: de Saeger, H. et al.: RMCA: 1 [1 - 1 - 4].

Total Specimens for 7 February 1952: 4

12 February 1952

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: RMCA: 2 [2 - 2 - 2].

Total Specimens for 12 February 1952: 2

16 February 1952

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 16 February 1952: 1

18 February 1952

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 3 [3 - 3 - 3].

Total Specimens for 18 February 1952: 3

25 February 1952

Congo (Democratic Republic of the): Cellule II: de Saeger, H. et al.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 25 February 1952: 1

26 February 1952

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 2, RMCA: 1 [3 - 3 - 3].

Total Specimens for 26 February 1952: 3

27 February 1952

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 27 February 1952: 1

28 February 1952

Sudan: Torit: Owen, J.S.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 28 February 1952: 1

1 March 1952

South Africa: Marone: Zumpt, F. (dr.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 1 March 1952: 1

2 March 1952

Congo (Democratic Republic of the): Bokuma: Lootens, P. (Rev.): RMCA: 4 [4 - 4 - 4].

Total Specimens for 2 March 1952: 4

6 March 1952

Congo (Democratic Republic of the): Nampume: de Saeger, H. et al.: KBIN: 2, RMCA: 1 [3 - 3 - 3].

Total Specimens for 6 March 1952: 3

8 March 1952

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 8 March 1952: 1

10 March 1952

Congo (Democratic Republic of the): Nadegebe river: de Saeger, H. et al.: RMCA: 2 [2 - 2 - 2].

Total Specimens for 10 March 1952: 2

11 March 1952

Zambia: Solwezi Boma: Ansell, W.F.H.: BMNH: 2 [2 - 2 - 2].

Total Specimens for 11 March 1952: 2

13 March 1952

Congo (Democratic Republic of the): Ndelele: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 13 March 1952: 1

15 March 1952

Congo (Democratic Republic of the): Bokuma: Lootens, P. (Rev.): RMCA: 1 [1 - 1 - 1].

Total Specimens for 15 March 1952: 1

18 March 1952

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 1 [1 - 1] - Morubia: de Saeger, H. et al.: RMCA: 1 [1 - 1 - 2].

Total Specimens for 18 March 1952: 2

23 March 1952

Congo (Democratic Republic of the): Bokuma: Lootens, P. (Rev.): RMCA: 2 [2 - 2 - 2].

Total Specimens for 23 March 1952: 2

25 March 1952

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 1 [1 - 1] - PFSK 8 + 17: de Saeger, H. et al.: RMCA: 3 [3 - 3 - 4].

Total Specimens for 25 March 1952: 4

26 March 1952

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 26 March 1952: 1

31 March 1952

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 31 March 1952: 1

2 April 1952

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 2 [2 - 2 - 2].

Total Specimens for 2 April 1952: 2

3 April 1952

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 3 April 1952: 1

7 April 1952

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: RMCA: 2 [2 - 2 - 2].

Total Specimens for 7 April 1952: 2

12 April 1952

Congo (Democratic Republic of the): Banana: Mesmaeckers, Is.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 12 April 1952: 1

18 April 1952

Congo (Democratic Republic of the): Nakpanga river: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Tanzania: Tenguru: Brooks, A.C.: BMNH: 3 [3 - 3 - 3].

Total Specimens for 18 April 1952: 4

19 April 1952

Congo (Democratic Republic of the): Bagisana: de Saeger, H. et al.: KBIN: 1 [1 - 1] - Kokodo river: de Saeger, H. et al.: KBIN: 2 [2 - 2 - 3].

Total Specimens for 19 April 1952: 3

20 April 1952

Congo (Democratic Republic of the): Meridi river: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 20 April 1952: 1

23 April 1952

Congo (Democratic Republic of the): Pidigala Nord: de Saeger, H. et al.: KBIN: 2, RMCA: 2 [4 - 4 - 4].

Total Specimens for 23 April 1952: 4

24 April 1952

Congo (Democratic Republic of the): Pidigala Nord: de Saeger, H. et al.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 24 April 1952: 1

26 April 1952

Chad: Fort Archambault: Webber, W.A.: USNM: 1 [1 - 1 - 1].

Total Specimens for 26 April 1952: 1

27 April 1952

Congo (Democratic Republic of the): Byangore river: de Witte, G.F. et al: KBIN: 1 [1 - 1 - 1].

Total Specimens for 27 April 1952: 1

28 April 1952

Zambia: Solwezi Boma: Ansell, W.F.H.: BMNH: 2 [2 - 2 - 2].

Total Specimens for 28 April 1952: 2

3 May 1952

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 3 May 1952: 1

8 May 1952

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 8 May 1952: 1

11 May 1952

South Africa: Sterkfontein caves: Maseko, S.: TM: 1 [1 - 1 - 1].

Total Specimens for 11 May 1952: 1

14 May 1952

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 14 May 1952: 1

15 May 1952

Congo (Democratic Republic of the): Aka-Inimvua confluence: de Saeger, H. et al.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 15 May 1952: 1

16 May 1952

Congo (Democratic Republic of the): Aka river: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 16 May 1952: 1

22 May 1952

Congo (Democratic Republic of the): Buluku river: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 22 May 1952: 1

26 May 1952

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 26 May 1952: 1

30 May 1952

Tanzania: Usangi: Zink, G.: SMNS: 1 [1 - 1 - 1].

Total Specimens for 30 May 1952: 1

1 June 1952

Uganda: Soroti: Williams, John G.: FMNH: 2 [2 - 2 - 2].

Total Specimens for 1 June 1952: 2

2 June 1952

Chad: Guidari: Carter: AMNH: 3 [3 - 3 - 3].

Total Specimens for 2 June 1952: 3

10 June 1952

Congo (Democratic Republic of the): Utukuru: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 10 June 1952: 1

11 June 1952

Congo (Democratic Republic of the): Kalikimvua: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 11 June 1952: 1

17 June 1952

Congo (Democratic Republic of the): Tungu, mount: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 17 June 1952: 1

20 June 1952

Congo (Democratic Republic of the): Moko river: de Saeger, H. et al.: KBIN: 2 [2 - 2 - 2].

Total Specimens for 20 June 1952: 2

10 July 1952

Tanzania: Simiyu: Williams, John G.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 10 July 1952: 1

14 July 1952

Tanzania: Misingi: Zink, G.: SMNS: 1 [1 - 1 - 1].**Total Specimens for 14 July 1952: 1**

16 July 1952

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 1 [1 - 1] - Kawa: Fain, Alexandre (Dr.): BMNH: 1, RMCA: 1 [2 - 2 - 3].**Total Specimens for 16 July 1952: 3**

17 July 1952

Congo (Democratic Republic of the): Kawa: Fain, Alexandre (Dr.): BMNH: 1 [1 - 1 - 1].
Namibia: Lisikili, lake: Smithers, R.H.N.: TM: 1 [1 - 1 - 1].**Total Specimens for 17 July 1952: 2**

20 July 1952

Congo (Democratic Republic of the): Bokuma: Lootens, P. (Rev.): RMCA: 1 [1 - 1 - 1].**Total Specimens for 20 July 1952: 1**

24 July 1952

Congo (Democratic Republic of the): Kawa: Fain, Alexandre (Dr.): RMCA: 2 [2 - 2 - 2].**Total Specimens for 24 July 1952: 2**

25 July 1952

Congo (Democratic Republic of the): Bagbele Moko: de Saeger, H. et al.: RMCA: 1 [1 - 1] - Bokuma: Lootens, P. (Rev.): RMCA: 1 [1 - 1 - 2].**Total Specimens for 25 July 1952: 2**

26 July 1952

Congo (Democratic Republic of the): Bagbele Moko: de Saeger, H. et al.: KBIN: 25, RMCA: 17 [42 - 42 - 42].**Total Specimens for 26 July 1952: 42**

1 August 1952

Congo (Democratic Republic of the): Mabanga: de Saeger, H. et al.: KBIN: 2, RMCA: 1 [3 - 3] - Wasa Wago, mount: Fain, Alexandre (Dr.): BMNH: 1 [1 - 1 - 4].**Total Specimens for 1 August 1952: 4**

2 August 1952

Congo (Democratic Republic of the): Garamba Park: de Saeger, H. et al.: KBIN: 3 [3 - 3 - 3].**Total Specimens for 2 August 1952: 3**

5 August 1952

Congo (Democratic Republic of the): Elisabethville [=Lubumbashi]: Smitz, A.: KBIN: 1 [1 - 1] - Kawa: Fain, Alexandre (Dr.): BMNH: 1 [1 - 1 - 2].**Total Specimens for 5 August 1952: 2**

7 August 1952

Congo (Democratic Republic of the): Kawa: Fain, Alexandre (Dr.): BMNH: 1 [1 - 1 - 1].**Total Specimens for 7 August 1952: 1**

21 August 1952

Nigeria: Umuahia: Cozens, A.B. (Col.): BMNH: 2 [2 - 2 - 2].

Total Specimens for 21 August 1952: 2

25 August 1952

Congo (Democratic Republic of the): Murambi: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].

Total Specimens for 25 August 1952: 1

9 September 1952

Tanzania: Nashallo: Zink, G.: SMNS: 1 [1 - 1 - 1].

Total Specimens for 9 September 1952: 1

21 September 1952

Congo (Democratic Republic of the): Wasa Wago, mount: Fain, Alexandre (Dr.): RMCA: 1 [1 - 1 - 1].

Total Specimens for 21 September 1952: 1

23 September 1952

Tanzania: Kilondoni: Swynnerton, G.H.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 23 September 1952: 1

25 September 1952

Congo (Democratic Republic of the): Ne, Mount: Fain, Alexandre (Dr.): BMNH: 1, MHNG: 1 [2 - 2] - Wasa Wago, mount: Fain, Alexandre (Dr.): RMCA: 1 [1 - 1 - 3].

Tanzania: Kilondoni: Swynnerton, G.H.: BMNH: 3 [3 - 3 - 3].

Total Specimens for 25 September 1952: 6

29 September 1952

Namibia: Windhoek: Mertens, Robert (dr.): SMF: 1 [1 - 1 - 1].

Total Specimens for 29 September 1952: 1

8 October 1952

Nigeria: Umuahia: Cozens, A.B. (Col.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 8 October 1952: 1

22 October 1952

Tanzania: Chimala: Knipper: SMNS: 4 [4 - 4 - 4].

Total Specimens for 22 October 1952: 4

24 October 1952

"Africa": Unknown locality: ?: Collector Unknown: MHNG: 1 [1 - 1 - 1].

Total Specimens for 24 October 1952: 1

25 November 1952

Zambia: Mazabuka Boma: Ansell, W.F.H.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 25 November 1952: 1

11 December 1952

Congo (Democratic Republic of the): Mutsora Station: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].

Total Specimens for 11 December 1952: 1

15 December 1952

Congo (Democratic Republic of the): Mutsora Station: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].

Total Specimens for 15 December 1952: 1

23 December 1952

Cameroon: Foulassi: Perret, J.L.: MHNG: 2 [2 - 2 - 2].

Total Specimens for 23 December 1952: 2

29 December 1952

Tanzania: Bagamoyo: Brooks, A.C.: BMNH: 2 [2 - 2 - 2].

Total Specimens for 29 December 1952: 2

1 January 1953

South Africa: Nelspruit: Zumpt, F. (dr.): SMNS: 1 [1 - 1 - 1].

Total Specimens for 1 January 1953: 1

2 January 1953

Congo (Democratic Republic of the): Vitshumbi: KEA-Mission: KBIN: 1 [1 - 1 - 1].

Total Specimens for 2 January 1953: 1

3 January 1953

Cameroon: Foulassi: Perret, J.L.: MHNG: 1 [1 - 1 - 1].

Tanzania: Ukara island: Smith: BMNH: 1 [1 - 1 - 1].

Total Specimens for 3 January 1953: 2

5 January 1953

Zambia: Abercorn: Vesey-FitzGerald, L.D.E.F. (Col.): HZM: 1 [1 - 1 - 1].

Total Specimens for 5 January 1953: 1

8 January 1953

Cameroon: Ngam: Perret, J.L.: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 8 January 1953: 1

27 January 1953

Tanzania: Liwale: Swynnerton, G.H. and Brooks: BMNH: 1 [1 - 1 - 1].

Total Specimens for 27 January 1953: 1

30 January 1953

Tanzania: Banagi: Brooks, A.C.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 30 January 1953: 1

31 January 1953

Tanzania: Banagi: Brooks, A.C.: BMNH: 1 [1]; Swynnerton, G.H.: BMNH: 1 [1 - 2 - 2].

Total Specimens for 31 January 1953: 2

1 February 1953

Tanzania: Liwale: Ionides, C.J.P.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 1 February 1953: 1

2 February 1953

Tanzania: Kampi Ya Mawe: Swynnerton, G.H.: BMNH: 4 [4 - 4 - 4].

Total Specimens for 2 February 1953: 4

11 February 1953

Tanzania: Banagi: Brooks, A.C.: BMNH: 1 [1 - 1 - 1].

Zambia: Mazabuka Boma: Ansell, W.F.H.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 11 February 1953: 2

14 February 1953

Cameroon: Foulassi: Perret, J.L.: MHNG: 1 [1 - 1 - 1].

Total Specimens for 14 February 1953: 1

16 February 1953

Tanzania: Karugu: Swynnerton, G.H.: BMNH: 4 [4 - 4 - 4].

Total Specimens for 16 February 1953: 4

1 March 1953

Tanzania: Ukara island: Smith: BMNH: 1 [1 - 1 - 1].

Total Specimens for 1 March 1953: 1

2 March 1953

Tanzania: Banagi: Brooks, A.C.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 2 March 1953: 1

5 March 1953

Tanzania: Banagi: Brooks, A.C.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 5 March 1953: 1

10 March 1953

Congo (Democratic Republic of the): Goma: KEA-Mission: KBIN: 1 [1 - 1 - 1].

Total Specimens for 10 March 1953: 1

13 March 1953

Congo (Democratic Republic of the): Kasaji: Fisher, Rév.: RMCA: 2 [2 - 2 - 2].

Total Specimens for 13 March 1953: 2

21 March 1953

Tanzania: Banagi: Brooks, A.C.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 21 March 1953: 1

23 March 1953

Tanzania: Tenguru: Swynnerton, G.H.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 23 March 1953: 1

25 March 1953

Cameroon: Mintjamyumin: Perret, J.L.: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 25 March 1953: 1

10 April 1953

Tanzania: Tenguru: Brooks, A.C.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 10 April 1953: 1

18 April 1953

Somalia: Hargeisa: Laurie, J.J.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 18 April 1953: 1

24 April 1953

Cameroon: Foulassi: Perret, J.L.: MHNG: 1 [1 - 1 - 1].

Total Specimens for 24 April 1953: 1

25 April 1953

South Africa: Nelspruit: Zumpt, F. (dr.): SMNS: 1 [1 - 1 - 1].

Total Specimens for 25 April 1953: 1

11 May 1953

Congo (Democratic Republic of the): Rutshuru: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].

Total Specimens for 11 May 1953: 1

13 May 1953

Cote D'Ivoire: Duekoue: Aellen, Villy: MHNG: 1 [1 - 1 - 1].

Total Specimens for 13 May 1953: 1

4 June 1953

Tanzania: Liwale: Ionides, C.J.P.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 4 June 1953: 1

10 June 1953

Sudan: Lokomarinyang Marsh: Williams, John G.: BMNH: 1 [1 - 1] - Lokomorinyang: Williams, John G.: HZM: 1 [1 - 1 - 2].

Total Specimens for 10 June 1953: 2

20 June 1953

Tanzania: Tenguru: Brooks, A.C.: BMNH: 2 [2 - 2 - 2].

Total Specimens for 20 June 1953: 2

26 June 1953

Côte d'Ivoire: Adiopodoumé: Aellen, Villy: MHNG: 1 [1 - 1 - 1].

Total Specimens for 26 June 1953: 1

5 July 1953

Somalia: Mijertein province: Scortecci, G.: MSNM: 1 [1 - 1 - 1].

Total Specimens for 5 July 1953: 1

7 July 1953

Egypt: Sinnuris: Hoogstraal, Harry H.: FMNH: 2 [2 - 2 - 2].

Total Specimens for 7 July 1953: 2

8 July 1953

Congo (Democratic Republic of the): Makisabo: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].

Total Specimens for 8 July 1953: 1

9 July 1953

Tanzania: Noamania: Ionides, C.J.P.: BMNH: 1 [1 - 1] - Zinga: Ionides, C.J.P.: BMNH: 1 [1 - 1 - 2].**Total Specimens for 9 July 1953: 2**

13 July 1953

Tanzania: Southern province: Ionides, C.J.P.: BMNH: 2 [2 - 2] - Zinga: Ionides, C.J.P.: BMNH: 1 [1 - 1 - 3].**Total Specimens for 13 July 1953: 3**

15 July 1953

Côte d'Ivoire: Adiopodoumé: Aellen, Villy: MHNG: 1 [1 - 1 - 1].**Total Specimens for 15 July 1953: 1**

16 July 1953

Cote D'Ivoire: Banco, forêt de: Aellen, Villy: MHNG: 1 [1 - 1 - 1].**Total Specimens for 16 July 1953: 1**

20 July 1953

Côte d'Ivoire: Adiopodoumé: Aellen, Villy: MHNG: 2 [2 - 2 - 2].**Total Specimens for 20 July 1953: 2**

21 July 1953

Somalia: Candala: Scortecci, G.: MSNM: 1 [1 - 1 - 1].**Total Specimens for 21 July 1953: 1**

24 July 1953

Cote D'Ivoire: Cosrou: Aellen, Villy: MHNG: 2 [2 - 2 - 2].**Total Specimens for 24 July 1953: 2**

10 August 1953

Kenya: Kilifi: Williams, A.E.: USNM: 1 [1 - 1 - 1].**Total Specimens for 10 August 1953: 1**

14 August 1953

Côte d'Ivoire: Adiopodoumé: Aellen, Villy: MHNG: 1 [1 - 1 - 1].**Total Specimens for 14 August 1953: 1**

17 August 1953

Congo (Democratic Republic of the): Biyonga: Dupuis, L.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 17 August 1953: 1**

18 August 1953

Côte d'Ivoire: Adiopodoumé: Aellen, Villy: MHNG: 1 [1 - 1 - 1].**Total Specimens for 18 August 1953: 1**

19 August 1953

Cote D'Ivoire: Cosrou: Aellen, Villy: MHNG: 2 [2 - 2 - 2].**Total Specimens for 19 August 1953: 2**

20 August 1953

Côte d'Ivoire: Adiopodoumé: Aellen, Villy: MHNG: 1 [1 - 1 - 1].

Total Specimens for 20 August 1953: 1

25 August 1953

Sudan: Yambio: Owen, J.S.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 25 August 1953: 1

27 August 1953

Congo (Democratic Republic of the): Murambi: de Witte, G.F. et al: RMCA: 6 [6 - 6 - 6].

Total Specimens for 27 August 1953: 6

3 September 1953

Côte d'Ivoire: Adiopodoumé: Rahm, Uwe and Aellen, Villy: MHNG: 1 [1 - 1 - 1].

Total Specimens for 3 September 1953: 1

7 September 1953

Congo (Democratic Republic of the): Kanzarue river: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].

Total Specimens for 7 September 1953: 1

8 September 1953

Cote D'Ivoire: Asakra: Rahm, Uwe and Aellen, Villy: MHNG: 3 [3 - 3 - 3].

Total Specimens for 8 September 1953: 3

15 September 1953

Congo (Democratic Republic of the): Bunyenzi: de Witte, G.F. et al: RMCA: 2 [2 - 2 - 2].

Total Specimens for 15 September 1953: 2

16 September 1953

Congo (Democratic Republic of the): Rutshuru: de Witte, G.F. et al: RMCA: 2 [2 - 2 - 2].

Total Specimens for 16 September 1953: 2

17 September 1953

Congo (Democratic Republic of the): Bunyenzi: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].

Total Specimens for 17 September 1953: 1

18 September 1953

Congo (Democratic Republic of the): Kadehe river: de Witte, G.F. et al: RMCA: 3 [3 - 3] - Katundwe river: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 4].

Total Specimens for 18 September 1953: 4

21 September 1953

Congo (Democratic Republic of the): Murambi: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].

Total Specimens for 21 September 1953: 1

22 September 1953

Congo (Democratic Republic of the): Rusenyi river: de Witte, G.F. et al: RMCA: 2 [2 - 2 - 2].

Total Specimens for 22 September 1953: 2

27 September 1953

Congo (Democratic Republic of the): Karambi: Laarman, J.J.: RMNH: 1 [1 - 1 - 1].

Total Specimens for 27 September 1953: 1

30 September 1953

Congo (Democratic Republic of the): Murambi: de Witte, G.F. et al: RMCA: 2 [2 - 2 - 2].

Total Specimens for 30 September 1953: 2

8 October 1953

Côte d'Ivoire: Adiopodoumé: Rahm, Uwe: MHNG: 1 [1 - 1 - 1].

Total Specimens for 8 October 1953: 1

9 October 1953

Congo (Democratic Republic of the): Lulimba: Prigogine, A.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 9 October 1953: 1

28 October 1953

Congo (Democratic Republic of the): Rodahira river: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].

Total Specimens for 28 October 1953: 1

1 November 1953

Congo (Democratic Republic of the): Nyabikere: de Witte, G.F. et al: RMCA: 2 [2 - 2 - 2].

Total Specimens for 1 November 1953: 2

5 November 1953

Tanzania: Mbarangandu: Ionides, C.J.P.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 5 November 1953: 1

23 November 1953

Congo (Democratic Republic of the): Kakungu: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].

Total Specimens for 23 November 1953: 1

27 November 1953

Congo (Democratic Republic of the): Kyavinionge: KEA-Mission: KBIN: 1 [1 - 1 - 1].

Total Specimens for 27 November 1953: 1

30 November 1953

Cameroon: Foulassi: Perret, J.L.: MHNG: 1 [1 - 1 - 1].

Total Specimens for 30 November 1953: 1

3 December 1953

Cameroon: Foulassi: Perret, J.L.: MHNG: 1 [1 - 1 - 1].

Congo (Democratic Republic of the): Bugara: de Witte, G.F. et al: RMCA: 9 [9 - 9 - 9].

Total Specimens for 3 December 1953: 10

5 December 1953

Congo (Democratic Republic of the): Goma: KEA-Mission: KBIN: 1 [1 - 1 - 1].

Total Specimens for 5 December 1953: 1

9 December 1953

Congo (Democratic Republic of the): Bunyangura: de Witte, G.F. et al: RMCA: 4 [4 - 4 - 4].

Total Specimens for 9 December 1953: 4

10 December 1953

Cameroon: Ngam: Perret, J.L.: MHNG: 1 [1 - 1 - 1].

South Africa: Insuzi river: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 2 [2 - 2 - 2].

Total Specimens for 10 December 1953: 3

11 December 1953

South Africa: Insuzi river: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 5 [5 - 5 - 5].

Total Specimens for 11 December 1953: 5

19 December 1953

Tanzania: Tandamanga: Ionides, C.J.P.: BMNH: 3 [3 - 3 - 3].

Total Specimens for 19 December 1953: 3

11 January 1954

Tanzania: Namumbulu: Ionides, C.J.P.: BMNH: 4 [4 - 4 - 4].

Total Specimens for 11 January 1954: 4

13 January 1954

Tanzania: Likawage: Ionides, C.J.P.: BMNH: 6 [6 - 6 - 6].

Total Specimens for 13 January 1954: 6

15 January 1954

Côte d'Ivoire: Adiopodoumé: Rahm, Uwe and Aellen, Villy: MHNG: 1 [1 - 1 - 1].

Total Specimens for 15 January 1954: 1

16 January 1954

Tanzania: Mangangachi: Ionides, C.J.P.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 16 January 1954: 1

20 January 1954

Congo (Democratic Republic of the): Rutshuru: de Witte, G.F. et al: RMCA: 5 [5 - 5 - 5].

Tanzania: Songomano: Ionides, C.J.P.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 20 January 1954: 6

1 February 1954

Congo (Democratic Republic of the): Nyabikere: de Witte, G.F. et al: RMCA: 7 [7 - 7 - 7].

Tanzania: Nakibou: Ionides, C.J.P.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 1 February 1954: 8

3 February 1954

Congo (Democratic Republic of the): Bunyenzi: de Witte, G.F. et al: RMCA: 12 [12 - 12 - 12].

Tanzania: Namithu Kilwa: Ionides, C.J.P.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 3 February 1954: 13

6 February 1954

Congo (Democratic Republic of the): Moba: Bomans, H.: RMCA: 1 [1 - 1 - 1].

Tanzania: Liwale: Ionides, C.J.P.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 6 February 1954: 2

9 February 1954

Congo (Democratic Republic of the): Rutshuru: de Witte, G.F. et al: RMCA: 6 [6 - 6 - 6].

Total Specimens for 9 February 1954: 6

10 February 1954

Congo (Democratic Republic of the): Nyakariba river, affluent of Fuko river: de Witte, G.F. et al: RMCA: 2 [2 - 2 - 2].

Total Specimens for 10 February 1954: 2

13 February 1954

Congo (Democratic Republic of the): Mutsora Station: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].

Total Specimens for 13 February 1954: 1

15 February 1954

Congo (Democratic Republic of the): Kasebeya river: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].

Total Specimens for 15 February 1954: 1

18 February 1954

Congo (Democratic Republic of the): Busholinka river: de Witte, G.F. et al: RMCA: 2 [2 - 2 - 2].

Total Specimens for 18 February 1954: 2

25 February 1954

Congo (Democratic Republic of the): Kasenyi: KEA-Mission: KBIN: 1 [1 - 1 - 1].

Total Specimens for 25 February 1954: 1

26 February 1954

Congo (Democratic Republic of the): Moba: Bomans, H.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 26 February 1954: 1

10 March 1954

Congo (Democratic Republic of the): Rusenyi river: de Witte, G.F. et al: RMCA: 6 [6 - 6 - 6].

Total Specimens for 10 March 1954: 6

12 March 1954

Cameroon: Foulassi: Perret, J.L.: MHNG: 1 [1 - 1 - 1].

Total Specimens for 12 March 1954: 1

15 March 1954

Congo (Democratic Republic of the): Kilinga: de Witte, G.F. et al: RMCA: 2 [2 - 2 - 2].

Total Specimens for 15 March 1954: 2

19 March 1954

Congo (Democratic Republic of the): Katundwe river: de Witte, G.F. et al: RMCA: 7 [7 - 7 - 7].

Total Specimens for 19 March 1954: 7

22 March 1954

Congo (Democratic Republic of the): Geramihasa river, affluent of Rodahira river: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].

Total Specimens for 22 March 1954: 1

30 March 1954

Congo (Democratic Republic of the): Katundwe river: de Witte, G.F. et al: RMCA: 3 [3 - 3 - 3].

Total Specimens for 30 March 1954: 3

5 April 1954

Congo (Democratic Republic of the): May ya Moto: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].

Total Specimens for 5 April 1954: 1

7 April 1954

Congo (Democratic Republic of the): Fuko river: de Witte, G.F. et al: RMCA: 3 [3 - 3 - 3].

Total Specimens for 7 April 1954: 3

9 April 1954

South Africa: : ?: Collector Unknown: TM: 1 [1 - 1] - Ndumu Police Station: ?: Collector Unknown: NM: 1 [1 - 1 - 2].

Total Specimens for 9 April 1954: 2

10 April 1954

Tanzania: Liwale: Ionides, C.J.P.: SMF: 1 [1 - 1 - 1].

Total Specimens for 10 April 1954: 1

15 April 1954

Sudan: Jebel el Azraq: ?: Collector Unknown: FMNH: 2 [2 - 2 - 2].

Togo: Akenim: Booth, Angus H.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 15 April 1954: 3

16 April 1954

Guinea: Dalaba [Grotte du Marché]: Villiers, A.: MHNG: 1 [1 - 1 - 1].

Tanzania: Rukwa: Vesey-FitzGerald, L.D.E.F. (Col.): HZM: 1 [1 - 1 - 1].

Total Specimens for 16 April 1954: 2

22 April 1954

Congo (Democratic Republic of the): Rutshuru: de Witte, G.F. et al: RMCA: 4 [4 - 4 - 4].

Total Specimens for 22 April 1954: 4

24 April 1954

Zambia: Abercorn: Vesey-FitzGerald, L.D.E.F. (Col.): HZM: 1 [1 - 1 - 1].

Total Specimens for 24 April 1954: 1

25 April 1954

Morocco: Tata: Dorst, Jean: MNHN: 8 [8 - 8 - 8].

Total Specimens for 25 April 1954: 8

30 April 1954

Congo (Democratic Republic of the): Rumanura river: de Witte, G.F. et al: RMCA: 2 [2 - 2 - 2].

Total Specimens for 30 April 1954: 2

13 May 1954

Tanzania: Liwale: Ionides, C.J.P.: BMNH: 2 [2 - 2 - 2].

Total Specimens for 13 May 1954: 2

18 May 1954

Namibia: Harisib: ?: Collector Unknown: TM: 1 [1 - 1] - Nasib: ?: Collector Unknown: TM: 1 [1 - 1 - 2].

Total Specimens for 18 May 1954: 2

10 June 1954

Congo (Democratic Republic of the): Katundwe river: de Witte, G.F. et al: RMCA: 5 [5 - 5 - 5].

Total Specimens for 10 June 1954: 5

14 June 1954

Cameroon: Foulassi: Perret, J.L.: MHNG: 1 [1 - 1 - 1].

Total Specimens for 14 June 1954: 1

21 June 1954

Sudan: Jebel el Azraq: ?: Collector Unknown: FMNH: 1 [1 - 1 - 1].

Total Specimens for 21 June 1954: 1

25 June 1954

Angola: Alto Chicapa: ?: Collector Unknown: BMNH: 1 [1 - 1 - 1].

Total Specimens for 25 June 1954: 1

28 June 1954

Congo (Democratic Republic of the): Geramihasha river, affluent of Rodahira river: de Witte, G.F. et al: RMCA: 2 [2 - 2 - 2].

Total Specimens for 28 June 1954: 2

5 July 1954

Congo (Democratic Republic of the): Katundwe river: de Witte, G.F. et al: RMCA: 7 [7 - 7 - 7].

Total Specimens for 5 July 1954: 7

16 July 1954

Congo (Democratic Republic of the): Rodahira river: de Witte, G.F. et al: RMCA: 6 [6 - 6 - 6].

Total Specimens for 16 July 1954: 6

4 August 1954

Congo (Democratic Republic of the): Mutsora Station: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].

Total Specimens for 4 August 1954: 1

12 August 1954

Congo (Democratic Republic of the): Kipushi: De Smet, Dr.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 12 August 1954: 1

18 August 1954

Congo (Democratic Republic of the): Nyabikere: de Witte, G.F. et al: RMCA: 10 [10 - 10 - 10].

Total Specimens for 18 August 1954: 10

19 August 1954

Tanzania: Kidugallo: Von Nagy: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 19 August 1954: 1

25 August 1954

Congo (Democratic Republic of the): Lubumbashi: De Smet, Dr.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 25 August 1954: 1

27 August 1954

Congo (Democratic Republic of the): Lubumbashi: De Smet, Dr.: RMCA: 2 [2 - 2 - 2].

Total Specimens for 27 August 1954: 2

28 August 1954

Congo (Democratic Republic of the): Lubumbashi: De Smet, Dr.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 28 August 1954: 1

1 September 1954

Congo (Democratic Republic of the): Mutsora Station: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].

Total Specimens for 1 September 1954: 1

2 September 1954

Congo (Democratic Republic of the): Lubumbashi: De Smet, Dr.: RMCA: 2 [2 - 2 - 2].

Total Specimens for 2 September 1954: 2

17 September 1954

Congo (Democratic Republic of the): Katundwe river: de Witte, G.F. et al: RMCA: 3 [3 - 3 - 3].

Total Specimens for 17 September 1954: 3

28 September 1954

Cote D'Ivoire: Tiegba [5 locs]: Rahm, Uwe and Aellen, Villy: MHNG: 1 [1 - 1 - 1].

Total Specimens for 28 September 1954: 1

3 October 1954

Angola: Moco, mount: Heinrich, Gerd H.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 3 October 1954: 1

17 October 1954

Sierra Leone: Mongberi: Jones, Theo Simpson: BMNH: 1 [1 - 1 - 1].

Total Specimens for 17 October 1954: 1

3 November 1954

Congo (Democratic Republic of the): Katundwe river: de Witte, G.F. et al: RMCA: 2 [2 - 2 - 2].

Total Specimens for 3 November 1954: 2

22 November 1954

Congo (Democratic Republic of the): Bunyangura: de Witte, G.F. et al: RMCA: 4 [4 - 4 - 4].

Total Specimens for 22 November 1954: 4

23 November 1954

Congo (Democratic Republic of the): Loshu: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].

Total Specimens for 23 November 1954: 1

26 November 1954

Angola: Huila: Heinrich, G.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 26 November 1954: 1

1 December 1954

Kenya: Vasco de Gama Point: Fowlet: HZM: 1 [1 - 1 - 1].

Total Specimens for 1 December 1954: 1

2 December 1954

Angola: Huila: Heinrich, Gerd H.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 2 December 1954: 1

28 December 1954

Angola: Huila: Heinrich, Gerd H.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 28 December 1954: 1

29 December 1954

Angola: Huila: Heinrich, Gerd H.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 29 December 1954: 1

30 December 1954

Angola: Huila: Heinrich, Gerd H.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 30 December 1954: 1

31 December 1954

Angola: Huila: Heinrich, G.: FMNH: 1 [1]; Heinrich, Gerd H.: FMNH: 1 [1 - 2 - 2].

Total Specimens for 31 December 1954: 2

2 January 1955

Rwanda: Rumonge: Fain, Alexandre (Dr.): RMCA: 1 [1 - 1 - 1].

Total Specimens for 2 January 1955: 1

3 January 1955

Zambia: Mazabuka Boma: Ansell, W.F.H.: HZM: 1 [1 - 1 - 1].

Total Specimens for 3 January 1955: 1

11 January 1955

Congo (Democratic Republic of the): Bunyangura: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].

Total Specimens for 11 January 1955: 1

7 February 1955

Congo (Democratic Republic of the): Nyabikere: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].

Total Specimens for 7 February 1955: 1

18 February 1955

Egypt: Abu Rawash: Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 18 February 1955: 1

22 February 1955

Malawi: Lilongwe: ?: Collector Unknown: HZM: 1 [1 - 1 - 1].

Total Specimens for 22 February 1955: 1

2 March 1955

Congo (Democratic Republic of the): Uvira: Leleup, N.: RMCA: 4 [4 - 4 - 4].

Total Specimens for 2 March 1955: 4

3 March 1955

Congo (Democratic Republic of the): Uvira: Leleup, N.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 3 March 1955: 1

17 March 1955

South Africa: Bishopstowe cave: ?: Collector Unknown: TM: 4 [4]; Meester, J.: TM: 5 [5]; Meester, J.A.J. "Waldo": TM: 1 [1 - 10 - 10].

Total Specimens for 17 March 1955: 10

2 April 1955

Angola: Canzale: Heinrich, Gerd H.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 2 April 1955: 1

18 May 1955

Congo (Democratic Republic of the): Madimao: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 3 [3 - 3 - 3].
Rwanda: Nyarutaru: Fain, Alexandre (Dr.): RMCA: 1 [1 - 1 - 1].

Total Specimens for 18 May 1955: 4

29 May 1955

Congo (Democratic Republic of the): Djeka: Roiseuse, R.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 29 May 1955: 1

3 June 1955

Congo (Democratic Republic of the): Ikela: Lootens, P. (Rev.): RMCA: 1 [1 - 1 - 1].

Total Specimens for 3 June 1955: 1

9 June 1955

Congo (Democratic Republic of the): Kahama: de Witte, G.F. et al: RMCA: 4 [4 - 4 - 4].

Total Specimens for 9 June 1955: 4

6 July 1955

Kenya: Kitale: Fowler, J.P.: HZM: 1 [1 - 1 - 1].

Total Specimens for 6 July 1955: 1

13 July 1955

Tanzania: Kafukola: Robertson, I.A.D.: HZM: 1 [1 - 1 - 1].

Total Specimens for 13 July 1955: 1

17 July 1955

Tanzania: Kafukola C. Rukwa: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 17 July 1955: 1

5 August 1955

Congo (Democratic Republic of the): Rodahira river: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].
Tanzania: Kafukola: Robertson, I.A.D.: HZM: 1 [1 - 1 - 1].

Total Specimens for 5 August 1955: 2

13 August 1955

Tanzania: Kafukola C. Rukwa: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 13 August 1955: 1

15 August 1955

Tanzania: Kafukola: Robertson, I.A.D.: HZM: 1 [1 - 1 - 1].

Total Specimens for 15 August 1955: 1

16 August 1955

Tanzania: Kafukola: Robertson, I.A.D.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 16 August 1955: 1

20 August 1955

Tanzania: Kafukola C. Rukwa: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 20 August 1955: 1

23 August 1955

Tanzania: Kafukola C. Rukwa: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 23 August 1955: 1

25 August 1955

Congo (Democratic Republic of the): Murambi: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].

Total Specimens for 25 August 1955: 1

30 August 1955

Congo (Democratic Republic of the): Nyakariba river, affluent of Fuko river: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].

Total Specimens for 30 August 1955: 1

3 September 1955

Tanzania: Kafukola: Robertson, I.A.D.: HZM: 1 [1 - 1 - 1].

Total Specimens for 3 September 1955: 1

4 September 1955

Senegal: Badi: ?: Collector Unknown: MHNG: 1 [1 - 1 - 1].

Total Specimens for 4 September 1955: 1

19 September 1955

Congo (Democratic Republic of the): Rutshuru: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].

Total Specimens for 19 September 1955: 1

21 September 1955

Congo (Democratic Republic of the): Kiswishi: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 3 [3 - 3 - 3].

Total Specimens for 21 September 1955: 3

23 September 1955

Congo (Democratic Republic of the): Kikanda: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 2 [2 - 2 - 2].

Total Specimens for 23 September 1955: 2

26 September 1955

Egypt: Gizeh: Kulzer, Edwin: HZM: 1 [1 - 1 - 1].

Total Specimens for 26 September 1955: 1

27 September 1955

Congo (Democratic Republic of the): Shindaika: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 4 [4 - 4] - Tshisangwe:
Anciaux de Faveaux, Michel and Lips, M.: RMCA: 2 [2 - 2 - 6].

Total Specimens for 27 September 1955: 6

30 September 1955

Congo (Democratic Republic of the): Karavia: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 2 [2 - 2 - 2].

Total Specimens for 30 September 1955: 2

3 October 1955

Tanzania: Nanguale: Ionides, C.J.P.: BMNH: 3 [3 - 3 - 3].

Total Specimens for 3 October 1955: 3

7 October 1955

Congo (Democratic Republic of the): Kapaso: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 7 October 1955: 1

11 October 1955

Congo (Democratic Republic of the): Kiswishi: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 2 [2 - 2 - 2].
Rwanda: Rukira [=Rukara]: Fain, Alexandre (Dr.): RMCA: 3 [3 - 3 - 3].

Total Specimens for 11 October 1955: 5

14 October 1955

Congo (Democratic Republic of the): Kaponda: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 1 [1 - 1 - 1].
Rwanda: Nyakibanda: Fain, Alexandre (Dr.): RMCA: 7 [7 - 7 - 7].

Total Specimens for 14 October 1955: 8

15 October 1955

Rwanda: Nyakibanda: Fain, Alexandre (Dr.): RMCA: 1 [1 - 1 - 1].

Total Specimens for 15 October 1955: 1

16 October 1955

Congo (Democratic Republic of the): Mukuta: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 5 [5 - 5 - 5].

Total Specimens for 16 October 1955: 5

22 October 1955

Tanzania: Kafukola: Robertson, I.A.D.: HZM: 1 [1 - 1 - 1].

Total Specimens for 22 October 1955: 1

24 October 1955

Congo (Democratic Republic of the): Nakiluba: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 24 October 1955: 1

27 October 1955

Congo (Democratic Republic of the): Keyberg: Anciaux de Faveaux, Michel: SMF: 1 [1]; Anciaux de Faveaux, Michel and
Lips, M.: RMCA: 1 [1 - 2 - 2].

Total Specimens for 27 October 1955: 2

7 November 1955

Congo (Democratic Republic of the): Karavia: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 4 [4 - 4 - 4].

Total Specimens for 7 November 1955: 4

14 November 1955

Congo (Democratic Republic of the): Nakiluba: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 2 [2 - 2 - 2].

Total Specimens for 14 November 1955: 2

19 November 1955

Unknown Country: Bufundi: Fain, Alexandre (Dr.): RMCA: 3 [3 - 3 - 3].

Total Specimens for 19 November 1955: 3

28 November 1955

Congo (Democratic Republic of the): Lubwa: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 28 November 1955: 1

30 November 1955

Congo (Democratic Republic of the): Kipopo: De Bont: RMCA: 3 [3 - 3 - 3].

Tanzania: Bagamoyo: ?: Collector Unknown: RMNH: 8 [8 - 8 - 8].

Total Specimens for 30 November 1955: 11

5 December 1955

Congo (Democratic Republic of the): Rutshuru: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].

Total Specimens for 5 December 1955: 1

20 December 1955

Congo (Democratic Republic of the): Keyberg: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 20 December 1955: 1

22 December 1955

Congo (Democratic Republic of the): Elisabethville [=Lubumbashi]: Anciaux de Faveaux, Michel: RMCA: 1 [1]; Anciaux de Faveaux, Michel and Lips, M.: RMCA: 3 [3 - 4 - 4].

Total Specimens for 22 December 1955: 4

28 December 1955

Congo (Democratic Republic of the): Lubumbashi: Lips, M.: RMCA: 1 [1 - 1] - Mumene: Hygiene Services of the Congo: BMNH: 2 [2 - 2 - 3].

Total Specimens for 28 December 1955: 3

29 December 1955

Congo (Democratic Republic of the): Lubumbashi: Lips, M.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 29 December 1955: 1

1 January 1956

Malawi: Karonga: Onam: HZM: 2 [2 - 2 - 2].

Total Specimens for 1 January 1956: 2

2 January 1956

Angola: Dundo Lundo: ?: Collector Unknown: BMNH: 1 [1 - 1 - 1].

Total Specimens for 2 January 1956: 1

4 January 1956

Congo (Democratic Republic of the): Mimbulu: D'Haenens: RMCA: 1 [1 - 1 - 1].

Total Specimens for 4 January 1956: 1

5 January 1956

Congo (Democratic Republic of the): Kalulako: Anciaux de Faveaux, Michel: RMCA: 1 [1]; D'Haenens: RMCA: 1 [1 - 2] - Kilobilobe: D'Haenens: RMCA: 1 [1 - 1 - 3].

Total Specimens for 5 January 1956: 3

6 January 1956

Congo (Democratic Republic of the): Kilobilobe: D'Haenens: RMCA: 1 [1 - 1 - 1].

Total Specimens for 6 January 1956: 1

10 January 1956

Congo (Democratic Republic of the): Kasongo: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 10 January 1956: 1

14 January 1956

Zambia: Mazabuka Boma: Ansell, W.F.H.: HZM: 1 [1 - 1 - 1].

Total Specimens for 14 January 1956: 1

19 January 1956

Botswana: Dibete: Zumpt, F. (dr.): SMNS: 1 [1 - 1 - 1].

Total Specimens for 19 January 1956: 1

2 February 1956

Congo (Democratic Republic of the): Kikanda: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 3 [3 - 3 - 3].

Total Specimens for 2 February 1956: 3

6 February 1956

Congo (Democratic Republic of the): Kikanda: Anciaux de Faveaux, Michel: RMCA: 1 [1]; Anciaux de Faveaux, Michel and Lips, M.: RMCA: 4 [4 - 5 - 5].

Total Specimens for 6 February 1956: 5

10 February 1956

Tanzania: Kafukola: Robertson, I.A.D.: HZM: 1 [1 - 1 - 1].

Total Specimens for 10 February 1956: 1

11 March 1956

Egypt: El Qasr: Hoogstraal, Harry H. and Kaiser, M.N.: FMNH: 3 [3 - 3 - 3].

Total Specimens for 11 March 1956: 3

20 March 1956

Congo (Democratic Republic of the): Bamanya: Hutsebaut, J. (Rev. Fr.): RMCA: 1 [1 - 1 - 1].

Total Specimens for 20 March 1956: 1

26 March 1956

Congo (Democratic Republic of the): Kasenga rd, km 36: Anciaux de Faveaux, Michel: RMCA: 1 [1 - 1 - 1].

Total Specimens for 26 March 1956: 1

6 April 1956

Congo (Democratic Republic of the): Elisabethville [=Lubumbashi]: Anciaux de Faveaux, Michel: RMCA: 1 [1 - 1 - 1].

Total Specimens for 6 April 1956: 1

10 April 1956

Tanzania: Kalembo: Robertson, I.A.D.: HZM: 1 [1 - 1 - 1].

Total Specimens for 10 April 1956: 1

16 April 1956

Tanzania: Kafukola: Robertson, I.A.D.: HZM: 1 [1 - 1 - 1].

Total Specimens for 16 April 1956: 1

22 April 1956

Congo (Democratic Republic of the): Elisabethville [=Lubumbashi]: Anciaux de Faveaux, Michel: RMCA: 1 [1 - 1 - 1].

Total Specimens for 22 April 1956: 1

8 May 1956

Zambia: Ndola: Ansell, W.F.H.: HZM: 1 [1 - 1 - 1].

Total Specimens for 8 May 1956: 1

6 June 1956

Tanzania: Kafukola: Robertson, I.A.D.: HZM: 1 [1 - 1 - 1].

Total Specimens for 6 June 1956: 1

24 June 1956

Kenya: Kabete: ?: Collector Unknown: SMF: 10 [10 - 10 - 10].

Total Specimens for 24 June 1956: 10

6 July 1956

Tanzania: Kafukola: Robertson, I.A.D.: HZM: 1 [1 - 1 - 1].

Total Specimens for 6 July 1956: 1

24 July 1956

Tanzania: Arusha, 6 mi S: Hoogstraal, Harry H.: FMNH: 3 [3 - 3] - Arusha, 8 mi S: Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 4].

Total Specimens for 24 July 1956: 4

26 July 1956

Tanzania: Arusha: Kulzer, Edwin: SMF: 2 [2 - 2] - Ol Donyo Sambu: Kulzer, Edwin: SMF: 7 [7 - 7 - 9].

Total Specimens for 26 July 1956: 9

6 August 1956

Congo (Democratic Republic of the): Lula: Poll, Max: RMCA: 3 [3 - 3 - 3].

Total Specimens for 6 August 1956: 3

10 August 1956

Congo (Democratic Republic of the): Lula: Poll, Max: RMCA: 5 [5 - 5 - 5].

Total Specimens for 10 August 1956: 5

15 August 1956

Congo (Democratic Republic of the): Irangi: Laarman, J.J.: RMNH: 1 [1 - 1 - 1].

Total Specimens for 15 August 1956: 1

22 August 1956

Uganda: Kigumba: Yunker, C.E. and Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 22 August 1956: 1

25 August 1956

Congo (Democratic Republic of the): Tshibaka: Poll, Max: RMCA: 1 [1 - 1 - 1].

Total Specimens for 25 August 1956: 1

13 September 1956

South Africa: Skurweberg cave: Meester, J.: TM: 1 [1 - 1 - 1].

Total Specimens for 13 September 1956: 1

20 September 1956

Zimbabwe: Bulawayo: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].

Total Specimens for 20 September 1956: 1

3 October 1956

Guinea: Tahiré: Knorr, H.: SMNS: 2 [2 - 2 - 2].

Total Specimens for 3 October 1956: 2

9 October 1956

Rwanda: Rukira [=Rukara]: Fain, Alexandre (Dr.): RMCA: 1 [1 - 1 - 1].

South Africa: Sterkfontein caves: Brain, C.K.: TM: 1 [1 - 1 - 1].

Total Specimens for 9 October 1956: 2

11 October 1956

Guinea: Kindia: Knorr, H.: ZFMK: 1 [1 - 1] - Tahiré: Knorr, H.: SMNS: 1 [1 - 1 - 2].

Total Specimens for 11 October 1956: 2

18 October 1956

Congo (Democratic Republic of the): St.-Gerard mission: Anciaux de Faveaux, Michel: RMCA: 2, SMF: 1 [3 - 3 - 3].

Total Specimens for 18 October 1956: 3

20 October 1956

Congo (Democratic Republic of the): Kakonde: Anciaux de Faveaux, Michel: RMCA: 3, SMF: 2 [5 - 5 - 5].

Total Specimens for 20 October 1956: 5

4 November 1956

Congo (Democratic Republic of the): Kalulako: D'Haenens: RMCA: 6 [6 - 6 - 6].

Total Specimens for 4 November 1956: 6

13 November 1956

South Africa: Skurweberg cave: Meester, J.: TM: 10 [10 - 10 - 10].

Total Specimens for 13 November 1956: 10

16 November 1956

South Africa: Skurweberg cave: Meester, J.: TM: 1 [1 - 1 - 1].

Total Specimens for 16 November 1956: 1

23 November 1956

Guinea: Nyembaro: Knorr, H.: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 23 November 1956: 1

24 November 1956

Guinea: Kolente: Knorr, H.: ZFMK: 2 [2 - 2] - Nyembaro: Knorr, H.: SMF: 2, SMNS: 8 [10 - 10 - 12].

Total Specimens for 24 November 1956: 12

27 November 1956

Guinea: Kolente: Knorr, H.: SMF: 1 [1 - 1 - 1].

Total Specimens for 27 November 1956: 1

1 December 1956

Congo (Democratic Republic of the): Gangala-na-Bodio: Poll, Max: RMCA: 1 [1 - 1 - 1].

Total Specimens for 1 December 1956: 1

2 December 1956

Tanzania: Bagamoyo: ?: Collector Unknown: RMNH: 2 [2 - 2 - 2].

Total Specimens for 2 December 1956: 2

3 December 1956

South Africa: Pretoria: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 3 December 1956: 1

4 December 1956

Tanzania: Bagamoyo: ?: Collector Unknown: RMNH: 1 [1 - 1 - 1].

Total Specimens for 4 December 1956: 1

9 December 1956

Tanzania: Bagamoyo: ?: Collector Unknown: RMNH: 1 [1 - 1 - 1].

Total Specimens for 9 December 1956: 1

1 January 1957

Somalia: Genale: Sammicheli: MZUF: 3 [3 - 3 - 3].

Total Specimens for 1 January 1957: 3

12 January 1957

South Africa: Skurweberg cave: Meester, J.: TM: 1 [1 - 1 - 1].

Total Specimens for 12 January 1957: 1

14 January 1957

South Africa: Skurweberg cave: Meester, J.: TM: 1 [1 - 1 - 1].

Total Specimens for 14 January 1957: 1

31 January 1957

Congo (Democratic Republic of the): Irangi: Laarman, J.J.: RMNH: 1 [1 - 1 - 1].

Total Specimens for 31 January 1957: 1

7 February 1957

Kenya: Nairobi: ?: Collector Unknown: ROM: 1 [1 - 1 - 1].**Total Specimens for 7 February 1957: 1**

8 February 1957

Zambia: Chizera: Ansell, W.F.H.: HZM: 1 [1 - 1 - 1].**Total Specimens for 8 February 1957: 1**

3 March 1957

Zimbabwe: Wallaby Claims: Smithers, R.H.N.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 3 March 1957: 1**

28 March 1957

Egypt: Jebel Drunka: ?: Collector Unknown: FMNH: 1 [1 - 1 - 1].**Total Specimens for 28 March 1957: 1**

10 April 1957

Tanzania: Bagamoyo: Van Barneveld, H.W.P.: RMNH: 1 [1 - 1 - 1].**Total Specimens for 10 April 1957: 1**

15 April 1957

Guinea: Zouguépo: Lamotte, M.: MNHN: 1 [1 - 1 - 1].**Total Specimens for 15 April 1957: 1**

17 May 1957

Congo (Democratic Republic of the): Katundwe river: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].**Total Specimens for 17 May 1957: 1**

26 May 1957

Tanzania: Liwale: Ionides, C.J.P.: HZM: 1 [1 - 1 - 1].**Total Specimens for 26 May 1957: 1**

3 June 1957

Tanzania: Lembeni: Andersen: ZFMK: 2 [2 - 2 - 2].**Total Specimens for 3 June 1957: 2**

7 June 1957

Botswana: Tsane: Smithers, R.H.N.: HZM: 1 [1 - 1 - 1].**Total Specimens for 7 June 1957: 1**

17 June 1957

Tanzania: Lembeni: Andersen, Th.: ZFMK: 1 [1 - 1 - 1].**Total Specimens for 17 June 1957: 1**

21 June 1957

Tanzania: Lembeni: Andersen, Th.: ZFMK: 1 [1 - 1 - 1].**Total Specimens for 21 June 1957: 1**

24 June 1957

Malawi: Karonga: Aram: HZM: 1 [1 - 1 - 1].

Total Specimens for 24 June 1957: 1

3 July 1957

Congo (Democratic Republic of the): Kawezi-Uvira: Laarman, J.J.: RMNH: 1 [1 - 1 - 1].

Tanzania: Sam Deli: Andersen: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 3 July 1957: 2

10 July 1957

Tanzania: Same: Andersen, Th.: SMNS: 1 [1 - 1 - 1].

Total Specimens for 10 July 1957: 1

11 July 1957

Tanzania: Dali: Andersen, Th.: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 11 July 1957: 1

12 July 1957

Tanzania: Dali: Andersen, Th.: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 12 July 1957: 1

24 July 1957

South Africa: Sterkfontein caves: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 24 July 1957: 1

2 August 1957

Angola: Lucano: Hall, B.P. (Mrs.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 2 August 1957: 1

8 August 1957

Congo (Democratic Republic of the): Kilembe, 52 mi S: Leech, R. and Ross, E.: CAS: 1 [1 - 1 - 1].

Total Specimens for 8 August 1957: 1

23 August 1957

Tanzania: Lembeni: Andersen, Th.: SMNS: 1 [1 - 1 - 1].

Total Specimens for 23 August 1957: 1

26 August 1957

Tanzania: Lembeni: Andersen, Th.: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 26 August 1957: 1

3 September 1957

Kenya: Nyeri: Fowlet: HZM: 1 [1 - 1 - 1].

Total Specimens for 3 September 1957: 1

12 September 1957

Congo (Democratic Republic of the): Uvira: Leleup, N.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 12 September 1957: 1

18 September 1957

Angola: Roça Cansele: Heinrich, Gerd H.: YPM: 2 [2 - 2 - 2].

Congo (Democratic Republic of the): Kikumba [3 locs]: Rahm, Uwe: RMCA: 2 [2 - 2 - 2].

Total Specimens for 18 September 1957: 4

22 September 1957

Mozambique: Marine Research Station: ?: Collector Unknown: TM: 9 [9 - 9 - 9].

Total Specimens for 22 September 1957: 9

24 September 1957

Mozambique: Marine Research Station: ?: Collector Unknown: TM: 6 [6 - 6 - 6].

Total Specimens for 24 September 1957: 6

25 September 1957

Mozambique: Marine Research Station: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 25 September 1957: 1

28 September 1957

Congo (Democratic Republic of the): Jalusaka: Carbone, F.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 28 September 1957: 1

29 September 1957

Congo (Democratic Republic of the): Tantara caves: Anciaux de Faveaux, Michel: MHNG: 1 [1 - 1 - 1].

Total Specimens for 29 September 1957: 1

11 October 1957

Botswana: Kaoye: Arnold, H.J.: TM: 1 [1 - 1 - 1].

Total Specimens for 11 October 1957: 1

20 October 1957

Congo (Democratic Republic of the): Pempéré caves: Anciaux de Faveaux, Michel: RMCA: 1 [1 - 1 - 1].

Total Specimens for 20 October 1957: 1

4 November 1957

Tanzania: Lembeni: Andersen, Th.: SMNS: 2 [2 - 2 - 2].

Total Specimens for 4 November 1957: 2

6 November 1957

Angola: Nova Lisboa: Santos, Jaime: CZL: 1 [1 - 1 - 1].

Total Specimens for 6 November 1957: 1

1 December 1957

Congo (Democratic Republic of the): Jadotville: Anciaux de Faveaux, Michel: RMCA: 1 [1 - 1 - 1].

Tanzania: Bagamoyo: ?: Collector Unknown: RMNH: 1 [1 - 1 - 1].

Total Specimens for 1 December 1957: 2

2 December 1957

Congo (Democratic Republic of the): Kasenyi: Leech, R. and Ross, E.: CAS: 1 [1 - 1 - 1].

Egypt: Abu Rawash: Hoogstraal, Harry H. and Kaiser, M.N.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 2 December 1957: 2

3 December 1957

Tanzania: Bagamoyo: ?: Collector Unknown: RMNH: 1 [1 - 1 - 1].

Total Specimens for 3 December 1957: 1

4 December 1957

Tanzania: Bagamoyo: ?: Collector Unknown: RMNH: 1 [1 - 1 - 1].

Total Specimens for 4 December 1957: 1

5 December 1957

Tanzania: Bagamoyo: ?: Collector Unknown: RMNH: 3 [3 - 3 - 3].

Total Specimens for 5 December 1957: 3

6 December 1957

Tanzania: Bagamoyo: ?: Collector Unknown: RMNH: 1 [1 - 1 - 1].

Total Specimens for 6 December 1957: 1

7 December 1957

Tanzania: Bagamoyo: ?: Collector Unknown: RMNH: 3 [3 - 3] - Kidugallo: Andersen, Th.: SMNS: 1 [1 - 1 - 4].

Total Specimens for 7 December 1957: 4

8 December 1957

Cameroon: Malende Swamp area: Eisentraut, Martin: SMNS: 1, ZFMK: 2 [3 - 3 - 3].

Tanzania: Kidugallo: Andersen, Th.: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 8 December 1957: 4

9 December 1957

Tanzania: Bagamoyo: ?: Collector Unknown: RMNH: 2 [2 - 2 - 2].

Total Specimens for 9 December 1957: 2

10 December 1957

Cameroon: Malende Swamp area: Eisentraut, Martin: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 10 December 1957: 1

11 December 1957

Tanzania: Bagamoyo: ?: Collector Unknown: RMNH: 1 [1 - 1 - 1].

Total Specimens for 11 December 1957: 1

18 December 1957

Zambia: Abercorn: Vesey-FitzGerald, L.D.E.F. (Col.): HZM: 1 [1 - 1 - 1].

Total Specimens for 18 December 1957: 1

23 December 1957

Tanzania: Kidugallo: Andersen, Th.: SMNS: 1 [1 - 1 - 1].

Total Specimens for 23 December 1957: 1

28 December 1957

Tanzania: Kidugallo: Andersen: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 28 December 1957: 1

5 January 1958

Cameroon: Camp III: Eisentraut, Martin: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 5 January 1958: 1

6 January 1958

Cameroon: Buea: Eisentraut, Martin: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 6 January 1958: 1

7 January 1958

Cameroon: Camp III: Eisentraut, Martin: ZFMK: 1 [1 - 1 - 1].

South Africa: Farm Modderfontein, Howel Davies Caves: Copley, R.B.: TM: 4 [4 - 4] - Howel Davies Caves: ?: Collector
Unknown: TM: 22 [22 - 22] - Zebediello: Copley, R.B.: SMF: 1 [1 - 1 - 27].

Total Specimens for 7 January 1958: 28

8 January 1958

South Africa: Farm Modderfontein, Howel Davies Caves: Copley, R.B.: TM: 1 [1 - 1 - 1].

Total Specimens for 8 January 1958: 1

10 January 1958

Uganda: Katwe: Greenberg, Stuart N.: CAS: 1 [1 - 1 - 1].

Total Specimens for 10 January 1958: 1

13 January 1958

South Africa: Farm Makapansgat 39KS, Ficus cave: Copley, R.B.: TM: 3 [3 - 3] - Farm Makapansgat, Ficus cave: ?: Collector
Unknown: TM: 5 [5 - 5 - 8].

Total Specimens for 13 January 1958: 8

26 January 1958

Tanzania: Rondo Flat [forest]: Ionides, C.J.P.: HZM: 1 [1 - 1 - 1].

Total Specimens for 26 January 1958: 1

29 January 1958

Zambia: Mbesuma: Vesey-FitzGerald, L.D.E.F. (Col.): HZM: 1 [1 - 1 - 1].

Total Specimens for 29 January 1958: 1

31 January 1958

Zambia: Mbesuma: Vesey-FitzGerald, L.D.E.F. (Col.): HZM: 1 [1 - 1 - 1].

Total Specimens for 31 January 1958: 1

9 February 1958

South Africa: Cave of Death: ?: Collector Unknown: TM: 1 [1]; Copley, R.B.: TM: 1 [1 - 2 - 2].

Total Specimens for 9 February 1958: 2

10 February 1958

Cameroon: Camp V, Mueli: Eisentraut, Martin: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 10 February 1958: 1

15 February 1958

South Africa: Blurweberg cave: Copley, R.B.: TM: 2 [2 - 2 - 2].

Total Specimens for 15 February 1958: 2

17 February 1958

South Africa: Blurweberg cave: Copley, R.B.: TM: 3 [3 - 3] - Skurweberg cave: Copley, R.B.: TM: 1 [1 - 1 - 4].

Total Specimens for 17 February 1958: 4

1 March 1958

Congo (Democratic Republic of the): Kolwezi: ?: Collector Unknown: OSU: 1 [1 - 1 - 1].

Total Specimens for 1 March 1958: 1

16 March 1958

Congo (Democratic Republic of the): Ikela: Carbone, F.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 16 March 1958: 1

21 March 1958

Angola: Carumba lake: Heinrich, Gerd H.: YPM: 1 [1 - 1 - 1].

Total Specimens for 21 March 1958: 1

1 April 1958

Congo (Democratic Republic of the): Panda-Camp: Anciaux de Faveaux, Michel: RMCA: 1 [1 - 1 - 1].

Total Specimens for 1 April 1958: 1

2 April 1958

South Africa: Farm Modderfontein, Howell Davies Cave: Copley, R.B.: TM: 1 [1 - 1 - 1].

Total Specimens for 2 April 1958: 1

7 April 1958

South Africa: Farm Modderfontein, Howel Davies Caves: Copley, R.B.: TM: 2 [2 - 2 - 2].

Total Specimens for 7 April 1958: 2

9 April 1958

South Africa: Farm Modderfontein, Howel Davies Caves: Copley, R.B.: TM: 1 [1 - 1 - 1].

Total Specimens for 9 April 1958: 1

10 April 1958

South Africa: Farm Makapansgat 39, Peppercorn Cave [=Peppercorn's, Peppercorn]: Copley, R.B.: TM: 1 [1 - 1 - 1].

Total Specimens for 10 April 1958: 1

15 April 1958

South Africa: Farm Modderfontein, Howel Davies Caves: Copley, R.B.: TM: 1 [1 - 1 - 1].

Total Specimens for 15 April 1958: 1

25 April 1958

Tanzania: Kafukola: Vesey-FitzGerald, L.D.E.F. (Col.): HZM: 1 [1 - 1 - 1].

Total Specimens for 25 April 1958: 1

28 April 1958

Congo (Democratic Republic of the): Butembo: Dyleff, P.: RMCA: 2 [2 - 2 - 2].

Total Specimens for 28 April 1958: 2

2 June 1958

Congo (Democratic Republic of the): Jadotville: Anciaux de Faveaux, Michel: RMCA: 1 [1 - 1 - 1].

Total Specimens for 2 June 1958: 1

7 June 1958

Congo (Democratic Republic of the): Butembo: Dyleff, P.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 7 June 1958: 1

8 June 1958

Congo (Democratic Republic of the): Jadotville: Anciaux de Faveaux, Michel: RMCA: 2 [2 - 2 - 2].

Total Specimens for 8 June 1958: 2

10 June 1958

Tanzania: Mbemba: Harrison, David Lakin (Dr.): SMF: 1 [1]; Rees, A.F.?: SMF: 1 [1 - 2 - 2].

Total Specimens for 10 June 1958: 2

11 June 1958

Congo (Democratic Republic of the): Pempere cave: Anciaux de Faveaux, Felix: SMF: 2 [2 - 2 - 2].

Total Specimens for 11 June 1958: 2

14 June 1958

South Africa: Farm Donkerpoort 448, Sandspruit Cave No. 1: Copley, R.B.: TM: 1 [1 - 1 - 1].

Total Specimens for 14 June 1958: 1

16 June 1958

South Africa: Farm Donkerpoort 448, Sandspruit Cave No. 1: Copley, R.B.: TM: 1 [1 - 1 - 1].

Total Specimens for 16 June 1958: 1

30 June 1958

South Africa: Farm Modderfontein, Howel Davies Caves: Copley, R.B.: TM: 3 [3 - 3 - 3].

Total Specimens for 30 June 1958: 3

4 July 1958

Congo (Democratic Republic of the): Congo: Jans, E. (Rev.): RMCA: 1 [1 - 1 - 1].

Total Specimens for 4 July 1958: 1

8 July 1958

Congo (Democratic Republic of the): Irsac labo: Rahm, Uwe: RMCA: 1 [1 - 1 - 1].

Total Specimens for 8 July 1958: 1

14 July 1958

Uganda: Katwe: Greenberg, Stuart N.: CAS: 1 [1 - 1 - 1].

Total Specimens for 14 July 1958: 1

18 July 1958

Tunisia: Gabès: Marinkelle, C.J.: FMNH: 2 [2 - 2 - 2].

Total Specimens for 18 July 1958: 2

22 July 1958

Kenya: Molo river: Greenberg, Stuart N.: CAS: 1 [1 - 1 - 1].

Total Specimens for 22 July 1958: 1

1 August 1958

Angola: Dundo Lundo: de Barros Machado, A. (Dr.): BMNH: 1 [1 - 1 - 1].**Total Specimens for 1 August 1958: 1**

7 August 1958

Tanzania [=former Tanganika]: Kilwa: Harrison, David Lakin (Dr.): SMF: 2 [2 - 2 - 2].**Total Specimens for 7 August 1958: 2**

13 August 1958

"Africa": Unknown locality: N'Kele: RMCA: 1 [1 - 1 - 1].**Total Specimens for 13 August 1958: 1**

16 August 1958

Zimbabwe: Ingwesi Ranch: Stuart Irwin, M.P.: HZM: 1 [1 - 1 - 1].**Total Specimens for 16 August 1958: 1**

18 August 1958

Kenya: Nairobi: Greenberg, Stuart N.: CAS: 1 [1 - 1 - 1].**Total Specimens for 18 August 1958: 1**

1 September 1958

Senegal: Richard Toll: Roux, Francis: MNHN: 1 [1 - 1 - 1].**Somalia:** Afgoi: Sammicheli: MZUF: 1 [1 - 1 - 1].**Total Specimens for 1 September 1958: 2**

10 September 1958

Tanzania: Madaba: Harrison, David Lakin (Dr.): SMF: 1 [1 - 1 - 1].**Total Specimens for 10 September 1958: 1**

27 September 1958

Namibia: Okahandja: Gaerdes, F.: SMF: 1 [1 - 1 - 1].**Total Specimens for 27 September 1958: 1**

7 October 1958

Nigeria: Sokoto: Swire, P.: HZM: 1 [1 - 1 - 1].**Total Specimens for 7 October 1958: 1**

9 October 1958

Congo (Democratic Republic of the): Mabali: Rahm, Uwe: RMCA: 2 [2 - 2 - 2].**Total Specimens for 9 October 1958: 2**

13 October 1958

Nigeria: Sokoto: Swire, P.: HZM: 1 [1 - 1 - 1].**Total Specimens for 13 October 1958: 1**

29 October 1958

Congo (Democratic Republic of the): Mabali: Rahm, Uwe: RMCA: 1 [1 - 1 - 1].**Total Specimens for 29 October 1958: 1**

1 November 1958

Tanzania: Liwale: Ionides, C.J.P.: HZM: 1 [1 - 1 - 1].

Total Specimens for 1 November 1958: 1

10 November 1958

Ghana: Sogakofe: Allison, F.R.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 10 November 1958: 1

14 November 1958

Zambia: Abercorn: Vesey-FitzGerald, L.D.E.F. (Col.): HZM: 1 [1 - 1 - 1].

Total Specimens for 14 November 1958: 1

1 December 1958

Zambia: Abercorn: Vesey-FitzGerald, L.D.E.F. (Col.): HZM: 1 [1 - 1 - 1].

Total Specimens for 1 December 1958: 1

2 December 1958

Tanzania: Bagamoyo: ?: Collector Unknown: RMNH: 1 [1 - 1 - 1].

Total Specimens for 2 December 1958: 1

8 December 1958

Tanzania: Bagamoyo: ?: Collector Unknown: RMNH: 1 [1 - 1 - 1].

Total Specimens for 8 December 1958: 1

12 December 1958

Tanzania: Bagamoyo: ?: Collector Unknown: RMNH: 1 [1 - 1 - 1].

Total Specimens for 12 December 1958: 1

19 December 1958

South Africa: Sunnyside: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Tanzania: Kilosa: Rees, A.F.?: HZM: 1 [1 - 1 - 1].

Total Specimens for 19 December 1958: 2

29 December 1958

South Africa: Irene: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 29 December 1958: 1

30 December 1958

Egypt: Abu Rawash: Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 30 December 1958: 1

12 January 1959

South Africa: Skurweberg cave: Meester, J.: TM: 1 [1 - 1 - 1].

Total Specimens for 12 January 1959: 1

17 January 1959

Tanzania: Kilosa: Rees, A.F.?: HZM: 1 [1 - 1 - 1].

Total Specimens for 17 January 1959: 1

20 January 1959

Zambia: Manyinga River: Ansell, W.F.H.: HZM: 1 [1 - 1 - 1].

Total Specimens for 20 January 1959: 1

30 January 1959

Congo (Democratic Republic of the): Nyambasha: Rahm, Uwe: RMCA: 4 [4 - 4 - 4].

Total Specimens for 30 January 1959: 4

6 February 1959

Congo (Democratic Republic of the): Utu: Rahm, Uwe: RMCA: 1 [1 - 1 - 1].

Total Specimens for 6 February 1959: 1

7 February 1959

Tanzania: Kichanjane: Rees, A.F.?: HZM: 1 [1 - 1 - 1].

Total Specimens for 7 February 1959: 1

11 February 1959

Tanzania: Rondo Flat [forest]: Ionides, C.J.P.: HZM: 2 [2 - 2 - 2].

Total Specimens for 11 February 1959: 2

15 February 1959

Congo (Democratic Republic of the): Alima: Dyleff, P.: RMCA: 2 [2 - 2 - 2].

Total Specimens for 15 February 1959: 2

16 February 1959

Namibia: De Valle: Niethammer, G.: ZFMK: 5 [5 - 5] - Felseneck/Naukluft: Hoesch, W.: ZFMK: 1 [1 - 1 - 6].

Total Specimens for 16 February 1959: 6

18 February 1959

Namibia: Felseneck/Naukluft: Hoesch, W.: ZFMK: 4 [4 - 4 - 4].

Total Specimens for 18 February 1959: 4

3 March 1959

Zambia: Chavuma area: Ansell, W.F.H.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 3 March 1959: 1

5 March 1959

Uganda: Moruita: Brooks, A.C.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 5 March 1959: 1

12 March 1959

Congo (Democratic Republic of the): Kabira: Rahm, Uwe: RMCA: 1 [1 - 1 - 1].

Total Specimens for 12 March 1959: 1

14 March 1959

Tunisia: Cartago: Roer, Hubert: ZFMK: 3 [3 - 3 - 3].

Total Specimens for 14 March 1959: 3

15 March 1959

Congo (Democratic Republic of the): Kabira: Rahm, Uwe: RMCA: 1 [1 - 1 - 1].
Tunisia: Cartago: Roer, Hubert: ZFMK: 5 [5 - 5 - 5].

Total Specimens for 15 March 1959: 6

16 March 1959

Congo (Democratic Republic of the): Butembo: Dyleff, P.: RMCA: 6 [6 - 6 - 6].

Total Specimens for 16 March 1959: 6

17 March 1959

South Africa: Bishopstowe cave: Meester, J.A.J. "Waldo": TM: 1 [1 - 1 - 1].

Total Specimens for 17 March 1959: 1

27 March 1959

Congo (Democratic Republic of the): Murambi: Rahm, Uwe: RMCA: 1 [1 - 1 - 1].

Total Specimens for 27 March 1959: 1

31 March 1959

Zambia: Kabompo Boma: Ansell, W.F.H.: HZM: 1 [1 - 1 - 1].

Total Specimens for 31 March 1959: 1

1 April 1959

Nigeria: Sokoto: Swin: HZM: 1 [1 - 1 - 1].

Total Specimens for 1 April 1959: 1

6 May 1959

Congo (Democratic Republic of the): Nkene: Rahm, Uwe: RMCA: 1 [1 - 1 - 1].

Total Specimens for 6 May 1959: 1

7 May 1959

Tanzania: Igalula: Rees, A.F.?: HZM: 1 [1 - 1 - 1].

Total Specimens for 7 May 1959: 1

8 May 1959

Egypt: Abu Rawash: Hoogstraal, Harry H.: USNM: 2 [2 - 2 - 2].

Total Specimens for 8 May 1959: 2

10 May 1959

Namibia: Swakopmund: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 10 May 1959: 1

13 May 1959

Zambia: Kafue Gorge: Ansell, W.F.H.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 13 May 1959: 1

19 May 1959

Namibia: Rooibank: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 19 May 1959: 1

14 June 1959

Zambia: Chingi: Ansell, W.F.H.: HZM: 1 [1 - 1 - 1].

Total Specimens for 14 June 1959: 1

15 June 1959

Tanzania: Kalambo Falls: Holliday, C.S.: NHMZ: 1 [1 - 1 - 1].**Total Specimens for 15 June 1959: 1**

5 July 1959

Ethiopia: Ghibbey valley: Allison, F.R.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 5 July 1959: 1**

16 July 1959

Ethiopia: Robi: Allison, F.R.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 16 July 1959: 1**

21 July 1959

South Africa: Gillets: Richards, G.: DNSM: 1 [1 - 1] - Kaggasmoudt: ?: Collector Unknown: NM: 1 [1 - 1 - 2].**Total Specimens for 21 July 1959: 2**

24 July 1959

Zambia: Kasompe: Ansell, W.F.H.: HZM: 1 [1 - 1 - 1].**Total Specimens for 24 July 1959: 1**

27 July 1959

Congo (Democratic Republic of the): Omaniundu: Laurent, R. (Prof. Dr.): RMCA: 2 [2 - 2 - 2].**Total Specimens for 27 July 1959: 2**

8 August 1959

Somalia: Afgoi: ?: Collector Unknown: MZUF: 1 [1 - 1 - 1].**Total Specimens for 8 August 1959: 1**

11 August 1959

Tanzania: Kiraboga: Harrison, David Lakin (Dr.): SMF: 1 [1 - 1 - 1].**Total Specimens for 11 August 1959: 1**

13 August 1959

Somalia: El Bur: ?: Collector Unknown: TM: 3 [3 - 3 - 3].**Total Specimens for 13 August 1959: 3**

20 August 1959

Somalia: El Bur: ?: Collector Unknown: TM: 1 [1 - 1] - El Bur to El Der, road between: ?: Collector Unknown: TM: 2 [2 - 2 - 3].**Total Specimens for 20 August 1959: 3**

21 August 1959

Congo (Democratic Republic of the): Irangi: Rahm, Uwe: RMCA: 1 [1 - 1 - 1].**Total Specimens for 21 August 1959: 1**

1 September 1959

Sudan: Amadi: ?: Collector Unknown: ZMUC: 3 [3 - 3 - 3].**Total Specimens for 1 September 1959: 3**

4 September 1959

Somalia: Gelib: ?: Collector Unknown: MZUF: 1 [1 - 1 - 1].

Total Specimens for 4 September 1959: 1

5 September 1959

Somalia: Genale: ?: Collector Unknown: MZUF: 1 [1 - 1 - 1].

Total Specimens for 5 September 1959: 1

6 September 1959

Somalia: Genale: ?: Collector Unknown: MZUF: 1 [1 - 1 - 1].

Total Specimens for 6 September 1959: 1

20 September 1959

Somalia: Afgoi: ?: Collector Unknown: MZUF: 1 [1 - 1 - 1].

Total Specimens for 20 September 1959: 1

2 October 1959

Ethiopia: Woliso: Allison, F.R.: HZM: 1 [1 - 1 - 1].

Total Specimens for 2 October 1959: 1

11 October 1959

Ethiopia: Gondar: Ward, C? (Col.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 11 October 1959: 1

13 October 1959

Israel: Wadi Araba, Yotwata: Harrison, David Lakin (Dr.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 13 October 1959: 1

14 October 1959

Ethiopia: Woliso: Allison, F.R.: HZM: 1 [1 - 1 - 1].

Total Specimens for 14 October 1959: 1

23 October 1959

Congo (Democratic Republic of the): Bokalakala: Garside, Rév. J.G.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 23 October 1959: 1

30 October 1959

Uganda: Mweya: Poppleton, F.: HZM: 2 [2 - 2 - 2].

Total Specimens for 30 October 1959: 2

8 November 1959

Guinea: Macenta, 25 km NW: Roche, Jean: MNHN: 1 [1 - 1 - 1].

Total Specimens for 8 November 1959: 1

11 November 1959

Congo (Democratic Republic of the): Tenke, Mwela-Pande cave: Anciaux de Faveaux, Felix: SMF: 1 [1 - 1 - 1].

Total Specimens for 11 November 1959: 1

14 November 1959

Zambia: Kabompo district: Ansell, W.F.H.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 14 November 1959: 1

27 November 1959

Zambia: Kapombo Boma: Ansell, W.F.H.: HZM: 1 [1 - 1 - 1].

Total Specimens for 27 November 1959: 1

30 November 1959

Tanzania: Bagamoyo: ?: Collector Unknown: RMNH: 1 [1 - 1 - 1].

Total Specimens for 30 November 1959: 1

2 December 1959

Tanzania: Bagamoyo: ?: Collector Unknown: RMNH: 1 [1 - 1 - 1].

Total Specimens for 2 December 1959: 1

6 December 1959

Tanzania: Bagamoyo: ?: Collector Unknown: RMNH: 8 [8]; Van Barneveld, H.W.P.: RMNH: 1 [1 - 9 - 9].

Total Specimens for 6 December 1959: 9

8 December 1959

Ethiopia: Gondar: Ward, C? (Col.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 8 December 1959: 1

12 December 1959

South Africa: Rooiberg, Sundspruit cave: Copley, R.B.: SMF: 2 [2 - 2 - 2].

Total Specimens for 12 December 1959: 2

27 December 1959

Tanzania: Newala: Ionides, C.J.P.: HZM: 2 [2 - 2 - 2].

Total Specimens for 27 December 1959: 2

3 January 1960

Kenya: Songhor: Ellis, Rev. W.: HZM: 1 [1 - 1 - 1].

Total Specimens for 3 January 1960: 1

14 January 1960

Congo (Democratic Republic of the): Idjwi island: Rahm, Uwe: RMCA: 2 [2 - 2 - 2].

Total Specimens for 14 January 1960: 2

21 January 1960

Tanzania: Lembeni: Andersen: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 21 January 1960: 1

12 February 1960

Congo (Democratic Republic of the): Alima: Dyleff, P.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 12 February 1960: 1

14 February 1960

Cameroon: Nyasoso: Eisentraut, Martin: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 14 February 1960: 1

10 March 1960

Nigeria: Abeotuka: Brown: HZM: 1 [1 - 1 - 1].**Total Specimens for 10 March 1960: 1**

15 March 1960

Congo (Democratic Republic of the): Mulolo: Rahm, Uwe: BMNH: 1 [1 - 1 - 1].**Total Specimens for 15 March 1960: 1**

17 March 1960

Tanzania: Lembeni: Andersen, Th.: ZFMK: 1 [1 - 1 - 1].**Total Specimens for 17 March 1960: 1**

18 March 1960

Congo (Democratic Republic of the): Lulola-Kasanga: Rahm, Uwe: BMNH: 1 [1 - 1 - 1].**Tanzania:** Lembeni: Andersen, Th.: ZFMK: 1 [1 - 1 - 1].**Total Specimens for 18 March 1960: 2**

21 March 1960

Tanzania: Lembeni: Andersen, Th.: ZFMK: 1 [1 - 1 - 1].**Total Specimens for 21 March 1960: 1**

23 March 1960

South Africa: Punda Malia: ?: Collector Unknown: TM: 2 [2 - 2] - Punda Malia Camp: Brain, C.K.: TM: 1 [1 - 1 - 3].**Total Specimens for 23 March 1960: 3**

24 March 1960

South Africa: Punda Malia camp: ?: Collector Unknown: TM: 3 [3 - 3] - Punda Malia Police post: ?: Collector Unknown: TM: 2 [2 - 2 - 5].**Total Specimens for 24 March 1960: 5**

27 March 1960

South Africa: Punda Malia Camp: Brain, C.K.: TM: 1 [1 - 1 - 1].**Total Specimens for 27 March 1960: 1**

29 March 1960

South Africa: Matlepits Valley: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 29 March 1960: 1**

31 March 1960

Uganda: Moroto: Brooks, A.C.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 31 March 1960: 1**

18 April 1960

Tanzania: Lembeni: Andersen, Th.: ZFMK: 1 [1 - 1 - 1].**Total Specimens for 18 April 1960: 1**

22 April 1960

Congo (Democratic Republic of the): Kisanga: Rahm, Uwe: BMNH: 2 [2 - 2 - 2].

Total Specimens for 22 April 1960: 2

23 April 1960

Tanzania: Lembeni: Andersen: ZFMK: 1 [1 - 1 - 1].**Total Specimens for 23 April 1960: 1**

25 April 1960

Congo (Democratic Republic of the): Kisanga: Rahm, Uwe: BMNH: 1 [1 - 1 - 1].**Total Specimens for 25 April 1960: 1**

27 April 1960

Tanzania: Lembeni: Andersen, Th.: ZFMK: 2 [2 - 2 - 2].**Total Specimens for 27 April 1960: 2**

2 May 1960

Tanzania: Kilosa: ?: Collector Unknown: SMF: 1 [1 - 1] - Lembeni: Andersen: ZFMK: 3 [3 - 3 - 4].**Total Specimens for 2 May 1960: 4**

5 May 1960

Zimbabwe: Sentinel Ranch: R.S.E.S: HZM: 1 [1 - 1 - 1].**Total Specimens for 5 May 1960: 1**

11 May 1960

Tanzania: Lembeni: Andersen, Th.: ZFMK: 1 [1 - 1 - 1].**Total Specimens for 11 May 1960: 1**

21 May 1960

Nigeria: Pategi: Sibley, Fred C.: AMNH: 1 [1 - 1 - 1].**Total Specimens for 21 May 1960: 1**

23 May 1960

Uganda: Mbarara: Brooks, A.C. and Mills, J.R.F.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 23 May 1960: 1**

1 June 1960

Tanzania: Bagamoyo: Van Barneveld, H.W.P.: RMNH: 2 [2 - 2 - 2].**Total Specimens for 1 June 1960: 2**

2 June 1960

Zimbabwe: Sentinel Ranch: R.S.E.S: HZM: 1 [1 - 1 - 1].**Total Specimens for 2 June 1960: 1**

4 June 1960

Congo (Democratic Republic of the): Dethiox caves: Anciaux de Faveaux, Felix: SMF: 5 [5 - 5 - 5].**Total Specimens for 4 June 1960: 5**

11 June 1960

Congo (Democratic Republic of the): Kakontwe, Kalomoni cave: Anciaux de Faveaux, Felix: SMF: 1 [1 - 1 - 1].**Total Specimens for 11 June 1960: 1**

19 June 1960

Zimbabwe: Umtali Old Mine: Smithers, R.H.N.: HZM: 1 [1 - 1 - 1].

Total Specimens for 19 June 1960: 1

21 June 1960

Kenya: Masabubu: Barrington, F.M. and Pine, R.H.: CM: 1 [1 - 1 - 1].

Total Specimens for 21 June 1960: 1

23 June 1960

Kenya: Masabubu, 1.5 mi E: Blagden, H.H.: CM: 1 [1 - 1 - 1].

Total Specimens for 23 June 1960: 1

26 June 1960

Kenya: Masabubu: Pine, R.H.: AMNH: 1 [1 - 1 - 1].

Total Specimens for 26 June 1960: 1

8 July 1960

Tanzania: Soga: Andersen: ZFMK: 2 [2]; Andersen, Th.: ZFMK: 1 [1 - 3 - 3].

Total Specimens for 8 July 1960: 3

9 July 1960

Tanzania: Soga: Andersen, Th.: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 9 July 1960: 1

10 July 1960

Tanzania: Soga: Andersen: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 10 July 1960: 1

11 July 1960

Tanzania: Soga: Andersen: ZFMK: 2 [2 - 2 - 2].

Total Specimens for 11 July 1960: 2

14 July 1960

Tanzania: Soga: Andersen: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 14 July 1960: 1

16 July 1960

Tanzania: Soga: Andersen: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 16 July 1960: 1

17 July 1960

Tanzania: Kugulwira: Andersen, Th.: NMBE: 1 [1 - 1] - Morogoro: Andersen, Th.: ZFMK: 3 [3 - 3 - 4].

Total Specimens for 17 July 1960: 4

19 July 1960

Tanzania: Soga: Andersen: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 19 July 1960: 1

20 July 1960

Tanzania: Soga: Andersen: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 20 July 1960: 1

21 July 1960

Tanzania: Kisarawe: Andersen, Th.: ZFMK: 2 [2 - 2 - 2].

Total Specimens for 21 July 1960: 2

23 July 1960

Uganda: Bwamba Forest: Twomey, A.C.: CM: 2 [2 - 2 - 2].

Total Specimens for 23 July 1960: 2

25 July 1960

Tanzania: Dar es Salaam: Andersen: ZFMK: 3 [3 - 3 - 3].

Total Specimens for 25 July 1960: 3

26 July 1960

Tanzania: Soga: Andersen: ZFMK: 4 [4 - 4 - 4].

Total Specimens for 26 July 1960: 4

27 July 1960

Tanzania: Soga: Andersen: ZFMK: 2 [2 - 2 - 2].

Total Specimens for 27 July 1960: 2

30 July 1960

Tanzania: Soga: Andersen: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 30 July 1960: 1

1 August 1960

Tanzania: Soga: Andersen, Th.: ZFMK: 4 [4 - 4 - 4].

Total Specimens for 1 August 1960: 4

2 August 1960

Congo (Democratic Republic of the): Shinkolobwe: Anciaux de Faveaux, Michel: KBIN: 3, SMF: 2 [5 - 5 - 5].

Tanzania: Soga: Andersen, Th.: ZFMK: 3 [3 - 3 - 3].

Total Specimens for 2 August 1960: 8

4 August 1960

Tanzania: Soga: Andersen, Th.: NMBE: 1 [1 - 1 - 1].

Total Specimens for 4 August 1960: 1

7 August 1960

Congo (Democratic Republic of the): Pempere, Crevettes cave: Anciaux de Faveaux, Felix: SMF: 1 [1 - 1 - 1] - Pempere, Defrenne cave: Anciaux de Faveaux, Felix: SMF: 2 [2 - 2 - 3].

Total Specimens for 7 August 1960: 3

18 August 1960

Tanzania: Kisarawe: Andersen, Th.: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 18 August 1960: 1

22 August 1960

Tanzania: Mwaya: Conicks: HZM: 1 [1 - 1 - 1].

Total Specimens for 22 August 1960: 1

6 September 1960

Tanzania: Kisarawe: Andersen, Th.: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 6 September 1960: 1

15 September 1960

Tanzania: Morogoro, 20 mi N: Twomey, A.C.: CM: 1 [1 - 1 - 1].

Total Specimens for 15 September 1960: 1

21 September 1960

Congo (Democratic Republic of the): Kakanda, Kondo cave: Anciaux de Faveaux, Felix: SMF: 2 [2 - 2 - 2].

Total Specimens for 21 September 1960: 2

22 September 1960

Congo (Democratic Republic of the): Kakanda cave: Anciaux de Faveaux, Michel: KBIN: 2 [2 - 2 - 2].

Total Specimens for 22 September 1960: 2

27 September 1960

South Africa: Farm Geluk: Nel, D.J.: TM: 1 [1 - 1 - 1].

Total Specimens for 27 September 1960: 1

28 September 1960

Kenya: Port Reitz: Corbet, Gordon B.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 28 September 1960: 1

8 October 1960

Egypt: Zawyet Umm El Rakham, 0.5 mi: Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 8 October 1960: 1

28 October 1960

Ghana: Kumasi-Dunkwa road: Barry, D.H.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 28 October 1960: 1

30 October 1960

Tanzania: Soga: Andersen: ZFMK: 3 [3 - 3 - 3].

Total Specimens for 30 October 1960: 3

12 November 1960

Tanzania: Newala: Ionides, C.J.P.: HZM: 1 [1 - 1 - 1].

Total Specimens for 12 November 1960: 1

1 December 1960

South Africa: Hatfield: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 1 December 1960: 2

11 December 1960

South Africa: Jane Furse Hospital: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 11 December 1960: 1

12 December 1960

Zimbabwe: Umtali Old Mine: Smithers, R.H.N.: HZM: 1 [1 - 1 - 1].**Total Specimens for 12 December 1960: 1**

29 December 1960

South Africa: Burgers Park: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 29 December 1960: 1**

23 January 1961

Botswana: Tsane: Smithers, R.H.N.: HZM: 1 [1 - 1 - 1].**Total Specimens for 23 January 1961: 1**

24 February 1961

Botswana: Tsane: Smithers, R.H.N.: HZM: 1 [1 - 1 - 1].**Total Specimens for 24 February 1961: 1**

1 March 1961

Sudan: Jebel el Azraq: Marrogordato, J.G.: HZM: 9 [9 - 9 - 9].**Total Specimens for 1 March 1961: 9**

6 March 1961

Tunisia: Cartago: Walch, K.: SMF: 1 [1 - 1 - 1].**Total Specimens for 6 March 1961: 1**

9 March 1961

South Africa: Derdepoort: du Preez, J.: TM: 1 [1 - 1 - 1].**Total Specimens for 9 March 1961: 1**

1 April 1961

Zambia: Chilanga cave: ?: Collector Unknown: TM: 2 [2 - 2 - 2].**Total Specimens for 1 April 1961: 2**

8 April 1961

Angola: Dundo Lundo: de Barros Machado, A. (Dr.): BMNH: 1 [1 - 1 - 1].**Zambia:** Dzala Cave: de Barros Machado, A. (Dr.): BMNH: 1 [1 - 1 - 1].**Total Specimens for 8 April 1961: 2**

15 April 1961

Namibia: Windhoek: Zumpt, F. (dr.): ZFMK: 2 [2 - 2 - 2].**Total Specimens for 15 April 1961: 2**

21 April 1961

South Africa: Skukuza: Meester: TM: 1 [1 - 1] - Skukuza Koppies: ?: Collector Unknown: TM: 1 [1]; Meester: TM: 1 [1 - 2 - 3].**Total Specimens for 21 April 1961: 3**

22 April 1961

South Africa: Skukuza: Meester, J.: TM: 1 [1 - 1 - 1].

Total Specimens for 22 April 1961: 1

27 April 1961

South Africa: Matupa Cave: J Meester D Steyman: TM: 1 [1 - 1 - 1].**Total Specimens for 27 April 1961: 1**

17 May 1961

South Africa: Skurweberg cave: Meester, J. and Coetzee, C.G.: TM: 1 [1 - 1 - 1].**Total Specimens for 17 May 1961: 1**

17 June 1961

Nigeria: Ibadan: Taylor, K.D.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 17 June 1961: 1**

23 June 1961

Congo (Democratic Republic of the): Irangi: Rahm, Uwe: BMNH: 1 [1 - 1 - 1].**Total Specimens for 23 June 1961: 1**

11 July 1961

Congo (Democratic Republic of the): Irangi: Rahm, Uwe: BMNH: 1 [1 - 1 - 1].**Total Specimens for 11 July 1961: 1**

24 July 1961

Ghana: Tumu area: Barry, D.H.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 24 July 1961: 1**

9 August 1961

Uganda: Katatemwa: Cook, P. (Mrs): HZM: 1 [1 - 1 - 1].**Total Specimens for 9 August 1961: 1**

22 September 1961

Mozambique: Aldeia Chiuta [= Chiuta, Chuta]: Coetzee, C.G.: TM: 1 [1 - 1 - 1].**Total Specimens for 22 September 1961: 1**

23 September 1961

Kenya: Nairobi: Williams, L.: SMF: 1 [1 - 1 - 1].**Total Specimens for 23 September 1961: 1**

24 September 1961

Tanzania: Seronera: Plisnier, J.: KBIN: 1 [1 - 1 - 1].**Total Specimens for 24 September 1961: 1**

28 September 1961

Botswana: Drodsky cave: Maseko, S.: USNM: 1 [1 - 1 - 1].**Total Specimens for 28 September 1961: 1**

29 September 1961

Botswana: Drodsky cave: Cole, Ronald E.: USNM: 1 [1]; Maseko, S.: USNM: 8 [8 - 9 - 9].**Total Specimens for 29 September 1961: 9**

4 October 1961

Tanzania: Lukoga: Rees, A.F.?: HZM: 1 [1 - 1 - 1].

Total Specimens for 4 October 1961: 1

8 October 1961

Sudan: Khartoum: Celo, F.: SMF: 1 [1 - 1 - 1].

Total Specimens for 8 October 1961: 1

18 November 1961

Zambia: Sikongo: Taylor, R.H.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 18 November 1961: 1

20 November 1961

Botswana: Tsane: Haacke, W. and Prozesky, O.P.M: USNM: 10 [10 - 10 - 10].

Total Specimens for 20 November 1961: 10

23 November 1961

South Africa: Punda Malia: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 23 November 1961: 2

29 November 1961

Zimbabwe: Miami, 4 mi E: Mitchell: HZM: 1 [1 - 1 - 1].

Total Specimens for 29 November 1961: 1

3 December 1961

Zimbabwe: Thornpark Estate: Smithers, R.H.N.: HZM: 1 [1 - 1 - 1].

Total Specimens for 3 December 1961: 1

5 December 1961

Zambia: Sihole: Taylor, R.H.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 5 December 1961: 1

17 December 1961

Mozambique: Chemezi: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Uganda: Bukalasa: Mutere, F.A.: SMF: 1 [1 - 1 - 1].

Total Specimens for 17 December 1961: 3

1 January 1962

Somalia: Afgoi: ?: Collector Unknown: MZUF: 1 [1 - 1 - 1].

Total Specimens for 1 January 1962: 1

8 January 1962

Zambia: Chikundulu river: Ansell, W.F.H.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 8 January 1962: 1

17 January 1962

Egypt: Abu Rawash: Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 1].

Tanzania: : ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 17 January 1962: 2

24 January 1962

Tanzania: Kilosa: Rees, A.F.?: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 24 January 1962: 1

28 January 1962

Tanzania: Minaki, St. Andrews College: Ogilvie, M.B. (or P.W.): KU: 1 [1 - 1 - 1].

Total Specimens for 28 January 1962: 1

20 February 1962

Tanzania: : ?: Collector Unknown: TM: 3 [3 - 3 - 3].

Total Specimens for 20 February 1962: 3

3 March 1962

Tanzania: Minaki, St. Andrews College: Ogilvie, M.B. (or P.W.): KU: 2 [2 - 2 - 2].

Total Specimens for 3 March 1962: 2

19 March 1962

Zimbabwe: Umtali Old Mine: Broadley: HZM: 1 [1 - 1 - 1].

Total Specimens for 19 March 1962: 1

4 April 1962

Tanzania: Amani: Hubbard, C.A.: TM: 1 [1 - 1 - 1].

Total Specimens for 4 April 1962: 1

6 April 1962

Sierra Leone: Musaia: Allison, A.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 6 April 1962: 1

9 April 1962

South Africa: Nelspruit: ?: Collector Unknown: TM: 1 [1]; du Preez, J.: TM: 1 [1 - 2 - 2].

Total Specimens for 9 April 1962: 2

30 April 1962

Tanzania: Amani: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 30 April 1962: 1

1 May 1962

Tanzania: Amani: Hubbard, C.A.: TM: 1 [1 - 1 - 1].

Total Specimens for 1 May 1962: 1

9 May 1962

Egypt: Bahig: Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 1].

Sierra Leone: Musaia: Allison, F.R.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 9 May 1962: 2

14 May 1962

South Africa: Sunnyside: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 14 May 1962: 1

18 May 1962

Sierra Leone: Musaia: Allison, F.R.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 18 May 1962: 1

3 June 1962

South Africa: Farm Donkerpoort 448, Sandspruit Cave No. 1: Copley, R.B.: TM: 5 [5 - 5 - 5].

Total Specimens for 3 June 1962: 5

4 June 1962

Tanzania: Chimala: Knipper: LNK: 11 [11 - 11 - 11].

Total Specimens for 4 June 1962: 11

8 June 1962

Libya: Labraq, 5 km SW: Ranck, G.L. and Shaw, J.H.: USNM: 1 [1 - 1 - 1].

Total Specimens for 8 June 1962: 1

12 June 1962

Sudan: Nzara: Kock, Dieter: SMF: 1 [1 - 1 - 1].

Total Specimens for 12 June 1962: 1

28 June 1962

Tanzania: Usa: Von Nagy: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 28 June 1962: 1

30 June 1962

Congo (Democratic Republic of the): Tantara, cave, "Trou aux Serpents": Anciaux de Faveaux, Felix: SMF: 1 [1 - 1 - 1].

Total Specimens for 30 June 1962: 1

1 July 1962

Uganda: Bulaganya, cave 3 mi S: Jones, Theo Simpson and Shepherd, C.: BMNH: 2 [2 - 2 - 2].

Total Specimens for 1 July 1962: 2

5 July 1962

Zambia: Lusingazi Game Camp: Newman, D.H.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 5 July 1962: 1

7 July 1962

South Africa: Bredasdorp, "Onmeetbare" cave: Rau, R.: SMF: 4 [4 - 4 - 4].

Total Specimens for 7 July 1962: 4

14 July 1962

Zimbabwe: Salisbury: Shone: HZM: 1 [1 - 1 - 1].

Total Specimens for 14 July 1962: 1

16 July 1962

Congo (Democratic Republic of the): Lubudi, Lusolo cave: Anciaux de Faveaux, Felix: SMF: 6 [6 - 6] - Lubudi-Lusolo:
Anciaux de Faveaux, Michel: SMF: 1 [1 - 1 - 7].

Total Specimens for 16 July 1962: 7

17 July 1962

Sudan: Dilling: ?: Collector Unknown: SMF: 10 [10 - 10 - 10].

Tanzania: Mikindani: Andersen: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 17 July 1962: 11

18 July 1962

Congo (Democratic Republic of the): Lubudi, Kaboyaboya cave: Anciaux de Faveaux, Felix: SMF: 3 [3 - 3 - 3].

Tanzania: Mikindani: Andersen: ZFMK: 3 [3 - 3 - 3].

Tanzania [=former Tanganyika]: Mikindani: Andersen, Th.: SMF: 3 [3 - 3 - 3].

Zambia: Chibembe pontoon, 1/2 mi S: Ingles, Jane M.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 18 July 1962: 10

20 July 1962

Zambia: Chibembe pontoon, 1/2 mi S: Ingles, Jane M.: BMNH: 3 [3 - 3 - 3].

Total Specimens for 20 July 1962: 3

21 July 1962

Congo (Democratic Republic of the): Lubudi, Kyasala cave: Anciaux de Faveaux, Felix: SMF: 2 [2 - 2 - 2].

Total Specimens for 21 July 1962: 2

23 July 1962

Congo (Democratic Republic of the): Lubudi: Anciaux de Faveaux, Felix: SMF: 1 [1 - 1] - Lubudi, Kaboyaboya cave:

Anciaux de Faveaux, Felix: SMF: 3 [3 - 3 - 4].

Tanzania: Iringa, near: Knipper: LNK: 1 [1 - 1 - 1].

Total Specimens for 23 July 1962: 5

24 July 1962

Tanzania: Mikindani: Andersen: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 24 July 1962: 1

26 July 1962

Congo (Democratic Republic of the): Lubudi, Mulong cave: Anciaux de Faveaux, Felix: SMF: 4 [4]; Anciaux de Faveaux, Michel: SMF: 1 [1 - 5 - 5].

Uganda: Bulaganya, cave 3 mi S: Jones, Theo Simpson and Shepherd, C.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 26 July 1962: 6

30 July 1962

Somalia: Villabruzzi [=Villa del dottore Abruzzi]: ?: Collector Unknown: MZUF: 2 [2 - 2 - 2].

Total Specimens for 30 July 1962: 2

4 August 1962

Tanzania: Musabi: Plisnier, J.: KBIN: 2 [2 - 2 - 2].

Total Specimens for 4 August 1962: 2

14 August 1962

Tanzania: Mikindani: Andersen: ZFMK: 3 [3 - 3 - 3].

Tanzania [=former Tanganyika]: Mikindani: Andersen, Th.: SMF: 1 [1 - 1 - 1].

Total Specimens for 14 August 1962: 4

19 August 1962

South Africa: Farm Donkerpoort 448, Sandspruit Cave No. 1: Copley, R.B.: TM: 1 [1]; Copley, R.B. and Siegrist, Q.: TM: 3 [3 - 4 - 4].

Total Specimens for 19 August 1962: 4

22 August 1962

Somalia: Eggi, 4 km S: Granchi, E.: MZUF: 1 [1 - 1 - 1].

Total Specimens for 22 August 1962: 1

23 August 1962

Tanzania: Grummetti: Plisnier, J.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 23 August 1962: 1

24 August 1962

Zimbabwe: Zambezi-Cherowe Junction: Guy, G.L.: HZM: 1 [1 - 1 - 1].

Total Specimens for 24 August 1962: 1

26 August 1962

Somalia: Villabruzzo [=Villa del dottore Abruzzi]: Missione Biologica Somalia: MZUF: 1 [1 - 1 - 1].

Total Specimens for 26 August 1962: 1

2 September 1962

Zambia: Nkane-Kitwe: Tree, A.J.: NHMZ: 1 [1 - 1 - 1].

Total Specimens for 2 September 1962: 1

4 September 1962

Sudan: Kadugli: ?: Collector Unknown: SMF: 1 [1 - 1 - 1].

Tanzania: Bologonja: Plisnier, J.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 4 September 1962: 2

5 September 1962

Tanzania: Mikindani: Andersen, Th.: ZFMK: 1 [1 - 1] - Ngelehek: Plisnier, J.: KBIN: 1 [1 - 1 - 2].

Total Specimens for 5 September 1962: 2

8 September 1962

Congo (Democratic Republic of the): St.-Gerard mission: Anciaux de Faveaux, Michel: SMF: 1 [1 - 1 - 1].

Total Specimens for 8 September 1962: 1

21 September 1962

Mozambique: Beira, 20 mi N: Rankwa: HZM: 1 [1 - 1 - 1].

Total Specimens for 21 September 1962: 1

24 September 1962

Zimbabwe: Sinoia: Pavey, T.D.K.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 24 September 1962: 1

1 October 1962

Tanzania: Mikindani: Andersen, Th.: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 1 October 1962: 1

27 October 1962

Sudan: Khartoum: Celso, F.: SMF: 6 [6 - 6 - 6].

Total Specimens for 27 October 1962: 6

2 November 1962

Sudan: Buram: Kock, Dieter: SMF: 3 [3 - 3 - 3].

Total Specimens for 2 November 1962: 3

5 November 1962

Egypt: Cairo and Ismaila, between: Rau, R.: SMF: 1 [1 - 1 - 1].

Total Specimens for 5 November 1962: 1

10 December 1962

Congo (Democratic Republic of the): Lovanium university: De Bont and Van Orshoven: RMCA: 1 [1 - 1 - 1].

Sudan: Kadugli: Kock, Dieter: SMF: 4 [4 - 4 - 4].

Total Specimens for 10 December 1962: 5

29 December 1962

Ethiopia: Errer valley: Ingersol, R.: OSU: 1 [1 - 1 - 1].

Total Specimens for 29 December 1962: 1

31 December 1962

Ethiopia: Errer valley: Ingersol, R.: OSU: 3 [3 - 3 - 3].

Total Specimens for 31 December 1962: 3

1 January 1963

Central African Republic: Central African Republic: Taufflieb, R.: MNHN: 1 [1 - 1 - 1].

Congo (Democratic Republic of the): Luluabourg [=Kananga]: Deheegher, Jan: RMCA: 1 [1 - 1 - 1].

Total Specimens for 1 January 1963: 2

4 January 1963

Sudan: Kadugli: Kock, Dieter: SMF: 2 [2 - 2 - 2].

Total Specimens for 4 January 1963: 2

5 January 1963

Sudan: Kadugli: ?: Collector Unknown: SMF: 1 [1 - 1 - 1].

Total Specimens for 5 January 1963: 1

9 January 1963

Sudan: Rheika: ?: Collector Unknown: SMF: 1 [1 - 1 - 1].

Total Specimens for 9 January 1963: 1

10 January 1963

Sudan: Kadugli: ?: Collector Unknown: SMF: 1 [1 - 1 - 1].

Total Specimens for 10 January 1963: 1

12 January 1963

Sudan: Kadugli: ?: Collector Unknown: SMF: 5 [5 - 5 - 5].

Total Specimens for 12 January 1963: 5

21 January 1963

Sudan: Kadugli: ?: Collector Unknown: SMF: 2 [2 - 2 - 2].

Total Specimens for 21 January 1963: 2

1 February 1963

Sudan: El Obeid: ?: Collector Unknown: SMF: 10 [10 - 10 - 10].

Total Specimens for 1 February 1963: 10

3 February 1963

Sudan: Semeih: ?: Collector Unknown: SMF: 1 [1 - 1 - 1].

Total Specimens for 3 February 1963: 1

4 February 1963

Sudan: Kologi: ?: Collector Unknown: SMF: 1 [1 - 1 - 1].

Total Specimens for 4 February 1963: 1

5 February 1963

Sudan: Kologi: ?: Collector Unknown: SMF: 2 [2 - 2 - 2].

Total Specimens for 5 February 1963: 2

12 February 1963

Sudan: Jebel Talao: ?: Collector Unknown: SMF: 1 [1 - 1 - 1].

Total Specimens for 12 February 1963: 1

15 February 1963

Zambia: Missale Old Mine: Ansell, W.F.H.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 15 February 1963: 1

23 February 1963

Sudan: Kadugli: Kock, Dieter: SMF: 1 [1 - 1 - 1].

Total Specimens for 23 February 1963: 1

27 February 1963

Sudan: Kadugli: ?: Collector Unknown: SMF: 1 [1 - 1 - 1].

Total Specimens for 27 February 1963: 1

9 March 1963

Sudan: Kadugli: Kock, Dieter: SMF: 1 [1 - 1 - 1].

Total Specimens for 9 March 1963: 1

12 March 1963

Congo (Democratic Republic of the): Lovanium university: De Bont and Van Orshoven: RMCA: 1 [1 - 1 - 1].

Total Specimens for 12 March 1963: 1

13 March 1963

Sudan: Kadugli: Kock, Dieter: SMF: 1 [1 - 1 - 1].

Total Specimens for 13 March 1963: 1

24 March 1963

Congo (Democratic Republic of the): Lwiro: Kunkel: SMF: 1 [1 - 1 - 1].

Total Specimens for 24 March 1963: 1

27 March 1963

Angola: Dundo Lundo: de Barros Machado, A. (Dr.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 27 March 1963: 1

29 March 1963

Zambia: Fort Jameson: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 29 March 1963: 1**

2 April 1963

Sudan: Subeigh Forest Reserve: Kock, Dieter: SMF: 7 [7 - 7 - 7].**Total Specimens for 2 April 1963: 7**

18 April 1963

Congo (Democratic Republic of the): Luluabourg [=Kananga]: Deheegher, Jan: RMCA: 1 [1 - 1 - 1].
Kenya: Naivasha, lake: Minter, D.M.: USNM: 2 [2 - 2 - 2].**Total Specimens for 18 April 1963: 3**

1 May 1963

Zambia: Missale Old Mine: ?: Collector Unknown: TM: 2 [2 - 2 - 2].**Total Specimens for 1 May 1963: 2**

5 May 1963

Uganda: Namulere: Jones, Theo Simpson: BMNH: 1 [1 - 1 - 1].**Total Specimens for 5 May 1963: 1**

28 May 1963

Zambia: Nsefu Game Camp: Feely, J.M.: NHMZ: 2 [2 - 2 - 2].**Total Specimens for 28 May 1963: 2**

13 June 1963

Kenya: Kakamega forest, 8 mi SE: Mumford, R.E.: USNM: 1 [1 - 1 - 1].**Total Specimens for 13 June 1963: 1**

16 June 1963

Kenya: Kakamega forest, 8 mi SE: Mumford, R.E.: ROM: 1, USNM: 1 [2 - 2 - 2].**Total Specimens for 16 June 1963: 2**

17 June 1963

Kenya: Kakamega forest, 8 mi SE: Mumford, R.E.: USNM: 1 [1 - 1 - 1].**Total Specimens for 17 June 1963: 1**

29 June 1963

Congo (Democratic Republic of the): Luluabourg [=Kananga]: De Roo, Antoon: RMCA: 1 [1 - 1 - 1].
Kenya: Ngong Hills: Mumford, R.E.: USNM: 1 [1 - 1 - 1].**Total Specimens for 29 June 1963: 2**

1 July 1963

Kenya: Ngong Hills: Mumford, R.E.: USNM: 1 [1 - 1 - 1].**Uganda:** Entebbe: Jones, Theo Simpson: BMNH: 1 [1 - 1 - 1].**Total Specimens for 1 July 1963: 2**

8 July 1963

Kenya: Mara river, 15 mi up: Mumford, R.E.: USNM: 1 [1 - 1 - 1].

Total Specimens for 8 July 1963: 1

9 July 1963

Kenya: Lemek hill: Mumford, R.E.: USNM: 1 [1 - 1 - 1].

Total Specimens for 9 July 1963: 1

17 July 1963

Tanzania: Tanga: Bampton, I.: USNM: 1 [1 - 1 - 1].

Total Specimens for 17 July 1963: 1

24 July 1963

Kenya: Ngong Hills: Mumford, R.E.: USNM: 1 [1 - 1 - 1].

Total Specimens for 24 July 1963: 1

25 July 1963

Kenya: Athi river: Ash, J.S.: USNM: 3 [3 - 3 - 3].

Total Specimens for 25 July 1963: 3

26 July 1963

Kenya: Barberton Farm: Mumford, R.E.: USNM: 2 [2 - 2] - Ngombeni caves: Granger, W.W.: USNM: 1 [1 - 1 - 3].

Total Specimens for 26 July 1963: 3

27 July 1963

Kenya: Barberton farm: Mumford, R.E.: ROM: 1 [1 - 1 - 1].

Total Specimens for 27 July 1963: 1

28 July 1963

Kenya: Barberton Farm: Mumford, R.E.: USNM: 1 [1 - 1] - Elgon, Mount: Hayward, Bruce J.: WNMU: 1 [1 - 1 - 2].

Total Specimens for 28 July 1963: 2

30 July 1963

Ghana: Pong Tamale: Barry, D.H.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 30 July 1963: 1

1 August 1963

Congo (Democratic Republic of the): Lwiro: Kunkel: SMF: 1 [1 - 1 - 1].

Egypt: Saqqara: Kiepenhauer; Linsenmair [and the U.S. Navy Medical Research Unit 3 (NaMRU 3)]: SMF: 8 [8 - 8 - 8].

Total Specimens for 1 August 1963: 9

2 August 1963

Kenya: Kitale, 18 mi SW: Nield, M.: USNM: 2 [2 - 2 - 2].

Total Specimens for 2 August 1963: 2

14 August 1963

Kenya: Kilifi: Mumford, R.E.: USNM: 1 [1 - 1] - Ngombeni caves: Mumford, R.E.: USNM: 1 [1 - 1] - Ngong Hills: Mumford, R.E.: USNM: 1 [1 - 1 - 3].

Total Specimens for 14 August 1963: 3

15 August 1963

Kenya: Ngombeni caves: Mumford, R.E.: USNM: 3 [3 - 3] - Ngong Hills: Patterson, P.: USNM: 2 [2 - 2 - 5].

Total Specimens for 15 August 1963: 5

17 August 1963

Kenya: Athi river: Ash, J.S.: USNM: 2 [2 - 2 - 2].

Zambia: Pwira Pan: Ansell, W.F.H.: BMNH: 1 [1]; Ansell, W.F.H. and Tree, A.J.: BMNH: 2 [2]; Tree, A.J.: BMNH: 1 [1 - 4 - 4].

Total Specimens for 17 August 1963: 6

18 August 1963

Egypt: Edfu: Kiepenhauer; Linsenmair [and the U.S. Navy Medical Research Unit 3 (NaMRU 3)]: SMF: 7 [7 - 7 - 7].

Total Specimens for 18 August 1963: 7

20 August 1963

Kenya: Kilifi: Mumford, R.E.: USNM: 2 [2 - 2] - Ndi: Mumford, R.E.: USNM: 1 [1 - 1 - 3].

Total Specimens for 20 August 1963: 3

22 August 1963

Kenya: Kilifi: Start, A.N.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 22 August 1963: 1

25 August 1963

Botswana: Kwaai river: Geertsema, C.C.: ZMA: 1 [1 - 1 - 1].

Zambia: Machiya ferry: Tree, A.J.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 25 August 1963: 2

27 August 1963

Kenya: Kilifi: Start, A.N.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 27 August 1963: 1

29 August 1963

Congo (Democratic Republic of the): Luluabourg [=Kananga]: De Roo, Antoon: RMCA: 8 [8 - 8 - 8].

Total Specimens for 29 August 1963: 8

8 September 1963

Congo (Democratic Republic of the): Luluabourg [=Kananga]: De Roo, Antoon: RMCA: 3 [3 - 3 - 3].

Total Specimens for 8 September 1963: 3

14 September 1963

Congo (Democratic Republic of the): Luluabourg [=Kananga]: De Roo, Antoon: RMCA: 1 [1 - 1 - 1].

Total Specimens for 14 September 1963: 1

22 September 1963

Congo (Democratic Republic of the): Luluabourg [=Kananga]: De Roo, Antoon: RMCA: 1 [1 - 1 - 1].

Total Specimens for 22 September 1963: 1

24 September 1963

Congo (Democratic Republic of the): Luluabourg [=Kananga]: De Roo, Antoon: RMCA: 2 [2 - 2 - 2].

Total Specimens for 24 September 1963: 2

25 September 1963

Congo (Democratic Republic of the): Lwiro: Kunkel: SMF: 1 [1 - 1 - 1].

Total Specimens for 25 September 1963: 1

27 September 1963

Congo (Democratic Republic of the): Lwiro: Kunkel: SMF: 1 [1 - 1 - 1].

Total Specimens for 27 September 1963: 1

29 September 1963

Congo (Democratic Republic of the): Fomulac-Katana: Kunkel: SMF: 1 [1 - 1 - 1].

Total Specimens for 29 September 1963: 1

30 September 1963

Congo (Democratic Republic of the): Fomulac-Katana: Kunkel: SMF: 1 [1 - 1 - 1].

Total Specimens for 30 September 1963: 1

3 October 1963

Congo (Democratic Republic of the): Fomulac-Katana: Kunkel: SMF: 1 [1 - 1 - 1].

Total Specimens for 3 October 1963: 1

5 October 1963

Congo (Democratic Republic of the): Luluabourg [=Kananga]: De Roo, Antoon: RMCA: 2 [2 - 2 - 2].

Total Specimens for 5 October 1963: 2

10 October 1963

Sudan: Kadugli: ?: Collector Unknown: SMF: 1 [1 - 1 - 1].

Total Specimens for 10 October 1963: 1

14 October 1963

Congo (Democratic Republic of the): Lwiro: Dieterlen, Frits: SMNS: 1 [1 - 1 - 1].

Total Specimens for 14 October 1963: 1

20 October 1963

Zimbabwe: Salisbury: Smithers, R.H.N.: HZM: 2 [2 - 2 - 2].

Total Specimens for 20 October 1963: 2

28 October 1963

Tanzania: Handajega: Plisnier, J.: KBIN: 2 [2 - 2 - 2].

Total Specimens for 28 October 1963: 2

30 October 1963

Egypt: Port Said, 10 mi S: Hoogstraal, Harry H.: FMNH: 3 [3 - 3 - 3].

Total Specimens for 30 October 1963: 3

2 November 1963

Uganda: Karamoja district, S of: Jones, Theo Simpson: BMNH: 1 [1 - 1 - 1].

Total Specimens for 2 November 1963: 1

6 November 1963

Congo (Democratic Republic of the): Lovanium university: De Bont: RMCA: 2 [2 - 2 - 2].

Total Specimens for 6 November 1963: 2

7 November 1963

Congo: Brazzaville: ?: Collector Unknown: MNHN: 1 [1]; Descarpentier, A. and Villiers, A.: MNHN: 1 [1 - 2 - 2].**Total Specimens for 7 November 1963: 2**

10 November 1963

Congo: Brazzaville: ?: Collector Unknown: MNHN: 1 [1 - 1 - 1].**Total Specimens for 10 November 1963: 1**

12 November 1963

Congo: Brazzaville: ?: Collector Unknown: MNHN: 1 [1 - 1 - 1].**Total Specimens for 12 November 1963: 1**

15 November 1963

Kenya: Karen: Start, A.N.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 15 November 1963: 1**

16 November 1963

Kenya: Karen: Start, A.N.: BMNH: 1 [1 - 1 - 1].
Tanzania: Banagi: Plisnier, J.: KBIN: 1 [1 - 1 - 1].**Total Specimens for 16 November 1963: 2**

17 November 1963

Kenya: Karen: Start, A.N.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 17 November 1963: 1**

20 November 1963

Namibia: Namibia Desert Research Station [= DERU]: Risser, A.C.: USNM: 1 [1 - 1 - 1].**Total Specimens for 20 November 1963: 1**

22 November 1963

Namibia: Gobabeb: Cole, Ronald E.: USNM: 1 [1 - 1] - Namibia Desert Research Station [= DERU]: Ronald E. Cole: USNM: 1 [1 - 1 - 2].**Total Specimens for 22 November 1963: 2**

25 November 1963

Namibia: Gobabeb: Cole, Ronald E.: USNM: 1 [1 - 1 - 1].**Total Specimens for 25 November 1963: 1**

8 December 1963

South Africa: Springbok, 7 mi W: Risser, A.C.: USNM: 1 [1 - 1 - 1].**Total Specimens for 8 December 1963: 1**

10 December 1963

South Africa: Letsitele: ?: Collector Unknown: TM: 3 [3 - 3 - 3].**Total Specimens for 10 December 1963: 3**

12 December 1963

South Africa: Springbok, 7 mi W: Risser, A.C.: USNM: 1 [1 - 1 - 1].
Tanzania: Mikindani: Andersen, Th.: ZFMK: 2 [2 - 2 - 2].

Total Specimens for 12 December 1963: 3

13 December 1963

Tanzania: Mikindani: Andersen: ZFMK: 4 [4 - 4 - 4].**Total Specimens for 13 December 1963: 4**

18 December 1963

Tanzania: Banagi: Plisnier, J.: KBIN: 5 [5 - 5 - 5].**Total Specimens for 18 December 1963: 5**

23 December 1963

Gabon: Makokou: Van Bree, P.J.H.: ZMA: 2 [2 - 2 - 2].**Kenya:** Cherangani Hills: Seed, Robin D.: ROM: 1 [1 - 1 - 1].**Total Specimens for 23 December 1963: 3**

24 December 1963

Tanzania: Banagi: Plisnier, J.: KBIN: 3 [3 - 3 - 3].**Total Specimens for 24 December 1963: 3**

5 January 1964

Congo (Democratic Republic of the): Albertville [=Kalemie]: De Roo, Antoon: AMNH: 5 [5 - 5] - Kalemie: ?: Collector
Unknown: RMCA: 1 [1 - 1 - 6].**Zimbabwe:** Fairfield park: Begg: HZM: 2 [2 - 2 - 2].**Total Specimens for 5 January 1964: 8**

7 January 1964

Central African Republic: Bangui: Chippaux, dr.: MNHN: 6 [6 - 6 - 6].**Total Specimens for 7 January 1964: 6**

13 January 1964

Ghana: MomPort: Mensah, P.E.: ROM: 1 [1 - 1 - 1].**Total Specimens for 13 January 1964: 1**

5 February 1964

Zambia: Kongwe Hill: Ansell, W.F.H.: BMNH: 2 [2]; Ansell, W.F.H. and Wilson, V.J.: BMNH: 4 [4 - 6 - 6].**Total Specimens for 5 February 1964: 6**

6 February 1964

Zambia: Kongwe Hill: Ansell, W.F.H.: BMNH: 2 [2]; Ansell, W.F.H. and Wilson, V.J.: BMNH: 3 [3 - 5 - 5].**Total Specimens for 6 February 1964: 5**

8 February 1964

Mozambique: Massangena: Moore, A.L.: USNM: 1 [1 - 1 - 1].**Total Specimens for 8 February 1964: 1**

9 February 1964

Congo (Democratic Republic of the): Kabwe: De Roo, Antoon: AMNH: 2 [2 - 2 - 2].**Total Specimens for 9 February 1964: 2**

17 February 1964

Uganda: Entebbe: Mutere, F.A.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 17 February 1964: 1

20 February 1964

Congo (Democratic Republic of the): Kamituga: Prigogine, A.: RMCA: 4 [4 - 4 - 4].

Total Specimens for 20 February 1964: 4

21 February 1964

Botswana: Shakawe: Smithers, R.H.N.: HZM: 1 [1 - 1 - 1].

Congo (Democratic Republic of the): Kamituga: Prigogine, A.: RMCA: 1 [1 - 1 - 1].

Mozambique: Chimongo: Cole, Ronald E.: USNM: 1 [1 - 1 - 1].

Total Specimens for 21 February 1964: 3

23 February 1964

Mozambique: Chimongo: Cole, Ronald E.: USNM: 6 [6 - 6 - 6].

Total Specimens for 23 February 1964: 6

26 February 1964

Tanzania: Muhange: Rees, A.F. and Start, A.N.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 26 February 1964: 1

4 March 1964

Zambia: Mpomwa Hills: Ansell, W.F.H.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 4 March 1964: 1

15 March 1964

Zambia: Choma district: Wilson, V.J.: AMNH: 1 [1 - 1 - 1].

Total Specimens for 15 March 1964: 1

17 March 1964

Tanzania [=former Tanganyika]: Mikindani: Andersen, Th.: SMF: 1 [1 - 1 - 1].

Total Specimens for 17 March 1964: 1

20 March 1964

Congo (Democratic Republic of the): Kamituga: Prigogine, A.: RMCA: 2 [2 - 2 - 2].

South Africa: Glen: Risser, A.C.: USNM: 7 [7 - 7 - 7].

Tanzania: Uto farm: Ebeling: ZMZ: 1 [1 - 1 - 1].

Tanzania [=former Tanganyika]: Mikindani: Andersen, Th.: SMF: 4 [4 - 4 - 4].

Total Specimens for 20 March 1964: 14

21 March 1964

Tanzania [=former Tanganyika]: Mikindani: Andersen, Th.: SMF: 5 [5 - 5 - 5].

Total Specimens for 21 March 1964: 5

25 March 1964

Congo (Democratic Republic of the): Ganda Sundi: Fain, Alexandre (Dr.): RMCA: 1 [1 - 1 - 1].

Total Specimens for 25 March 1964: 1

28 March 1964

Kenya: Kitale: Start, A.N. and Temple, A.M.G.: BMNH: 1 [1 - 1 - 1].

Zambia: Mfuwe: Ansell, W.F.H.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 28 March 1964: 2

29 March 1964

Zambia: Luangwa: Ansell, W.F.H.: BMNH: 2 [2 - 2 - 2].**Total Specimens for 29 March 1964: 2**

30 March 1964

Zambia: Luangwa: Ansell, W.F.H.: BMNH: 2 [2 - 2 - 2].**Total Specimens for 30 March 1964: 2**

31 March 1964

Congo (Democratic Republic of the): Ganda Sundi: Fain, Alexandre (Dr.): RMCA: 1 [1 - 1 - 1].**Tanzania:** Northeastern Tanzania: ?: Collector Unknown: ROM: 1 [1 - 1 - 1].**Total Specimens for 31 March 1964: 2**

2 April 1964

Tanzania: Uto farm: Ebeling: ZMZ: 1 [1 - 1 - 1].**Total Specimens for 2 April 1964: 1**

6 April 1964

Zambia: Abercorn: Vesey-FitzGerald, L.D.E.F. (Col.): BMNH: 1 [1 - 1 - 1].**Total Specimens for 6 April 1964: 1**

8 April 1964

Kenya: Nairobi: ?: Collector Unknown: ROM: 2 [2 - 2 - 2].**Total Specimens for 8 April 1964: 2**

9 April 1964

Kenya: Ngong: Williams, John G.: HZM: 1 [1 - 1 - 1].**Mozambique:** Massinga, 2 km N: Cole, Ronald E.: USNM: 4 [4 - 4 - 4].**Total Specimens for 9 April 1964: 5**

13 April 1964

Mozambique: Jongamo: Cole, Ronald E.: USNM: 1 [1 - 1 - 1].**Total Specimens for 13 April 1964: 1**

14 April 1964

Sudan: Zalingei: El Sayed: ROM: 1 [1 - 1 - 1].**Total Specimens for 14 April 1964: 1**

16 April 1964

Mozambique: Jongamo: Cole, Ronald E.: USNM: 21 [21 - 21 - 21].**Total Specimens for 16 April 1964: 21**

20 April 1964

Kenya: Archer's Post: Seed, Robin D.: CM: 1 [1]; Williams, John G.: CM: 1, HZM: 4 [5]; Williams, John G. and Mumford, R.E.: ROM: 1 [1 - 7] - Ferguson's Gulf: Hayward, Bruce J.: CM: 4 [4 - 4 - 11].**Total Specimens for 20 April 1964: 11**

22 April 1964

Congo (Democratic Republic of the): Luluabourg [=Kananga]: De Roo, Antoon: RMCA: 1 [1 - 1 - 1].

Total Specimens for 22 April 1964: 1

24 April 1964

Senegal: Richard Toll: Roux, Francis: MNHN: 1 [1 - 1 - 1].**Total Specimens for 24 April 1964: 1**

26 April 1964

Congo (Democratic Republic of the): Luluabourg [=Kananga]: De Roo, Antoon: RMCA: 1 [1 - 1 - 1].**Total Specimens for 26 April 1964: 1**

1 May 1964

Zambia: Kalabo: Hart: HZM: 1 [1 - 1 - 1].**Total Specimens for 1 May 1964: 1**

4 May 1964

South Africa: Manguzi village: Heist, T.A.: USNM: 1 [1 - 1 - 1].**Total Specimens for 4 May 1964: 1**

15 May 1964

Tanzania: Uto farm: ?: Collector Unknown: ZMZ: 1 [1 - 1 - 1].**Total Specimens for 15 May 1964: 1**

24 May 1964

Congo (Democratic Republic of the): Luluabourg [=Kananga]: De Roo, Antoon: RMCA: 1 [1 - 1 - 1].**Total Specimens for 24 May 1964: 1**

25 May 1964

Congo (Democratic Republic of the): Kiliza: Prigogine, A.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 25 May 1964: 1**

31 May 1964

Tanzania: Uto farm: ?: Collector Unknown: ZMZ: 2 [2]; Ebeling: ZMZ: 1 [1 - 3 - 3].**Total Specimens for 31 May 1964: 3**

4 June 1964

Congo (Democratic Republic of the): Luluabourg [=Kananga]: De Roo, Antoon: RMCA: 1 [1 - 1 - 1].**Total Specimens for 4 June 1964: 1**

6 June 1964

Tanzania: Uto farm: ?: Collector Unknown: ZMZ: 1 [1 - 1 - 1].**Total Specimens for 6 June 1964: 1**

14 June 1964

Botswana: Tuli Block, Gesond Ltd: Haake, W.: TM: 1 [1 - 1 - 1].**Total Specimens for 14 June 1964: 1**

17 June 1964

Botswana: Tuli Block, Gesond Ltd: Haake, W.: TM: 1 [1 - 1 - 1].**Tanzania:** Mikindani: Andersen, Th.: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 17 June 1964: 2

18 June 1964

Botswana: Tuli Block, Gesond Ltd: Haake, W.: TM: 2 [2 - 2 - 2].**Total Specimens for 18 June 1964: 2**

19 June 1964

Botswana: Tuli Block, Gesond Ltd: Haake, W.: TM: 1 [1 - 1 - 1].**Congo:** Grotte de Doumboula: Adam, Jean-Paul: MNHN: 1 [1 - 1 - 1].**Total Specimens for 19 June 1964: 2**

20 June 1964

Congo: Brazzaville: Taufflieb, R.: MHNG: 1 [1 - 1] - Loudima cave: Taufflieb, R.: MHNG: 2 [2 - 2 - 3].**Total Specimens for 20 June 1964: 3**

22 June 1964

Congo (Democratic Republic of the): Lwiro: Svepel: ZMZ: 1 [1 - 1 - 1].**Total Specimens for 22 June 1964: 1**

26 June 1964

Zambia: Lochinvar ranch: Van Noten, F.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 26 June 1964: 1**

1 July 1964

Botswana: Tamafuhi: Smithers, R.H.N.: HZM: 1 [1 - 1] - Tamafupi: Smithers, R.H.N.: HZM: 2 [2 - 2 - 3].**Total Specimens for 1 July 1964: 3**

2 July 1964

Kenya: Magadi: Williams, John G.: ROM: 1 [1 - 1 - 1].**Total Specimens for 2 July 1964: 1**

10 July 1964

Congo (Democratic Republic of the): Lwiro: Svepel: ZMZ: 1 [1 - 1 - 1].**Total Specimens for 10 July 1964: 1**

14 July 1964

Congo (Democratic Republic of the): Ibebero: Svepel: ZMZ: 1 [1 - 1] - Lwiro: Svepel: ZMZ: 2 [2 - 2 - 3].**Total Specimens for 14 July 1964: 3**

15 July 1964

Central African Republic: Bangui: Chippaux, dr.: MNHN: 1 [1 - 1 - 1].**Congo (Democratic Republic of the):** Lwiro: Svepel: ZMZ: 1 [1 - 1 - 1].**Total Specimens for 15 July 1964: 2**

16 July 1964

Namibia: Karakuwisa: Rau, R.: SMF: 1 [1 - 1 - 1].**Total Specimens for 16 July 1964: 1**

17 July 1964

Congo (Democratic Republic of the): Lwiro: Svepel: ZMZ: 1 [1 - 1 - 1].

Total Specimens for 17 July 1964: 1

21 July 1964

Mozambique: Muchena: ?: Collector Unknown: TM: 1 [1 - 1] - Tete, 2 mi E: ?: Collector Unknown: TM: 4 [4 - 4] - Tete, 2 mi SE: ?: Collector Unknown: TM: 8 [8 - 8 - 13].

Total Specimens for 21 July 1964: 13

22 July 1964

Kenya: Kongelai: ?: Collector Unknown: ROM: 1 [1 - 1 - 1].
Mozambique: Tete, 2 mi SE: Setzer, H.W.: USNM: 12 [12 - 12 - 12].

Total Specimens for 22 July 1964: 13

23 July 1964

Mozambique: Tete, 2 mi E: ?: Collector Unknown: TM: 19 [19 - 19] - Tete, 2 mi SE: ?: Collector Unknown: TM: 7 [7 - 7 - 26].

Total Specimens for 23 July 1964: 26

24 July 1964

Mozambique: Muchena: ?: Collector Unknown: TM: 2 [2 - 2] - Tete, 2 mi E: ?: Collector Unknown: TM: 1 [1 - 1 - 3].

Total Specimens for 24 July 1964: 3

25 July 1964

Mozambique: Muchena: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 25 July 1964: 1

27 July 1964

Mozambique: Muchena: Setzer, H.W.: USNM: 1 [1 - 1 - 1].

Total Specimens for 27 July 1964: 1

28 July 1964

Mozambique: Muchena: ?: Collector Unknown: TM: 12 [12 - 12 - 12].
Uganda: Entebbe: Jones, Theo Simpson: BMNH: 1 [1 - 1 - 1].
Zimbabwe: Fern Valley: Pletts, R.E.: HZM: 1 [1 - 1 - 1].

Total Specimens for 28 July 1964: 14

29 July 1964

Mozambique: Aldeia Muchena [= Tetane Muchena, Muchena]: Coetzee, C.G.: TM: 2 [2 - 2] - Muchena: ?: Collector Unknown: TM: 11 [11]; Hardy, A.R.: USNM: 1 [1 - 12] - Tete district: Coetzee, C.G.: TM: 1 [1 - 1 - 15].

Total Specimens for 29 July 1964: 15

1 August 1964

Congo (Democratic Republic of the): Lwiro: Goepel, U.: ZMZ: 1 [1 - 1 - 1].

Total Specimens for 1 August 1964: 1

7 August 1964

Mozambique: Vila Gamito, 10 km N: Coetzee, C.G. and the Smithsonian Expedition: TM: 1 [1 - 1 - 1].

Total Specimens for 7 August 1964: 1

8 August 1964

Congo (Democratic Republic of the): Lwiro: Goepel, U.: ZMZ: 2 [2 - 2 - 2].

Total Specimens for 8 August 1964: 2

9 August 1964

Congo (Democratic Republic of the): Kakanda cave: Prigogine, A.: RMCA: 1 [1 - 1 - 1].

Mozambique: Vila Gamito: Davis, R.M.: USNM: 13 [13]; Herbert, H.J.: USNM: 6 [6]; Setzer, H.W.: USNM: 7 [7 - **26**] - Vila Gamito, 10 km N: ?: Collector Unknown: TM: 14 [14]; Coetzee, C.G. and the Smithsonian Expedition: TM: 9 [9 - **23** - 49].

Total Specimens for 9 August 1964: 50

15 August 1964

Kenya: Laikipia ranch: Robson, M.U. and Start, A.N.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 15 August 1964: 1

19 August 1964

Mozambique: Mungari, 5 km N: Davis, R.M.: USNM: 2 [2 - **2** - 2].

Total Specimens for 19 August 1964: 2

22 August 1964

Mozambique: Mague: ?: Collector Unknown: TM: 2 [2 - **2**] - Mague, new: Coetzee, C.G.: TM: 5 [5 - **5** - 7].

Tanzania: Natron, W side lake: Leaket: BMNH: 2 [2 - **2** - 2].

Total Specimens for 22 August 1964: 9

24 August 1964

Mozambique: Vila Gouveia: Lingeback, J.C.: USNM: 1 [1 - 1 - 1].

Total Specimens for 24 August 1964: 1

25 August 1964

Rwanda: Uwinka: Goepel, U.: ZMZ: 1 [1 - 1 - 1].

Total Specimens for 25 August 1964: 1

26 August 1964

Zambia: Nyimba and Fort Jameson, between: Ansell, W.F.H.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 26 August 1964: 1

30 August 1964

Mozambique: Vila de Manica, 10 km N: Hardy, A.R.: USNM: 5 [5 - **5** - 5].

Total Specimens for 30 August 1964: 5

20 September 1964

Rwanda: Gakoma: Svepel: ZMZ: 1 [1 - 1 - 1].

Total Specimens for 20 September 1964: 1

21 September 1964

Rwanda: Gakoma: Svepel: ZMZ: 1 [1 - 1 - 1].

Total Specimens for 21 September 1964: 1

22 September 1964

Mozambique: : Coetzee, C.G.: TM: 1 [1 - 1] - Aldeia Chiuta [= Chiuta, Chuta]: Coetzee, C.G.: TM: 7 [7]; Herbert, H.J.: USNM: 5 [5 - **12** - 13].

Total Specimens for 22 September 1964: 13

27 September 1964

Rwanda: Gakoma: Svepel: ZMZ: 1 [1 - 1 - 1].

Total Specimens for 27 September 1964: 1

28 September 1964

Rwanda: Gakoma: Svepel: ZMZ: 2 [2 - 2 - 2].**Tanzania [=former Tanganyika]:** Mikindani: Andersen, Th.: SMF: 1 [1 - 1 - 1].**Total Specimens for 28 September 1964: 3**

1 October 1964

Tanzania [=former Tanganyika]: Mikindani: Andersen, Th.: SMF: 4 [4 - 4 - 4].**Total Specimens for 1 October 1964: 4**

10 October 1964

Egypt: Aswan governate: Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 1].**Total Specimens for 10 October 1964: 1**

23 October 1964

Namibia: Epupa Falls: ?: Collector Unknown: TM: 2 [2 - 2 - 2].**Total Specimens for 23 October 1964: 2**

27 October 1964

Gabon: Bélinga: Van Bree, P.J.H.: ZMA: 2 [2 - 2 - 2].**Total Specimens for 27 October 1964: 2**

31 October 1964

Rwanda: Mimuli: Goepel, U.: ZMZ: 1 [1 - 1 - 1].**Total Specimens for 31 October 1964: 1**

4 November 1964

Rwanda: Mimuli: Svepel: ZMZ: 1 [1 - 1 - 1].**Total Specimens for 4 November 1964: 1**

5 November 1964

Rwanda: Mimuli: Svepel: ZMZ: 1 [1 - 1 - 1].**Total Specimens for 5 November 1964: 1**

6 November 1964

Rwanda: Mimuli: Svepel: ZMZ: 1 [1 - 1 - 1].**Total Specimens for 6 November 1964: 1**

10 November 1964

Rwanda: Mimuli: Svepel: ZMZ: 2 [2 - 2 - 2].**Total Specimens for 10 November 1964: 2**

15 November 1964

Gabon: Lambaréné: Thys Van den Audenaerde, Dirk: RMCA: 2 [2 - 2 - 2].**Total Specimens for 15 November 1964: 2**

27 November 1964

Congo (Democratic Republic of the): Lwiro: Svepel: ZMZ: 1 [1 - 1 - 1].**Total Specimens for 27 November 1964: 1**

28 November 1964

Congo (Democratic Republic of the): Lwiro: Dieterlen, Frits: SMNS: 1 [1 - 1 - 1].
Sudan: Khartoum: ?: Collector Unknown: SMF: 5 [5 - 5 - 5].

Total Specimens for 28 November 1964: 6

29 November 1964

Sudan: Khartoum: ?: Collector Unknown: SMF: 9 [9 - 9 - 9].

Total Specimens for 29 November 1964: 9

3 December 1964

Sudan: Khartoum: ?: Collector Unknown: SMF: 7 [7 - 7 - 7].

Total Specimens for 3 December 1964: 7

12 December 1964

Sudan: Kadugli: Kock, Dieter: SMF: 2 [2 - 2 - 2].

Total Specimens for 12 December 1964: 2

19 December 1964

Egypt: Alexandria: Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 19 December 1964: 1

26 December 1964

Sudan: Tadoro: Kock, Dieter: SMF: 1 [1 - 1 - 1].

Total Specimens for 26 December 1964: 1

27 December 1964

Kenya: Bat island: Williams, John G.: ROM: 1 [1 - 1 - 1].

Total Specimens for 27 December 1964: 1

29 December 1964

Egypt: Burgh-El-Arab: Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 1].

Kenya: Archer's Post: Williams, John G.: ROM: 1 [1 - 1 - 1].

Total Specimens for 29 December 1964: 2

31 December 1964

Sudan: Kadugli: ?: Collector Unknown: SMF: 1 [1 - 1 - 1].

Total Specimens for 31 December 1964: 1

1 January 1965

Zimbabwe: Chipinga: Pavey, T.D.K.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 1 January 1965: 1

6 January 1965

Tanzania: Kawe: Williams, John G.: ROM: 1 [1 - 1 - 1].

Total Specimens for 6 January 1965: 1

11 January 1965

Egypt: El Badrshein: Hoogstraal, Harry H.: FMNH: 11 [11 - 11 - 11].

Uganda: Nabumali: Loder or Lorder: BMNH: 1 [1 - 1 - 1].

Total Specimens for 11 January 1965: 12

14 January 1965

Sudan: Kadugli: Kock, Dieter: SMF: 4 [4 - 4 - 4].**Total Specimens for 14 January 1965: 4**

20 January 1965

Kenya: Mombassa: Currie: SMF: 1 [1 - 1] - Mweiga, 10 mi NW: Bauer, R.G.: YPM: 2 [2 - 2 - 3].**Total Specimens for 20 January 1965: 3**

23 January 1965

Sudan: Khor Umm Adara: ?: Collector Unknown: SMF: 1 [1 - 1 - 1].**Total Specimens for 23 January 1965: 1**

25 January 1965

Sudan: Jebel Toro: Kock, Dieter: SMF: 4 [4 - 4 - 4].**Togo:** Adina: Veronese, C.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 25 January 1965: 5**

1 February 1965

Kenya: Karen: Start, A.N.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 1 February 1965: 1**

2 February 1965

South Africa: Culling camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].**Total Specimens for 2 February 1965: 1**

8 February 1965

Angola: Cassai: Smithers, R.H.N.: HZM: 1 [1 - 1 - 1].**Total Specimens for 8 February 1965: 1**

9 February 1965

Congo (Democratic Republic of the): Kabwe: De Roo, Antoon: RMCA: 3 [3 - 3 - 3].**Total Specimens for 9 February 1965: 3**

16 February 1965

Congo (Democratic Republic of the): Luluabourg [=Kananga]: De Roo, Antoon: RMCA: 1 [1 - 1 - 1].**Total Specimens for 16 February 1965: 1**

21 February 1965

Congo (Democratic Republic of the): Luluabourg [=Kananga]: De Roo, Antoon: RMCA: 1 [1 - 1 - 1].**Total Specimens for 21 February 1965: 1**

25 February 1965

Congo (Democratic Republic of the): Luluabourg [=Kananga]: De Roo, Antoon: RMCA: 1 [1 - 1 - 1].**Total Specimens for 25 February 1965: 1**

2 March 1965

Congo (Democratic Republic of the): Luluabourg [=Kananga]: De Roo, Antoon: RMCA: 3 [3 - 3 - 3].**Total Specimens for 2 March 1965: 3**

3 March 1965

Sudan: Buram: Kock, Dieter: SMF: 18 [18 - **18** - 18].

Total Specimens for 3 March 1965: 18

6 March 1965

Sudan: Tadoro: Kock, Dieter: SMF: 1 [1 - 1 - 1].

Total Specimens for 6 March 1965: 1

9 March 1965

South Africa: Hluhluwe Game Reserve: Zumpt, F. (dr.): ZFMK: 1 [1 - 1 - 1].

Total Specimens for 9 March 1965: 1

11 March 1965

Sudan: Buram: Kock, Dieter: SMF: 1 [1 - 1] - Rheika: ?: Collector Unknown: SMF: 1 [1]; Kock, Dieter: SMF: 3 [3 - 4 - 5].
Uganda: Mbale: Loder or Lorder: BMNH: 1 [1 - 1 - 1].

Total Specimens for 11 March 1965: 6

12 March 1965

South Africa: King Williamstown: Newberry: KM: 1 [1 - 1 - 1].

Total Specimens for 12 March 1965: 1

15 March 1965

Kenya: Kilifi: Williams, John G.: ROM: 1 [1 - 1 - 1].

Total Specimens for 15 March 1965: 1

19 March 1965

Congo (Democratic Republic of the): Luluabourg [=Kananga]: De Roo, Antoon: RMCA: 2 [2 - 2 - 2].

Total Specimens for 19 March 1965: 2

24 March 1965

Sudan: Rheika: Kock, Dieter: SMF: 3 [3 - 3 - 3].

Total Specimens for 24 March 1965: 3

28 March 1965

Sudan: Angolo: Kock, Dieter: SMF: 5 [5 - 5 - 5].

Total Specimens for 28 March 1965: 5

29 March 1965

Uganda: Mbale: Loder or Lorder: BMNH: 1 [1 - 1] - Nabumali: Loder or Lorder: BMNH: 1 [1 - 1 - 2].

Total Specimens for 29 March 1965: 2

4 April 1965

Tanzania: Amani: Taylor, R.H.: TM: 1 [1 - 1 - 1].

Total Specimens for 4 April 1965: 1

5 April 1965

South Africa: Hluhluwe Game Reserve: Zumpt, F. (dr.): ZFMK: 2 [2 - 2 - 2].
Uganda: Mbale: Loder or Lorder: BMNH: 1 [1 - 1 - 1].

Total Specimens for 5 April 1965: 3

8 April 1965

Sudan: Semeih: ?: Collector Unknown: SMF: 2 [2 - 2 - 2].

Total Specimens for 8 April 1965: 2

9 April 1965

Botswana: Drostky's Caves: ?: Collector Unknown: TM: 1 [1 - 1] - Kaikai, 20 mi SE: ?: Collector Unknown: TM: 5 [5 - 5 - 6].

Total Specimens for 9 April 1965: 6

10 April 1965

Botswana: Drostsky cave: Davis, R.M.: USNM: 7 [7]; Herbert, H.J.: USNM: 1 [1 - 8 - 8].

Total Specimens for 10 April 1965: 8

13 April 1965

South Africa: Bloemfontein: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 13 April 1965: 1

16 April 1965

Senegal: M'Bour: Cornet, Dr. and Taufflieb, R.: MHNG: 1 [1 - 1 - 1].

Total Specimens for 16 April 1965: 1

25 April 1965

Botswana: Nata: Davis, R.M.: USNM: 1 [1 - 1 - 1].

Total Specimens for 25 April 1965: 1

26 April 1965

Botswana: Nata: Herbert, H.J.: USNM: 1 [1 - 1 - 1].

Total Specimens for 26 April 1965: 1

29 April 1965

South Africa: Kalahari Gemsbok National Park, Twee Riveren: Coetzee and le Riche, B.: TM: 1 [1]; Coetzee, C.G.: TM: 5 [5 - 6 - 6].

Total Specimens for 29 April 1965: 6

30 April 1965

Congo (Democratic Republic of the): Kabwe: De Roo, Antoon: RMCA: 7 [7 - 7 - 7].

South Africa: Kalahari Gemsbok National Park, Twee Riveren: Coetzee, C.G.: TM: 1 [1 - 1] - Twee Rivieren: ?: Collector Unknown: TM: 1 [1 - 1 - 2].

Total Specimens for 30 April 1965: 9

4 May 1965

Zambia: Kalabo: Japp, M.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 4 May 1965: 1

21 May 1965

Kenya: Ukwala: Williams, John G.: ROM: 1 [1 - 1 - 1].

Total Specimens for 21 May 1965: 1

23 May 1965

Kenya: Tororo: ?: Collector Unknown: ROM: 3 [3 - 3 - 3].

Total Specimens for 23 May 1965: 3

24 May 1965

Kenya: Tororo, 30 mi E: Williams, John G.: ROM: 2 [2 - 2 - 2].**Total Specimens for 24 May 1965: 2**

1 June 1965

Kenya: Sigor: Williams, John G.: ROM: 2 [2 - 2 - 2].**Total Specimens for 1 June 1965: 2**

5 June 1965

South Africa: Port Elisabeth: ?: Collector Unknown: HZM: 1 [1 - 1 - 1].**Total Specimens for 5 June 1965: 1**

12 June 1965

Nigeria: Ibadan: Ife University: FMNH: 2 [2 - 2 - 2].**Total Specimens for 12 June 1965: 2**

15 June 1965

Kenya: Magadi: Hayward, Bruce J.: WNMU: 1 [1 - 1] - Ngong Hills: Hayward, Bruce J.: FMNH: 1 [1 - 1 - 2].**Total Specimens for 15 June 1965: 2**

23 June 1965

Kenya: Karen: Hayward, Bruce J.: FMNH: 2 [2 - 2 - 2].**Total Specimens for 23 June 1965: 2**

26 June 1965

Ghana: Kumasi: Allison, F.R. and Barry, D.H.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 26 June 1965: 1**

3 July 1965

Congo (Democratic Republic of the): Luluabourg [=Kananga]: De Roo, Antoon: RMCA: 4 [4 - 4 - 4].**Total Specimens for 3 July 1965: 4**

4 July 1965

Kenya: Koran Badas: Williams, John G.: ROM: 2 [2 - 2] - Korau: Williams, John G.: ROM: 5 [5 - 5 - 7].**Total Specimens for 4 July 1965: 7**

7 July 1965

Kenya: Langata forest: Williams, John G.: ROM: 1 [1 - 1 - 1].**Total Specimens for 7 July 1965: 1**

12 July 1965

Senegal: Bandia: Cornet, Dr. and Taufflieb, R.: MHNG: 1 [1 - 1 - 1].**Total Specimens for 12 July 1965: 1**

16 July 1965

Tanzania: Amani: ?: Collector Unknown: TM: 2 [2 - 2 - 2].**Total Specimens for 16 July 1965: 2**

18 July 1965

Kenya: Elgon, Mount: Hayward, Bruce J.: WNMU: 1 [1 - 1] - Sokoke forest: Forbes-Watson, A.D.: USNM: 1 [1 - 1 - 2].

Total Specimens for 18 July 1965: 2

19 July 1965

Congo (Democratic Republic of the): Idjwi island: Prigogine, A.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 19 July 1965: 1

22 July 1965

Kenya: Kapenguria: Hayward, Bruce J.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 22 July 1965: 1

27 July 1965

Congo (Democratic Republic of the): Luluabourg [=Kananga]: De Roo, Antoon: RMCA: 6 [6 - 6 - 6].

Total Specimens for 27 July 1965: 6

29 July 1965

Kenya: Sigor, 2 mi S: ? : Collector Unknown: WNMU: 1 [1 - 1 - 1].

Total Specimens for 29 July 1965: 1

1 August 1965

Tanzania: Takaungu: Williams, John G.: ROM: 1 [1 - 1 - 1].

Total Specimens for 1 August 1965: 1

5 August 1965

Ghana: Nkawkaw, 1 mi N: Hayward, Bruce J.: USNM: 1 [1 - 1 - 1].

Total Specimens for 5 August 1965: 1

15 August 1965

Kenya: Kilifi: Williams, John G.: ROM: 5 [5 - 5] - Kivumoni Forest: Corbet, Gordon B. and Ingles, Jane M.: BMNH: 1 [1 - 1] - Rongai: Start, A.N.: BMNH: 1 [1 - 1 - 7].

Total Specimens for 15 August 1965: 7

16 August 1965

Egypt: Bahig: Kiepenhauer; Linsenmair [and the U.S. Navy Medical Research Unit 3 (NaMRU 3)]: SMF: 1 [1 - 1 - 1].
Kenya: Keekevok: Williams, John G.: ROM: 1 [1 - 1 - 1].

Total Specimens for 16 August 1965: 2

17 August 1965

Kenya: Kilifi: Williams, John G.: ROM: 1 [1 - 1 - 1].

Total Specimens for 17 August 1965: 1

20 August 1965

Kenya: Ukwala: Williams, John G.: ROM: 1 [1 - 1 - 1].

Total Specimens for 20 August 1965: 1

21 August 1965

Botswana: Francistown: Muche, B.: HZM: 2, ZFMK: 3 [5 - 5 - 5].

Total Specimens for 21 August 1965: 5

22 August 1965

Botswana: Francistown: Muche, B.: HZM: 1 [1 - 1 - 1].

Total Specimens for 22 August 1965: 1

23 August 1965

Botswana: Francistown: Muche, B.: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 23 August 1965: 1

24 August 1965

Zimbabwe: Haroni-Lusitu confluence: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].

Total Specimens for 24 August 1965: 1

27 August 1965

Kenya: Ferguson's Gulf: Hayward, Bruce J.: CM: 1 [1 - 1 - 1].

Total Specimens for 27 August 1965: 1

29 August 1965

Kenya: Lesukut island: Start, A.N.: HZM: 2, SMF: 2 [4 - 4 - 4].

Total Specimens for 29 August 1965: 4

2 September 1965

Kenya: Gibraltar island: Williams, A.E.: ROM: 6 [6]; Williams, John G.: ROM: 2 [2 - 8 - 8].

Total Specimens for 2 September 1965: 8

3 September 1965

Kenya: Baringo, lake: Williams, John G.: ROM: 1 [1 - 1 - 1].

Total Specimens for 3 September 1965: 1

4 September 1965

Kenya: Baringo, lake: Williams, John G.: ROM: 1 [1 - 1 - 1].

Total Specimens for 4 September 1965: 1

8 September 1965

Botswana: Francistown: Muche, B.: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 8 September 1965: 1

9 September 1965

Botswana: Francistown: Muche, B.: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 9 September 1965: 1

16 September 1965

Kenya: Keekevok: Williams, John G.: ROM: 1 [1 - 1 - 1].

Total Specimens for 16 September 1965: 1

17 September 1965

Zambia: Zambezi rapids: Smithers, R.H.N.: HZM: 1 [1 - 1 - 1].

Total Specimens for 17 September 1965: 1

20 September 1965

Kenya: Njerowa Gorge: Forbes-Watson, A.D.: USNM: 1 [1 - 1] - Ukwala: Williams, John G.: ROM: 2 [2 - 2 - 3].

Total Specimens for 20 September 1965: 3

3 October 1965

Tanzania: Grummetti: Ingles, Jane M.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 3 October 1965: 1

4 October 1965

South Africa: Fountains: ?: Collector Unknown: USNM: 1 [1 - 1 - 1].

Total Specimens for 4 October 1965: 1

10 October 1965

Cameroon: Bimbria: Jones, Theo Simpson: BMNH: 1 [1 - 1 - 1].

Total Specimens for 10 October 1965: 1

12 October 1965

Tanzania: Seronera: Ingles, Jane M.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 12 October 1965: 1

17 October 1965

Mozambique: Zinave: ?: Collector Unknown: MWSU: 1 [1]; Dalquest, Walter W.: MWSU: 5 [5 - 6 - 6].

Total Specimens for 17 October 1965: 6

22 October 1965

Namibia: Namibia Desert Research Station [= DERU]: Coetzee, C.G.: TM: 2 [2]; Haacke, W.: TM: 1 [1 - 3 - 3].

Total Specimens for 22 October 1965: 3

7 November 1965

Congo: Brazzaville: ?: Collector Unknown: MNHN: 1 [1 - 1 - 1].

Total Specimens for 7 November 1965: 1

11 November 1965

Senegal: Bandia: Taufflieb, R.: MHNG: 2 [2 - 2 - 2].

Total Specimens for 11 November 1965: 2

12 November 1965

Uganda: Katwe: Williams, John G.: ROM: 1 [1 - 1 - 1].

Total Specimens for 12 November 1965: 1

16 November 1965

Cameroon: Mbonge: Jones, Theo Simpson: BMNH: 1 [1 - 1 - 1].

Total Specimens for 16 November 1965: 1

19 November 1965

Namibia: Rua Cana: Buys: SMW: 1 [1 - 1 - 1].

Total Specimens for 19 November 1965: 1

24 November 1965

Botswana: Lethlakeng: Setzer, H.W.: USNM: 2 [2 - 2] - Lethlakeng, 11 mi SE: Hepplewhite, R.D.: USNM: 2 [2]; Liversedge, T.N.: USNM: 3 [3]; Setzer, H.W.: USNM: 6 [6 - 11 - 13].

Total Specimens for 24 November 1965: 13

25 November 1965

Botswana: Lethlakeng: Setzer, H.W.: USNM: 2 [2 - 2] - Lethlakeng, 11 mi SE: Hepplewhite, R.D.: USNM: 2 [2]; Liversedge, T.N.: USNM: 3 [3 - 5 - 7].

Total Specimens for 25 November 1965: 7

26 November 1965

Senegal: Kaffrine, 15 km N: Davis, R.M.: USNM: 9 [9 - 9 - 9].

Total Specimens for 26 November 1965: 9

27 November 1965

Central African Republic: Bangui: Chippaux, dr.: MNHN: 2 [2 - 2 - 2].

Total Specimens for 27 November 1965: 2

1 December 1965

South Africa: Pirie Trout hatchery: Davidson: KM: 1 [1 - 1 - 1].

Total Specimens for 1 December 1965: 1

11 December 1965

Kenya: Mitunbur: Williams, John G.: ROM: 1 [1 - 1] - Wei Wei river: Williams, John G.: ROM: 2 [2 - 2 - 3].

Total Specimens for 11 December 1965: 3

12 December 1965

Kenya: Tambalal Falls: Williams, John G.: ROM: 1 [1 - 1 - 1].

Total Specimens for 12 December 1965: 1

13 December 1965

Kenya: Suam river: Williams, John G.: ROM: 2 [2 - 2] - Swan river: ?: Collector Unknown: ROM: 1 [1 - 1 - 3].

Total Specimens for 13 December 1965: 3

15 December 1965

Egypt: Abu Rawash: Madkour, Gamal: CM: 2 [2 - 2 - 2].

Total Specimens for 15 December 1965: 2

16 December 1965

Kenya: Alamer: Williams, John G.: ROM: 2 [2 - 2 - 2].

Total Specimens for 16 December 1965: 2

17 December 1965

Kenya: Sigor: ?: Collector Unknown: ROM: 1 [1]; Williams, John G.: ROM: 1 [1 - 2] - Wei Wei river: Williams, John G.: ROM: 1 [1 - 1 - 3].

Total Specimens for 17 December 1965: 3

18 December 1965

Liberia: Ghapa: Verschuren, Jacques: KBIN: 1 [1 - 1 - 1].

Total Specimens for 18 December 1965: 1

19 December 1965

Equatorial Guinea: Bata: Martorell, F.: RMCA: 1 [1 - 1 - 1].

South Africa: Walmer: Farrell, T.: HZM: 1 [1 - 1 - 1].

Total Specimens for 19 December 1965: 2

20 December 1965

Congo (Democratic Republic of the): Lwiro: Kunkel: SMF: 1 [1 - 1 - 1].

Total Specimens for 20 December 1965: 1

21 December 1965

Nigeria: Kaduna: Start, A.N. and Watson, M.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 21 December 1965: 1

22 December 1965

South Africa: Brooklyn: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 22 December 1965: 1

23 December 1965

Kenya: Kongelai: Williams, John G.: ROM: 2 [2 - 2 - 2].

Total Specimens for 23 December 1965: 2

29 December 1965

Senegal: N'Goyé: Taufflieb, R.: MHNG: 1 [1 - 1 - 1].

Total Specimens for 29 December 1965: 1

5 January 1966

Kenya: Samburu Game Lodge: Williams, John G.: ROM: 2 [2 - 2 - 2].

Total Specimens for 5 January 1966: 2

12 January 1966

Kenya: Kiu: Sillu, David M.: ROM: 2 [2 - 2 - 2].

The Gambia: Banjul, 8 mi W: Davis, R.M.: USNM: 1 [1 - 1 - 1].

Total Specimens for 12 January 1966: 3

13 January 1966

The Gambia: Banjul, 8 mi W: Davis, R.M.: USNM: 6 [6 - 6 - 6].

Total Specimens for 13 January 1966: 6

25 January 1966

Togo: Adina: Veronese, C.: RMCA: 1 [1 - 1 - 1].

Uganda: Bwamba Forest: Williams, John G.: ROM: 1 [1 - 1 - 1].

Total Specimens for 25 January 1966: 2

27 January 1966

Kenya: Kiu: Sillu, David M.: ROM: 3 [3 - 3 - 3].

Total Specimens for 27 January 1966: 3

1 February 1966

Rwanda: Nyumba cave: Anciaux de Faveaux, Michel: KBIN: 8 [8 - 8 - 8].

Total Specimens for 1 February 1966: 8

5 February 1966

Uganda: Soroti: ?: Collector Unknown: ROM: 7 [7 - 7 - 7].

Total Specimens for 5 February 1966: 7

11 February 1966

Tanzania: Mikindani: Andersen, Th.: SMF: 9 [9 - 9 - 9].

Total Specimens for 11 February 1966: 9

14 February 1966

Tanzania: Mwela: Kalchreuter: SMNS: 1 [1 - 1 - 1].

Tanzania [=former Tanganyika]: Mikindani: Andersen, Th.: SMF: 2 [2 - 2 - 2].

Total Specimens for 14 February 1966: 3

15 February 1966

The Gambia: Kudang: Davis, R.M.: USNM: 9 [9 - 9 - 9].

Total Specimens for 15 February 1966: 9

16 February 1966

The Gambia: Kudang: Davis, R.M.: USNM: 4 [4 - 4 - 4].

Total Specimens for 16 February 1966: 4

19 February 1966

The Gambia: Kudang: Davis, R.M.: USNM: 3 [3 - 3 - 3].

Total Specimens for 19 February 1966: 3

25 February 1966

Egypt: Aswan governate: Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 25 February 1966: 1

28 February 1966

South Africa: Farm Donkerpoort 448, Sandspruit Cave No. 1: Copley, R.B.: TM: 1 [1 - 1 - 1].

Total Specimens for 28 February 1966: 1

2 March 1966

Liberia: Nimba, mount: Verschuren, Jacques: KBIN: 1 [1 - 1 - 1].

Total Specimens for 2 March 1966: 1

4 March 1966

Zambia: Lusaka: Ansell, W.F.H.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 4 March 1966: 1

10 March 1966

Nigeria: Calabar, 15 mi N: Herbert, H.J.: USNM: 1 [1 - 1 - 1].

Total Specimens for 10 March 1966: 1

24 March 1966

Congo (Democratic Republic of the): Lubumbashi: Poelman, L.: KBIN: 1 [1 - 1 - 1].

Total Specimens for 24 March 1966: 1

25 March 1966

Namibia: Kobos: Silberstein, A.R.: USNM: 2 [2 - 2 - 2].

Senegal: Podor: Davis, R.M.: USNM: 18 [18 - 18 - 18].

Total Specimens for 25 March 1966: 20

26 March 1966

Congo (Democratic Republic of the): Lubumbashi: Misonne, Xavier: RMCA: 1 [1 - 1 - 1].

Total Specimens for 26 March 1966: 1

27 March 1966

Egypt: Abu Rawash: Madkour, Gamal: CM: 1 [1 - 1 - 1].

Total Specimens for 27 March 1966: 1

8 April 1966

Nigeria: Dikwa, 31 mi NE: Herbert, H.J.: USNM: 2 [2 - 2 - 2].

Total Specimens for 8 April 1966: 2

10 April 1966

Nigeria: Dikwa, 31 mi NE: Herbert, H.J.: USNM: 8 [8 - 8 - 8].

Total Specimens for 10 April 1966: 8

20 April 1966

Senegal: Goudiri: Davis, R.M.: USNM: 21 [21 - 21 - 21].

Total Specimens for 20 April 1966: 21

28 April 1966

Senegal: Saboya: Taufflieb, R.: MHNG: 1 [1 - 1 - 1].

Total Specimens for 28 April 1966: 1

30 April 1966

Congo (Democratic Republic of the): Luluabourg [=Kananga]: De Roo, Antoon: RMCA: 1 [1 - 1 - 1].

Total Specimens for 30 April 1966: 1

5 May 1966

Senegal: Dialocote: Davis, R.M.: USNM: 4 [4 - 4 - 4].

Total Specimens for 5 May 1966: 4

6 May 1966

Senegal: Dialocote: Davis, R.M.: USNM: 27 [27 - 27 - 27].

Total Specimens for 6 May 1966: 27

7 May 1966

Senegal: Dialocote: Davis, R.M.: USNM: 10 [10 - 10 - 10].

Total Specimens for 7 May 1966: 10

9 May 1966

Nigeria: Sokoto, 12 mi N: Herbert, H.J.: USNM: 2 [2 - 2 - 2].

Senegal: Saboya: Taufflieb, R.: MHNG: 2 [2 - 2 - 2].

Total Specimens for 9 May 1966: 4

10 May 1966

Nigeria: Sokoto, 12 mi N: Herbert, H.J.: USNM: 4 [4 - 4 - 4].

Senegal: Gamon: Davis, R.M.: USNM: 1 [1 - 1 - 1].

Total Specimens for 10 May 1966: 5

11 May 1966

Senegal: Gamon: Davis, R.M.: USNM: 2 [2 - 2 - 2].

Total Specimens for 11 May 1966: 2

12 May 1966

Liberia: Nimba, mount: Coe, M.J. (dr.): BMNH: 3 [3 - 3 - 3].

Total Specimens for 12 May 1966: 3

14 May 1966

South Africa: John Nash Nature Reserve [=Jack Scott Private Nature Reserve], American cave: Coetzee, C.G.: TM: 2 [2 - 2 - 2].

Total Specimens for 14 May 1966: 2

15 May 1966

Nigeria: Zaria, 7 mi NW: Herbert, H.J.: USNM: 1 [1 - 1 - 1].

Total Specimens for 15 May 1966: 1

22 May 1966

Tanzania: Mikindani: Andersen, Th.: SMF: 11 [11 - 11 - 11].

Total Specimens for 22 May 1966: 11

30 May 1966

Tanzania [=former Tanganyika]: Mikindani: Andersen, Th.: SMF: 1 [1 - 1 - 1].

Total Specimens for 30 May 1966: 1

2 June 1966

Tanzania [=former Tanganyika]: Mikindani: Andersen, Th.: SMF: 1 [1 - 1 - 1].

Total Specimens for 2 June 1966: 1

7 June 1966

The Gambia: Toniataba: Davis, R.M.: USNM: 1 [1 - 1 - 1].

Total Specimens for 7 June 1966: 1

10 June 1966

The Gambia: Toniataba: Davis, R.M.: USNM: 14 [14 - 14 - 14].

Total Specimens for 10 June 1966: 14

13 June 1966

The Gambia: Toniataba: Davis, R.M.: USNM: 4 [4 - 4 - 4].

Total Specimens for 13 June 1966: 4

16 June 1966

Kenya: Trans-Nzoia district: Williams, A.E.: ROM: 1 [1 - 1 - 1].

Total Specimens for 16 June 1966: 1

18 June 1966

Rwanda: Butare: Anciaux de Faveaux, Michel: KBIN: 1 [1 - 1 - 1].

Total Specimens for 18 June 1966: 1

22 June 1966

Tanzania [=former Tanganyika]: Mikindani: Andersen, Th.: SMF: 3 [3 - 3 - 3].**Total Specimens for 22 June 1966: 3**

1 July 1966

Senegal: Dakar: Davis, R.M.: USNM: 7 [7 - 7 - 7].**Total Specimens for 1 July 1966: 7**

2 July 1966

Senegal: Dakar: Davis, R.M.: USNM: 8 [8 - 8 - 8].**Total Specimens for 2 July 1966: 8**

6 July 1966

Tanzania [=former Tanganyika]: Mikindani: Andersen, Th.: SMF: 1 [1 - 1 - 1].**Total Specimens for 6 July 1966: 1**

7 July 1966

Kenya: Sigor: Williams, John G.: ROM: 1 [1 - 1 - 1].**Total Specimens for 7 July 1966: 1**

10 July 1966

Botswana: Ghanzi, 20 mi NE: Liversedge, T.N.: USNM: 1 [1 - 1 - 1].**Total Specimens for 10 July 1966: 1**

16 July 1966

Côte d'Ivoire: Adiopodoumé: Thys Van den Audenaerde, Dirk and Verheyen, Walter N.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 16 July 1966: 1**

17 July 1966

Kenya: Kilifi, 2 mi W: Baettcher, J.W.: WNMU: 1 [1 - 1 - 1].**Total Specimens for 17 July 1966: 1**

18 July 1966

Senegal: Louga, 8 km E: Davis, R.M.: USNM: 39 [39 - 39 - 39].**Total Specimens for 18 July 1966: 39**

20 July 1966

Kenya: Sigor: Williams, John G.: ROM: 1 [1 - 1 - 1].**Total Specimens for 20 July 1966: 1**

21 July 1966

Kenya: Sigor: Williams, John G.: ROM: 2 [2 - 2] - Sokoke forest: Baettcher, J.W.: WNMU: 1 [1 - 1 - 3].**Total Specimens for 21 July 1966: 3**

25 July 1966

Cote D'Ivoire: Flampleu: Thys Van den Audenaerde, Dirk and Verheyen, Walter N.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 25 July 1966: 1**

30 July 1966

South Africa: John Nash Nature Reserve [=Jack Scott Private Nature Reserve], American cave: Coetzee, C.G.: TM: 2 [2 - 2 - 2].

Total Specimens for 30 July 1966: 2

2 August 1966

Cote D'Ivoire: Saibly: Thys Van den Audenaerde, Dirk and Verheyen, Walter N.: RMCA: 1 [1 - 1] - Toyebli: Thys Van den Audenaerde, Dirk and Verheyen, Walter N.: RMCA: 1 [1 - 1 - 2].

Total Specimens for 2 August 1966: 2

3 August 1966

Cote D'Ivoire: Toyebli: Thys Van den Audenaerde, Dirk and Verheyen, Walter N.: RMCA: 2 [2 - 2 - 2].
Côte d'Ivoire: Adiopodoumé: Thys Van den Audenaerde, Dirk and Verheyen, Walter N.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 3 August 1966: 3

5 August 1966

South Africa: Wynberg cave: University of Cape Town: SAMC: 1 [1 - 1 - 1].

Total Specimens for 5 August 1966: 1

16 August 1966

Uganda: Buligi: Williams, John G.: ROM: 1 [1 - 1 - 1].

Total Specimens for 16 August 1966: 1

24 August 1966

Cote D'Ivoire: Doropo: Thys Van den Audenaerde, Dirk and Verheyen, Walter N.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 24 August 1966: 1

7 September 1966

Kenya: Voi: Foster, J.B.: ROM: 1 [1 - 1 - 1].

Total Specimens for 7 September 1966: 1

8 September 1966

Egypt: Dandarah: Hoogstraal, Harry H.: FMNH: 3 [3 - 3 - 3].
Kenya: Voi: Monks, D. and Foster, J.B.: ROM: 2 [2 - 2 - 2].

Total Specimens for 8 September 1966: 5

13 September 1966

Kenya: Sarmai: ?: Collector Unknown: ROM: 1 [1 - 1 - 1].

Total Specimens for 13 September 1966: 1

14 September 1966

Kenya: Turkwell river: ?: Collector Unknown: ROM: 1 [1 - 1 - 1].

Total Specimens for 14 September 1966: 1

16 September 1966

Zambia: Wenela: Japp, M.: BMNH: 2 [2 - 2 - 2].

Total Specimens for 16 September 1966: 2

17 September 1966

Uganda: Budongo Forest: Williams, John G.: ROM: 1 [1 - 1 - 1].

Total Specimens for 17 September 1966: 1

23 September 1966

Tunisia: Enfidaville: Harrison, David Lakin (Dr.): HZM: 1 [1 - 1 - 1].**Total Specimens for 23 September 1966: 1**

26 September 1966

South Africa: Nelspruit, 4 mi E, 2 mi S: Hepplewhite, R.D.: USNM: 2 [2 - 2 - 2].**Total Specimens for 26 September 1966: 2**

1 October 1966

Kenya: Wei Wei river: Start, A.N.: BMNH: 5 [5 - 5 - 5].**Total Specimens for 1 October 1966: 5**

3 October 1966

Tunisia: Wadi Zriba: Harrison, David Lakin (Dr.): HZM: 1 [1 - 1 - 1].**Total Specimens for 3 October 1966: 1**

4 October 1966

Namibia: Ombu: Coetzee, C.G.: TM: 5 [5 - 5] - Otjimbingwe: ?: Collector Unknown: TM: 1 [1 - 1 - 6].**Total Specimens for 4 October 1966: 6**

5 October 1966

Namibia: : Coetzee, C.G.: MMK: 1 [1 - 1] - Ombu: Coetzee, C.G.: TM: 7 [7 - 7 - 8].**Total Specimens for 5 October 1966: 8**

7 October 1966

Namibia: Otjimbingwe: Coetzee, C.G.: TM: 2 [2 - 2] - Otjimbingwe: ?: Collector Unknown: TM: 6 [6 - 6 - 8].**Total Specimens for 7 October 1966: 8**

12 October 1966

Côte d'Ivoire: Adiopodoumé: Bellier, Louis: RMCA: 1 [1 - 1 - 1].**Total Specimens for 12 October 1966: 1**

19 October 1966

Namibia: Farm Arnhem [=Arnem]: Coetzee, C.G.: TM: 1 [1 - 1] - Swartbooidrift: ?: Collector Unknown: TM: 1 [1 - 1 - 2].**Total Specimens for 19 October 1966: 2**

21 October 1966

Kenya: Wei Wei river: Start, A.N.: BMNH: 1 [1 - 1 - 1].**Nigeria:** Igbo-ora: Setzer, H.W.: USNM: 1 [1 - 1 - 1].**Total Specimens for 21 October 1966: 2**

23 October 1966

Namibia: Epupa Falls: ?: Collector Unknown: TM: 3 [3 - 3 - 3].**Total Specimens for 23 October 1966: 3**

25 October 1966

Rwanda: Butare: Anciaux de Faveaux, Michel: KBIN: 1 [1 - 1 - 1].

Total Specimens for 25 October 1966: 1

26 October 1966

Zimbabwe: Kama Zuma township: ?: Collector Unknown: MNHN: 1 [1 - 1 - 1].**Total Specimens for 26 October 1966: 1**

29 October 1966

Botswana: Drotsky's Cave: Marshall Exp.: TM: 1 [1 - 1 - 1].**Namibia:** Farm Arnhem [=Arnem]: Coetzee, C.G.: TM: 23 [23 - 23 - 23].**South Africa:** Farm Uitkomst 499: Coetzee, C.G.: TM: 1 [1 - 1 - 1].**Total Specimens for 29 October 1966: 25**

1 November 1966

Cameroon: Bota: Jones, Theo Simpson: BMNH: 1 [1 - 1 - 1].**Total Specimens for 1 November 1966: 1**

9 November 1966

Nigeria: Ilashe, 4 mi S: Geest, J.C.: USNM: 2 [2 - 2 - 2].**Total Specimens for 9 November 1966: 2**

11 November 1966

Rwanda: Butare: Anciaux de Faveaux, Michel: KBIN: 2 [2 - 2 - 2].**Total Specimens for 11 November 1966: 2**

18 November 1966

Mauritania: Akjoujt: Harvey, D.E.: USNM: 39 [39 - 39 - 39].**Total Specimens for 18 November 1966: 39**

19 November 1966

Kenya: Shimba Hills: Sillu, David M.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 19 November 1966: 1**

21 November 1966

Mauritania: Akjoujt: Harvey, D.E.: USNM: 14 [14 - 14 - 14].**Total Specimens for 21 November 1966: 14**

22 November 1966

Mauritania: Akjoujt: Harvey, D.E.: USNM: 2 [2 - 2 - 2].**Total Specimens for 22 November 1966: 2**

24 November 1966

Rwanda: Gafumba: Anciaux de Faveaux, Michel: KBIN: 5 [5 - 5 - 5].**Total Specimens for 24 November 1966: 5**

25 November 1966

Kenya: Shimba Hills: Sillu, David M.: RMCA: 2, ROM: 1 [3 - 3 - 3].**Total Specimens for 25 November 1966: 3**

30 November 1966

Cameroon: Camp II: ?: Collector Unknown: ZFMK: 1 [1 - 1 - 1].**Kenya:** Shimba Hills: Sillu, David M.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 30 November 1966: 2

3 December 1966

Kenya: Shimba Hills: Sillu, David M.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 3 December 1966: 1

4 December 1966

Botswana: Serowe, 40 mi NW: Smithers, R.H.N.: HZM: 2 [2 - 2 - 2].

Total Specimens for 4 December 1966: 2

7 December 1966

Rwanda: Nyumba cave: Anciaux de Faveaux, Michel: KBIN: 4 [4 - 4 - 4].

Total Specimens for 7 December 1966: 4

9 December 1966

Kenya: Shimba Hills: Sillu, David M.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 9 December 1966: 1

10 December 1966

Unknown Country: Malingwe Pan: Smithers, R.H.N.: HZM: 1 [1 - 1 - 1].

Total Specimens for 10 December 1966: 1

14 December 1966

Zambia: Wenela: Japp, M.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 14 December 1966: 1

16 December 1966

Egypt: Abu Rawash: Madkour, Gamal: CM: 1 [1 - 1 - 1].

Total Specimens for 16 December 1966: 1

17 December 1966

Rwanda: Nyumba cave: Anciaux de Faveaux, Michel: KBIN: 1 [1 - 1 - 1].

Total Specimens for 17 December 1966: 1

19 December 1966

Rwanda: Mugogwe: Anciaux de Faveaux, Michel: KBIN: 1 [1 - 1 - 1].

Total Specimens for 19 December 1966: 1

22 December 1966

Côte d'Ivoire: Adiopodoumé: Bellier, Louis: RMCA: 2 [2 - 2 - 2].

Total Specimens for 22 December 1966: 2

24 December 1966

Congo (Democratic Republic of the): Kaniki [3 locs]: De Roo, Antoon: RMCA: 1 [1 - 1 - 1].

Total Specimens for 24 December 1966: 1

25 December 1966

Rwanda: Butare: Anciaux de Faveaux, Michel: KBIN: 1 [1 - 1 - 1].

Total Specimens for 25 December 1966: 1

26 December 1966

Zambia: Mazabuka: McLeod, J.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 26 December 1966: 1

27 December 1966

Cameroon: Limbe: Jones, Theo Simpson: BMNH: 1 [1 - 1 - 1].

Total Specimens for 27 December 1966: 1

9 January 1967

Congo: Kouilou: Adam, Jean-Paul: MNHN: 1 [1 - 1 - 1].

Total Specimens for 9 January 1967: 1

10 January 1967

Nigeria: Tsanchaga: Geest, J.C.: USNM: 2 [2 - 2 - 2].

Total Specimens for 10 January 1967: 2

14 January 1967

Nigeria: Karaduwa: Geest, J.C.: USNM: 1 [1 - 1 - 1].

South Africa: Farm Makapansgat: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 14 January 1967: 2

16 January 1967

Nigeria: Karaduwa: Geest, J.C.: USNM: 2 [2 - 2 - 2].

Total Specimens for 16 January 1967: 2

17 January 1967

Nigeria: Karaduwa: Geest, J.C.: USNM: 2 [2 - 2 - 2].

Total Specimens for 17 January 1967: 2

18 January 1967

Nigeria: Karaduwa: Geest, J.C.: USNM: 1 [1 - 1 - 1].

Total Specimens for 18 January 1967: 1

22 January 1967

Nigeria: Panisau: Geest, J.C.: USNM: 4 [4 - 4 - 4].

Total Specimens for 22 January 1967: 4

23 January 1967

Botswana: Mamono, 150 mi S: Liversedge, T.N.: USNM: 1 [1 - 1 - 1].

Egypt: Abu Rawash: Madkour, Gamal: CM: 1 [1 - 1 - 1].

Rwanda: Rubona: Anciaux de Faveaux, Michel: KBIN: 3 [3 - 3 - 3].

Total Specimens for 23 January 1967: 5

24 January 1967

Botswana: Mamono, 150 mi S: Liversedge, T.N.: USNM: 1 [1 - 1 - 1].

Total Specimens for 24 January 1967: 1

25 January 1967

South Africa: John Nash Nature Reserve [=Jack Scott Private Nature Reserve], American cave: Coetzee, C.G.: TM: 4 [4 - 4 - 4].

Togo: Adina: Veronese, C.: RMCA: 2 [2 - 2 - 2].

Total Specimens for 25 January 1967: 6

30 January 1967

Cameroon: Camp IV: Eisentraut, Martin: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 30 January 1967: 1

31 January 1967

Cameroon: Camp IV: Eisentraut, Martin: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 31 January 1967: 1

4 February 1967

Nigeria: Panisau: Geest, J.C.: USNM: 9 [9 - 9 - 9].

Total Specimens for 4 February 1967: 9

5 February 1967

Nigeria: Panisau: Geest, J.C.: USNM: 6 [6 - 6 - 6].

Total Specimens for 5 February 1967: 6

6 February 1967

Kenya: Mara River: ?: Collector Unknown: SMF: 1 [1 - 1 - 1].

Total Specimens for 6 February 1967: 1

18 February 1967

Cameroon: Camp V: Eisentraut, Martin: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 18 February 1967: 1

21 February 1967

Sudan: Telaweit: Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 21 February 1967: 1

23 February 1967

Cameroon: Camp V: Eisentraut, Martin: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 23 February 1967: 1

7 March 1967

Nigeria: Kudu: Geest, J.C.: USNM: 6 [6 - 6 - 6].

Total Specimens for 7 March 1967: 6

8 March 1967

Nigeria: Kudu: Geest, J.C.: USNM: 2 [2 - 2 - 2].

Total Specimens for 8 March 1967: 2

15 March 1967

South Africa: Brooklyn: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 15 March 1967: 1

16 March 1967

South Africa: Warmbad, 2 mi E: ?: Collector Unknown: ROM: 1 [1 - 1 - 1].

Total Specimens for 16 March 1967: 1

19 March 1967

South Africa: Warmbad, 2 mi E:?: Collector Unknown: ROM: 1 [1 - 1 - 1].**Total Specimens for 19 March 1967: 1**

6 April 1967

Congo (Democratic Republic of the): Lwiro: Prigogine, A.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 6 April 1967: 1**

10 April 1967

Madagascar: Tananarive: Peterson, Randolph L. et al: ROM: 1 [1 - 1 - 1].**Total Specimens for 10 April 1967: 1**

11 April 1967

South Africa: :?: Collector Unknown: TM: 6 [6]; HJH: TM: 1 [1 - 7] - Newington, 11 km N: Herbert, H.J.: TM: 1 [1 - 1] - Old Figtree forest: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 9].

Zambia: Chisenga: Dowsett, R.J.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 11 April 1967: 10

15 April 1967

South Africa: Warmbad, 2 mi E:?: Collector Unknown: ROM: 1 [1 - 1 - 1].**Total Specimens for 15 April 1967: 1**

16 April 1967

Mauritania: Garak: Robbins, C. Brian: USNM: 50 [50 - 50 - 50].**Total Specimens for 16 April 1967: 50**

17 April 1967

Botswana: Sepopa: Liversedge, T.N.: USNM: 2 [2 - 2 - 2].**Total Specimens for 17 April 1967: 2**

18 April 1967

Botswana: Sepopa: Goussard, S.W.: USNM: 1 [1 - 1 - 1].

Mauritania: Garak: Harvey, D.E.: USNM: 1 [1 - 1 - 1].

South Africa: Warmbad, 2 mi E:?: Collector Unknown: ROM: 1 [1 - 1 - 1].

Total Specimens for 18 April 1967: 3

19 April 1967

Botswana: Sepopa: Liversedge, T.N.: USNM: 1 [1 - 1 - 1].

Madagascar: Tananarive: Peterson, Randolph L. et al: ROM: 1 [1 - 1 - 1].

Total Specimens for 19 April 1967: 2

20 April 1967

Botswana: Sepopa: Liversedge, T.N.: USNM: 1 [1 - 1 - 1].**Total Specimens for 20 April 1967: 1**

21 April 1967

Madagascar: Southern Tanatarive: Peterson, Randolph L. et al: ROM: 1 [1 - 1 - 1].**Total Specimens for 21 April 1967: 1**

22 April 1967

Botswana: Sepopa: Liversedge, T.N.: USNM: 1 [1 - 1 - 1].

Total Specimens for 22 April 1967: 1

25 April 1967

Madagascar: Ambodiriana: Peterson, Randolph L. et al: ROM: 19 [19 - **19** - 19].

Total Specimens for 25 April 1967: 19

27 April 1967

Madagascar: Perinet: Gould, E.: ROM: 1 [1 - 1 - 1].

Total Specimens for 27 April 1967: 1

28 April 1967

Congo (Democratic Republic of the): Lwiro: Prigogine, A.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 28 April 1967: 1

1 May 1967

Mauritania: Garak: Harvey, D.E.: USNM: 2 [2 - 2 - 2].

South Africa: : Herbert, H.J.: TM: 1 [1 - 1 - 1].

Total Specimens for 1 May 1967: 3

4 May 1967

Botswana: Shakawe, 50 mi W, 12 mi S: Goussard, S.W.: USNM: 1 [1 - 1 - 1].

Total Specimens for 4 May 1967: 1

5 May 1967

Nigeria: Afon: Geest, J.C.: USNM: 9 [9 - 9 - 9].

South Africa: Warmbad, 2 mi E: ?: Collector Unknown: ROM: 1 [1 - 1 - 1].

Total Specimens for 5 May 1967: 10

6 May 1967

Nigeria: Afon: Geest, J.C.: USNM: 24 [24 - 24 - 24].

Total Specimens for 6 May 1967: 24

7 May 1967

Nigeria: Afon: Geest, J.C.: USNM: 3 [3 - 3 - 3].

Total Specimens for 7 May 1967: 3

9 May 1967

Madagascar: in a marine cave between Sarodrano and Saint-Augustin: ?: Collector Unknown: ROM: 1 [1 - 1 - 1].

Total Specimens for 9 May 1967: 1

10 May 1967

Botswana: Shakawe: Liversedge, T.N.: USNM: 1 [1 - 1 - 1].

Total Specimens for 10 May 1967: 1

13 May 1967

Madagascar: Ilakaka, E of: Peterson, Randolph L., Willams, J.G. and Glen, R.: ROM: 1 [1 - 1 - 1].

Total Specimens for 13 May 1967: 1

26 May 1967

Zimbabwe: Salisbury: ?: Collector Unknown: MNHN: 1 [1 - 1 - 1].

Total Specimens for 26 May 1967: 1

28 May 1967

Botswana: Shakawe, 50 mi W, 12 mi S: Goussard, S.W.: USNM: 4 [4]; Liversedge, T.N.: USNM: 1 [1 - 5 - 5].

Total Specimens for 28 May 1967: 5

29 May 1967

Nigeria: Dada: Geest, J.C.: USNM: 1 [1 - 1 - 1].

Total Specimens for 29 May 1967: 1

30 May 1967

Nigeria: Dada: Akpan, S.B.: USNM: 9 [9]; Geest, J.C.: USNM: 8 [8 - 17 - 17].

Total Specimens for 30 May 1967: 17

8 June 1967

Botswana: Drodsky cave: Goussard, S.W.: USNM: 22 [22 - 22 - 22].

Total Specimens for 8 June 1967: 22

19 June 1967

South Africa: Acornhoek: Herbert, H.J.: TM: 1 [1 - 1 - 1].

Sudan: Disa: Allison, F.R.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 19 June 1967: 2

21 June 1967

Zambia: Mfuwe: Dowsett, R.J.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 21 June 1967: 1

22 June 1967

Botswana: Nokaneng, 15 mi N: Goussard, S.W.: USNM: 1 [1 - 1 - 1].

Total Specimens for 22 June 1967: 1

24 June 1967

Botswana: Nokaneng, 15 mi N: Goussard, S.W.: USNM: 1 [1 - 1 - 1].

Total Specimens for 24 June 1967: 1

25 June 1967

Botswana: Nokaneng, 15 mi N: Liversedge, T.N.: USNM: 2 [2 - 2 - 2].

Senegal: Ranerou, 13 km NW: Robbins, C. Brian: USNM: 1 [1 - 1 - 1].

Total Specimens for 25 June 1967: 3

26 June 1967

Botswana: Serula: NMR: USNM: 2 [2 - 2 - 2].

Total Specimens for 26 June 1967: 2

4 July 1967

South Africa: : ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 4 July 1967: 1

8 July 1967

Botswana: Drodsky cave: Goussard, S.W.: USNM: 1 [1 - 1 - 1].

Total Specimens for 8 July 1967: 1

16 July 1967

Congo (Democratic Republic of the): Tandala: Robbins, Lynn W.: USNM: 1 [1 - 1 - 1].

Total Specimens for 16 July 1967: 1

19 July 1967

Ghana: Legon [Botanical Garden]: Hayward, Bruce J.: USNM: 2 [2 - 2 - 2].

Total Specimens for 19 July 1967: 2

22 July 1967

Ghana: Legon [Botanical Garden]: Hayward, Bruce J.: USNM: 3 [3 - 3 - 3].

Total Specimens for 22 July 1967: 3

23 July 1967

Ghana: Legon [Botanical Garden]: Hayward, Bruce J.: USNM: 4 [4 - 4 - 4].

Total Specimens for 23 July 1967: 4

24 July 1967

Ghana: Legon [Botanical Garden]: Geest, J.C.: USNM: 1 [1 - 1 - 1].

Total Specimens for 24 July 1967: 1

25 July 1967

Ghana: Legon [Botanical Garden]: Hayward, Bruce J.: USNM: 1 [1 - 1 - 1].

Total Specimens for 25 July 1967: 1

26 July 1967

Ghana: Legon [Botanical Garden]: Hayward, Bruce J.: USNM: 1 [1 - 1 - 1].

Total Specimens for 26 July 1967: 1

27 July 1967

Ghana: Legon [Botanical Garden]: Geest, J.C.: USNM: 3 [3]; Hayward, Bruce J.: USNM: 10 [10 - 13 - 13].

Total Specimens for 27 July 1967: 13

28 July 1967

Ghana: Legon [Botanical Garden]: Hayward, Bruce J.: USNM: 4 [4 - 4 - 4].

Total Specimens for 28 July 1967: 4

29 July 1967

Ghana: Mankesin: Geest, J.C.: USNM: 1 [1 - 1 - 1].

Total Specimens for 29 July 1967: 1

1 August 1967

Ghana: Legon [Botanical Garden]: Hayward, Bruce J.: USNM: 1 [1 - 1 - 1].

Total Specimens for 1 August 1967: 1

2 August 1967

Ghana: Legon [Botanical Garden]: Hayward, Bruce J.: USNM: 2 [2 - 2 - 2].

Total Specimens for 2 August 1967: 2

5 August 1967

Ghana: Nkawkaw, 1 mi N: Hayward, Bruce J.: USNM: 9 [9 - 9 - 9].**Total Specimens for 5 August 1967: 9**

6 August 1967

Ghana: Nkawkaw, 1 mi N: Hayward, Bruce J.: USNM: 1 [1 - 1 - 1].**Total Specimens for 6 August 1967: 1**

7 August 1967

Ghana: Nkawkaw, 1 mi N: Geest, J.C.: USNM: 4 [4 - 4 - 4].**Total Specimens for 7 August 1967: 4**

12 August 1967

Ghana: Nkawkaw, 1 mi N: Hayward, Bruce J.: USNM: 2 [2 - 2 - 2].**Kenya:** Garsen: Start, A.N.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 12 August 1967: 3**

13 August 1967

Kenya: Malindi, 30 mi N: Start, A.N.: BMNH: 5 [5 - 5 - 5].**Total Specimens for 13 August 1967: 5**

14 August 1967

Kenya: Sokoke forest: ?: Collector Unknown: ROM: 4 [4 - 4 - 4].**Total Specimens for 14 August 1967: 4**

17 August 1967

Ghana: Jukwa: Hayward, Bruce J.: USNM: 2 [2 - 2] - Saruwi river: Hayward, Bruce J.: USNM: 2 [2 - 2 - 4].**Total Specimens for 17 August 1967: 4**

18 August 1967

Ghana: Jukwa: Hayward, Bruce J.: USNM: 5 [5 - 5] - Saruwi river: Hayward, Bruce J.: USNM: 2 [2 - 2 - 7].**Total Specimens for 18 August 1967: 7**

19 August 1967

Ghana: Saruwi river: Hayward, Bruce J.: USNM: 1 [1 - 1 - 1].**Total Specimens for 19 August 1967: 1**

20 August 1967

Ghana: Jukwa: Hayward, Bruce J.: USNM: 1 [1 - 1 - 1].**Kenya:** Endebess: Start, A.N.: BMNH: 1 [1 - 1 - 1].**Sudan:** Disa: Allison, F.R.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 20 August 1967: 3**

21 August 1967

Ghana: Jukwa: Hayward, Bruce J.: USNM: 1 [1 - 1 - 1].**Total Specimens for 21 August 1967: 1**

22 August 1967

Kenya: Wei Wei river: Start, A.N.: BMNH: 1 [1 - 1 - 1].
Namibia: Karibib: Mittendorf, H.: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 22 August 1967: 2

25 August 1967

Ghana: Axim: Hayward, Bruce J.: USNM: 10 [10 - 10] - Prince's Town, 7 mi N: Hayward, Bruce J.: USNM: 1 [1 - 1 - 11].
Kenya: Kongelai: Start, A.N.: BMNH: 1 [1 - 1] - Wei Wei river: Start, A.N.: BMNH: 1 [1 - 1 - 2].
Sudan: Disa: Allison, F.R.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 25 August 1967: 14

27 August 1967

Kenya: Tamkal Camp: Start, A.N.: BMNH: 1 [1 - 1 - 1].
Namibia: Karibib: Mittendorf, H.: ZFMK: 3 [3 - 3 - 3].

Total Specimens for 27 August 1967: 4

29 August 1967

Ghana: Anum, 4 mi S: Hayward, Bruce J.: USNM: 7 [7 - 7] - Bame: Hayward, Bruce J.: USNM: 5 [5 - 5 - 12].

Total Specimens for 29 August 1967: 12

6 September 1967

Zambia: Naleza: Scheppe, W.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 6 September 1967: 1

9 September 1967

Zambia: Naleza: Sheppe, Walter A.: CAS: 1, HZM: 1 [2 - 2 - 2].

Total Specimens for 9 September 1967: 2

18 September 1967

Kenya: Baringo, lake: Williams, A.E.: ROM: 2 [2]; Williams, John G.: ROM: 1 [1 - 3 - 3].
Zambia: Wenela: Japp, M.: BMNH: 2 [2 - 2 - 2].

Total Specimens for 18 September 1967: 5

24 September 1967

Egypt: Zawyet Umm El Rakham: Hoogstraal, Harry H.: FMNH: 4 [4 - 4 - 4].
Zimbabwe: Chirinda Forest: Setzer, H.W.: NHMZ: 3, USNM: 5 [8 - 8 - 8].

Total Specimens for 24 September 1967: 12

1 October 1967

Ethiopia: Tana, lake: Schüz: SMNS: 1 [1 - 1 - 1].
Zimbabwe: Chirinda Forest: Setzer, H.W.: USNM: 1 [1 - 1 - 1].

Total Specimens for 1 October 1967: 2

2 October 1967

Senegal: Linguere: Descarpentier, A. and Villiers, A.: MNHN: 1 [1 - 1 - 1].

Total Specimens for 2 October 1967: 1

3 October 1967

Zimbabwe: Selinda, mount: Setzer, H.W.: USNM: 1 [1 - 1 - 1].

Total Specimens for 3 October 1967: 1

7 October 1967

Zambia: Naleza: Sheppe, Walter A.: CAS: 1 [1 - 1 - 1].

Total Specimens for 7 October 1967: 1

8 October 1967

Ghana: Aburi: Geest, J.C.: USNM: 1 [1 - 1 - 1].**Total Specimens for 8 October 1967: 1**

28 October 1967

Zambia: Lochinvar ranch: Sheppe, Walter A.: CAS: 1 [1 - 1 - 1].**Total Specimens for 28 October 1967: 1**

5 November 1967

Ghana: Berekuso, 1 mi N: Setzer, H.W.: USNM: 2 [2 - 2 - 2].**Total Specimens for 5 November 1967: 2**

24 November 1967

South Africa: Kamferboom: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2 - 2].**Total Specimens for 24 November 1967: 2**

25 November 1967

Ghana: Teshi: Robbins, C. Brian: USNM: 1 [1 - 1 - 1].**Total Specimens for 25 November 1967: 1**

28 November 1967

Ghana: Legon [Botanical Garden]: Geest, J.C.: USNM: 1 [1]; Robbins, C. Brian: USNM: 1 [1 - 2 - 2].**Total Specimens for 28 November 1967: 2**

30 November 1967

Ghana: Akosombo: Geest, J.C.: USNM: 9 [9]; Robbins, C. Brian: USNM: 10 [10]; Setzer, H.W.: USNM: 8 [8 - 27 - 27].**Total Specimens for 30 November 1967: 27**

1 December 1967

Zimbabwe: Ngorima Reserve: Goussard, S.W.: USNM: 1 [1 - 1 - 1].**Total Specimens for 1 December 1967: 1**

2 December 1967

Ghana: Akwamufe: Setzer, H.W.: USNM: 2 [2 - 2] - Akwamufe, 1 mi N: LeDuc, J.W.: USNM: 4 [4]; Setzer, H.W.: USNM: 4 [4 - 8] - Akwanu, 5 mi W: Geest, J.C.: USNM: 16 [16 - 16] - Asikuma, 1 mi N: Setzer, H.W.: USNM: 3 [3 - 3] - Kpeve: Geest, J.C.: USNM: 3 [3 - 3] - Tsibu, 2 mi SSW: Setzer, H.W.: USNM: 2 [2 - 2] - Tsibu, 7 mi N: LeDuc, J.W.: USNM: 5 [5 - 5 - 39].**Total Specimens for 2 December 1967: 39**

5 December 1967

Ghana: Achimota: ? : Collector Unknown: ROM: 1 [1 - 1 - 1].**Total Specimens for 5 December 1967: 1**

10 December 1967

Cameroon: Mamfe: LeDuc, J.W.: USNM: 15 [15 - 15 - 15].**Gabon:** Makokou: Brosset, André: MNHN: 1 [1 - 1 - 1].**Ghana:** Adawaso: Setzer, H.W.: USNM: 12 [12 - 12] - Adawaso, 1 mi E: Setzer, H.W.: USNM: 2 [2 - 2] - Adawaso, 1.9 mi NW: Setzer, H.W.: USNM: 1 [1 - 1] - Adawaso, 4.7 mi E: LeDuc, J.W.: USNM: 3 [3 - 3] - Adawaso, 5.7 mi E: LeDuc, J.W.: USNM: 2 [2 - 2] - Nankasi: Setzer, H.W.: USNM: 1 [1 - 1] - Okorasi: LeDuc, J.W.: USNM: 15 [15 - 15] - Tutu: Setzer, H.W.: USNM: 1 [1 - 1 - 37].

Zimbabwe: Kyle Game Reserve: Goussard, S.W.: USNM: 2 [2 - **2** - 2].

Total Specimens for 10 December 1967: 55

11 December 1967

Zimbabwe: Kyle Game Reserve: Goussard, S.W.: USNM: 1 [1 - **1** - 1].

Total Specimens for 11 December 1967: 1

12 December 1967

Zimbabwe: Kyle Game Reserve: Goussard, S.W.: USNM: 1 [1 - **1** - 1].

Total Specimens for 12 December 1967: 1

16 December 1967

Zimbabwe: Kyle Game Reserve: Goussard, S.W.: USNM: 8 [8 - **8** - 8].

Total Specimens for 16 December 1967: 8

17 December 1967

Ghana: Weija: LeDuc, J.W.: USNM: 15 [15]; Robbins, C. Brian: USNM: 14 [14 - **29** - 29].

Total Specimens for 17 December 1967: 29

13 January 1968

Ghana: Prestea, 32 mi W: Geest, J.C.: USNM: 1 [1 - **1** - 1].

Total Specimens for 13 January 1968: 1

16 January 1968

Ghana: Butre: Geest, J.C.: USNM: 1 [1 - **1** - 1].

Total Specimens for 16 January 1968: 1

18 January 1968

Ghana: Butre: Geest, J.C.: USNM: 1 [1 - **1** - 1].

Total Specimens for 18 January 1968: 1

19 January 1968

Benin: Bimbereke: LeDuc, J.W.: USNM: 1 [1]; Robbins, C. Brian: USNM: 2 [2 - **3** - 3].

Total Specimens for 19 January 1968: 3

20 January 1968

Benin: Bimbereke: LeDuc, J.W.: USNM: 1 [1]; Robbins, C. Brian: USNM: 1 [1 - **2** - 2].

Ghana: Butre: Geest, J.C.: USNM: 1 [1 - **1** - 1].

Total Specimens for 20 January 1968: 3

21 January 1968

Benin: Bimbereke: LeDuc, J.W.: USNM: 15 [15]; Robbins, C. Brian: USNM: 10 [10 - **25** - 25].

Total Specimens for 21 January 1968: 25

22 January 1968

Benin: Bimbereke: Robbins, C. Brian: USNM: 1 [1 - **1** - 1].

Total Specimens for 22 January 1968: 1

23 January 1968

Benin: Bimbereke: Robbins, C. Brian: USNM: 3 [3 - **3** - 3].

Total Specimens for 23 January 1968: 3

25 January 1968

Burkina Faso: Tatarko: Vaden, R.E.: USNM: 1 [1 - 1 - 1].**Total Specimens for 25 January 1968: 1**

29 January 1968

Benin: Guene: LeDuc, J.W.: USNM: 18 [18]; Robbins, C. Brian: USNM: 17 [17 - 35 - 35].**Total Specimens for 29 January 1968: 35**

30 January 1968

Ghana: Ahiriso: Geest, J.C.: USNM: 1 [1 - 1 - 1].**Total Specimens for 30 January 1968: 1**

15 February 1968

Benin: Segbana: Robbins, C. Brian: USNM: 4 [4 - 4 - 4].**Total Specimens for 15 February 1968: 4**

16 February 1968

Benin: Segbana: Robbins, C. Brian: USNM: 1 [1 - 1 - 1].**Total Specimens for 16 February 1968: 1**

21 February 1968

Ghana: Subinja: Geest, J.C.: USNM: 1 [1 - 1 - 1].**Total Specimens for 21 February 1968: 1**

24 February 1968

Benin: Nikki: LeDuc, J.W.: USNM: 3 [3]; Robbins, C. Brian: USNM: 8 [8 - 11 - 11].**Total Specimens for 24 February 1968: 11**

26 February 1968

Ghana: Pirisi: Geest, J.C.: USNM: 60 [60 - 60 - 60].**Total Specimens for 26 February 1968: 60**

27 February 1968

Benin: Parakou: LeDuc, J.W.: USNM: 1 [1 - 1 - 1].**Ghana:** Pirisi: Geest, J.C.: USNM: 58 [58 - 58 - 58].**Total Specimens for 27 February 1968: 59**

28 February 1968

Benin: Parakou: Robbins, C. Brian: USNM: 1 [1 - 1 - 1].**Total Specimens for 28 February 1968: 1**

3 March 1968

Congo (Democratic Republic of the): Elisabethville [=Lubumbashi]: Prigogine, A.: RMCA: 1 [1 - 1 - 1].**Ghana:** Pulima: Geest, J.C.: USNM: 36 [36]; Ingersol, R.: USNM: 1 [1 - 37 - 37].**Total Specimens for 3 March 1968: 38**

4 March 1968

Ghana: Pulima: Geest, J.C.: USNM: 12 [12 - 12 - 12].

Total Specimens for 4 March 1968: 12

5 March 1968

Ghana: Bangwon: Geest, J.C.: USNM: 4 [4 - 4] - Pulima: Geest, J.C.: USNM: 1 [1 - 1 - 5].**Total Specimens for 5 March 1968: 5**

7 March 1968

Ghana: Pulima: Geest, J.C.: USNM: 1 [1 - 1 - 1].**Total Specimens for 7 March 1968: 1**

9 March 1968

Ghana: Bangwon: Geest, J.C.: USNM: 32 [32 - 32 - 32].**Total Specimens for 9 March 1968: 32**

11 March 1968

Ghana: Bangwon: Geest, J.C.: USNM: 8 [8 - 8 - 8].**Total Specimens for 11 March 1968: 8**

14 March 1968

Lesotho: Fort Hartley, 10 mi NE [=Quthing, 10 mi NE]: Lambrechts, A.V.W.: USNM: 1 [1 - 1 - 1].**Total Specimens for 14 March 1968: 1**

15 March 1968

Ghana: Sakpa: Geest, J.C.: USNM: 6 [6 - 6 - 6].**Lesotho:** Fort Hartley, 10 mi NE [=Quthing, 10 mi NE]: Lambrechts, A.V.W.: USNM: 8 [8 - 8 - 8].**Total Specimens for 15 March 1968: 14**

16 March 1968

Ghana: Pulima: Geest, J.C.: USNM: 1 [1 - 1] - Sakpa: Geest, J.C.: USNM: 42 [42 - 42 - 43].
Tanzania: Manyara, Lake: ?: Collector Unknown: BMNH: 1 [1 - 1 - 1].**Total Specimens for 16 March 1968: 44**

17 March 1968

Ghana: Sakpa: Geest, J.C.: USNM: 5 [5 - 5 - 5].**Total Specimens for 17 March 1968: 5**

18 March 1968

Ghana: Sakpa: Geest, J.C.: USNM: 28 [28 - 28 - 28].**Total Specimens for 18 March 1968: 28**

21 March 1968

Ghana: Sakpa: Geest, J.C.: USNM: 3 [3 - 3 - 3].**Kenya:** Archer's Post: Williams, John G.: ROM: 1 [1 - 1 - 1].**Total Specimens for 21 March 1968: 4**

25 March 1968

Kenya: Mtito Andei: ?: Collector Unknown: ROM: 1 [1 - 1 - 1].**Total Specimens for 25 March 1968: 1**

28 March 1968

South Africa: Mansia Valley: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 28 March 1968: 1

8 April 1968

Ghana: Yabraso: Geest, J.C.: USNM: 1 [1 - 1 - 1].

Total Specimens for 8 April 1968: 1

10 April 1968

Rwanda: Simbi cave: Anciaux de Faveaux, Michel: KBIN: 1 [1 - 1 - 1].

Total Specimens for 10 April 1968: 1

11 April 1968

Ghana: Yabraso: Geest, J.C.: USNM: 2 [2 - 2 - 2].

Total Specimens for 11 April 1968: 2

14 April 1968

Benin: Zizonkame: LeDuc, J.W.: USNM: 8 [8 - 8 - 8].

Ghana: Nabogo: Geest, J.C.: USNM: 4 [4 - 4 - 4].

Total Specimens for 14 April 1968: 12

15 April 1968

Benin: Zizonkame: LeDuc, J.W.: USNM: 4 [4]; Robbins, C. Brian: USNM: 1 [1 - 5 - 5].

Ghana: Nabogo: Geest, J.C.: USNM: 4 [4 - 4 - 4].

Total Specimens for 15 April 1968: 9

16 April 1968

Benin: Zizonkame: LeDuc, J.W.: USNM: 4 [4]; Robbins, C. Brian: USNM: 3 [3 - 7 - 7].

Total Specimens for 16 April 1968: 7

17 April 1968

Benin: Zizonkame: Robbins, C. Brian: USNM: 4 [4 - 4 - 4].

Total Specimens for 17 April 1968: 4

18 April 1968

Benin: Zizonkame: LeDuc, J.W.: USNM: 4 [4]; Robbins, C. Brian: USNM: 1 [1 - 5 - 5].

Total Specimens for 18 April 1968: 5

19 April 1968

South Africa: Graaff Reinet, 23 mi SE: Lambrechts, A.V.W.: USNM: 1 [1 - 1 - 1].

Total Specimens for 19 April 1968: 1

21 April 1968

Benin: Soubroukou: LeDuc, J.W.: USNM: 4 [4]; Robbins, C. Brian: USNM: 4 [4 - 8 - 8].

Total Specimens for 21 April 1968: 8

22 April 1968

Benin: Soubroukou: Robbins, C. Brian: USNM: 1 [1 - 1 - 1].

Total Specimens for 22 April 1968: 1

23 April 1968

Benin: Soubroukou: Robbins, C. Brian: USNM: 1 [1 - 1 - 1].

Total Specimens for 23 April 1968: 1

24 April 1968

Benin: Soubroukou: Robbins, C. Brian: USNM: 2 [2 - 2 - 2].

Total Specimens for 24 April 1968: 2

25 April 1968

Somalia: Giohar: Lanza, Benedetto: MZUF: 1 [1 - 1 - 1].

Total Specimens for 25 April 1968: 1

28 April 1968

Ethiopia: Abaya, W coast lake: ?: Collector Unknown: MNHN: 2 [2 - 2 - 2].

Total Specimens for 28 April 1968: 2

29 April 1968

Zimbabwe: Umtali mine adit [=Umtali Old mine]: van der Merwe, Mac. (Dr.): TM: 1 [1 - 1 - 1].

Total Specimens for 29 April 1968: 1

7 May 1968

Benin: Porga: LeDuc, J.W.: USNM: 1 [1]; Robbins, C. Brian: USNM: 1 [1 - 2 - 2].

Total Specimens for 7 May 1968: 2

8 May 1968

Ghana: Gambaga: Geest, J.C.: USNM: 3 [3 - 3 - 3].

Total Specimens for 8 May 1968: 3

10 May 1968

Togo: Dapango: LeDuc, J.W.: USNM: 1 [1]; Robbins, C. Brian: USNM: 2 [2 - 3 - 3].

Total Specimens for 10 May 1968: 3

11 May 1968

Togo: Dapango: LeDuc, J.W.: USNM: 4 [4 - 4 - 4].

Total Specimens for 11 May 1968: 4

13 May 1968

Madagascar: Ampara Fara: Hoogstraal, Harry H. and Uilenberg, G.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 13 May 1968: 1

14 May 1968

Madagascar: Ampara Fara: Hoogstraal, Harry H. and Uilenberg, G.: FMNH: 2 [2 - 2 - 2].

Total Specimens for 14 May 1968: 2

16 May 1968

Ghana: Sakpa: Geest, J.C.: USNM: 1 [1 - 1 - 1].

Togo: Padori: LeDuc, J.W.: USNM: 1 [1 - 1 - 1].

Total Specimens for 16 May 1968: 2

19 May 1968

Togo: Padori: Robbins, C. Brian: USNM: 1 [1 - 1 - 1].

Total Specimens for 19 May 1968: 1

22 May 1968

Togo: Pewa: LeDuc, J.W.: USNM: 2 [2 - 2 - 2].**Total Specimens for 22 May 1968: 2**

24 May 1968

Togo: Pewa: LeDuc, J.W.: USNM: 3 [3]; Robbins, C. Brian: USNM: 1 [1 - 4 - 4].**Total Specimens for 24 May 1968: 4**

25 May 1968

Togo: Pewa: LeDuc, J.W.: USNM: 1 [1 - 1 - 1].**Total Specimens for 25 May 1968: 1**

1 June 1968

Madagascar: Perinet, 1 mi S: Williams, A.E.: ROM: 1 [1 - 1 - 1].**Total Specimens for 1 June 1968: 1**

4 June 1968

Uganda: Budongo Forest: Williams, John G.: ROM: 1 [1 - 1 - 1].**Total Specimens for 4 June 1968: 1**

6 June 1968

Uganda: Budongo Forest: Shortt: ROM: 1 [1 - 1 - 1].**Total Specimens for 6 June 1968: 1**

14 June 1968

Ethiopia: Agaro: ?: Collector Unknown: MNHN: 1 [1 - 1 - 1].**Total Specimens for 14 June 1968: 1**

15 June 1968

Uganda: Waisoke river: ?: Collector Unknown: ROM: 3 [3 - 3 - 3].**Total Specimens for 15 June 1968: 3**

18 June 1968

Ghana: Sakpa: Geest, J.C.: USNM: 1 [1 - 1 - 1].**Total Specimens for 18 June 1968: 1**

19 June 1968

Uganda: Budongo Forest: ?: Collector Unknown: ROM: 2 [2 - 2] - Sonsor river: ?: Collector Unknown: ROM: 5 [5 - 5 - 7].**Total Specimens for 19 June 1968: 7**

20 June 1968

Togo: Paio: ?: Collector Unknown: RMCA: 1 [1 - 1 - 1].**Total Specimens for 20 June 1968: 1**

21 June 1968

Benin: Kpodave: Robbins, C. Brian: USNM: 1 [1 - 1 - 1].**Total Specimens for 21 June 1968: 1**

23 June 1968

Côte d'Ivoire: Adiopodoumé: De Vree, Frits and De Roo, Antoon: RMCA: 4 [4 - 4 - 4].

Kenya: Naivasha, 10 mi W: Hayward, Bruce J.: USNM: 2 [2 - 2 - 2].

Uganda: Budongo Forest: Williams, S.H.: ROM: 1 [1 - 1 - 1].

Total Specimens for 23 June 1968: 7

29 June 1968

Kenya: Karen: Hayward, Bruce J.: USNM: 1 [1 - 1 - 1].

Total Specimens for 29 June 1968: 1

1 July 1968

Togo: Ezimé: Robbins, C. Brian: USNM: 2 [2 - 2 - 2].

Total Specimens for 1 July 1968: 2

2 July 1968

Togo: Ezimé: Robbins, C. Brian: USNM: 1 [1 - 1 - 1].

Total Specimens for 2 July 1968: 1

4 July 1968

Togo: Ezimé: Robbins, C. Brian: USNM: 1 [1 - 1 - 1].

Total Specimens for 4 July 1968: 1

5 July 1968

Kenya: Kiboko: Hayward, Bruce J.: USNM: 1 [1 - 1 - 1].

Togo: Ezimé: Robbins, C. Brian: USNM: 2 [2 - 2 - 2].

Total Specimens for 5 July 1968: 3

8 July 1968

Togo: Agou: LeDuc, J.W.: USNM: 1 [1 - 1 - 1].

Total Specimens for 8 July 1968: 1

11 July 1968

Kenya: Kinu: Sillu, David M.: RMCA: 4 [4 - 4 - 4].

Togo: Agou: Robbins, C. Brian: USNM: 1 [1 - 1 - 1].

Zimbabwe: Pungwe-Ruva confluence: ?: Collector Unknown: NHMZ: 3 [3 - 3 - 3].

Total Specimens for 11 July 1968: 8

12 July 1968

Kenya: Kibwezi: Hayward, Bruce J.: USNM: 1 [1 - 1 - 1].

Total Specimens for 12 July 1968: 1

14 July 1968

Kenya: Machakos district: Sillu, David M.: RMCA: 2 [2 - 2 - 2].

Total Specimens for 14 July 1968: 2

16 July 1968

Kenya: Karen, 10 mi SW: Hayward, Bruce J.: USNM: 2 [2 - 2 - 2].

Total Specimens for 16 July 1968: 2

18 July 1968

Kenya: Karen, 10 mi SW: Hayward, Bruce J.: USNM: 5 [5 - 5 - 5].

Total Specimens for 18 July 1968: 5

26 July 1968

Kenya: Lokiri: Coe, M.J. (dr.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 26 July 1968: 1

27 July 1968

Kenya: Kitale: Hayward, Bruce J.: USNM: 1 [1 - 1 - 1].

Total Specimens for 27 July 1968: 1

29 July 1968

Kenya: Kitale, 12 mi W: Hayward, Bruce J.: USNM: 1 [1 - 1 - 1].

Total Specimens for 29 July 1968: 1

30 July 1968

Kenya: Kitale, 12 mi W: Hayward, Bruce J.: USNM: 1 [1 - 1 - 1].

Total Specimens for 30 July 1968: 1

3 August 1968

Somalia: Giohar: ?: Collector Unknown: MZUF: 1 [1 - 1 - 1].

Total Specimens for 3 August 1968: 1

4 August 1968

Somalia: Giohar: ?: Collector Unknown: MZUF: 1 [1 - 1 - 1].

Total Specimens for 4 August 1968: 1

5 August 1968

Somalia: Giohar: ?: Collector Unknown: MZUF: 1 [1 - 1 - 1].

Uganda: Amudat: Hayward, Bruce J.: USNM: 3 [3 - 3 - 3].

Total Specimens for 5 August 1968: 4

6 August 1968

Somalia: Giohar: ?: Collector Unknown: MZUF: 2 [2 - 2 - 2].

Uganda: Amudat: Hayward, Bruce J.: USNM: 2 [2 - 2 - 2].

Total Specimens for 6 August 1968: 4

11 August 1968

Kenya: Kitale: Hayward, Bruce J.: USNM: 1 [1 - 1 - 1].

Total Specimens for 11 August 1968: 1

13 August 1968

Togo: Nanergou: De Vree, Frits: RMCA: 1 [1 - 1 - 1].

Total Specimens for 13 August 1968: 1

14 August 1968

Togo: Nanergou: De Vree, Frits: RMCA: 1 [1 - 1 - 1].

Total Specimens for 14 August 1968: 1

15 August 1968

Ethiopia: Mabil, 10 km W: Morris, P. - [Great Abbai Expedition]: BMNH: 2 [2 - 2 - 2].

Ghana: Lovi Camp: Cheke, R.A.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 15 August 1968: 3

17 August 1968

Togo: Dapango:?: Collector Unknown: RMCA: 1 [1 - 1 - 1].

Total Specimens for 17 August 1968: 1

18 August 1968

Ethiopia: Mabil: Morris, P. - [Great Abbai Expedition]: BMNH: 5 [5 - 5] - Mabil, 10 km W: Morris, P. - [Great Abbai Expedition]: BMNH: 1 [1 - 1 - 6].

Total Specimens for 18 August 1968: 6

19 August 1968

Ethiopia: Mabil, 10 km W: Morris, P. - [Great Abbai Expedition]: BMNH: 2 [2 - 2 - 2].

Total Specimens for 19 August 1968: 2

22 August 1968

Togo: Baoulé:?: Collector Unknown: RMCA: 1 [1 - 1 - 1].

Total Specimens for 22 August 1968: 1

24 August 1968

Kenya: Maji Mota: Hayward, Bruce J.: USNM: 2 [2 - 2 - 2].

Total Specimens for 24 August 1968: 2

25 August 1968

Ghana: Sawla, 15 mi E: Cheke, R.A.: BMNH: 3 [3 - 3 - 3].

Kenya: Maji Mota: Hayward, Bruce J.: USNM: 1 [1 - 1 - 1].

Total Specimens for 25 August 1968: 4

28 August 1968

Ghana: Sawla, 15 mi E: Cheke, R.A.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 28 August 1968: 1

29 August 1968

Togo: Binaparba:?: Collector Unknown: RMCA: 1 [1 - 1 - 1].

Total Specimens for 29 August 1968: 1

3 September 1968

Ghana: Damongo, 1 mi NE: Cheke, R.A.: BMNH: 5 [5 - 5 - 5].

Total Specimens for 3 September 1968: 5

7 September 1968

Somalia: Giohar:?: Collector Unknown: MZUF: 2 [2 - 2 - 2].

Total Specimens for 7 September 1968: 2

23 September 1968

Ghana: Legon [Botanical Garden]: Robbins, Lynn W.: USNM: 1 [1 - 1 - 1].

Total Specimens for 23 September 1968: 1

24 September 1968

Ghana: Legon [Botanical Garden]: Vaden, R.E.: USNM: 1 [1 - 1 - 1].

Total Specimens for 24 September 1968: 1

25 September 1968

Ethiopia: Awash national park: Morris, P. - [Great Abbai Expedition]: BMNH: 2 [2 - 2 - 2].

Total Specimens for 25 September 1968: 2

27 September 1968

Ethiopia: Awash national park: Morris, P. - [Great Abbai Expedition]: BMNH: 1 [1 - 1 - 1].

Total Specimens for 27 September 1968: 1

28 September 1968

Ethiopia: Awash national park: Morris, P. - [Great Abbai Expedition]: BMNH: 4 [4 - 4 - 4].

Total Specimens for 28 September 1968: 4

1 October 1968

Ghana: Legon [Botanical Garden]: Vaden, R.E.: USNM: 3 [3 - 3 - 3].

Total Specimens for 1 October 1968: 3

7 October 1968

Ghana: Legon [Botanical Garden]: Robbins, Lynn W.: USNM: 1 [1 - 1 - 1].

Total Specimens for 7 October 1968: 1

11 October 1968

Tanzania: Meru, mount: Vesey-FitzGerald, L.D.E.F. (Col.): BMNH: 2 [2 - 2 - 2].

Total Specimens for 11 October 1968: 2

13 October 1968

Ghana: Oda: Setzer, H.W.: USNM: 1 [1 - 1 - 1].

Total Specimens for 13 October 1968: 1

22 October 1968

Kenya: Ruivi: Baum, H.: SMF: 1 [1 - 1 - 1].

Total Specimens for 22 October 1968: 1

9 November 1968

Burkina Faso: Nobéré, 9 mi S: Vaden, R.E.: USNM: 2 [2 - 2 - 2].

Total Specimens for 9 November 1968: 2

10 November 1968

Burkina Faso: Nobéré, 9 mi S: Vaden, R.E.: USNM: 2 [2 - 2 - 2].

Total Specimens for 10 November 1968: 2

14 November 1968

Burkina Faso: Arly National Park: Vaden, R.E.: USNM: 39 [39 - 39 - 39].

Total Specimens for 14 November 1968: 39

18 November 1968

Burkina Faso: Goden: Vaden, R.E.: USNM: 30 [30 - 30 - 30].

Total Specimens for 18 November 1968: 30

19 November 1968

Burkina Faso: Goden: Vaden, R.E.: USNM: 5 [5 - 5 - 5].**Total Specimens for 19 November 1968: 5**

28 November 1968

Cote D'Ivoire: Banco, forêt de: LeDuc, J.W.: USNM: 6 [6 - 6 - 6].**Total Specimens for 28 November 1968: 6**

6 December 1968

Côte d'Ivoire: Adiopodoumé: LeDuc, J.W.: USNM: 1 [1 - 1 - 1].**Total Specimens for 6 December 1968: 1**

10 December 1968

Burkina Faso: Natiaboani: Vaden, R.E.: USNM: 20 [20 - 20 - 20].**Total Specimens for 10 December 1968: 20**

11 December 1968

Burkina Faso: Natiaboani: Vaden, R.E.: USNM: 31 [31 - 31 - 31].**Cote D'Ivoire:** Yapo-Sud: Robbins, Lynn W.: USNM: 3 [3 - 3 - 3].**Total Specimens for 11 December 1968: 34**

12 December 1968

Burkina Faso: Natiaboani: Vaden, R.E.: USNM: 67 [67 - 67 - 67].**Total Specimens for 12 December 1968: 67**

13 December 1968

Cote D'Ivoire: Yapo-Sud: Robbins, Lynn W.: USNM: 1 [1 - 1 - 1].**Total Specimens for 13 December 1968: 1**

14 December 1968

"Africa": Unknown locality: Prigogine, A.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 14 December 1968: 1**

17 December 1968

South Africa: Godeni, E: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 17 December 1968: 1**

22 December 1968

Cote D'Ivoire: Jacqueline: LeDuc, J.W.: USNM: 2 [2 - 2 - 2].**Ghana:** Ankasi: Mensah, P.E.: ROM: 10 [10 - 10 - 10].**Total Specimens for 22 December 1968: 12**

1 January 1969

Burundi: Mpinga: Niort, P.L.: MHNG: 2 [2 - 2 - 2].**Ethiopia:** Abiata, lake, E coast: Largen, M.J.: SMF: 1 [1 - 1 - 1].**Total Specimens for 1 January 1969: 3**

3 January 1969

Burundi: Nyakanda: Niort, P.L.: MHNG: 3 [3 - 3 - 3].

Total Specimens for 3 January 1969: 3

5 January 1969

Ghana: Bekwai Ash: Mensah, P.E.: ROM: 3 [3 - 3 - 3].

Total Specimens for 5 January 1969: 3

12 January 1969

Cote D'Ivoire: Ehania: LeDuc, J.W.: USNM: 2 [2]; Robbins, Lynn W.: USNM: 1 [1 - 3 - 3].

Total Specimens for 12 January 1969: 3

16 January 1969

Ghana: Kumari, 17 mi from: Mensah, P.E.: ROM: 2 [2 - 2 - 2].

Total Specimens for 16 January 1969: 2

18 January 1969

Cote D'Ivoire: Blekoum: LeDuc, J.W.: USNM: 1 [1 - 1 - 1].

Total Specimens for 18 January 1969: 1

25 January 1969

Burkina Faso: Tatarko: Vaden, R.E.: USNM: 15 [15 - 15 - 15].

Total Specimens for 25 January 1969: 15

26 January 1969

Burkina Faso: Tatarko: Vaden, R.E.: USNM: 1 [1 - 1 - 1].

Total Specimens for 26 January 1969: 1

9 February 1969

Kenya: Shimba Hills: ?: Collector Unknown: ROM: 1 [1 - 1 - 1].

Total Specimens for 9 February 1969: 1

10 February 1969

Burkina Faso: Gorgadji, 17 km E: Vaden, R.E.: USNM: 1 [1 - 1 - 1].

Total Specimens for 10 February 1969: 1

18 February 1969

Kenya: Shimba Hills: ?: Collector Unknown: ROM: 1 [1 - 1 - 1].

Total Specimens for 18 February 1969: 1

19 February 1969

Kenya: Shimba Hills: ?: Collector Unknown: ROM: 1 [1 - 1 - 1].

Total Specimens for 19 February 1969: 1

22 February 1969

Burkina Faso: Dio: Vaden, R.E.: USNM: 9 [9 - 9 - 9].

Total Specimens for 22 February 1969: 9

27 February 1969

Cote D'Ivoire: Niebe: Robbins, Lynn W.: USNM: 1 [1 - 1 - 1].

Total Specimens for 27 February 1969: 1

1 March 1969

Cote D'Ivoire: Kahin: LeDuc, J.W.: USNM: 1 [1 - 1 - 1].**Total Specimens for 1 March 1969: 1**

2 March 1969

Burkina Faso: Barga, 9 km NE: Vaden, R.E.: USNM: 1 [1 - 1 - 1].**Total Specimens for 2 March 1969: 1**

3 March 1969

Cote D'Ivoire: Kahin: Robbins, Lynn W.: USNM: 1 [1 - 1 - 1].**Total Specimens for 3 March 1969: 1**

4 March 1969

Kenya: Tiwi Beach: Williams, John G.: ROM: 1 [1 - 1 - 1].**Total Specimens for 4 March 1969: 1**

5 March 1969

Cote D'Ivoire: Kahin: LeDuc, J.W.: USNM: 1 [1]; Robbins, Lynn W.: USNM: 1 [1 - 2 - 2].**Total Specimens for 5 March 1969: 2**

7 March 1969

Cote D'Ivoire: Tyenko: LeDuc, J.W.: USNM: 2 [2 - 2 - 2].**Total Specimens for 7 March 1969: 2**

9 March 1969

Namibia: Windhoek: Mittendorf, H.: ZFMK: 3 [3 - 3 - 3].**Total Specimens for 9 March 1969: 3**

17 March 1969

Burkina Faso: Nayouré: Vaden, R.E.: USNM: 1 [1 - 1] - Nayouré, 3 km SE: Vaden, R.E.: USNM: 31 [31 - 31 - 32].**Total Specimens for 17 March 1969: 32**

23 March 1969

Burkina Faso: Ougarou: Vaden, R.E.: USNM: 1 [1 - 1 - 1].**Total Specimens for 23 March 1969: 1**

30 March 1969

Nigeria: Malamfatori: Kemp, G.E.: USNM: 1 [1 - 1 - 1].**Total Specimens for 30 March 1969: 1**

31 March 1969

Senegal: Richard Toll: Chateau, R.: MNHN: 1 [1 - 1 - 1].**Total Specimens for 31 March 1969: 1**

11 April 1969

South Africa: Farm Commissiesdrift 327JQ [=Commisiondrift]: Pretorius, J.J.L.: USNM: 2 [2 - 2 - 2].**Total Specimens for 11 April 1969: 2**

18 April 1969

Côte d'Ivoire: Adiopodoumé: Robbins, Lynn W.: USNM: 1 [1 - 1 - 1].

Total Specimens for 18 April 1969: 1

20 April 1969

Kenya: Archer's Post: Kyongo, Robert N.: ROM: 11 [11 - 11 - 11].

Total Specimens for 20 April 1969: 11

22 April 1969

Côte d'Ivoire: Adiopodoumé: LeDuc, J.W.: USNM: 1 [1]; Robbins, Lynn W.: USNM: 1 [1 - 2 - 2].
South Africa: Thabazimbi, 16 mi SE: Graubner, O.F.: USNM: 10 [10 - 10 - 10].

Total Specimens for 22 April 1969: 12

27 April 1969

Burkina Faso: Ouagadougou: Vaden, R.E.: USNM: 1 [1 - 1 - 1].

Total Specimens for 27 April 1969: 1

3 May 1969

Burkina Faso: Oulo: LeDuc, J.W.: USNM: 1 [1]; Vaden, R.E.: USNM: 71 [71 - 72 - 72].

Total Specimens for 3 May 1969: 72

4 May 1969

Burkina Faso: Oulo: Vaden, R.E.: USNM: 30 [30 - 30 - 30].

Total Specimens for 4 May 1969: 30

6 May 1969

Burkina Faso: Konankira: Vaden, R.E.: USNM: 22 [22 - 22] - Oulo: Vaden, R.E.: USNM: 1 [1 - 1 - 23].
Zimbabwe: Mashunga Hande Dam: Smithers, R.H.N.: HZM: 1 [1 - 1 - 1].

Total Specimens for 6 May 1969: 24

12 May 1969

Burkina Faso: Founzan: Vaden, R.E.: USNM: 1 [1 - 1 - 1].

Cote D'Ivoire: Tule: LeDuc, J.W.: USNM: 1 [1 - 1 - 1].

Total Specimens for 12 May 1969: 2

14 May 1969

Burkina Faso: Founzan: Vaden, R.E.: USNM: 41 [41 - 41 - 41].

Total Specimens for 14 May 1969: 41

15 May 1969

Cote D'Ivoire: Kong: LeDuc, J.W.: USNM: 26 [26]; Robbins, Lynn W.: USNM: 1 [1 - 27 - 27].

Total Specimens for 15 May 1969: 27

17 May 1969

Burkina Faso: Founzan: Vaden, R.E.: USNM: 5 [5 - 5 - 5].

Total Specimens for 17 May 1969: 5

19 May 1969

Cote D'Ivoire: Kong: Robbins, Lynn W.: USNM: 1 [1 - 1 - 1].

Total Specimens for 19 May 1969: 1

25 May 1969

Ethiopia: Abella: Largen, M.J.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 25 May 1969: 1

29 May 1969

Cote D'Ivoire: Banco, forêt de: LeDuc, J.W.: USNM: 1 [1]; Robbins, Lynn W.: USNM: 1 [1 - 2 - 2].

Total Specimens for 29 May 1969: 2

5 June 1969

Burundi: Busiga: Niort, P.L.: MHNG: 6 [6 - 6 - 6].

Total Specimens for 5 June 1969: 6

6 June 1969

Burundi: Kanyinya: Niort, P.L.: MHNG: 3 [3 - 3 - 3].

Total Specimens for 6 June 1969: 3

7 June 1969

Burundi: Rugari mission: Niort, P.L.: MHNG: 3 [3 - 3 - 3].

Total Specimens for 7 June 1969: 3

8 June 1969

Burundi: Rugari mission: Niort, P.L.: MHNG: 1 [1 - 1 - 1].

Total Specimens for 8 June 1969: 1

12 June 1969

Cote D'Ivoire: Soubre, 10 mi WNW: McIntyre, T.J.: USNM: 1 [1]; Robbins, Lynn W.: USNM: 1 [1 - 2 - 2].

Total Specimens for 12 June 1969: 2

18 June 1969

Burkina Faso: Orodara, 27 km ENE: Vaden, R.E.: USNM: 6 [6 - 6 - 6].

Total Specimens for 18 June 1969: 6

19 June 1969

Burkina Faso: Orodara, 27 km ENE: Vaden, R.E.: USNM: 9 [9 - 9 - 9].

Total Specimens for 19 June 1969: 9

22 June 1969

Burkina Faso: Koutoura, 5 km SW: Vaden, R.E.: USNM: 15 [15 - 15 - 15].

Total Specimens for 22 June 1969: 15

29 June 1969

Burkina Faso: Sideradougou: Vaden, R.E.: USNM: 10 [10 - 10 - 10].

Total Specimens for 29 June 1969: 10

30 June 1969

Burkina Faso: Sideradougou: Vaden, R.E.: USNM: 4 [4 - 4 - 4].

Total Specimens for 30 June 1969: 4

1 July 1969

Cote D'Ivoire: Bouna: Robbins, Lynn W.: USNM: 1 [1 - 1 - 1].

Total Specimens for 1 July 1969: 1

5 July 1969

Cote D'Ivoire: Bouna: McIntyre, T.J.: USNM: 4 [4]; Robbins, Lynn W.: USNM: 3 [3 - 7 - 7].

Total Specimens for 5 July 1969: 7

8 July 1969

Burkina Faso: Djipologo: Vaden, R.E.: USNM: 19 [19 - 19 - 19].

Ethiopia: Rudolf, lake, 10 km NE: Largen, M.J.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 8 July 1969: 20

9 July 1969

Burkina Faso: Djipologo: Vaden, R.E.: USNM: 5 [5 - 5 - 5].

Total Specimens for 9 July 1969: 5

12 July 1969

Ghana: Achimota: ?: Collector Unknown: ROM: 1 [1 - 1 - 1].

Total Specimens for 12 July 1969: 1

14 July 1969

Cote D'Ivoire: Fetekro: Robbins, Lynn W.: USNM: 1 [1 - 1 - 1].

Total Specimens for 14 July 1969: 1

16 July 1969

Cote D'Ivoire: Fetekro: Robbins, Lynn W.: USNM: 2 [2 - 2 - 2].

Total Specimens for 16 July 1969: 2

17 July 1969

Cote D'Ivoire: Fetekro: McIntyre, T.J.: USNM: 2 [2 - 2 - 2].

Total Specimens for 17 July 1969: 2

20 July 1969

Togo: Aledjo: ?: Collector Unknown: RMCA: 1 [1 - 1] - Pewa: ?: Collector Unknown: RMCA: 2 [2 - 2 - 3].

Total Specimens for 20 July 1969: 3

21 July 1969

Togo: Niamtougou: ?: Collector Unknown: RMCA: 1 [1 - 1 - 1].

Total Specimens for 21 July 1969: 1

23 July 1969

Togo: Niamtougou: ?: Collector Unknown: RMCA: 1 [1]; De Vree, Frits et al. (Togo 2): RMCA: 1 [1 - 2 - 2].

Total Specimens for 23 July 1969: 2

24 July 1969

Cote D'Ivoire: Banama Blanc: Parelus, D.: FMNH: 1 [1 - 1 - 1].

Togo: Niamtougou: ?: Collector Unknown: RMCA: 2 [2 - 2 - 2].

Total Specimens for 24 July 1969: 3

27 July 1969

Togo: Namoundjoga: ?: Collector Unknown: RMCA: 4 [4 - 4 - 4].

Total Specimens for 27 July 1969: 4

28 July 1969

Togo: Namoundjoga: ?: Collector Unknown: RMCA: 2 [2]; De Vree, Frits et al. (Togo 2): RMCA: 1 [1 - 3 - 3].

Total Specimens for 28 July 1969: 3

29 July 1969

Togo: Namoundjoga: De Vree, Frits et al. (Togo 2): RMCA: 1 [1 - 1 - 1].

Total Specimens for 29 July 1969: 1

31 July 1969

Togo: Namoundjoga: ?: Collector Unknown: RMCA: 8 [8 - 8 - 8].

Total Specimens for 31 July 1969: 8

13 August 1969

Ethiopia: Abaya, lake, West bank: Largen, M.J.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 13 August 1969: 1

17 August 1969

Ghana: Damongo: McIntyre, T.J.: USNM: 6 [6]; Murdoch, W.P. Jr.: USNM: 5 [5 - 11 - 11].

Total Specimens for 17 August 1969: 11

20 August 1969

Somalia: Callis: ?: Collector Unknown: MZUF: 3 [3 - 3 - 3].

Total Specimens for 20 August 1969: 3

25 August 1969

Somalia: Giohar: ?: Collector Unknown: MZUF: 1 [1 - 1 - 1].

Total Specimens for 25 August 1969: 1

26 August 1969

Ghana: Mole Motel: Start, A.N. and Taylor, I.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 26 August 1969: 1

1 September 1969

Ghana: Mole Motel: Start, A.N. and Taylor, I.: BMNH: 3 [3 - 3 - 3].

Total Specimens for 1 September 1969: 3

12 September 1969

Togo: Togoville: ?: Collector Unknown: RMCA: 1 [1 - 1 - 1].

Total Specimens for 12 September 1969: 1

14 September 1969

Kenya: Oleibortoto river: Start, A.N.: BMNH: 3 [3 - 3 - 3].

Total Specimens for 14 September 1969: 3

19 September 1969

Ghana: Kuuni, 48 mi from: Mensah, P.E.: ROM: 1 [1 - 1 - 1].

Total Specimens for 19 September 1969: 1

11 November 1969

Zambia: Mpemba village: Ansell, W.F.H.: AMNH: 2 [2 - 2 - 2].**Total Specimens for 11 November 1969: 2**

19 November 1969

Côte d'Ivoire: Adiopodoumé: De Vree, Frits: RMCA: 1 [1 - 1 - 1].**Total Specimens for 19 November 1969: 1**

26 November 1969

Uganda: Moyo, 10 mi E:?: Collector Unknown: ROM: 2 [2 - 2 - 2].**Total Specimens for 26 November 1969: 2**

27 November 1969

Uganda: Moyo, 10 mi E:?: Collector Unknown: ROM: 1 [1]; Williams, John G.: ROM: 1 [1 - 2 - 2].**Total Specimens for 27 November 1969: 2**

29 November 1969

Uganda: Gulu:?: Collector Unknown: ROM: 2 [2 - 2 - 2].**Total Specimens for 29 November 1969: 2**

1 December 1969

Kenya: Karen: Start, A.N.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 1 December 1969: 1**

5 December 1969

Ghana: Achimota:?: Collector Unknown: ROM: 1 [1 - 1 - 1].**Total Specimens for 5 December 1969: 1**

6 December 1969

Namibia: Gobabeb: Schlitter, Duane A. (dr.): USNM: 4 [4 - 4 - 4].**Total Specimens for 6 December 1969: 4**

8 December 1969

Namibia: Gobabeb: Schlitter, Duane A. (dr.): USNM: 2 [2 - 2 - 2].**Togo:** Borgou: De Vree, Frits and Van der Straeten, Erik: RMCA: 1 [1 - 1 - 1].**Total Specimens for 8 December 1969: 3**

10 December 1969

Togo: Borgou:?: Collector Unknown: RMCA: 2 [2 - 2 - 2].**Total Specimens for 10 December 1969: 2**

11 December 1969

Togo: Borgou: De Vree, Frits and Van der Straeten, Erik: RMCA: 2 [2 - 2 - 2].**Total Specimens for 11 December 1969: 2**

12 December 1969

Togo: Borgou: De Vree, Frits and Van der Straeten, Erik: RMCA: 1 [1 - 1 - 1].

Total Specimens for 12 December 1969: 1

13 December 1969

Ethiopia: Bulcha Forest: Largen, M.J.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 13 December 1969: 1**

29 December 1969

Ethiopia: Gambela: ?: Collector Unknown: SMF: 1 [1 - 1 - 1].**Total Specimens for 29 December 1969: 1**

1 January 1970

Cameroon: Waza: De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 1 [1 - 1 - 1].**Zambia:** Lochinvar ranch: Ansell, W.F.H.: HZM: 1 [1 - 1 - 1].**Total Specimens for 1 January 1970: 2**

5 January 1970

Ghana: Achimota: ?: Collector Unknown: ROM: 1 [1 - 1 - 1].**Total Specimens for 5 January 1970: 1**

6 January 1970

Ghana: Achimota: ?: Collector Unknown: ROM: 3 [3 - 3 - 3].**Total Specimens for 6 January 1970: 3**

10 January 1970

Chad: Djiboulboul: Vielliard, J.: MHNG: 2 [2 - 2 - 2].**Total Specimens for 10 January 1970: 2**

22 January 1970

Cameroon: Kumba: Peterson, Randolph L.: ROM: 3 [3 - 3 - 3].**Total Specimens for 22 January 1970: 3**

24 January 1970

Burundi: Bujumbura: Niort, P.L.: MHNG: 1 [1 - 1 - 1].**Total Specimens for 24 January 1970: 1**

25 January 1970

Cameroon: Kumba, 15 km S: Peterson, Randolph L.: ROM: 1 [1 - 1 - 1].**Total Specimens for 25 January 1970: 1**

26 January 1970

Burundi: Bujumbura: Niort, P.L.: MHNG: 1 [1 - 1 - 1].**Total Specimens for 26 January 1970: 1**

27 January 1970

South Africa: Augrabies Falls National Park: Rautenbach, Ignatius L. (Dr.) [=Naas] and L.J.L: TM: 1 [1 - 1 - 1].**Total Specimens for 27 January 1970: 1**

29 January 1970

South Africa: Augrabies Waterfall Natational Park: ?: Collector Unknown: TM: 2 [2 - 2 - 2].**Total Specimens for 29 January 1970: 2**

30 January 1970

Côte d'Ivoire: Adiopodoumé: Bellier, Louis: RMCA: 1 [1 - 1 - 1].

Total Specimens for 30 January 1970: 1

9 February 1970

Cameroon: Yoko, 34 km S: Peterson, Randolph L.: ROM: 1 [1 - 1 - 1].

Total Specimens for 9 February 1970: 1

10 February 1970

Cameroon: Ndjole, 6 km N: Peterson, Randolph L.: ROM: 1 [1 - 1 - 1].

Ethiopia: Gambela: ?: Collector Unknown: SMF: 1 [1 - 1 - 1].

Total Specimens for 10 February 1970: 2

11 February 1970

Chad: Léré: Vielliard, J.: MHNG: 2 [2 - 2 - 2].

Total Specimens for 11 February 1970: 2

12 February 1970

Cameroon: Bipindi, 10 km W: Peterson, Randolph L.: ROM: 1 [1 - 1 - 1].

Total Specimens for 12 February 1970: 1

13 February 1970

Ethiopia: Gambela: Largen, M.J.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 13 February 1970: 1

17 February 1970

Burundi: Bujumbura: Niort, P.L.: MHNG: 1 [1 - 1 - 1].

Total Specimens for 17 February 1970: 1

18 February 1970

Cameroon: Bipindi, 10 km W: Peterson, Randolph L.: ROM: 1 [1 - 1 - 1].

Zimbabwe: Peterhouse School: Smithers, R.H.N.: HZM: 1 [1 - 1 - 1].

Total Specimens for 18 February 1970: 2

19 February 1970

Cameroon: Bipindi, 10 km W: Peterson, Randolph L., Glen, R. and Imbanyi, P.: ROM: 1 [1 - 1 - 1].

Total Specimens for 19 February 1970: 1

20 February 1970

Cameroon: Kribi, 4 km E: Peterson, Randolph L.: ROM: 1 [1 - 1] - Kribi, 7 km E: Peterson, Randolph L.: ROM: 1 [1 - 1 - 2].

Total Specimens for 20 February 1970: 2

21 February 1970

Cameroon: Kribi, 14 km N: Peterson, Randolph L.: ROM: 2 [2 - 2] - Kribi, 9 km N: Peterson, Randolph L.: ROM: 2 [2 - 2 - 4].

Total Specimens for 21 February 1970: 4

24 February 1970

Zimbabwe: Peterhouse School: Ginn, P.J.G.: NHMZ: 1 [1 - 1 - 1].

Total Specimens for 24 February 1970: 1

1 March 1970

Ethiopia: Didessa river bridge: Lagen, M.J.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 1 March 1970: 1

3 March 1970

Chad: Djiboulboul: Vielliard, J.: MHNG: 3 [3 - 3 - 3].

Total Specimens for 3 March 1970: 3

10 March 1970

Morocco: Foum Zguid: Robbins, Lynn W.: USNM: 1 [1 - 1 - 1].

Zimbabwe: Peterhouse School: Ginn, P.: NHMZ: 1 [1 - 1 - 1].

Total Specimens for 10 March 1970: 2

16 March 1970

Morocco: Tata, 8 km N: Hearst, M.G.: USNM: 2 [2]; Robbins, Lynn W.: USNM: 6 [6 - 8 - 8].

Total Specimens for 16 March 1970: 8

18 March 1970

Chad: Irtou: Vielliard, J.: MHNG: 1 [1 - 1 - 1].

Total Specimens for 18 March 1970: 1

19 March 1970

Zimbabwe: Gleneagles Estate: Irwin, M. Stuart et al.: NHMZ: 1 [1 - 1 - 1].

Total Specimens for 19 March 1970: 1

23 March 1970

Burundi: Makamba: Niort, P.L.: MHNG: 1 [1 - 1 - 1].

Total Specimens for 23 March 1970: 1

25 March 1970

Chad: Maïlao [3 locs]: Vielliard, J.: MHNG: 1 [1 - 1 - 1].

Total Specimens for 25 March 1970: 1

1 April 1970

South Africa: Komatipoort: White, A.G.: TM: 1 [1 - 1] - Komatipoort, 3.2 km N: White, A.G.: TM: 1 [1 - 1 - 2].

Total Specimens for 1 April 1970: 2

13 April 1970

Morocco: Chichaoua, 20 km S: Vaden, R.E.: USNM: 6 [6 - 6 - 6].

Total Specimens for 13 April 1970: 6

15 April 1970

South Africa: Ndumu Game Reserve: ? : Collector Unknown: TM: 3 [3]; Gutteling (Mrs.): TM: 2 [2 - 5 - 5].

Total Specimens for 15 April 1970: 5

26 April 1970

Mozambique: Luabo: Smith: HZM: 1 [1 - 1 - 1].

Total Specimens for 26 April 1970: 1

5 May 1970

Morocco: Tiflet, 21 km W: Hearst, M.G.: USNM: 3 [3]; Robbins, Lynn W.: USNM: 3 [3 - 6 - 6].

Total Specimens for 5 May 1970: 6

9 May 1970

Morocco: Taounate, 15 km WSW: Vaden, R.E.: USNM: 4 [4 - 4 - 4].

Total Specimens for 9 May 1970: 4

11 May 1970

Morocco: Taounate, 15 km WSW: Vaden, R.E.: USNM: 4 [4 - 4 - 4].

Total Specimens for 11 May 1970: 4

12 May 1970

Morocco: Taounate, 15 km WSW: Vaden, R.E.: USNM: 1 [1 - 1 - 1].

Total Specimens for 12 May 1970: 1

17 May 1970

Tanzania: Mara: Jonathan, J.: ROM: 5 [5 - 5 - 5].

Total Specimens for 17 May 1970: 5

18 May 1970

Tanzania: Mara: Jonathan, J.: ROM: 1 [1 - 1] - Mwanihana forest: Jonathan, J.: ROM: 1 [1 - 1 - 2].

Total Specimens for 18 May 1970: 2

24 May 1970

Morocco: Chechaouen: Robbins, Lynn W.: USNM: 1 [1 - 1] - Nador, 20 km SE: Vaden, R.E.: USNM: 1 [1 - 1 - 2].
South Africa: Pietermaritzburg, University Campus, Science block: Wingate, Lloyd R.: TM: 1 [1 - 1 - 1].

Total Specimens for 24 May 1970: 3

31 May 1970

Nigeria: Baga-Kawa: Vielliard, J.: MHNG: 1 [1 - 1 - 1].

Total Specimens for 31 May 1970: 1

1 June 1970

South Africa: Petrusburg: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 1 June 1970: 1

29 June 1970

Cameroon: Muyuna Town: Ngam, V.N.: ROM: 1 [1 - 1 - 1].

Total Specimens for 29 June 1970: 1

7 July 1970

Cameroon: Ekona [=Ekowa]: Ngam, V.N.: ROM: 2 [2 - 2 - 2].

Total Specimens for 7 July 1970: 2

10 July 1970

Côte d'Ivoire: Adiopodoumé: Bellier, Louis: RMCA: 1 [1 - 1 - 1].

Total Specimens for 10 July 1970: 1

11 July 1970

Côte d'Ivoire: Adiopodoumé: Bellier, Louis: RMCA: 23 [23 - **23** - 23].

Total Specimens for 11 July 1970: 23

14 July 1970

Côte d'Ivoire: Adiopodoumé: Bellier, Louis: RMCA: 1 [1 - 1 - 1].

Total Specimens for 14 July 1970: 1

15 July 1970

Côte d'Ivoire: Adiopodoumé: Bellier, Louis: RMCA: 1 [1 - 1 - 1].

Total Specimens for 15 July 1970: 1

16 July 1970

Morocco: Tata, 8 km N: Hearst, M.G.: USNM: 1 [1 - 1 - 1].

Total Specimens for 16 July 1970: 1

17 July 1970

Chad: Bebedjia: ?: Collector Unknown: ZMA: 2 [2]; Lourens, J.H.: ZMA: 9 [9 - 11 - 11].

Total Specimens for 17 July 1970: 11

18 July 1970

Morocco: Ouarzazate, 19 km E: Hearst, M.G.: USNM: 13 [13]; Robbins, Lynn W.: USNM: 12 [12 - 25 - 25].

Total Specimens for 18 July 1970: 25

19 July 1970

Morocco: Ouarzazate, 19 km E: Hearst, M.G.: USNM: 12 [12]; Robbins, Lynn W.: USNM: 12 [12 - 24 - 24].

Total Specimens for 19 July 1970: 24

22 July 1970

Kenya: Kinu: Sillu, David M.: RMCA: 6 [6 - 6 - 6].

Total Specimens for 22 July 1970: 6

24 July 1970

South Africa: TSD Sugar Estate No.3 Section: White, A.G.: TM: 23 [23 - **23** - 23].

Total Specimens for 24 July 1970: 23

26 July 1970

Chad: Fort Archambault: Vielliard, J.: MHNG: 1 [1 - 1 - 1].

Total Specimens for 26 July 1970: 1

27 July 1970

Cameroon: Waza: De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 1 [1 - 1 - 1].

South Africa: TSD Sugar Estate No.3 Section: White, A.G.: TM: 1 [1 - 1 - 1].

Total Specimens for 27 July 1970: 2

4 August 1970

Somalia: Giohar: Granchi, E.; Lanza, Benedetto and Innoc: MZUF: 1 [1 - 1 - 1].

Total Specimens for 4 August 1970: 1

10 August 1970

Congo (Democratic Republic of the): Kibumba [4 locs]: Celis, E.P. and Lejeune: RMCA: 1 [1 - 1 - 1].

Total Specimens for 10 August 1970: 1

13 August 1970

Chad: Bebedjia: ?: Collector Unknown: ZMA: 1 [1]; Lourens, J.H.: ZMA: 1 [1 - 2 - 2].

Total Specimens for 13 August 1970: 2

16 August 1970

Somalia: Ola Uager: ?: Collector Unknown: MZUF: 1 [1 - 1 - 1].

Total Specimens for 16 August 1970: 1

19 August 1970

Chad: Bebedjia: ?: Collector Unknown: ZMA: 1 [1 - 1 - 1].

Total Specimens for 19 August 1970: 1

20 August 1970

Chad: Bebedjia: Lourens, J.H.: ZMA: 1 [1 - 1 - 1].

Total Specimens for 20 August 1970: 1

21 August 1970

Chad: Bebedjia: ?: Collector Unknown: ZMA: 1 [1 - 1 - 1].

Total Specimens for 21 August 1970: 1

18 September 1970

Morocco: Ouarzazate, 19 km E: Hearst, M.G.: USNM: 1 [1 - 1 - 1].

Total Specimens for 18 September 1970: 1

20 September 1970

South Africa: Pongoland: Wessels: TM: 2 [2 - 2 - 2].

Total Specimens for 20 September 1970: 2

25 September 1970

South Africa: Pongola, 9 Jan Kemlaan: ?: Collector Unknown: TM: 4 [4 - 4 - 4].

Total Specimens for 25 September 1970: 4

29 September 1970

Namibia: Kongola ferry area: Kemp, H.: TM: 1 [1 - 1 - 1].

Total Specimens for 29 September 1970: 1

7 October 1970

Namibia: Sangwali: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

Total Specimens for 7 October 1970: 1

14 October 1970

Namibia: Rehderstal ranch: Van Gelder, R.G.: AMNH: 2 [2 - 2 - 2].

Total Specimens for 14 October 1970: 2

21 October 1970

Ethiopia: Abiata, lake, E coast: Largen, M.J.: BMNH: 1 [1 - 1 - 1].

South Africa: Pongola, 9 Jan Kemlaan: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 21 October 1970: 2

23 October 1970

Cote D'Ivoire: Gueboua: Bellier, Louis: RMCA: 3 [3 - 3 - 3].**Total Specimens for 23 October 1970: 3**

2 November 1970

Kenya: Kisii: Ingle, W.J.E.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 2 November 1970: 1**

9 November 1970

Algeria: Hassi Kalifa: Verheyden, Mme and Fairon, Jacques: KBIN: 1 [1 - 1 - 1].**Total Specimens for 9 November 1970: 1**

13 November 1970

Cameroon: Nkommetou: De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 2 [2 - 2 - 2].**Total Specimens for 13 November 1970: 2**

18 November 1970

Kenya: Gibraltar island: Friedman, R. and Williams, J.G.: AMNH: 3 [3 - 3 - 3].**Zimbabwe:** Rainham: Smithers, R.H.N.: HZM: 1 [1 - 1 - 1].**Total Specimens for 18 November 1970: 4**

23 November 1970

Cameroon: Gueme: De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 86 [86 - 86 - 86].**Total Specimens for 23 November 1970: 86**

27 November 1970

Cameroon: Gueme: De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 49 [49 - 49 - 49].**Uganda:** Fort Portal: Friedman, R. and Williams, J.G.: AMNH: 1 [1 - 1 - 1].**Total Specimens for 27 November 1970: 50**

29 November 1970

Uganda: Budongo Forest: Friedman, R. and Williams, J.G.: AMNH: 1 [1 - 1 - 1].**Total Specimens for 29 November 1970: 1**

30 November 1970

Cameroon: Yagoua: De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 1 [1 - 1 - 1].**Ethiopia:** Bahadu: Lagen, M.J.: SMF: 12 [12 - 12] - Koka: Lagen, M.J.: SMF: 4 [4 - 4 - 16].**Total Specimens for 30 November 1970: 17**

1 December 1970

Cameroon: Yagoua: ?: Collector Unknown: RMCA: 1 [1]; De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 2 [2 - 3 - 3].**Total Specimens for 1 December 1970: 3**

2 December 1970

Cameroon: Yagoua: ?: Collector Unknown: RMCA: 2 [2]; De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 1 [1 - 3 - 3].**Total Specimens for 2 December 1970: 3**

3 December 1970

Cameroon: Yagoua: ?: Collector Unknown: RMCA: 12 [12]; De Vree, Frits: RMCA: 1 [1 - 13 - 13].

Total Specimens for 3 December 1970: 13

4 December 1970

Cameroon: Yagoua: De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 2 [2 - 2 - 2].

Total Specimens for 4 December 1970: 2

8 December 1970

Cameroon: Mangamba: Ngam, V.N.: ROM: 1 [1 - 1 - 1].

Total Specimens for 8 December 1970: 1

10 December 1970

Cameroon: Malende Swamp area: Ngam, V.N.: ROM: 4 [4 - 4 - 4].

Total Specimens for 10 December 1970: 4

12 December 1970

Cameroon: Sir: De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 1 [1 - 1 - 1].

Tanzania: Gombe Stream National Park: Howell, K.M. and Wrangham, R.W.: BMNH: 1 [1 - 1] - Ruanda farm: Kingdon, Jonathan: HZM: 3 [3 - 3 - 4].

Total Specimens for 12 December 1970: 5

13 December 1970

Cameroon: Mangamba: Ngam, V.N.: ROM: 2 [2 - 2] - Sir: De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 7 [7 - 7 - 9].

Tanzania: Ruanda farm: Kingdon, Jonathan: HZM: 1 [1 - 1 - 1].

Total Specimens for 13 December 1970: 10

15 December 1970

Cameroon: Mokolo: ?: Collector Unknown: RMCA: 1 [1 - 1 - 1].

Total Specimens for 15 December 1970: 1

16 December 1970

Cameroon: Mokolo: ?: Collector Unknown: RMCA: 1 [1 - 1 - 1].

Total Specimens for 16 December 1970: 1

17 December 1970

Cameroon: Mokolo: ?: Collector Unknown: RMCA: 6 [6 - 6 - 6].

Tanzania: Ruanda farm: Kingdon, Jonathan: HZM: 1 [1 - 1 - 1].

Total Specimens for 17 December 1970: 7

18 December 1970

Cameroon: Mokolo: ?: Collector Unknown: RMCA: 5 [5]; De Vree, Frits: RMCA: 1 [1]; De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 1 [1 - 7 - 7].

Total Specimens for 18 December 1970: 7

19 December 1970

Cameroon: Mokolo: ?: Collector Unknown: RMCA: 2 [2]; De Vree, Frits; Hulselmans, Jan; and Gevaerts: RMCA: 1 [1 - 3 - 3].

Total Specimens for 19 December 1970: 3

20 December 1970

Cameroon: Mangamba: Ngam, V.N.: ROM: 1 [1 - 1 - 1].

Total Specimens for 20 December 1970: 1

21 December 1970

Cameroon: Mokolo:?: Collector Unknown: RMCA: 1 [1 - 1 - 1].

Zimbabwe: Peterhouse School: Ginn, P.: NHMZ: 1 [1 - 1 - 1].

Total Specimens for 21 December 1970: 2

25 December 1970

Congo (Democratic Republic of the): Maboya: Prigogine, A.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 25 December 1970: 1

26 December 1970

Ethiopia: Filwoha Awash: Largen, M.J.; Morris, P. and Yalden, Derek: BMNH: 1 [1 - 1 - 1].

Total Specimens for 26 December 1970: 1

27 December 1970

Cameroon: Waza:?: Collector Unknown: RMCA: 3 [3]; De Vree, Frits: RMCA: 1 [1 - 4 - 4].

Total Specimens for 27 December 1970: 4

28 December 1970

Cameroon: Waza:?: Collector Unknown: RMCA: 1 [1]; De Vree, Frits: RMCA: 1 [1]; De Vree, Frits; Hulselmans, Jan; and Gevaerts: RMCA: 11 [11]; De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 1 [1 - 14 - 14].

Total Specimens for 28 December 1970: 14

29 December 1970

Cameroon: Waza: De Vree, Frits: RMCA: 1 [1 - 1 - 1].

Ethiopia: Metahara: Largen, M.J.; Morris, P. and Yalden, Derek: BMNH: 1 [1 - 1 - 1].

Kenya: Makindu:?: Collector Unknown: ROM: 2 [2 - 2 - 2].

Total Specimens for 29 December 1970: 4

30 December 1970

Cameroon: Waza:?: Collector Unknown: RMCA: 14 [14]; De Vree, Frits: RMCA: 5 [5 - 19 - 19].

Total Specimens for 30 December 1970: 19

31 December 1970

Cameroon: Waza:?: Collector Unknown: RMCA: 1 [1 - 1 - 1].

Total Specimens for 31 December 1970: 1

2 January 1971

Kenya: Kakamega forest:?: Collector Unknown: ROM: 1 [1 - 1 - 1].

Total Specimens for 2 January 1971: 1

3 January 1971

South Africa: Waterberg, Farm Driefontein:?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 3 January 1971: 1

6 January 1971

South Africa: Valhalla:?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 6 January 1971: 1

15 January 1971

Kenya: Kakamega forest: ?: Collector Unknown: ROM: 1 [1 - 1 - 1].

Total Specimens for 15 January 1971: 1

17 January 1971

Ethiopia: Ghinir, 7 km from: Dorst, Jean: MNHN: 1 [1 - 1 - 1].

Total Specimens for 17 January 1971: 1

20 January 1971

Ethiopia: Bahadu: Largen, M.J.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 20 January 1971: 1

23 January 1971

Kenya: Kakamega forest: Williams, John G.: ROM: 1 [1 - 1 - 1].

Total Specimens for 23 January 1971: 1

24 January 1971

Kenya: Kakamega forest: ?: Collector Unknown: ROM: 2 [2]; Williams, John G.: ROM: 2 [2 - 4 - 4].

Total Specimens for 24 January 1971: 4

27 January 1971

Kenya: Kakamega forest: Williams, John G.: ROM: 1 [1 - 1 - 1].

Total Specimens for 27 January 1971: 1

28 January 1971

Kenya: Kakamega forest: Williams, John G.: ROM: 1 [1 - 1 - 1].

Total Specimens for 28 January 1971: 1

30 January 1971

Kenya: Leopard Rock Lodge: Kock, Dieter: SMF: 1 [1 - 1 - 1].

Total Specimens for 30 January 1971: 1

31 January 1971

Congo (Democratic Republic of the): Maboya: Prigogine, A.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 31 January 1971: 1

24 February 1971

Kenya: Elgon, Mount: Kock, Dieter: SMF: 1 [1 - 1 - 1].

Total Specimens for 24 February 1971: 1

8 March 1971

Kenya: Saiwa river: ?: Collector Unknown: ROM: 1 [1 - 1 - 1].

Total Specimens for 8 March 1971: 1

9 March 1971

Ethiopia: Yavello, 25 km N: Largen, Clark: BMNH: 1 [1 - 1 - 1].

Tanzania: Kisarawe: Howell, K.M.: USNM: 1 [1 - 1 - 1].

Total Specimens for 9 March 1971: 2

11 March 1971

Kenya: Ortum: ?: Collector Unknown: ROM: 1 [1 - 1 - 1].

Total Specimens for 11 March 1971: 1

12 March 1971

Algeria: Tamanrasset, 110 km NW: Robbins, Lynn W.: USNM: 1 [1 - 1 - 1].

Uganda: Budo: Kingdon, Jonathan: BMNH: 1, HZM: 1 [2 - 2 - 2].

Total Specimens for 12 March 1971: 3

18 March 1971

Kenya: Saiwa river: ?: Collector Unknown: ROM: 1 [1 - 1 - 1].

Total Specimens for 18 March 1971: 1

19 March 1971

Kenya: Saiwa river: ?: Collector Unknown: ROM: 1 [1 - 1 - 1].

Total Specimens for 19 March 1971: 1

20 March 1971

Kenya: Baringo, lake: Williams, John G.: ROM: 5 [5 - 5 - 5].

Total Specimens for 20 March 1971: 5

31 March 1971

Senegal: Bafoulabé: ORSTOM: MNHN: 4 [4 - 4 - 4].

Total Specimens for 31 March 1971: 4

1 April 1971

Kenya: Gedi National Park: Rathburn, G.B.: SMF: 1 [1 - 1 - 1].

Total Specimens for 1 April 1971: 1

5 April 1971

Zimbabwe: Maduni Dumela: Wilson, V.J.: NHMZ: 1 [1 - 1 - 1].

Total Specimens for 5 April 1971: 1

9 April 1971

Ethiopia: Belès: Desfayes, M.: MHNG: 1 [1 - 1 - 1].

Total Specimens for 9 April 1971: 1

17 April 1971

Ethiopia: Aware Melca: ?: Collector Unknown: MZUF: 1 [1 - 1 - 1].

Total Specimens for 17 April 1971: 1

24 April 1971

Côte d'Ivoire: Adiopodoumé: Bellier, Louis: RMCA: 1 [1 - 1 - 1].

Total Specimens for 24 April 1971: 1

29 April 1971

Zambia: Lonchinvar: Ansell, W.F.H.: HZM: 1 [1 - 1 - 1].

Total Specimens for 29 April 1971: 1

25 May 1971

Ghana: Pampramase: Jeffrey, S.M.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 25 May 1971: 1

28 May 1971

Cote D'Ivoire: Oumé: Bellier, Louis: RMCA: 1 [1 - 1 - 1].

Total Specimens for 28 May 1971: 1

1 June 1971

Ethiopia: Bulcha Forest: Ash, J.S.: BMNH: 4 [4 - 4 - 4].

Tanzania: Kisarawe, near: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 1 June 1971: 5

6 June 1971

Ethiopia: Bahar Dar: Kock, Dieter: SMF: 2 [2 - 2 - 2].

Total Specimens for 6 June 1971: 2

11 June 1971

Senegal: Bandia: Chateau, R.: MNHN: 2 [2 - 2 - 2].

Total Specimens for 11 June 1971: 2

12 June 1971

Cote D'Ivoire: Gueboua: Robbins, Lynn W.: AMNH: 2 [2 - 2 - 2].

Total Specimens for 12 June 1971: 2

14 June 1971

Liberia: Paynesville: Schlitter, Duane A. (dr.): USNM: 1 [1 - 1 - 1].

Total Specimens for 14 June 1971: 1

16 June 1971

Egypt: Saqqara: Kock, Dieter: SMF: 2 [2 - 2 - 2].

Total Specimens for 16 June 1971: 2

6 July 1971

South Africa: Baberton: ?: Collector Unknown: TM: 5 [5 - 5 - 5].

Total Specimens for 6 July 1971: 5

10 July 1971

Kenya: Fort Hall: ?: Collector Unknown: ROM: 1 [1 - 1 - 1].

Total Specimens for 10 July 1971: 1

15 July 1971

Liberia: Tars Town: Schlitter, Duane A. (dr.): USNM: 1 [1 - 1 - 1].

Total Specimens for 15 July 1971: 1

26 July 1971

Cameroon: Waza: De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 1 [1 - 1 - 1].

South Africa: 32 km W Thabazimbi: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 26 July 1971: 2

29 July 1971

Cameroon: Waza: De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 2 [2 - 2 - 2].
Ethiopia: Gambela: Largen, M.J.: SMF: 1 [1 - 1 - 1].

Total Specimens for 29 July 1971: 3

30 July 1971

South Africa: Baberton: ?: Collector Unknown: TM: 15 [15 - 15 - 15].

Total Specimens for 30 July 1971: 15

3 August 1971

Cameroon: Djohong: De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 1 [1 - 1] - Yagoua: De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 1 [1 - 1 - 2].
Liberia: Tchien: Robbins, Lynn W.: AMNH: 1 [1 - 1 - 1].

Total Specimens for 3 August 1971: 3

5 August 1971

Cameroon: Yagoua: Puylaert, Firmin: RMCA: 8 [8 - 8 - 8].

Total Specimens for 5 August 1971: 8

6 August 1971

Cameroon: Yagoua: Asselberg, Rob; Puylaert, Firmin and Elsen, P.: RMCA: 1 [1]; De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 1 [1]; Puylaert, Firmin: RMCA: 5 [5 - 7 - 7].

Total Specimens for 6 August 1971: 7

7 August 1971

Cameroon: Yagoua: Puylaert, Firmin: RMCA: 2 [2 - 2 - 2].

Total Specimens for 7 August 1971: 2

8 August 1971

South Africa: Farm Buren: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 8 August 1971: 1

16 August 1971

Ghana: Elima and Cape Coast, between: Roodenburg: RMNH: 1 [1 - 1 - 1].

Total Specimens for 16 August 1971: 1

17 August 1971

Cameroon: Galim: ?: Collector Unknown: RMCA: 2 [2 - 2 - 2].
South Africa: Uvongo: Hayward, Bruce J.: WNMU: 2 [2 - 2 - 2].

Total Specimens for 17 August 1971: 4

19 August 1971

Cameroon: Galim: De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 19 August 1971: 1

21 August 1971

South Africa: Uvongo: Hayward, Bruce J.: WNMU: 2 [2 - 2 - 2].

Total Specimens for 21 August 1971: 2

23 August 1971

South Africa: Uvongo: Hayward, Bruce J.: WNMU: 1 [1 - 1 - 1].

Total Specimens for 23 August 1971: 1

26 August 1971

Cameroon: Galim: ?: Collector Unknown: RMCA: 2 [2 - 2 - 2].
Senegal: Saboya: Simonkovitch, E.: MNHN: 8 [8 - 8 - 8].

Total Specimens for 26 August 1971: 10

28 August 1971

South Africa: Sterkfontein caves: ?: Collector Unknown: TM: 6 [6 - 6 - 6].

Total Specimens for 28 August 1971: 6

29 August 1971

South Africa: Uvongo: Hayward, Bruce J.: WNMU: 2 [2 - 2 - 2].

Total Specimens for 29 August 1971: 2

30 August 1971

South Africa: Uvongo: Hayward, Bruce J.: WNMU: 1 [1 - 1 - 1].

Total Specimens for 30 August 1971: 1

31 August 1971

South Africa: Uvongo: Hayward, Bruce J.: WNMU: 2 [2 - 2 - 2].

Total Specimens for 31 August 1971: 2

1 September 1971

Senegal: Saboya: Simonkovitch, E.: MNHN: 3 [3 - 3 - 3].

Total Specimens for 1 September 1971: 3

3 September 1971

Cameroon: Djohong: ?: Collector Unknown: RMCA: 6 [6 - 6 - 6].

Total Specimens for 3 September 1971: 6

4 September 1971

Cameroon: Djohong: ?: Collector Unknown: RMCA: 33 [33 - 33 - 33].
Ghana: Bimbilla, 15 mi S: Robbins, Lynn W.: AMNH: 2 [2 - 2 - 2].

Total Specimens for 4 September 1971: 35

5 September 1971

Cameroon: Djohong: ?: Collector Unknown: RMCA: 25 [25 - 25 - 25].

Total Specimens for 5 September 1971: 25

6 September 1971

Cameroon: Djohong: ?: Collector Unknown: RMCA: 1 [1 - 1 - 1].
Ghana: Bimbilla, 15 mi S: Robbins, Lynn W.: AMNH: 1 [1 - 1 - 1].

Total Specimens for 6 September 1971: 2

12 September 1971

Cameroon: Olounou: Asselberg, Rob; Puylaert, Firmin and Elsen, P.: RMCA: 1 [1 - 1 - 1].
South Africa: Farm Hekpoort: ?: Collector Unknown: TM: 2 [2 - 2] - Witwatersberg, Farm Hekpoort: ?: Collector Unknown: TM: 1 [1 - 1 - 3].

Total Specimens for 12 September 1971: 4

17 September 1971

Ghana: Accra, 9 mi NE: Gruwell, J.A.: CM: 1 [1]; Robbins, Lynn W.: AMNH: 1 [1]; Schlitter, Duane A. (dr.): CM: 4 [4 - 6 - 6].

Total Specimens for 17 September 1971: 6

7 October 1971

Senegal: Saboya: Adam, F.: MNHN: 24 [24 - 24 - 24].

Total Specimens for 7 October 1971: 24

8 October 1971

Senegal: Saboya: Adam, F.: MNHN: 1 [1 - 1 - 1].

Total Specimens for 8 October 1971: 1

14 October 1971

Namibia: Swartbooisdrift: Buys: SMW: 1 [1 - 1 - 1].

Total Specimens for 14 October 1971: 1

19 October 1971

"Africa": Unknown locality: Mensah, P.E.: ROM: 1 [1 - 1 - 1].

Total Specimens for 19 October 1971: 1

23 October 1971

Cote D'Ivoire: Lakota, 15 km N: Gruwell, J.A.: CM: 1 [1 - 1 - 1].

Total Specimens for 23 October 1971: 1

29 October 1971

Ethiopia: Omar limestone cave, S of: Largen, M.J.; Morris, P. and Yalden, Derek: BMNH: 1 [1 - 1 - 1].

Total Specimens for 29 October 1971: 1

31 October 1971

Cote D'Ivoire: Bouake, 25 km N: Gruwell, J.A.: CM: 1 [1 - 1 - 1].

Total Specimens for 31 October 1971: 1

12 November 1971

Cote D'Ivoire: Abidjan, 15 km NW: Gruwell, J.A.: CM: 1 [1 - 1 - 1].

Total Specimens for 12 November 1971: 1

20 November 1971

Namibia: Omega: Coetzee, C.G.: SMW: 1 [1 - 1 - 1].

Total Specimens for 20 November 1971: 1

2 December 1971

Tanzania: Kisarawe: Howell, K.M.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 2 December 1971: 1

5 December 1971

Cameroon: Mamfe, 12 km SE: Robbins, Lynn W.: AMNH: 1 [1 - 1 - 1].

Total Specimens for 5 December 1971: 1

12 December 1971

Kenya: Donya Sabuk [=syn Donjo Sebuk, Ol Dongo Sabuk National Park]: Benson, John: NMK: 1 [1 - 1 - 1].

Total Specimens for 12 December 1971: 1

17 December 1971

Senegal: Saboya: Adam, F.: MNHN: 5 [5 - 5 - 5].**Total Specimens for 17 December 1971: 5**

20 December 1971

Sudan: Nuba mountains: El Rayah, M.: ROM: 13 [13 - 13 - 13].**Total Specimens for 20 December 1971: 13**

1 January 1972

Kenya: Rondo forest: Peterson, Randolph L. and Glenn R.: ROM: 3 [3 - 3 - 3].**Total Specimens for 1 January 1972: 3**

10 January 1972

Tanzania: Kisarawe: Howell, K.M.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 10 January 1972: 1**

5 February 1972

Côte d'Ivoire: Adiopodoumé: Bellier, Louis and Selens, M.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 5 February 1972: 1**

8 February 1972

"Africa": Unknown locality: Kingdon, Jonathan: HZM: 1 [1 - 1 - 1].**Senegal:** Koular: Adam, F.: MNHN: 5 [5 - 5 - 5].**Total Specimens for 8 February 1972: 6**

11 February 1972

Côte d'Ivoire: Adiopodoumé: Bellier, Louis and Selens, M.: RMCA: 2 [2 - 2 - 2].**Total Specimens for 11 February 1972: 2**

22 February 1972

Côte d'Ivoire: Adiopodoumé: Bellier, Louis and Selens, M.: RMCA: 3 [3 - 3 - 3].**Total Specimens for 22 February 1972: 3**

23 February 1972

Côte d'Ivoire: Adiopodoumé: Bellier, Louis and Selens, M.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 23 February 1972: 1**

24 February 1972

Côte d'Ivoire: Adiopodoumé: Bellier, Louis and Selens, M.: RMCA: 5 [5 - 5 - 5].**Ethiopia:** Gambela: Nikolaus, G.: ZFMK: 1 [1 - 1 - 1].**Total Specimens for 24 February 1972: 6**

26 February 1972

Côte d'Ivoire: Adiopodoumé: Bellier, Louis: RMCA: 1 [1 - 1 - 1].**Total Specimens for 26 February 1972: 1**

28 February 1972

Côte d'Ivoire: Adiopodoumé: Bellier, Louis: RMCA: 5 [5 - 5 - 5].

Total Specimens for 28 February 1972: 5

3 March 1972

Côte d'Ivoire: Adiopodoumé: Bellier, Louis: RMCA: 3 [3 - 3 - 3].**Total Specimens for 3 March 1972: 3**

4 March 1972

Côte d'Ivoire: Adiopodoumé: Bellier, Louis: RMCA: 1 [1 - 1 - 1].**Total Specimens for 4 March 1972: 1**

11 March 1972

Côte d'Ivoire: Adiopodoumé: Bellier, Louis: RMCA: 4 [4 - 4 - 4].**Total Specimens for 11 March 1972: 4**

20 March 1972

Zimbabwe: Wankie National Park: Herbert, H.J.: NHMZ: 1 [1 - 1 - 1].**Total Specimens for 20 March 1972: 1**

23 March 1972

Cote D'Ivoire: Lamto Ecology Station: Bellier, Louis: RMCA: 1 [1 - 1 - 1].**Total Specimens for 23 March 1972: 1**

3 April 1972

Tanzania: Kisarawe, near: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 3 April 1972: 1**

4 April 1972

Ethiopia: Gambela: Ash, J.S.: CM: 1 [1 - 1 - 1].**Total Specimens for 4 April 1972: 1**

6 April 1972

Cameroon: Ngaoundere, 14 km S: Robbins, Lynn W.: AMNH: 1 [1 - 1 - 1].**Total Specimens for 6 April 1972: 1**

14 April 1972

South Africa: Ledzee Estates: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 14 April 1972: 1**

20 April 1972

Zambia: Mongu: Ansell, W.F.H.: HZM: 1 [1 - 1 - 1].**Total Specimens for 20 April 1972: 1**

11 May 1972

Ghana: Kpaudu: Hoogmoed: RMNH: 1 [1 - 1 - 1].**Total Specimens for 11 May 1972: 1**

12 May 1972

Niger: Park West: Pöche, R.M.: USNM: 1 [1 - 1 - 1].**Total Specimens for 12 May 1972: 1**

17 May 1972

Niger: Tapoa, 21 km E: Pöche, R.M.: USNM: 1 [1 - 1 - 1].

South Africa: Hilton, Town Bush cave: Wingate, Lloyd R.: TM: 3 [3 - 3 - 3].

Total Specimens for 17 May 1972: 4

18 May 1972

Kenya: Kakamega forest: Von Helversen, Otto: SMF: 1 [1 - 1 - 1].

South Africa: Ashburton farm: Wingate, Lloyd R.: TM: 1 [1 - 1 - 1].

Total Specimens for 18 May 1972: 2

19 May 1972

Niger: Park West: Pöche, R.M.: USNM: 1 [1 - 1 - 1].

Total Specimens for 19 May 1972: 1

24 May 1972

South Africa: Pietermaritzburg, University Campus, Science block: Wingate, Lloyd R.: TM: 2 [2 - 2 - 2].

Total Specimens for 24 May 1972: 2

27 May 1972

Zimbabwe: Makalowa: Wilson, V.J.: NHMZ: 1 [1 - 1] - Ngamo Pans: Wilson, V.J.: NHMZ: 1 [1 - 1] - Ngweshla: Wilson, V.J.: NHMZ: 1 [1 - 1 - 3].

Total Specimens for 27 May 1972: 3

28 May 1972

Zimbabwe: Makalowa: Wilson, V.J.: NHMZ: 1 [1 - 1 - 1].

Total Specimens for 28 May 1972: 1

31 May 1972

Zimbabwe: Humane Ranch: Dick, J.: ROM: 1 [1 - 1 - 1].

Total Specimens for 31 May 1972: 1

1 June 1972

Zimbabwe: Humane Ranch: Dick, J.: ROM: 1 [1 - 1 - 1].

Total Specimens for 1 June 1972: 1

3 June 1972

Kenya: Elgon, Mount: Burton: ROM: 1 [1 - 1 - 1].

Total Specimens for 3 June 1972: 1

22 June 1972

Ethiopia: Gambela: Nikolaus, G.: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 22 June 1972: 1

24 June 1972

Ethiopia: Gambela: Nikolaus, G.: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 24 June 1972: 1

25 June 1972

Tanzania: Dar es Salaam: Howell, K.M. and Otindo, B.L.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 25 June 1972: 1

26 June 1972

Ethiopia: Gambela: Nikolaus, G.: ZFMK: 4 [4 - 4 - 4].

Total Specimens for 26 June 1972: 4

30 June 1972

Ethiopia: Gambela: Nikolaus, G.: ZFMK: 2 [2 - 2 - 2].

Kenya: Central island: Horne, J. and Howell, K.M.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 30 June 1972: 3

1 July 1972

Ethiopia: Gambela: Nikolaus, G.: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 1 July 1972: 1

4 July 1972

Ethiopia: Gambela: Nikolaus, G.: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 4 July 1972: 1

5 July 1972

Ethiopia: Bulcha Forest: Ash, J.S.: CM: 1 [1 - 1 - 1].

Total Specimens for 5 July 1972: 1

9 July 1972

Ethiopia: Bulcha Forest: Ash, J.S.: CM: 1 [1 - 1 - 1].

Total Specimens for 9 July 1972: 1

14 July 1972

Ethiopia: Gambela: Nikolaus, G.: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 14 July 1972: 1

18 July 1972

Cameroon: Wakwa: ?: Collector Unknown: RMCA: 1 [1 - 1 - 1].

Total Specimens for 18 July 1972: 1

19 July 1972

Cameroon: Wakwa: ?: Collector Unknown: RMCA: 1 [1 - 1 - 1].

Total Specimens for 19 July 1972: 1

20 July 1972

South Africa: Tshaneni: Jones, Theo Simpson: BMNH: 1 [1 - 1 - 1].

Tanzania: Kisarawe, near: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 20 July 1972: 3

24 July 1972

Ethiopia: Gambela: Nikolaus, G.: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 24 July 1972: 1

28 July 1972

Ethiopia: Gambela: Nikolaus, G.: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 28 July 1972: 1

2 August 1972

Ethiopia: Gambela: Nikolaus, G.: ZFMK: 2 [2 - 2 - 2].

Total Specimens for 2 August 1972: 2

3 August 1972

Ethiopia: Gambela: Nikolaus, G.: ZFMK: 2 [2 - 2 - 2].

South Africa: Monument Park caves: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 5 - 5].

Total Specimens for 3 August 1972: 7

4 August 1972

Cameroon: Yagoua: De Vree, Frits; Hulselmans, Jan; and Gevaerts: RMCA: 1 [1 - 1 - 1].

Total Specimens for 4 August 1972: 1

8 August 1972

Cameroon: Poli: De Vree, Frits: RMCA: 2 [2 - 2 - 2].

Ethiopia: Gambela: Nikolaus, G.: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 8 August 1972: 3

9 August 1972

Cameroon: Poli: De Vree, Frits; Hulselmans, Jan; and Gevaerts: RMCA: 1 [1 - 1 - 1].

Total Specimens for 9 August 1972: 1

12 August 1972

Cameroon: Poli: De Vree, Frits; Hulselmans, Jan; and Gevaerts: RMCA: 1 [1 - 1 - 1].

Total Specimens for 12 August 1972: 1

15 August 1972

Zimbabwe: Dett: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].

Total Specimens for 15 August 1972: 1

18 August 1972

Cameroon: Campement du Grand Capitaine: De Vree, Frits; Hulselmans, Jan; and Gevaerts: RMCA: 1 [1 - 1 - 1].

Total Specimens for 18 August 1972: 1

23 August 1972

Ethiopia: Pokwo: Largen, M.J.: SMF: 2 [2 - 2 - 2].

Total Specimens for 23 August 1972: 2

24 August 1972

Cameroon: Waza: De Vree, Frits: RMCA: 3 [3]; De Vree, Frits; Hulselmans, Jan; and Gevaerts: RMCA: 1 [1 - 4 - 4].

Ethiopia: Gambela: Nikolaus, G.: ZFMK: 2 [2 - 2 - 2].

Total Specimens for 24 August 1972: 6

25 August 1972

Cameroon: Waza: De Vree, Frits: RMCA: 1 [1]; De Vree, Frits; Hulselmans, Jan; and Gevaerts: RMCA: 3 [3 - 4 - 4].

South Africa: Monument Park: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

Total Specimens for 25 August 1972: 5

26 August 1972

Cameroon: Waza: De Vree, Frits: RMCA: 3 [3]; De Vree, Frits; Hulselmans, Jan; and Gevaerts: RMCA: 1 [1 - 4 - 4].

Total Specimens for 26 August 1972: 4

28 August 1972

Cameroon: Waza: De Vree, Frits: RMCA: 1 [1 - 1 - 1].**Total Specimens for 28 August 1972: 1**

29 August 1972

Cameroon: Waza: De Vree, Frits: RMCA: 3 [3 - 3 - 3].**Total Specimens for 29 August 1972: 3**

30 August 1972

Cameroon: Waza: De Vree, Frits: RMCA: 1 [1 - 1 - 1].**Total Specimens for 30 August 1972: 1**

3 September 1972

Cameroon: Yagoua: De Vree, Frits: RMCA: 1 [1 - 1 - 1].**Total Specimens for 3 September 1972: 1**

4 September 1972

Cameroon: Yagoua: ?: Collector Unknown: RMCA: 2 [2]; De Vree, Frits: RMCA: 3 [3]; De Vree, Frits; Hulselmans, Jan; and Gevaerts: RMCA: 13 [13 - 18 - 18].**Total Specimens for 4 September 1972: 18**

5 September 1972

Cameroon: Yagoua: ?: Collector Unknown: RMCA: 1 [1]; De Vree, Frits; Hulselmans, Jan; and Gevaerts: RMCA: 12 [12 - 13 - 13].**Total Specimens for 5 September 1972: 13**

6 September 1972

South Africa: Harrismith: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].**Total Specimens for 6 September 1972: 1**

7 September 1972

Cameroon: Yagoua: ?: Collector Unknown: RMCA: 3 [3]; De Vree, Frits: RMCA: 7 [7]; De Vree, Frits; Hulselmans, Jan; and Gevaerts: RMCA: 3 [3 - 13 - 13].**Total Specimens for 7 September 1972: 13**

8 September 1972

Cameroon: Yagoua: ?: Collector Unknown: RMCA: 1 [1 - 1 - 1].**Total Specimens for 8 September 1972: 1**

9 September 1972

Cameroon: Yagoua: De Vree, Frits: RMCA: 1 [1 - 1 - 1].**Total Specimens for 9 September 1972: 1**

12 September 1972

Burkina Faso: Nobéré, 1 km S: Heisterberg, J.F.: USNM: 1 [1 - 1 - 1].**Total Specimens for 12 September 1972: 1**

22 September 1972

Zambia: Chinzombo: Ansell, W.F.H.: SMF: 3 [3 - 3 - 3].

Total Specimens for 22 September 1972: 3

1 October 1972

South Africa: Navors Suburb, Residence: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 1 October 1972: 1

25 October 1972

Ethiopia: Filwoha Awash: Ash, J.S.: USNM: 1 [1 - 1 - 1].

Total Specimens for 25 October 1972: 1

29 October 1972

Swaziland: Mbabane: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 29 October 1972: 1

30 October 1972

Zambia: Chilanga: Ansell, W.F.H.: HZM: 1 [1 - 1 - 1].

Total Specimens for 30 October 1972: 1

31 October 1972

Congo: Pointe Noire: Bergmans, Wim: ZMA: 3 [3 - 3 - 3].

Zambia: Ngwerere cave: Ansell, W.F.H.: SMF: 1 [1 - 1 - 1].

Total Specimens for 31 October 1972: 4

1 November 1972

Congo: Pointe Noire: Bergmans, Wim: ZMA: 2 [2 - 2 - 2].

Total Specimens for 1 November 1972: 2

2 November 1972

Congo: Pointe Noire: Bergmans, Wim: ZMA: 1 [1 - 1 - 1].

Total Specimens for 2 November 1972: 1

6 November 1972

Ethiopia: Gambela: Nikolaus, G.: ZFMK: 2 [2 - 2 - 2].

Total Specimens for 6 November 1972: 2

7 November 1972

Congo: Pointe Noire: Bergmans, Wim: ZMA: 1 [1 - 1 - 1].

Total Specimens for 7 November 1972: 1

13 November 1972

Zimbabwe: Inyantue: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].

Total Specimens for 13 November 1972: 1

14 November 1972

Congo: Pointe Noire: Bergmans, Wim: ZMA: 1 [1 - 1 - 1].

Total Specimens for 14 November 1972: 1

16 November 1972

Congo: Pointe Noire: Bergmans, Wim: ZMA: 5 [5 - 5 - 5].

Total Specimens for 16 November 1972: 5

17 November 1972

Burkina Faso: Nobéré, 1 km S: Heisterberg, J.F.: USNM: 1 [1 - 1 - 1].**Total Specimens for 17 November 1972: 1**

18 November 1972

Ethiopia: Bulcha Forest: Ash, J.S.: CM: 1 [1 - 1 - 1].**Total Specimens for 18 November 1972: 1**

20 November 1972

Congo: Pointe Noire: Bergmans, Wim: ZMA: 1 [1 - 1 - 1].**Total Specimens for 20 November 1972: 1**

22 November 1972

Ethiopia: Bulcha Forest: Ash, J.S.: CM: 1 [1 - 1 - 1].**Total Specimens for 22 November 1972: 1**

26 November 1972

South Africa: Bloemfontein: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].**Total Specimens for 26 November 1972: 1**

27 November 1972

Burkina Faso: Nobéré, 1 km S: Heisterberg, J.F.: USNM: 1 [1 - 1 - 1].**Congo:** Pointe Noire: Bergmans, Wim: ZMA: 2 [2 - 2 - 2].**Total Specimens for 27 November 1972: 3**

28 November 1972

Congo: Pointe Noire: Bergmans, Wim: ZMA: 2 [2 - 2 - 2].**Total Specimens for 28 November 1972: 2**

13 December 1972

Congo: Pointe Noire: Bergmans, Wim: ZMA: 2 [2 - 2 - 2].**Total Specimens for 13 December 1972: 2**

14 December 1972

Burkina Faso: Nobéré, 1 km S: Heisterberg, J.F.: USNM: 1 [1 - 1 - 1].**Total Specimens for 14 December 1972: 1**

15 December 1972

Ethiopia: Gambela: ?: Collector Unknown: CM: 1 [1 - 1 - 1].**Total Specimens for 15 December 1972: 1**

20 December 1972

Ethiopia: Gambela: Nikolaus, G.: ZFMK: 1 [1 - 1 - 1].**Total Specimens for 20 December 1972: 1**

26 December 1972

Congo: Brazzaville: Bergmans, Wim: ZMA: 12 [12 - 12 - 12].

Total Specimens for 26 December 1972: 12

14 January 1973

South Africa: Farm Welgevonden 449: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].**Total Specimens for 14 January 1973: 1**

16 January 1973

South Africa: Cathcart: Visser, John: AMNH: 1 [1 - 1 - 1].**Total Specimens for 16 January 1973: 1**

19 January 1973

Zambia: Kabulonga: Tucker, Mr. J.J.: HZM: 1 [1 - 1 - 1].**Total Specimens for 19 January 1973: 1**

20 January 1973

Ethiopia: Didessa river bridge: ?: Collector Unknown: CM: 1 [1 - 1] - Didessa settlement: Ash, J.S.: CM: 1 [1 - 1 - 2].**Total Specimens for 20 January 1973: 2**

22 January 1973

Ghana: Sefwi Mafra: Jeffrey, S.M.: BMNH: 2 [2 - 2 - 2].**Total Specimens for 22 January 1973: 2**

28 January 1973

South Africa: Ventersburg: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].**Total Specimens for 28 January 1973: 1**

6 February 1973

South Africa: Maria van Riebeeck Nature Reserve: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].**Total Specimens for 6 February 1973: 1**

9 February 1973

South Africa: Mmabolela Estates [=Mmqbolela Estates]: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].**Total Specimens for 9 February 1973: 1**

10 February 1973

South Africa: Bloemfontein: ?: Collector Unknown: NMB: 3 [3 - 3 - 3].**Total Specimens for 10 February 1973: 3**

13 February 1973

South Africa: Farm Olifantspoort 328: ?: Collector Unknown: TM: 1 [1 - 1] - Farm Olifantspoort 328 [=Retiefkloof]: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3 - 4].**Total Specimens for 13 February 1973: 4**

15 February 1973

South Africa: Farm Olifantspoort 328 [=Retiefkloof]: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].**Total Specimens for 15 February 1973: 1**

16 February 1973

Algeria: Beni Cabbes, 15 km N: Petiniot and Verheyen, Walter N.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 16 February 1973: 1**

19 February 1973

South Africa: Farm Olifantspoort 328 [=Retiefkloof]: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

Total Specimens for 19 February 1973: 1

22 February 1973

Tanzania: Kisarawe: Howell, K.M. and Msuya, C.A.: USNM: 2 [2 - 2 - 2].

Total Specimens for 22 February 1973: 2

24 February 1973

Ethiopia: Koka: Traub and Ash, J.S.: CM: 1 [1 - 1 - 1].

South Africa: Hilton, Town Bush cave: Wingate, Lloyd R.: TM: 4 [4 - 4] - Village Kosmos: ?: Collector Unknown: TM: 1 [1 - 1 - 5].

Total Specimens for 24 February 1973: 6

25 February 1973

Ethiopia: Koka: Traub and Ash, J.S.: CM: 1 [1 - 1 - 1].

Total Specimens for 25 February 1973: 1

8 March 1973

South Africa: Mmabolela Estates [=Mmqbolela Estates]: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

Total Specimens for 8 March 1973: 1

9 March 1973

South Africa: Farm Mooigenoeg 83: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Mmabolela Estates: ?: Collector Unknown: TM: 1 [1 - 1 - 2].

Total Specimens for 9 March 1973: 2

10 March 1973

Zambia: Kabulonga: Black, H.: HZM: 1 [1 - 1 - 1].

Total Specimens for 10 March 1973: 1

16 March 1973

Niger: I-N-Gall: Petiniot and Verheyen, Walter N.: RMCA: 24 [24 - 24 - 24].

Total Specimens for 16 March 1973: 24

17 March 1973

Niger: I-N-Gall: ?: Collector Unknown: RMCA: 1 [1 - 1 - 1].

South Africa: Rissik Private Nature Reserve: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

Total Specimens for 17 March 1973: 2

18 March 1973

Niger: I-N-Gall: Petiniot and Verheyen, Walter N.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 18 March 1973: 1

20 March 1973

South Africa: Rochdale farm: J C Uys: TM: 1 [1 - 1 - 1].

Total Specimens for 20 March 1973: 1

25 March 1973

Cameroon: Meyo Nkoulou: Robbins, Lynn W. and Thys Van den Audenaerde, Dirk: RMCA: 1 [1 - 1 - 1].

Total Specimens for 25 March 1973: 1

27 March 1973

Cameroon: Meyo Nkoulou: Robbins, Lynn W. and Thys Van den Audenaerde, Dirk: RMCA: 1 [1 - 1 - 1].**Total Specimens for 27 March 1973: 1**

30 March 1973

South Africa: New Agatha Forest Reserve: Dippenaar, N.J. (dr.): TM: 1 [1 - 1 - 1].**Zambia:** Lusake, 6 mi NE: Black, H.: HZM: 4 [4 - 4 - 4].**Total Specimens for 30 March 1973: 5**

1 April 1973

Zambia: Lusake, 6 mi NE: Black, H.: HZM: 1 [1 - 1 - 1].**Total Specimens for 1 April 1973: 1**

2 April 1973

Zambia: Lusake, 6 mi NE: Black, H.: HZM: 1 [1 - 1 - 1].**Total Specimens for 2 April 1973: 1**

4 April 1973

South Africa: Loskopdam Nature Reserve: Dippenaar, N.J. (dr.) and Rautenbach, Ignatius L. "Naas" (Dr.): TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 2] - Ventersburg: ?: Collector Unknown: NMB: 4 [4 - 4 - 6].**Total Specimens for 4 April 1973: 6**

5 April 1973

South Africa: Loskop Dam Nature Reserve: ?: Collector Unknown: TM: 1 [1 - 1] - Loskopdam Nature Reserve: Dippenaar, N.J. (dr.) and Rautenbach, Ignatius L. "Naas" (Dr.): TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas] and Dippenaar, Nico J. (Dr.): TM: 2 [2 - 3 - 4].**Total Specimens for 5 April 1973: 4**

6 April 1973

South Africa: Farm Bordeaux: Uys, P.J.: TM: 1 [1 - 1] - Loskop Dam Nature Reserve: ?: Collector Unknown: TM: 2 [2 - 2] - Loskopdam Nature Reserve: Dippenaar, N.J. (dr.) and Rautenbach, Ignatius L. "Naas" (Dr.): TM: 1 [1 - 1 - 4].**Total Specimens for 6 April 1973: 4**

7 April 1973

Cameroon: Aboubou: Robbins, Lynn W. and Thys Van den Audenaerde, Dirk: RMCA: 1 [1 - 1 - 1].**South Africa:** Loskopdam Nature Reserve: Rautenbach, Ignatius L. (Dr.) [=Naas]; Dippenaar, Nico J. (Dr.) and Underwood: TM: 1 [1 - 1 - 1].**Total Specimens for 7 April 1973: 2**

8 April 1973

South Africa: Bordeaux Farm: Uys, P.J.: TM: 1 [1 - 1] - Farm Bordeaux: Uys, P.J.: TM: 3 [3 - 3 - 4].**Total Specimens for 8 April 1973: 4**

9 April 1973

Kenya: Kampi ya Samaki: Williams, A.E.: ROM: 3 [3]; Williams, John G.: ROM: 11 [11 - 14 - 14].**South Africa:** Loskopdam Nature Reserve: Rautenbach, Ignatius L. (Dr.) [=Naas] and Dippenaar, Nico J. (Dr.): TM: 1 [1 - 1 - 1].**Total Specimens for 9 April 1973: 15**

10 April 1973

Kenya: Kampi ya Samaki: ?: Collector Unknown: ROM: 3 [3]; Williams, John G.: ROM: 1 [1 - 4] - Karpeddo: Williams, John G.: ROM: 12 [12 - 12 - 16].

Total Specimens for 10 April 1973: 16

11 April 1973

Kenya: Kampi ya Samaki: ?: Collector Unknown: ROM: 1 [1]; Williams, John G.: ROM: 2 [2 - 3 - 3].

Total Specimens for 11 April 1973: 3

12 April 1973

Kenya: Kampi ya Samaki: ?: Collector Unknown: ROM: 1 [1]; Williams, John G.: ROM: 3 [3 - 4 - 4].

Total Specimens for 12 April 1973: 4

13 April 1973

South Africa: Mosdene Nature Reserve: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 13 April 1973: 1

16 April 1973

Cameroon: Mbakaou: Robbins, Lynn W. and Thys Van den Audenaerde, Dirk: RMCA: 1 [1 - 1 - 1].

Total Specimens for 16 April 1973: 1

17 April 1973

Cameroon: Mbakaou: Robbins, Lynn W. and Thys Van den Audenaerde, Dirk: RMCA: 1 [1 - 1 - 1].
Kenya: Kampi ya Samaki: Williams, John G.: ROM: 1 [1 - 1 - 1].

Total Specimens for 17 April 1973: 2

20 April 1973

Kenya: Nairobi: ?: Collector Unknown: ROM: 2 [2 - 2 - 2].

Total Specimens for 20 April 1973: 2

21 April 1973

Kenya: Kampi ya Samaki: Williams, A.E.: ROM: 1 [1 - 1 - 1].

Total Specimens for 21 April 1973: 1

25 April 1973

Kenya: Nairobi: ?: Collector Unknown: ROM: 1 [1 - 1 - 1].

Total Specimens for 25 April 1973: 1

2 May 1973

Kenya: Kampi ya Samaki: Williams, A.E.: ROM: 1 [1 - 1 - 1].

Total Specimens for 2 May 1973: 1

3 May 1973

South Africa: D'Nyala Provincial Nature Reserve: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

Total Specimens for 3 May 1973: 1

4 May 1973

South Africa: D'Nyala Provincial Nature Reserve: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 5 - 5].

Total Specimens for 4 May 1973: 5

8 May 1973

South Africa: D'Nyala Provincial Nature Reserve: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

Total Specimens for 8 May 1973: 1

11 May 1973

Kenya: Maungu: ?: Collector Unknown: ROM: 1 [1 - 1 - 1].

South Africa: Farm Buffelspoort 149 JQ: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Farm Donkerpoort 448: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 2].

Total Specimens for 11 May 1973: 3

14 May 1973

South Africa: Greefswald [= Mapungubwe]: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

Total Specimens for 14 May 1973: 1

18 May 1973

Cameroon: Buea: ?: Collector Unknown: ROM: 1 [1 - 1 - 1].

Total Specimens for 18 May 1973: 1

31 May 1973

Kenya: Kiambu, 4 mi NW: ?: Collector Unknown: ROM: 1 [1 - 1 - 1].

Total Specimens for 31 May 1973: 1

7 June 1973

South Africa: Transvaal Museum workshop: Transvaal Museum: TM: 1 [1 - 1 - 1].

Total Specimens for 7 June 1973: 1

25 June 1973

Kenya: Kinna: Sutton, J.: ROM: 4 [4 - 4 - 4].

Total Specimens for 25 June 1973: 4

27 June 1973

Kenya: Benane: Sutton, J.: ROM: 2 [2 - 2 - 2].

Total Specimens for 27 June 1973: 2

28 June 1973

Kenya: Benane: Sutton, J.: ROM: 3 [3 - 3 - 3].

Total Specimens for 28 June 1973: 3

6 July 1973

Kenya: Magadi: Sutton, J.: ROM: 3 [3 - 3 - 3].

Total Specimens for 6 July 1973: 3

8 July 1973

South Africa: Uitkyk en Paranie Private Nature Reserve: Dippenaar, N.J. (dr.): TM: 6 [6 - 6 - 6].

Total Specimens for 8 July 1973: 6

9 July 1973

Libya: Benghazi: Shakmat, A.J.: HZM: 1 [1 - 1 - 1].

Total Specimens for 9 July 1973: 1

14 July 1973

Zambia: Mwombezhi river: Ansell, W.D.H.: HZM: 1 [1 - 1] - Nyabikwa Kabompo confluence: Ansell, W.F.H.: HZM: 1 [1 - 1 - 2].

Total Specimens for 14 July 1973: 2

27 July 1973

Zambia: Jumbe river: Ansell, W.D.H.: HZM: 1 [1 - 1 - 1].

Total Specimens for 27 July 1973: 1

29 July 1973

Ethiopia: Arba Minch: Rupp, Hans: SMF: 1 [1 - 1 - 1].

Total Specimens for 29 July 1973: 1

30 July 1973

Zambia: Kanyale stream: Ansell, W.D.H.: HZM: 1 [1 - 1 - 1].

Total Specimens for 30 July 1973: 1

4 August 1973

Ethiopia: Gidole: Rupp, Hans: SMF: 1 [1 - 1 - 1].

Total Specimens for 4 August 1973: 1

7 August 1973

Ethiopia: Arba Minch: ?: Collector Unknown: SMF: 1 [1 - 1 - 1].

South Africa: Farm Scrutton 23: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 6 [6 - 6] - Farm Scrutton 23MT: ?: Collector Unknown: TM: 2 [2 - 2 - 8].

Total Specimens for 7 August 1973: 9

9 August 1973

South Africa: Farm Greefswald 37MS: ?: Collector Unknown: TM: 1 [1 - 1] - Farm Greefswald 37MS, Shashi-Limpopo confluence: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Greefswald [= Mapungubwe]: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 3].

Total Specimens for 9 August 1973: 3

11 August 1973

South Africa: Farm Greefswald 37MS: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 11 August 1973: 1

14 August 1973

South Africa: Greefswald [= Mapungubwe]: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2 - 2].

Total Specimens for 14 August 1973: 2

18 August 1973

South Africa: Farm Greefswald 37MS, Shashi-Limpopo confluence: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4 - 4] - Greefswald [= Mapungubwe]: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4 - 4 - 8].

Total Specimens for 18 August 1973: 8

29 August 1973

South Africa: Agriculture station: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 29 August 1973: 1

2 September 1973

Ethiopia: Awasa, lake: Rupp, Hans: SMF: 8 [8 - 8 - 8].

Total Specimens for 2 September 1973: 8

6 September 1973

South Africa: Farm Mooiplaas 94: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 6 September 1973: 1

7 September 1973

South Africa: Farm Mooiplaas 94: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 9 [9 - 9 - 9].

Total Specimens for 7 September 1973: 9

11 September 1973

Ethiopia: Lava-Dom: Rupp, Hans: SMF: 1 [1 - 1 - 1].

Total Specimens for 11 September 1973: 1

13 September 1973

South Africa: Farm Rykvoorby 96: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3 - 3].

Total Specimens for 13 September 1973: 3

4 October 1973

South Africa: Farm Donkerpoort 448: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 12 [12 - 12 - 12].

Total Specimens for 4 October 1973: 12

10 October 1973

South Africa: Rissik Private Nature Reserve: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4 - 4 - 4].

Total Specimens for 10 October 1973: 4

14 October 1973

South Africa: Rissik Private Nature Reserve: ?: Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 2 - 2].

Total Specimens for 14 October 1973: 2

15 October 1973

South Africa: 46 km N Polokwane [=Pietersberg], on Louis Trichard Road: Branch, W.R.: TM: 1 [1 - 1 - 1].

Total Specimens for 15 October 1973: 1

6 November 1973

South Africa: Hilton, Town Bush cave: Wingate, Lloyd R.: TM: 5 [5 - 5 - 5].

Total Specimens for 6 November 1973: 5

18 November 1973

South Africa: Farm Welgedaan 292: Dippenaar, N.J. (dr.): TM: 1 [1 - 1 - 1].

Total Specimens for 18 November 1973: 1

24 November 1973

South Africa: Hilton, Town Bush cave: Wingate, Lloyd R.: TM: 6 [6 - 6 - 6].

Total Specimens for 24 November 1973: 6

29 November 1973

Nigeria: Bacita: Mees, G.F.: RMNH: 1 [1 - 1 - 1].

Total Specimens for 29 November 1973: 1

6 December 1973

Nigeria: Bacita: Mees, G.F.: RMNH: 1 [1 - 1 - 1].

Total Specimens for 6 December 1973: 1

11 December 1973

Nigeria: Bacita: Mees, G.F.: RMNH: 1 [1 - 1 - 1].

Total Specimens for 11 December 1973: 1

15 December 1973

South Africa: Farm Donkerpoort 448: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Farm Klipfontein 407, Echo caves: Meyer, Andre: TM: 5 [5 - 5 - 6].

Total Specimens for 15 December 1973: 6

16 December 1973

South Africa: Farm Ferndale: ?: Collector Unknown: TM: 3 [3 - 3 - 3].

Total Specimens for 16 December 1973: 3

18 December 1973

South Africa: Charter's Creek: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 18 December 1973: 1

20 December 1973

Kenya: Nyangala hill: ?: Collector Unknown: ROM: 2 [2 - 2 - 2].

Total Specimens for 20 December 1973: 2

24 December 1973

Ethiopia: Jarra: Williams, A.E.: ROM: 4 [4 - 4 - 4].

Total Specimens for 24 December 1973: 4

27 December 1973

Kenya: Shell BM Camp: Eger, Judith L. and Glen, R.: ROM: 1 [1 - 1 - 1].

Total Specimens for 27 December 1973: 1

29 December 1973

Ethiopia: Jarra: Williams, A.E.: ROM: 2 [2 - 2 - 2].

South Africa: Farm Ferndale: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 29 December 1973: 4

30 December 1973

Ethiopia: Jarra: Williams, A.E.: ROM: 1 [1 - 1 - 1].

Kenya: Garsen, 8.5 km N: ?: Collector Unknown: ROM: 3 [3 - 3] - Simba: Aidley: BMNH: 1 [1 - 1 - 4].

Total Specimens for 30 December 1973: 5

31 December 1973

Kenya: Garsen, 8.5 km N: ?: Collector Unknown: ROM: 1 [1 - 1] - Garsen, near: Eger, Judith L. and Glen, R.: ROM: 1 [1 - 1 - 2].

Total Specimens for 31 December 1973: 2

1 January 1974

Kenya: Kikambala: Seibt and Wickler: SMF: 2 [2 - 2 - 2].

Total Specimens for 1 January 1974: 2

2 January 1974

Ghana: Kpaudu: Roodenburg: RMNH: 1 [1 - 1 - 1].**Total Specimens for 2 January 1974: 1**

4 January 1974

Ethiopia: Jarra: Williams, A.E.: ROM: 1 [1 - 1 - 1].**Total Specimens for 4 January 1974: 1**

6 January 1974

Ethiopia: Jarra: Williams, A.E.: ROM: 3 [3 - 3 - 3].**Total Specimens for 6 January 1974: 3**

7 January 1974

Ethiopia: Jarra: Williams, A.E.: ROM: 2 [2 - 2 - 2].**Total Specimens for 7 January 1974: 2**

8 January 1974

Ethiopia: Jarra: Williams, A.E.: ROM: 3 [3 - 3 - 3].**Total Specimens for 8 January 1974: 3**

10 January 1974

Ethiopia: Jarra: Williams, A.E.: ROM: 3 [3 - 3 - 3].**Total Specimens for 10 January 1974: 3**

11 January 1974

South Africa: Farm Welgevonden 449: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 5 - 5].**Total Specimens for 11 January 1974: 5**

12 January 1974

Ethiopia: Jarra: Williams, A.E.: ROM: 1 [1 - 1 - 1].**Total Specimens for 12 January 1974: 1**

13 January 1974

Ethiopia: Jarra: Williams, A.E.: ROM: 1 [1 - 1 - 1].**Total Specimens for 13 January 1974: 1**

14 January 1974

South Africa: Farm Welgevonden 449: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 14 January 1974: 1**

15 January 1974

Ethiopia: Jarra: Williams, A.E.: ROM: 3 [3 - 3 - 3].**Total Specimens for 15 January 1974: 3**

16 January 1974

Ethiopia: Jarra: Williams, A.E.: ROM: 2 [2 - 2 - 2].**Kenya:** Endoposei river: Eger, Judith L. and Glen, R.: ROM: 8 [8 - 8 - 8].**Total Specimens for 16 January 1974: 10**

17 January 1974

South Africa: Farm Nicorel 343: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 17 January 1974: 1

18 January 1974

Ethiopia: Jarra: Williams, A.E.: ROM: 4 [4 - 4 - 4].

South Africa: Farm Groothoek 99: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3 - 3].

Total Specimens for 18 January 1974: 7

20 January 1974

Ethiopia: Jarra: Williams, A.E.: ROM: 2 [2 - 2 - 2].

Total Specimens for 20 January 1974: 2

21 January 1974

Ethiopia: Jarra: Williams, A.E.: ROM: 1 [1 - 1 - 1].

South Africa: Farm Groothoek 99: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

Total Specimens for 21 January 1974: 2

23 January 1974

South Africa: Farm Groothoek 99: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 13 [13 - 13 - 13].

Total Specimens for 23 January 1974: 13

24 January 1974

Ethiopia: Jarra: Williams, A.E.: ROM: 1 [1 - 1 - 1].

Total Specimens for 24 January 1974: 1

8 February 1974

Cameroon: Waza, 35 km N: Böhme, W. and Hartwig: ZFMK: 2 [2 - 2 - 2].

Total Specimens for 8 February 1974: 2

9 February 1974

Cameroon: Waza, 35 km N: Böhme, W. and Hartwig: ZFMK: 17 [17 - 17 - 17].

Total Specimens for 9 February 1974: 17

11 February 1974

Cameroon: Waza: Böhme, W. and Hartwig: ZFMK: 5 [5 - 5 - 5].

South Africa: Barberspan Provincial Nature Reserve: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 6 [6 - 6 - 6].

Total Specimens for 11 February 1974: 11

12 February 1974

Cameroon: Waza: Böhme, W. and Hartwig: ZFMK: 10 [10 - 10 - 10].

South Africa: Barberspan Provincial Nature Reserve: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2 - 2].

Total Specimens for 12 February 1974: 12

16 February 1974

South Africa: Blyde River Canyon [=Blyderivier Blyderivierspoort] Nature Reserve: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

Total Specimens for 16 February 1974: 1

27 February 1974

Ethiopia: Ortsteil Shigella bei Arba Minch: Rupp, Hans: SMF: 1 [1 - 1 - 1].

Total Specimens for 27 February 1974: 1

2 March 1974

South Africa: New Agatha Forest Reserve: Dippenaar, N.J. (dr.): TM: 1 [1 - 1 - 1].

Total Specimens for 2 March 1974: 1

3 March 1974

Ethiopia: Harre river: Rupp, Hans: SMF: 2 [2 - 2 - 2].

Sudan: Tonj: Archer, T. and Sutton, J.: ROM: 4 [4 - 4 - 4].

Total Specimens for 3 March 1974: 6

4 March 1974

Sudan: Tonj: Archer, T. and Sutton, J.: ROM: 2 [2 - 2 - 2].

Total Specimens for 4 March 1974: 2

7 March 1974

South Africa: Farm Mooigenoeg 83: ? : Collector Unknown: TM: 2 [2]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 3 - 3].

Total Specimens for 7 March 1974: 3

8 March 1974

Ethiopia: Melka Were: Williams, A.E.: ROM: 1 [1 - 1 - 1].

South Africa: Farm Mooigenoeg 83: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

Total Specimens for 8 March 1974: 2

9 March 1974

South Africa: Farm Mooigenoeg 83: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4 - 4 - 4].

Total Specimens for 9 March 1974: 4

10 March 1974

Zambia: Lusaka: Ansell, W.F.H.: HZM: 1 [1 - 1 - 1].

Total Specimens for 10 March 1974: 1

14 March 1974

Ethiopia: Dorsey: Rupp, Hans: SMF: 1 [1 - 1 - 1].

Total Specimens for 14 March 1974: 1

16 March 1974

Ethiopia: Chamo, S bank of lake: Rupp, Hans: SMF: 1 [1 - 1 - 1].

Total Specimens for 16 March 1974: 1

19 March 1974

Ethiopia: Melka Sadi: Williams, A.E.: ROM: 1 [1 - 1 - 1].

Zimbabwe: Mabalanta Camp: ? : Collector Unknown: NHMZ: 1 [1 - 1 - 1].

Total Specimens for 19 March 1974: 2

31 March 1974

South Africa: New Agatha Forest Reserve: Dippenaar, N.J. (dr.): TM: 2 [2 - 2 - 2].

Total Specimens for 31 March 1974: 2

1 April 1974

Ethiopia: Metahara, 1 km W: Rupp, Hans: SMF: 19 [19 - **19** - 19].

Total Specimens for 1 April 1974: 19

2 April 1974

South Africa: Haenertsburg: Dippenaar, N.J. (dr.): TM: 1 [1 - 1] - New Agatha Forest Reserve: Dippenaar, N.J. (dr.): TM: 4 [4 - 5].

Total Specimens for 2 April 1974: 5

5 May 1974

Swaziland: Balegane: Jones, Theo Simpson: BMNH: 1 [1 - 1 - 1].

Total Specimens for 5 May 1974: 1

11 May 1974

Zimbabwe: Kutanga Hippo V. Estates: ?: Collector Unknown: NHMZ: 2 [2 - **2** - 2].

Total Specimens for 11 May 1974: 2

15 May 1974

South Africa: Farm Othawo 242, Sabie Sand Private Nature Reserve: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

Total Specimens for 15 May 1974: 1

16 May 1974

Zimbabwe: Kutanga Hippo V. Estates: ?: Collector Unknown: NHMZ: 2 [2 - **2** - 2].

Total Specimens for 16 May 1974: 2

17 May 1974

South Africa: Farm Othawo 242, Sabie Sand Private Nature Reserve: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 17 May 1974: 1

18 May 1974

South Africa: Farm Othawo 242, Sabie Sand Private Nature Reserve: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 18 May 1974: 1

20 May 1974

Ethiopia: Arba Minch: Largen, M.J.: SMF: 1 [1 - 1 - 1].

Total Specimens for 20 May 1974: 1

22 May 1974

Zimbabwe: Triangle: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].

Total Specimens for 22 May 1974: 1

1 June 1974

Zambia: Magoye research station: Wells: HZM: 1 [1 - 1 - 1].

Total Specimens for 1 June 1974: 1

7 June 1974

South Africa: 40 km N Polokwane [=Pietersburg], on Louis Trichard Road: Branch, Bill: TM: 1 [1 - 1 - 1].

Total Specimens for 7 June 1974: 1

9 June 1974

South Africa: Pietermaritzburg: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 9 June 1974: 2

16 June 1974

Zambia: Lusaka: Francis: HZM: 1 [1 - 1 - 1].

Total Specimens for 16 June 1974: 1

17 June 1974

South Africa: 40 km N Polokwane [=Pietersburg], on Louis Trichard Road: Branch, Bill: TM: 3 [3 - 3 - 3].

Total Specimens for 17 June 1974: 3

23 June 1974

Cameroon: Eseka: Robbins, Lynn W.: AMNH: 1 [1 - 1 - 1].

Total Specimens for 23 June 1974: 1

24 June 1974

Cameroon: Eseka: Robbins, Lynn W.: CM: 1 [1 - 1 - 1].

Total Specimens for 24 June 1974: 1

30 June 1974

Cameroon: Eseka, 5 km SW: Robbins, Lynn W.: AMNH: 1 [1 - 1 - 1].

South Africa: Farm Urk 10 [= Blouberg Private Nature Reserve]: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 30 June 1974: 2

1 July 1974

South Africa: Farm Urk 10 [= Blouberg Private Nature Reserve]: ?: Collector Unknown: TM: 1 [1 - 1] - Farm Urk 10, Blouberg Private Nature Reserve: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 8 [8 - 8] - Tambotieskloof 601: Prozesky, O.P.M.: TM: 1 [1 - 1 - 10].

Total Specimens for 1 July 1974: 10

2 July 1974

South Africa: Farm Urk 10, Blouberg Private Nature Reserve: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2 - 2].

Total Specimens for 2 July 1974: 2

7 July 1974

Kenya: Kibwezi, 6.5 mi N, 10.5 mi E: O'Shea, T.J.: NAU: 1 [1 - 1 - 1].

Total Specimens for 7 July 1974: 1

8 July 1974

Kenya: Kibwezi, 6.5 mi N, 10.5 mi E: O'Shea, T.J.: NAU: 1 [1 - 1 - 1].

Total Specimens for 8 July 1974: 1

9 July 1974

Kenya: Kibwezi, 6.5 mi N, 10.5 mi E: O'Shea, T.J.: NAU: 1 [1 - 1 - 1].

Total Specimens for 9 July 1974: 1

10 July 1974

Ghana: Mole National Park: McWilliam, A.N. and Marshall, A.G.: BMNH: 2 [2 - 2 - 2].

Kenya: Kibwezi, 6.5 mi N, 10.5 mi E: O'Shea, T.J.: NAU: 2 [2 - 2 - 2].

Total Specimens for 10 July 1974: 4

11 July 1974

Kenya: Kibwezi, 6.5 mi N, 10.5 mi E: O'Shea, T.J.: NAU: 1 [1 - 1 - 1].

Total Specimens for 11 July 1974: 1

12 July 1974

Kenya: Kibwezi, 6.5 mi N, 10.5 mi E: O'Shea, T.J.: NAU: 3 [3 - 3 - 3].

Total Specimens for 12 July 1974: 3

14 July 1974

Kenya: Kibwezi, 6.5 mi N, 10.5 mi E: O'Shea, T.J.: NAU: 1 [1 - 1 - 1].

Total Specimens for 14 July 1974: 1

17 July 1974

South Africa: : ?: Collector Unknown: TM: 19 [19 - 19] - Farm Rhoda 9, old mica mine: Rautenbach, Ignatius L. (Dr.) [=Naas]:
TM: 3 [3 - 3 - 22].

Total Specimens for 17 July 1974: 22

19 July 1974

Ethiopia: Forty Springs: Rupp, Hans: SMF: 5 [5 - 5 - 5].

Total Specimens for 19 July 1974: 5

24 July 1974

Ghana: Samole Motel Camp: McWilliam, A.N. and Marshall, A.G.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 24 July 1974: 1

30 July 1974

Ghana: Bangweli Camp: McWilliam, A.N. and Marshall, A.G.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 30 July 1974: 1

3 August 1974

Zimbabwe: Hwange [=Wankie] National Park: Hayward, Bruce J.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 3 August 1974: 1

4 August 1974

Tanzania: Muheza: Baagøe, Hans J.: ZMUC: 16 [16 - 16 - 16].

Total Specimens for 4 August 1974: 16

6 August 1974

Zimbabwe: Wankie National Park: Hayward, Bruce J.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 6 August 1974: 1

7 August 1974

Zambia: Mumbwa: Ansell, W.F.H.: ZFMK: 2 [2 - 2 - 2].

Total Specimens for 7 August 1974: 2

21 August 1974

Zimbabwe: Shinda Estates: RSVS: NHMZ: 1 [1 - 1 - 1].

Total Specimens for 21 August 1974: 1

24 August 1974

South Africa: Farm Strathfieldsaye: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 24 August 1974: 1

25 August 1974

South Africa: Cato Ridge, 3 km NE: Smith, S.A.: TM: 1 [1 - 1 - 1].

Total Specimens for 25 August 1974: 1

27 August 1974

South Africa: Chase Valley: ?: Collector Unknown: TM: 1 [1 - 1] - Karkloof Forests: SAS: TM: 1 [1]; Smith, S.A.: TM: 1 [1 - 2 - 3].

Total Specimens for 27 August 1974: 3

3 September 1974

Cameroon: Cameroon: Hulselmans, Jan; Louette, Michel and Selens, M.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 3 September 1974: 1

5 September 1974

Ethiopia: Didessa settlement: Rupp, Hans: SMF: 1 [1 - 1] - Ghimbi: Rupp, Hans: SMF: 2 [2 - 2 - 3].

Total Specimens for 5 September 1974: 3

6 September 1974

South Africa: Bloemfontein: ?: Collector Unknown: NMB: 3 [3 - 3 - 3].

Total Specimens for 6 September 1974: 3

7 September 1974

South Africa: Philippolis: ?: Collector Unknown: NMB: 3 [3 - 3 - 3].

Total Specimens for 7 September 1974: 3

10 September 1974

South Africa: Bloemfontein: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 10 September 1974: 1

12 September 1974

Cameroon: Koza: Hulselmans, Jan and Louette, Michel: RMCA: 1 [1 - 1 - 1].

South Africa: Hans Merensky Nature Reserve: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 12 September 1974: 2

13 September 1974

Cameroon: Koza: Hulselmans, Jan and Louette, Michel: RMCA: 1 [1 - 1 - 1].

South Africa: Hans Merensky Nature Reserve: ?: Collector Unknown: TM: 11 [11 - 11 - 11].

Total Specimens for 13 September 1974: 12

14 September 1974

Cameroon: Koza: Hulselmans, Jan and Louette, Michel: RMCA: 1 [1 - 1 - 1].

South Africa: Hans Merensky Nature Reserve: ?: Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 2 - 2].

Total Specimens for 14 September 1974: 3

15 September 1974

South Africa: Charter's Creek: ?: Collector Unknown: TM: 2 [2 - 2] - Hans Merensky Nature Reserve: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3 - 5].

Total Specimens for 15 September 1974: 5

18 September 1974

Cameroon: Koza: Hulselmans, Jan and Louette, Michel: RMCA: 2 [2 - 2 - 2].**Total Specimens for 18 September 1974: 2**

19 September 1974

Cameroon: Koza: Hulselmans, Jan and Louette, Michel: RMCA: 2 [2 - 2 - 2].**Total Specimens for 19 September 1974: 2**

20 September 1974

Cameroon: Koza: Hulselmans, Jan and Louette, Michel: RMCA: 1 [1 - 1 - 1].**South Africa:** Ladybrand: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].**Total Specimens for 20 September 1974: 2**

21 September 1974

South Africa: Mimbo, on Limpopo: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 21 September 1974: 1**

22 September 1974

Ethiopia: Abaya, lake, West bank: Largen, M.J.: BMNH: 1 [1 - 1 - 1].**South Africa:** Mid-Illovo: Smith, S.A.: TM: 1 [1 - 1] - Umbumbulu: Smith, S.A.: TM: 1 [1 - 1 - 2].**Total Specimens for 22 September 1974: 3**

23 September 1974

South Africa: Ladybrand: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].**Total Specimens for 23 September 1974: 1**

27 September 1974

South Africa: Umdoni Park: ?: Collector Unknown: TM: 2 [2 - 2 - 2].**Total Specimens for 27 September 1974: 2**

10 October 1974

South Africa: Pietermaritzburg: ?: Collector Unknown: TM: 2 [2 - 2 - 2].**Total Specimens for 10 October 1974: 2**

12 October 1974

South Africa: Pietermaritzburg: ?: Collector Unknown: TM: 5 [5 - 5 - 5].**Total Specimens for 12 October 1974: 5**

13 October 1974

South Africa: Farm Dordrecht: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2 - 2].**Total Specimens for 13 October 1974: 2**

15 October 1974

South Africa: Loskop Dam Nature Reserve: ?: Collector Unknown: TM: 2 [2 - 2] - Loskopdam Nature Reserve: Nel, F.: TM: 3 [3 - 3] - Waterberg, Farm Platbos: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 6].**Total Specimens for 15 October 1974: 6**

16 October 1974

South Africa: Waterberg, Farm Platbos: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

Total Specimens for 16 October 1974: 1

18 October 1974

South Africa: Waterberg, Farm Platbos: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

Total Specimens for 18 October 1974: 1

28 October 1974

Kenya: Rondo forest: Kyongo, Robert N. and Williams, A.: ROM: 1 [1 - 1 - 1].

Total Specimens for 28 October 1974: 1

30 October 1974

Congo (Democratic Republic of the): Mulongo: Gallagher, M.D. (Maj.): HZM: 1 [1 - 1 - 1].

South Africa: Farm Makapansgat, Pepercorn's cave: ?: Collector Unknown: TM: 3 [3 - 3 - 3].

Total Specimens for 30 October 1974: 4

31 October 1974

Congo (Democratic Republic of the): Mulongo: Gallagher, M.D. (Maj.): HZM: 1 [1 - 1 - 1].

South Africa: Nyalazi Forest: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 31 October 1974: 2

6 November 1974

Kenya: Rondo forest: Kyongo, Robert N. and Williams, A.: ROM: 1 [1 - 1 - 1].

Total Specimens for 6 November 1974: 1

9 November 1974

South Africa: Ten Bosch Estates: ?: Collector Unknown: TM: 5 [5]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 10 - 10].

Total Specimens for 9 November 1974: 10

10 November 1974

South Africa: Ten Bosch Estates: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3 - 3].

Total Specimens for 10 November 1974: 3

11 November 1974

South Africa: Ten Bosch Estates: ?: Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 2 - 2].

Total Specimens for 11 November 1974: 2

12 November 1974

South Africa: Ten Bosch Estates: ?: Collector Unknown: TM: 20 [20 - 20 - 20].

Total Specimens for 12 November 1974: 20

13 November 1974

Kenya: Rondo forest: Kyongo, Robert N. and Williams, A.: ROM: 1 [1 - 1 - 1].

South Africa: Cullinan: ?: Collector Unknown: TM: 1 [1 - 1] - Pretoria Zoo: ?: Collector Unknown: TM: 1 [1 - 1 - 2].

Total Specimens for 13 November 1974: 3

14 November 1974

Congo (Democratic Republic of the): Scierie Forest: Gallagher, M.D. (Maj.): BMNH: 2 [2 - 2 - 2].

South Africa: Farm Othawo 242, Sabie Sand Private Nature Reserve: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

Total Specimens for 14 November 1974: 3

17 November 1974

South Africa: Farm Othawo 242, Sabie Sand Private Nature Reserve: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - **3** - 3].

Total Specimens for 17 November 1974: 3

19 November 1974

South Africa: Farm Othawo 242, Sabie Sand Private Nature Reserve: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - **1** - 1].

Total Specimens for 19 November 1974: 1

21 November 1974

South Africa: Zandspruit Caves: ?: Collector Unknown: TM: 1 [1 - **1** - 1].

Total Specimens for 21 November 1974: 1

28 November 1974

Kenya: Ngambo: Williams, A.E.: ROM: 1 [1 - **1** - 1].

Total Specimens for 28 November 1974: 1

1 December 1974

South Africa: Farm Enkeldoornspoor 207: Dippenaar, N.J. (dr.): TM: 1 [1 - **1**] - Pietermaritzburg: ?: Collector Unknown: TM: 1 [1 - **1** - 2].

Total Specimens for 1 December 1974: 2

7 December 1974

South Africa: Rocher Pan Nature Reserve [=Rocher pan, Rocherpan]: Cruikshank, R.: SAMC: 1 [1 - **1** - 1].

Total Specimens for 7 December 1974: 1

9 December 1974

South Africa: Hans Merensky Nature Reserve: ?: Collector Unknown: TM: 1 [1 - **1**] - Pietermaritzburg: ?: Collector Unknown: TM: 1 [1 - **1** - 2].

Sudan: Shambe: Archer, T. and Sutton, J.: ROM: 1 [1 - **1** - 1].

Total Specimens for 9 December 1974: 3

10 December 1974

Central African Republic: M'Baikie: Robbins, Lynn W.: CM: 4 [4 - **4** - 4].

Total Specimens for 10 December 1974: 4

12 December 1974

Central African Republic: M'Baikie: Robbins, Lynn W.: CM: 2 [2 - **2** - 2].

South Africa: Rocher Pan Nature Reserve [=Rocher pan, Rocherpan]: Cruikshank, R.: SAMC: 1 [1 - **1** - 1].

Total Specimens for 12 December 1974: 3

13 December 1974

South Africa: Farm Leeuwspoor 647, on Pongola river: ?: Collector Unknown: TM: 1 [1 - **1**] - Farm Leeuwspoor 647, on Pongola Road: ?: Collector Unknown: TM: 8 [8 - **8** - 9].

Total Specimens for 13 December 1974: 9

14 December 1974

South Africa: Nyalazi Forest: ?: Collector Unknown: TM: 1 [1 - **1** - 1].

Total Specimens for 14 December 1974: 1

18 December 1974

South Africa: Mission Rocks, Bats Cave: ?: Collector Unknown: TM: 1 [1 - **1** - 1].

Total Specimens for 18 December 1974: 1

1 January 1975

Ethiopia: Sidon: Largen, M.J.; Morris, P. and Yalden, Derek: BMNH: 2 [2 - 2 - 2].**Total Specimens for 1 January 1975: 2**

6 January 1975

Namibia: E. Kamombonde 86: Lester, L.A.: AMNH: 1 [1 - 1 - 1].**Total Specimens for 6 January 1975: 1**

9 January 1975

South Africa: Ladybrand: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].**Total Specimens for 9 January 1975: 1**

10 January 1975

South Africa: Umdoni Caravan Park: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 10 January 1975: 1**

11 January 1975

South Africa: Umdoni Park: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 11 January 1975: 1**

20 January 1975

South Africa: Schurweberg caves: ?: Collector Unknown: TM: 3 [3 - 3 - 3].**Total Specimens for 20 January 1975: 3**

25 January 1975

Burkina Faso: Nobéré, 2 km S: Mumford, R.E.: ROM: 1 [1 - 1 - 1].**South Africa:** Farm Rietgat, plot 102: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 25 January 1975: 2**

31 January 1975

Morocco: Dcheira: Kock, Dieter: SMF: 3 [3 - 3 - 3].**Total Specimens for 31 January 1975: 3**

9 February 1975

South Africa: Farm Narina: ?: Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 2 - 2].**Total Specimens for 9 February 1975: 2**

11 February 1975

South Africa: Farm Cyprus 68: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].**Total Specimens for 11 February 1975: 1**

12 February 1975

South Africa: Farm Cyprus 68: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 5] - Farm Groot-suikerboschkop 124: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Matlapitsi Caves: ?: Collector Unknown: TM: 12 [12 - 12 - 18].**Total Specimens for 12 February 1975: 18**

15 February 1975

South Africa: Stormsriver State Forest Station: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

Total Specimens for 15 February 1975: 1

16 February 1975

South Africa: De Hoop Private Nature Reserve: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 11 [11 - 11 - 11].**Total Specimens for 16 February 1975: 11**

17 February 1975

South Africa: Nyalazi Forest: ?: Collector Unknown: TM: 6 [6 - 6 - 6].**Total Specimens for 17 February 1975: 6**

26 February 1975

South Africa: Pietermaritzburg: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 26 February 1975: 1**

28 February 1975

Namibia: Namibia Desert Research Station [= DERU]: ?: Collector Unknown: NHMZ: 1 [1]; Wright, Peter J.: NHMZ: 1 [1 - 2 - 2].**Total Specimens for 28 February 1975: 2**

2 March 1975

South Africa: Pietermaritzburg: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Tanzania:** Ilonga Research and Training Centre: Lambert, R.R.K.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 2 March 1975: 2**

7 March 1975

Zimbabwe: Hostes Nicoll Research Institute: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].**Total Specimens for 7 March 1975: 1**

9 March 1975

Zimbabwe: Hostes Nicoll Research Institute: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].**Total Specimens for 9 March 1975: 1**

16 March 1975

South Africa: Nyalazi Forest: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 16 March 1975: 1**

25 March 1975

South Africa: Pietermaritzburg: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 25 March 1975: 1**

10 April 1975

Zimbabwe: Frogmore: ?: Collector Unknown: NHMZ: 2 [2 - 2 - 2].**Total Specimens for 10 April 1975: 2**

11 April 1975

Zimbabwe: Frogmore: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].**Total Specimens for 11 April 1975: 1**

14 April 1975

South Africa: Charter's Creek: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 14 April 1975: 2

15 April 1975

South Africa: Letaba Ranch, Sabi River: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].**Total Specimens for 15 April 1975: 1**

16 April 1975

South Africa: Letaba Ranch, Sabi River: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 9 [9 - 9 - 9].**Total Specimens for 16 April 1975: 9**

17 April 1975

South Africa: Letaba Ranch: ?: Collector Unknown: TM: 4 [4 - 4 - 4].**Total Specimens for 17 April 1975: 4**

18 April 1975

South Africa: Umdoni Park: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 18 April 1975: 1**

19 April 1975

South Africa: Letaba Ranch, Sabi River: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].**Total Specimens for 19 April 1975: 1**

1 May 1975

Zimbabwe: Umtali: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 1 May 1975: 1**

30 May 1975

Malawi: MacLear, cape: Robbins, Lynn W.: CM: 2 [2 - 2 - 2].**Total Specimens for 30 May 1975: 2**

1 June 1975

South Africa: Manzengwenya Forest Station: ?: Collector Unknown: TM: 2 [2 - 2] - The Downs [10 locs]: Jacobson, N.: TM: 1 [1 - 1 - 3].**Total Specimens for 1 June 1975: 3**

4 June 1975

South Africa: Long One Cave: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 4 June 1975: 1**

8 June 1975

South Africa: 40 km N Polokwane [=Pietersburg], on Louis Trichard Road: Branch, Bill: TM: 6 [6 - 6] - Farm Mooiplaas 94: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 7].**Total Specimens for 8 June 1975: 7**

15 June 1975

Zimbabwe: Concession, 10 km NW: Robbins, Lynn W.: CM: 1 [1 - 1] - Kariba, 6 km E: Robbins, Lynn W.: CM: 1 [1 - 1 - 2].**Total Specimens for 15 June 1975: 2**

18 June 1975

Zimbabwe: Kariba, 6 km E: Robbins, Lynn W.: CM: 1 [1 - 1 - 1].

Total Specimens for 18 June 1975: 1

20 June 1975

South Africa: Farm Mooiplaas 94: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - John Nash Nature Reserve [=Jack Scott Private Nature Reserve], American cave: Norton, Peter (Dr.): TM: 4 [4 - 4 - 5].

Total Specimens for 20 June 1975: 5

28 August 1975

South Africa: Fauresmith: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 28 August 1975: 1

17 September 1975

Ethiopia: Koka: Ash, J.S.: SMF: 1 [1 - 1 - 1].

Total Specimens for 17 September 1975: 1

20 September 1975

Ethiopia: Koka: Ash, J.S.: SMF: 1 [1 - 1 - 1].

Total Specimens for 20 September 1975: 1

21 September 1975

Kenya: Ruaraka, Safari Park Hotel: DeVree, F. and Kock, D.: SMF: 1 [1 - 1 - 1].

Total Specimens for 21 September 1975: 1

22 September 1975

Kenya: Ruaraka: ?: Collector Unknown: SMF: 4 [4]; Kock, Dieter: SMF: 1 [1 - 5 - 5].

Total Specimens for 22 September 1975: 5

27 September 1975

Ethiopia: Koka: Nikolaus, G.: SMF: 1 [1 - 1 - 1].

Total Specimens for 27 September 1975: 1

30 September 1975

Ethiopia: Afdem: Nikolaus, G.: SMF: 1 [1 - 1 - 1].

Total Specimens for 30 September 1975: 1

12 October 1975

Ethiopia: Afdem: Nikolaus, G.: SMF: 1 [1 - 1 - 1].

Total Specimens for 12 October 1975: 1

19 October 1975

Ethiopia: Jimma, 5 km E: Nikolaus, G.: SMF: 2 [2 - 2 - 2].

Total Specimens for 19 October 1975: 2

21 October 1975

South Africa: New Muckleneuk: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 21 October 1975: 1

27 October 1975

Cameroon: Kumba, 19 km S: Wilson, Don E.: USNM: 1 [1 - 1 - 1].

Total Specimens for 27 October 1975: 1

29 October 1975

Ethiopia: Doki river bridge: Nikolaus, G.: SMF: 5 [5 - 5 - 5].**Total Specimens for 29 October 1975: 5**

31 October 1975

Ethiopia: Didessa river bridge: Nikolaus, G.: SMF: 1 [1 - 1] - Doki river bridge: Nikolaus, G.: SMF: 1 [1 - 1 - 2].
Uganda: Kisoro: Killango: SMF: 1 [1 - 1 - 1].**Total Specimens for 31 October 1975: 3**

5 November 1975

Ethiopia: Jimma, 5 km E: Nikolaus, G.: SMF: 1 [1 - 1 - 1].**Total Specimens for 5 November 1975: 1**

10 November 1975

Cameroon: Tisongo, Lake: Wilson, Don E.: USNM: 1 [1 - 1 - 1].**Total Specimens for 10 November 1975: 1**

12 November 1975

Cameroon: Tisongo, Lake: Wilson, Don E.: USNM: 3 [3 - 3 - 3].**Total Specimens for 12 November 1975: 3**

13 November 1975

Cameroon: Tisongo, Lake: Wilson, Don E.: USNM: 1 [1 - 1 - 1].**Total Specimens for 13 November 1975: 1**

15 November 1975

Cameroon: Tisongo, Lake: Wilson, Don E.: USNM: 1 [1 - 1 - 1].**Total Specimens for 15 November 1975: 1**

16 November 1975

Botswana: Xugana: Archer, A.L. and Williams, A.E.: USNM: 2 [2 - 2 - 2].**Total Specimens for 16 November 1975: 2**

17 November 1975

Botswana: Xugana: Archer, A.L. and Williams, A.E.: USNM: 2 [2 - 2 - 2].**Total Specimens for 17 November 1975: 2**

18 November 1975

Botswana: Xugana: Archer, A.L. and Williams, A.E.: USNM: 1 [1 - 1 - 1].**Total Specimens for 18 November 1975: 1**

19 November 1975

Botswana: Xugana: Archer, A.L. and Williams, A.E.: USNM: 1 [1 - 1 - 1].
Burundi: Tora: ?: Collector Unknown: RMCA: 1 [1 - 1 - 1].
Ethiopia: Didessa river bridge: Nikolaus, G.: SMF: 1 [1 - 1 - 1].**Total Specimens for 19 November 1975: 3**

20 November 1975

South Africa: Nelspruit, 32 km NW: Robbins, Lynn W.: CM: 1 [1 - 1 - 1].

Total Specimens for 20 November 1975: 1

21 November 1975

South Africa: Barberton, 14 km NW: Robbins, Lynn W.: CM: 3 [3 - 3 - 3].**Total Specimens for 21 November 1975: 3**

22 November 1975

South Africa: Barberton, 14 km NW: Robbins, Lynn W.: CM: 1 [1 - 1 - 1].**Total Specimens for 22 November 1975: 1**

24 November 1975

Botswana: Xugana: Archer, A.L. and Williams, A.E.: USNM: 1 [1 - 1 - 1].**Total Specimens for 24 November 1975: 1**

2 December 1975

Nigeria: Pandam: Smeenck, Chris and Smeenck, Nellie: RMNH: 1 [1 - 1 - 1].**Total Specimens for 2 December 1975: 1**

3 December 1975

South Africa: Pennington: Robbins, Lynn W.: CM: 4 [4 - 4 - 4].**Total Specimens for 3 December 1975: 4**

4 December 1975

South Africa: Pennington: Robbins, Lynn W.: CM: 4 [4 - 4 - 4].**Tanzania:** Kigoma: Easton, E.R.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 4 December 1975: 5**

7 December 1975

Botswana: 4 rivers camp: Smithers, R.H.N.: HZM: 1 [1 - 1 - 1].**Total Specimens for 7 December 1975: 1**

9 December 1975

Botswana: Xugana: Archer, A.L.: USNM: 1 [1 - 1 - 1].**Total Specimens for 9 December 1975: 1**

10 December 1975

South Africa: Fort Beaufort, 14 km W: Robbins, Lynn W.: CM: 1 [1 - 1 - 1].**Total Specimens for 10 December 1975: 1**

12 December 1975

Botswana: Xugana: Archer, A.L.: USNM: 2 [2 - 2 - 2].**Senegal:** Diattacounda: Böhme, W.: ZFMK: 2 [2]; Böhme, W. et al.: ZFMK: 25 [25 - 27 - 27].**South Africa:** Cradock, 25 km SE: Robbins, Lynn W.: CM: 1 [1 - 1 - 1].**Total Specimens for 12 December 1975: 30**

14 December 1975

South Africa: Cradock, 25 km SE: Robbins, Lynn W.: CM: 3 [3 - 3] - Cradock, 40 km NW: Robbins, Lynn W.: CM: 6 [6 - 6 - 9].**Total Specimens for 14 December 1975: 9**

19 December 1975

Congo (Democratic Republic of the): Kingabwe: Mutashiya: RMCA: 1 [1 - 1 - 1].

Total Specimens for 19 December 1975: 1

23 December 1975

Senegal: Diatacounda: Böhme, W. et al.: ZFMK: 2 [2 - 2 - 2].

Total Specimens for 23 December 1975: 2

25 December 1975

Senegal: Diatacounda: Böhme, W. et al.: ZFMK: 1 [1 - 1 - 1].

Total Specimens for 25 December 1975: 1

1 January 1976

Ethiopia: Bulcha Forest: Rupp, Hans: SMNS: 1 [1 - 1] - Ethiopia: Rupp, Hans: SMNS: 4 [4 - 4 - 5].

Total Specimens for 1 January 1976: 5

9 January 1976

South Africa: Lamberts Bay, 6 km E: Robbins, Lynn W.: CM: 8 [8 - 8] - Lamberts Bay, 8 km E: Robbins, Lynn W.: CM: 1 [1 - 1 - 9].

Total Specimens for 9 January 1976: 9

10 January 1976

Cameroon: Touroua: Louette, Michel and Puylaert, Firmin: RMCA: 1 [1 - 1 - 1].

Total Specimens for 10 January 1976: 1

11 January 1976

Cameroon: Touroua: Louette, Michel and Puylaert, Firmin: RMCA: 1 [1 - 1 - 1].

Total Specimens for 11 January 1976: 1

12 January 1976

Cameroon: Touroua: Louette, Michel and Puylaert, Firmin: RMCA: 1 [1 - 1 - 1].

Total Specimens for 12 January 1976: 1

16 January 1976

Cameroon: Touroua: Louette, Michel and Puylaert, Firmin: RMCA: 1 [1 - 1 - 1].

Total Specimens for 16 January 1976: 1

17 January 1976

Botswana: Maun: ?: Collector Unknown: USNM: 4 [4 - 4 - 4].

Total Specimens for 17 January 1976: 4

23 January 1976

South Africa: Lake Sibaya Reserve Station: ?: Collector Unknown: TM: 22 [22 - 22 - 22].

Total Specimens for 23 January 1976: 22

24 January 1976

South Africa: Lake Sibaya Reserve Station: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 24 January 1976: 2

26 January 1976

Kenya: Lake Naruku national park: Schwan, Tom G.: AMNH: 1 [1 - 1 - 1].

Total Specimens for 26 January 1976: 1

1 February 1976

Ethiopia: Bulcha Forest: Ash, J.S.: SMF: 1 [1 - 1 - 1].**South Africa:** Shihangwane: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].**Total Specimens for 1 February 1976: 2**

4 February 1976

Ethiopia: Bulcha Forest: Nikolaus, G.: SMNS: 2 [2 - 2] - Mekinissa: ?: Collector Unknown: CM: 1 [1 - 1 - 3].**Total Specimens for 4 February 1976: 3**

21 February 1976

South Africa: Farm Tweepoort 404: Kemp, A.C.: TM: 1 [1 - 1] - Vendabind, on Levuvhu river: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 2].**Total Specimens for 21 February 1976: 2**

29 February 1976

South Africa: Pietermaritzburg: ?: Collector Unknown: SMF: 1 [1 - 1 - 1].**Total Specimens for 29 February 1976: 1**

2 March 1976

Kenya: Nairobi: Mearns, Edgar Alexander (Dr.): USNM: 1 [1 - 1 - 1].**Total Specimens for 2 March 1976: 1**

6 March 1976

Nigeria: Zaria: Dyer, M.E.: ROM: 1 [1 - 1 - 1].**Total Specimens for 6 March 1976: 1**

12 March 1976

Ethiopia: Abol: Ash, J.S.: USNM: 1 [1 - 1 - 1].**Total Specimens for 12 March 1976: 1**

28 March 1976

South Africa: Soutpansberg [= Zoutpansberg], Entabeni State Forest: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas] and de Jager: TM: 2 [2 - 3 - 3].**Total Specimens for 28 March 1976: 3**

30 March 1976

South Africa: Hester Malan Wild Flower Reserve: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 30 March 1976: 1**

3 April 1976

Algeria: Tit: Ernst, D.: SMF: 1 [1 - 1 - 1].**Total Specimens for 3 April 1976: 1**

17 April 1976

Nigeria: Pandam, lake: Smeenk, Chris and Smeenk, Nellie: RMNH: 1 [1 - 1 - 1].**Total Specimens for 17 April 1976: 1**

25 April 1976

South Africa: Kosi Bay estuary: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 25 April 1976: 1

26 April 1976

South Africa: Bloemfontein: ?: Collector Unknown: NMB: 1 [1 - 1] - Kosi Bay estuary: ?: Collector Unknown: TM: 10 [10 - 10 - 11].

Total Specimens for 26 April 1976: 11

7 May 1976

Ethiopia: Shifra: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].

Total Specimens for 7 May 1976: 1

9 May 1976

Ethiopia: Shifra: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].

Total Specimens for 9 May 1976: 1

11 May 1976

Nigeria: Lagos: Brownlow, I.P.: HZM: 1 [1 - 1 - 1].

Total Specimens for 11 May 1976: 1

6 June 1976

Ethiopia: Abore, lake: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].

Total Specimens for 6 June 1976: 1

14 June 1976

Nigeria: Pandam, lake: Smeenk, Chris and Smeenk, Nellie: RMNH: 1 [1 - 1 - 1].

Total Specimens for 14 June 1976: 1

15 June 1976

Nigeria: Pandam, lake: Smeenk, Chris and Smeenk, Nellie: RMNH: 3 [3 - 3 - 3].

Total Specimens for 15 June 1976: 3

25 June 1976

Nigeria: Jos: Bergmans, Wim: ZMA: 1 [1 - 1 - 1].

Total Specimens for 25 June 1976: 1

5 July 1976

Nigeria: Pandam: Bergmans, Wim: ZMA: 2 [2 - 2] - Pandam, lake: Bergmans, Wim: ZMA: 1 [1 - 1 - 3].

Total Specimens for 5 July 1976: 3

6 July 1976

Nigeria: Pandam: Bergmans, Wim: ZMA: 1 [1 - 1 - 1].

Total Specimens for 6 July 1976: 1

7 July 1976

Nigeria: Pandam: Bergmans, Wim: ZMA: 1 [1 - 1] - Pandam, lake: Bergmans, Wim: ZMA: 1 [1 - 1 - 2].

Total Specimens for 7 July 1976: 2

8 July 1976

Nigeria: Arusu: Bergmans, Wim: ZMA: 1 [1 - 1 - 1].

Total Specimens for 8 July 1976: 1

11 July 1976

Nigeria: Pandam, lake: Bergmans, Wim: ZMA: 1 [1 - 1 - 1].**South Africa:** Pietermaritzburg: Meester, J.A.J. "Waldo": SMF: 1 [1 - 1 - 1].**Total Specimens for 11 July 1976: 2**

16 July 1976

Ethiopia: Bokonkorio: Ash, J.S.: SMF: 3 [3 - 3 - 3].**Total Specimens for 16 July 1976: 3**

18 July 1976

South Africa: Pietermaritzburg: Meester, J.A.J. "Waldo": SMF: 1 [1 - 1 - 1].**Total Specimens for 18 July 1976: 1**

21 July 1976

South Africa: Pietermaritzburg: Meester, J.A.J. "Waldo": SMF: 1 [1 - 1 - 1].**Total Specimens for 21 July 1976: 1**

24 July 1976

Kenya: Lukore area: Ithia, J.M.K.: ROM: 1 [1 - 1 - 1].**Total Specimens for 24 July 1976: 1**

29 July 1976

Burundi: Bweru: Verschuren, Jacques: KBIN: 1 [1 - 1 - 1].**Total Specimens for 29 July 1976: 1**

6 August 1976

Nigeria: Ibadan: Bergmans, Wim: ZMA: 1 [1 - 1 - 1].**Total Specimens for 6 August 1976: 1**

9 August 1976

Nigeria: Ibadan: Bergmans, Wim: ZMA: 4 [4 - 4 - 4].**Total Specimens for 9 August 1976: 4**

17 August 1976

South Africa: Farm Bokveld, on Limpopo River: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 17 August 1976: 1**

19 August 1976

Botswana: Toteng: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].**Total Specimens for 19 August 1976: 1**

27 August 1976

Nigeria: Agege: Bergmans, Wim: ZMA: 1 [1 - 1 - 1].**Total Specimens for 27 August 1976: 1**

28 August 1976

Nigeria: Agege: Bergmans, Wim: ZMA: 1 [1 - 1 - 1].

Total Specimens for 28 August 1976: 1

20 September 1976

South Africa: Bloemfontein: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].**Total Specimens for 20 September 1976: 1**

27 September 1976

Nigeria: Agege: De Boer, P. and De Boer, A.: ZMA: 4 [4 - 4 - 4].**Total Specimens for 27 September 1976: 4**

11 October 1976

Ethiopia: Koka: Rupp, Hans: SMNS: 1 [1 - 1 - 1].**Total Specimens for 11 October 1976: 1**

19 October 1976

Ethiopia: Gowane: Rupp, Hans: SMNS: 2 [2 - 2 - 2].**Total Specimens for 19 October 1976: 2**

22 October 1976

Ethiopia: Gowane: Rupp, Hans: SMNS: 4 [4 - 4 - 4].**Total Specimens for 22 October 1976: 4**

27 October 1976

Kenya: Kenya: Davey: HZM: 1 [1 - 1 - 1].**Total Specimens for 27 October 1976: 1**

30 October 1976

Niger: Maradi: Kock, Dieter: SMF: 2 [2 - 2 - 2].**Total Specimens for 30 October 1976: 2**

31 October 1976

Niger: Maradi: Kock, Dieter: SMF: 1 [1 - 1 - 1].**Total Specimens for 31 October 1976: 1**

6 December 1976

Kenya: Inyokomi: Kyongo, Robert N.: RMNH: 1 [1 - 1 - 1].**Total Specimens for 6 December 1976: 1**

3 January 1977

South Africa: Vernon Crookes Nature Reserve: ?: Collector Unknown: TM: 1 [1 - 1] - Vernon Crookes Nature Reserve: Sowler, G.A.: TM: 1 [1 - 1 - 2].**Total Specimens for 3 January 1977: 2**

8 January 1977

South Africa: Farm Keikamspoor 71: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2 - 2].**Total Specimens for 8 January 1977: 2**

21 January 1977

Sudan: Tonj: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].**Total Specimens for 21 January 1977: 1**

22 January 1977

Sudan: Tonj: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].

Total Specimens for 22 January 1977: 1

3 February 1977

South Africa: Farm Keikamspoot 71: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 3 February 1977: 1

4 February 1977

South Africa: Farm Keikamspoot 71: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4 - 4 - 4].

Total Specimens for 4 February 1977: 4

6 February 1977

South Africa: Farm Keikamspoot 71: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 14 [14 - 14] - Mockford's garden:
Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 15].

Total Specimens for 6 February 1977: 15

7 February 1977

South Africa: Farm Keikamspoot 71: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4 - 4 - 4].

Total Specimens for 7 February 1977: 4

8 February 1977

South Africa: Farm Keikamspoot 71: Collector Unknown: TM: 3 [3]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 4 - 4].

Total Specimens for 8 February 1977: 4

17 February 1977

Sudan: Nzara: Arata: BMNH: 1 [1 - 1 - 1].

Total Specimens for 17 February 1977: 1

26 February 1977

Sudan: Gilo, 5 mi S: Archer, A.L.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 26 February 1977: 1

28 February 1977

Sudan: Gilo, 5 mi S: Archer, A.L.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 28 February 1977: 1

1 March 1977

Kenya: Kivondo Forest: McWilliam, A.N.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 1 March 1977: 1

25 March 1977

Sudan: Bangangai forest: Archer, A.L.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 25 March 1977: 1

26 March 1977

South Africa: Huwi Private Nature Reserve: Schlitter, Duane A. (dr.): CM: 1 [1 - 1 - 1].

Total Specimens for 26 March 1977: 1

27 April 1977

Namibia: Farm Kanaän: Schlitter, Duane A. (dr.): CM: 1 [1 - 1 - 1].

South Africa: Farm Malata: ?: Collector Unknown: TM: 1 [1 - 1] - Farm Malta: ?: Collector Unknown: TM: 1 [1 - 1 - 2].

Total Specimens for 27 April 1977: 3

28 April 1977

Namibia: Farm Kanaän: Schlitter, Duane A. (dr.): CM: 2 [2 - 2 - 2].

Total Specimens for 28 April 1977: 2

29 April 1977

Namibia: Farm Kanaän: Schlitter, Duane A. (dr.): CM: 5 [5 - 5 - 5].

South Africa: The Downs: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 29 April 1977: 7

30 April 1977

Namibia: Farm Kanaän: Schlitter, Duane A. (dr.): CM: 2 [2 - 2 - 2].

Total Specimens for 30 April 1977: 2

1 May 1977

South Africa: The Downs: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 1 May 1977: 1

3 May 1977

Namibia: Farm Kanaän: Schlitter, Duane A. (dr.): TM: 2 [2 - 2 - 2].

Total Specimens for 3 May 1977: 2

4 May 1977

South Africa: The Downs: ?: Collector Unknown: TM: 9 [9 - 9 - 9].

Total Specimens for 4 May 1977: 9

8 May 1977

South Africa: Augrabies Falls National Park: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 1 [1 - 1 - 1].

Total Specimens for 8 May 1977: 1

12 May 1977

Kenya: Muumandu: Kyongo, Robert N.: RMNH: 1 [1 - 1 - 1].

Total Specimens for 12 May 1977: 1

16 May 1977

South Africa: Mission Rocks: ?: Collector Unknown: TM: 4 [4 - 4 - 4].

Total Specimens for 16 May 1977: 4

23 May 1977

Kenya: Kwale: Kyongo, Robert N.: RMNH: 7 [7 - 7 - 7].

Total Specimens for 23 May 1977: 7

24 May 1977

Kenya: Kwale: Kyongo, Robert N.: RMNH: 9 [9 - 9 - 9].

Total Specimens for 24 May 1977: 9

25 May 1977

Kenya: Konza: Kyongo, Robert N.: RMNH: 1 [1 - 1 - 1].

Total Specimens for 25 May 1977: 1

27 May 1977

Kenya: Kwale: Kyongo, Robert N.: RMNH: 1 [1 - 1] - Shimba Hills: Kyongo, Robert N.: RMNH: 1 [1 - 1 - 2].

Total Specimens for 27 May 1977: 2

30 May 1977

Kenya: Kwale: Kyongo, Robert N.: RMNH: 11 [11 - 11 - 11].

Total Specimens for 30 May 1977: 11

1 June 1977

Kenya: Kwale: Kyongo, Robert N.: RMNH: 1 [1 - 1] - Shimba Hills: Kyongo, Robert N.: RMNH: 2 [2 - 2 - 3].
Tanzania: Behobeho: Msuya, C.A.: SMF: 1 [1 - 1 - 1].

Total Specimens for 1 June 1977: 4

16 June 1977

South Africa: Farm Modderfontein, Howel Davies Caves: Jacobsen, N: TM: 3 [3 - 3 - 3].

Total Specimens for 16 June 1977: 3

23 June 1977

Kenya: Kiu: Kyongo, Robert N.: RMNH: 1 [1 - 1 - 1].

Total Specimens for 23 June 1977: 1

25 July 1977

The Gambia: Walikunda: Brownlow, I.P.: HZM: 1 [1 - 1 - 1].

Total Specimens for 25 July 1977: 1

26 July 1977

The Gambia: Brikama Bar: Brownlow, I.P.: HZM: 1 [1 - 1] - Walikunda: Brownlow, I.P.: HZM: 5 [5 - 5 - 6].

Total Specimens for 26 July 1977: 6

1 August 1977

Namibia: Namibia Desert Research Station [= DERU]: Richardson, P.: TM: 10 [10 - 10 - 10].

Total Specimens for 1 August 1977: 10

11 August 1977

The Gambia: Walikunda: Brownlow, I.P.: HZM: 1 [1 - 1 - 1].

Total Specimens for 11 August 1977: 1

13 August 1977

South Africa: Farm Ratsegaai 204: de Jager, J.G.: TM: 1 [1 - 1 - 1].

Total Specimens for 13 August 1977: 1

20 August 1977

Kenya: Katilo: Weavers: BMNH: 1 [1 - 1 - 1].

Total Specimens for 20 August 1977: 1

28 August 1977

Kenya: Katilo: Kock, Dieter: BMNH: 1 [1 - 1 - 1].

Total Specimens for 28 August 1977: 1

31 August 1977

South Africa: Farm Ratsegaai 204: de Jager, J.G.: TM: 2 [2 - 2 - 2].

Total Specimens for 31 August 1977: 2

8 September 1977

South Africa: : Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): MMK: 1 [1 - 1] - Augrabies Falls National Park: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 1 [1 - 1 - 2].

Total Specimens for 8 September 1977: 2

15 September 1977

South Africa: Bloemfontein: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 15 September 1977: 1

6 October 1977

South Africa: Farm Narap: Dippenaar, N.J. (dr.): TM: 2 [2 - 2] - Marop: Dippenaar, N.J. (dr.): TM: 1 [1 - 1 - 3].

Total Specimens for 6 October 1977: 3

10 October 1977

South Africa: Farm Kersbos: Dippenaar, N.J. (dr.): TM: 10 [10 - 10 - 10].

Total Specimens for 10 October 1977: 10

16 October 1977

South Africa: Farm Kersbos: Dippenaar, N.J. (dr.): TM: 1 [1 - 1 - 1].

Total Specimens for 16 October 1977: 1

18 October 1977

Botswana: Drodsky cave: Boesneck, J.: SMF: 3 [3 - 3 - 3].

Total Specimens for 18 October 1977: 3

17 November 1977

South Africa: Farm Marthavale: de Jager, J.G.: TM: 4 [4 - 4 - 4].

Total Specimens for 17 November 1977: 4

26 November 1977

Kenya: Muumandu: Kyongo, Robert N.: RMNH: 1 [1 - 1 - 1].

South Africa: Farm Marthavale: de Jager, J.G.: TM: 1 [1 - 1 - 1].

Total Specimens for 26 November 1977: 2

27 November 1977

Kenya: Muumandu: Kyongo, Robert N.: RMNH: 4 [4 - 4 - 4].

Total Specimens for 27 November 1977: 4

28 November 1977

Kenya: Muumandu: Kyongo, Robert N.: RMNH: 1 [1 - 1 - 1].

Total Specimens for 28 November 1977: 1

29 November 1977

Kenya: Muumandu: Kyongo, Robert N.: RMNH: 1 [1 - 1 - 1].

Total Specimens for 29 November 1977: 1

4 December 1977

South Africa: Farm Makalali: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 4 December 1977: 1

8 December 1977

South Africa: Farm Makalali: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 8 December 1977: 1

12 December 1977

South Africa: Makalali Farm: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 12 December 1977: 2

13 December 1977

Kenya: Kiboko: Kyongo, Robert N.: RMNH: 2 [2 - 2 - 2].

Sudan: Torit, 80 km E: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].

Total Specimens for 13 December 1977: 3

15 December 1977

Kenya: Kiboko: Kyongo, Robert N.: RMNH: 1 [1 - 1 - 1].

Sudan: Torit, 80 km E: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].

Total Specimens for 15 December 1977: 2

16 December 1977

Kenya: Kiboko: Kyongo, Robert N.: RMNH: 1 [1 - 1 - 1].

Total Specimens for 16 December 1977: 1

17 December 1977

Sudan: Kapoeta: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].

Total Specimens for 17 December 1977: 1

31 December 1977

Sudan: Nagishot: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].

Total Specimens for 31 December 1977: 1

2 January 1978

South Africa: Vernon Crooks Nature Reserve: Sowler, G.A.: TM: 1 [1 - 1 - 1].

Total Specimens for 2 January 1978: 1

3 January 1978

South Africa: Vernon Crookes Nature Reserve: ?: Collector Unknown: TM: 13 [13 - 13] - Vernon Crooks Nature Reserve: Sowler, G.: TM: 1 [1]; Sowler, G.A.: TM: 15 [15 - 16 - 29].

Total Specimens for 3 January 1978: 29

4 January 1978

South Africa: Vernon Crooks Nature Reserve: Sowler, G.A.: TM: 1 [1 - 1 - 1].

Sudan: Gilo: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].

Total Specimens for 4 January 1978: 2

5 January 1978

Sudan: Gilo: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].**Total Specimens for 5 January 1978: 1**

23 January 1978

South Africa: Vernon Crookes Nature Reserve: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 23 January 1978: 1**

29 January 1978

Nigeria: Alimbo Ferry Road: Reid, C.J.: BMNH: 1 [1 - 1 - 1].**Total Specimens for 29 January 1978: 1**

3 February 1978

South Africa: Craigadam: Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel: TM: 1 [1 - 1 - 1].**Total Specimens for 3 February 1978: 1**

8 February 1978

South Africa: : Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel, J.: TM: 4 [4 - 4] - Cederberg, Algeria State Forest, campsite:
Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel, J.: TM: 6 [6 - 6 - 10].**Total Specimens for 8 February 1978: 10**

9 February 1978

South Africa: : Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel, J.: TM: 1 [1 - 1] - Cederberg, Algeria State Forest, campsite: ?:
Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel, J.: TM: 2 [2 - 3] - Madimbo Military area:
Ellis, S.: TM: 1 [1 - 1 - 5].**Total Specimens for 9 February 1978: 5**

10 February 1978

South Africa: : Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel, J.: TM: 1 [1 - 1] - Cederberg, Algeria State Forest, campsite:
Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel, J.: TM: 5 [5 - 5] - Mockford's garden: Rautenbach, Ignatius L. (Dr.)
[=Naas] and Nel, J.: TM: 1 [1 - 1 - 7].**Total Specimens for 10 February 1978: 7**

11 February 1978

South Africa: Cederberg, Algeria State Forest, campsite: Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel, J.: TM: 2 [2 - 2 - 2].**Total Specimens for 11 February 1978: 2**

9 March 1978

South Africa: Waterkloof: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 9 March 1978: 1**

15 March 1978

Zimbabwe: Chirinda Pools: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].**Total Specimens for 15 March 1978: 1**

26 March 1978

Ethiopia: Lalibela: ?: Collector Unknown: MZUF: 4 [4 - 4 - 4].**Total Specimens for 26 March 1978: 4**

29 March 1978

South Africa: Dumisa Gold Mine: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 29 March 1978: 2

1 April 1978

South Africa: Kabusi Forest station: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Transvaal Museum workshop: de Jager, J.G.: TM: 1 [1 - 1 - 2].

Total Specimens for 1 April 1978: 2

2 April 1978

Senegal: Ba-Foula-Bé: KUL-expeditie (Katholieke Universiteit Leuven): RMCA: 2 [2 - 2 - 2].

Total Specimens for 2 April 1978: 2

3 April 1978

Senegal: Badi: KUL-expeditie (Katholieke Universiteit Leuven): RMCA: 1 [1 - 1 - 1].

Total Specimens for 3 April 1978: 1

12 April 1978

South Africa: Doornhoek: ?: Collector Unknown: TM: 3 [3 - 3 - 3].

Total Specimens for 12 April 1978: 3

18 April 1978

Sierra Leone: Fadugu: Krebs, John W.: USNM: 1 [1 - 1 - 1].

South Africa: Brits: Jacobsen, N.: TM: 1 [1 - 1 - 1].

Total Specimens for 18 April 1978: 2

25 April 1978

Sierra Leone: Hanjama, 1 mi S: Krebs, John W.: USNM: 1 [1 - 1 - 1].

Total Specimens for 25 April 1978: 1

26 April 1978

Sierra Leone: Segbwemba: Krebs, John W.: USNM: 2 [2 - 2 - 2].

Total Specimens for 26 April 1978: 2

4 May 1978

Sierra Leone: Segbwemba: Krebs, John W.: USNM: 1 [1 - 1 - 1].

Total Specimens for 4 May 1978: 1

16 May 1978

Sierra Leone: Konia, 5 mi SE: Krebs, John W.: USNM: 1 [1 - 1 - 1].

Total Specimens for 16 May 1978: 1

17 May 1978

South Africa: Groendal Wilderness Area: ?: Collector Unknown: TM: 3 [3 - 3 - 3].

Total Specimens for 17 May 1978: 3

19 May 1978

South Africa: Groendal Wilderness Area: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 19 May 1978: 1

22 May 1978

South Africa: Ladybrand: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 22 May 1978: 1

30 May 1978

Namibia: Ganab water hole: Rautenbach, Ignatius L. (Dr.) [=Naas] and Coetzee, C.G.: TM: 2 [2 - 2 - 2].

Total Specimens for 30 May 1978: 2

31 May 1978

Namibia: Ganab water hole: Rautenbach, Ignatius L. (Dr.) [=Naas] and Coetzee, C.G.: TM: 2 [2 - 2 - 2].

Total Specimens for 31 May 1978: 2

1 June 1978

Namibia: Bats Hole: Coetzee, C.G.: TM: 3 [3]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 4] - Bat's hole [=Bats cave]: ?:
Collector Unknown: TM: 2 [2 - 2 - 6].

Total Specimens for 1 June 1978: 6

16 June 1978

Sierra Leone: Yengewa, 0.5 mi E: Krebs, John W.: USNM: 1 [1 - 1 - 1].

Total Specimens for 16 June 1978: 1

17 June 1978

Central African Republic: Gounda camp: Buchanan, S.A.: CM: 1 [1 - 1 - 1].

Total Specimens for 17 June 1978: 1

18 June 1978

Central African Republic: Gounda camp: ? : Collector Unknown: CM: 2 [2 - 2 - 2].
Kenya: Kyangili: Kyongo, Robert N.: RMNH: 1 [1 - 1 - 1].

Total Specimens for 18 June 1978: 3

28 June 1978

Cameroon: Yaoundé, 9 km S, 10 km W: Robbins, Lynn W.: CM: 1 [1]; Robbins, Lynn W. and Robbins, R. Laurie: CM: 11 [11];
Robbins, Lynn W. and Williams, S.L.: CM: 2 [2 - 14 - 14].

Total Specimens for 28 June 1978: 14

1 July 1978

Cote D'Ivoire: Lamto Ecology Station: Fenton, M. Brock: ROM: 1 [1 - 1 - 1].

Total Specimens for 1 July 1978: 1

2 July 1978

Sudan: Talanga forest: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].

Total Specimens for 2 July 1978: 1

4 July 1978

Cameroon: Obala, 30 km N, 40 km E: Robbins, Lynn W. and Robbins, R. Laurie: CM: 1 [1 - 1 - 1].

Total Specimens for 4 July 1978: 1

7 July 1978

Cameroon: Yaoundé, 7 km S, 8 km W: Robbins, Lynn W.: CM: 1 [1]; Robbins, Lynn W. and Robbins, R. Laurie: CM: 4 [4];
Williams, S.L.: CM: 1 [1 - 6 - 6].

Sierra Leone: Panguma, 10 mi N: Krebs, John W.: USNM: 1 [1 - 1 - 1].

Total Specimens for 7 July 1978: 7

8 July 1978

Liberia: Sanniquellie, 5 mi S: Wolton, R.J. - [Oxford University Expedition to Mt Nimba]: BMNH: 1 [1 - 1 - 1].**Total Specimens for 8 July 1978: 1**

11 July 1978

Liberia: Grassfield: Wolton, R.J. - [Oxford University Expedition to Mt Nimba]: BMNH: 1 [1 - 1 - 1].**Total Specimens for 11 July 1978: 1**

14 July 1978

Cameroon: Ngaoundere: Williams, S.H.: CM: 1 [1 - 1 - 1].**Total Specimens for 14 July 1978: 1**

17 July 1978

Cameroon: Ngaoundere, 13 km S: Robbins, Lynn W.: CM: 1 [1 - 1 - 1].
Sudan: Kajiko North: Nikolaus, G.: SMNS: 2 [2 - 2 - 2].**Total Specimens for 17 July 1978: 3**

19 July 1978

Sudan: Kajiko North: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].**Total Specimens for 19 July 1978: 1**

20 July 1978

Kenya: Shimba Hills: Kyongo, Robert N.: RMNH: 1 [1 - 1 - 1].**Total Specimens for 20 July 1978: 1**

22 July 1978

Cameroon: Garoua, 24 km S, 13 km E: Robbins, Lynn W.: CM: 1 [1 - 1 - 1].**Total Specimens for 22 July 1978: 1**

25 July 1978

Kenya: Kwale: Kyongo, Robert N.: RMNH: 3 [3 - 3 - 3].
Sudan: Kajo Kaji, 10 mi W: Nikolaus, G.: SMNS: 3 [3 - 3 - 3].**Total Specimens for 25 July 1978: 6**

26 July 1978

Liberia: Grassfield: Wolton, R.J. - [Oxford University Expedition to Mt Nimba]: BMNH: 1 [1 - 1 - 1].**Total Specimens for 26 July 1978: 1**

27 July 1978

Liberia: South Nimba: Wolton, R.J. - [Oxford University Expedition to Mt Nimba]: BMNH: 1 [1 - 1 - 1].
Sudan: Korobi, mount: Nikolaus, G.: SMNS: 2 [2 - 2 - 2].**Total Specimens for 27 July 1978: 3**

29 July 1978

Kenya: Shimba Hills: Kyongo, Robert N.: RMNH: 2 [2 - 2 - 2].**Total Specimens for 29 July 1978: 2**

30 July 1978

Kenya: Coast province: Kyongo, Robert N.: RMNH: 1 [1 - 1] - Shimba Hills: Kyongo, Robert N.: RMNH: 1 [1 - 1 - 2].

Total Specimens for 30 July 1978: 2

1 August 1978

Cameroon: Ambam, 13 km S, 5 km E: Robbins, Lynn W.: CM: 2 [2]; Robbins, Lynn W. and Robbins, R. Laurie: CM: 5 [5 - 7 - 7].

Total Specimens for 1 August 1978: 7

2 August 1978

Liberia: Tokaden, mount: Wolton, R.J. - [Oxford University Expedition to Mt Nimba]: BMNH: 1 [1 - 1 - 1].

Total Specimens for 2 August 1978: 1

3 August 1978

Cameroon: Ambam, 10 km S, 5 km E: Williams, S.L.: CM: 1 [1 - 1 - 1].

Total Specimens for 3 August 1978: 1

4 August 1978

Cameroon: Yaoundé, 7 km S, 8 km W: Schlitter, Duane A. (dr.) and Williams, S.L.: CM: 2 [2 - 2 - 2].

Total Specimens for 4 August 1978: 2

6 August 1978

Cameroon: Yaoundé, 16 km S, 2 km E: Schlitter, Duane A. (dr.) and Williams, S.L.: CM: 1 [1]; Williams, S.L.: CM: 1 [1 - 2] - Yaoundé, 25 km S 3 km E: Robbins, Lynn W. and Robbins, R. Laurie: CM: 1 [1 - 1 - 3].

Total Specimens for 6 August 1978: 3

7 August 1978

Cameroon: Yaoundé, 7 km S, 8 km W: Robbins, Lynn W. and Robbins, R. Laurie: CM: 1 [1]; Schlitter, Duane A. (dr.) and Williams, S.L.: CM: 1 [1 - 2 - 2].

Sudan: Maridi: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].

Total Specimens for 7 August 1978: 3

8 August 1978

Cameroon: Yaoundé, 16 km S, 2 km E: Schlitter, Duane A. (dr.): CM: 1 [1]; Schlitter, Duane A. (dr.) and Williams, S.L.: CM: 2 [2]; Williams, S.L.: CM: 2 [2 - 5] - Yaoundé, 23 km S, 1 km E: Robbins, Lynn W.: CM: 1 [1]; Robbins, Lynn W. and Robbins, R. Laurie: CM: 4 [4 - 5 - 10].

Total Specimens for 8 August 1978: 10

9 August 1978

South Africa: Cederberg, Algeria State Forest, campsite: Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel, J.: TM: 1 [1 - 1 - 1].

Total Specimens for 9 August 1978: 1

11 August 1978

Cameroon: Eseka, 3 km S, 3 km W: Schlitter, Duane A. (dr.): CM: 1 [1 - 1 - 1].

Total Specimens for 11 August 1978: 1

13 August 1978

Cameroon: Eseka, 3 km S, 3 km W: Robbins, Lynn W.: CM: 1 [1]; Robbins, Lynn W. and Robbins, R. Laurie: CM: 2 [2 - 3 - 3].

Total Specimens for 13 August 1978: 3

16 August 1978

Liberia: South Nimba: Wolton, R.J. - [Oxford University Expedition to Mt Nimba]: BMNH: 1 [1 - 1 - 1].

Total Specimens for 16 August 1978: 1

26 August 1978

Liberia: North Beeton: Wolton, R.J. - [Oxford University Expedition to Mt Nimba]: BMNH: 1 [1 - 1 - 1].

Total Specimens for 26 August 1978: 1

28 August 1978

Nigeria: Maiduguri: Ford: HZM: 1 [1 - 1 - 1].

Total Specimens for 28 August 1978: 1

8 September 1978

Ghana: Legon [Botanical Garden]: Schlitter, Duane A. (dr.): CM: 1 [1 - 1 - 1].

Total Specimens for 8 September 1978: 1

13 September 1978

Ghana: Nkawkaw, 3.25 km N, 1.33 km W: Schlitter, Duane A. (dr.): CM: 4 [4 - 4 - 4].

Total Specimens for 13 September 1978: 4

28 September 1978

Kenya: Shimba Hills: Kyongo, Robert N.: RMNH: 1 [1 - 1 - 1].

Total Specimens for 28 September 1978: 1

2 October 1978

Central African Republic: Koumbala Camp: Buchanan, S.A.: CM: 1 [1 - 1 - 1].

Total Specimens for 2 October 1978: 1

9 October 1978

Central African Republic: Gounda camp: Buchanan, S.A.: CM: 3 [3 - 3 - 3].

Total Specimens for 9 October 1978: 3

13 October 1978

Central African Republic: Gounda camp: Buchanan, S.A.: CM: 9 [9 - 9 - 9].

Total Specimens for 13 October 1978: 9

14 October 1978

Central African Republic: Gounda camp: Buchanan, S.A.: CM: 7 [7 - 7 - 7].

Total Specimens for 14 October 1978: 7

21 October 1978

Central African Republic: Ndele and Vakaga, between: Buchanan, S.A.: CM: 1 [1 - 1 - 1].

Total Specimens for 21 October 1978: 1

23 October 1978

South Africa: Munthuse, Visagie Street: ? : Collector Unknown: TM: 1 [1 - 1] - Pretoria: Groenewald: TM: 1 [1 - 1 - 2].

Total Specimens for 23 October 1978: 2

24 October 1978

Central African Republic: Koumbala Camp: Buchanan, S.A.: CM: 3 [3 - 3 - 3].

Total Specimens for 24 October 1978: 3

25 October 1978

Central African Republic: Koumbala Camp: Buchanan, S.A.: CM: 1 [1 - 1 - 1].

Total Specimens for 25 October 1978: 1

26 October 1978

Central African Republic: Koumbala Camp, 11.5 km NW: Buchanan, S.A.: CM: 1 [1 - 1 - 1].

Total Specimens for 26 October 1978: 1

1 November 1978

Egypt: Dandarah: Tattarsal, I.: AMNH: 1 [1 - 1 - 1].

South Africa: De Hoop Provincial Nature Reserve: ?: Collector Unknown: TM: 13 [13]; Herselmann, J.: TM: 12 [12 - 25 - 25].

Total Specimens for 1 November 1978: 26

7 November 1978

South Africa: Dumisa Gold Mine: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 7 November 1978: 1

26 November 1978

Kenya: Langata forest: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].

Total Specimens for 26 November 1978: 1

7 December 1978

South Africa: Dumisa Gold Mine: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 7 December 1978: 1

8 December 1978

South Africa: Baberton: ?: Collector Unknown: TM: 5 [5 - 5] - Barberton [=Umhlumna]: Ginn, P.J.: TM: 2 [2 - 2 - 2].

Total Specimens for 8 December 1978: 7

11 December 1978

South Africa: Baberton: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 11 December 1978: 1

12 December 1978

South Africa: Baberton: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 12 December 1978: 2

13 December 1978

South Africa: Baberton: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 13 December 1978: 1

15 December 1978

Sierra Leone: Yengema: Krebs, John W.: USNM: 9 [9 - 9 - 9].

Total Specimens for 15 December 1978: 9

1 January 1979

Nigeria: Kano: Crick: HZM: 1 [1 - 1 - 1].

Total Specimens for 1 January 1979: 1

4 January 1979

Namibia: Sesfontein: Coetzee, C.G.: SMW: 1 [1 - 1 - 1].

Total Specimens for 4 January 1979: 1

7 January 1979

South Africa: Ventersburg: ?: Collector Unknown: NMB: 2 [2 - 2 - 2].

Total Specimens for 7 January 1979: 2

9 January 1979

South Africa: Farm Goedhoek [=Goudhoek]: Wolhuter, D.A.: TM: 2 [2 - 2] - King Williamstown: Wingate, Lloyd R.: KM: 1 [1 - 1 - 3].

Total Specimens for 9 January 1979: 3

15 January 1979

South Africa: King Williamstown: Wingate, Lloyd R.: KM: 1 [1 - 1 - 1].

Total Specimens for 15 January 1979: 1

16 January 1979

South Africa: Stormsriver State Forest Station: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 16 January 1979: 1

22 January 1979

South Africa: Karoo National Park: ?: Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]; de Jager and de Graaff: TM: 2 [2 - 3 - 3].

Total Specimens for 22 January 1979: 3

29 January 1979

South Africa: Dumisa gold mine: Wolhuter, D.A.: TM: 1 [1 - 1 - 1].

Total Specimens for 29 January 1979: 1

30 January 1979

South Africa: Karoo National Park: ?: Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas] and de Jager: TM: 1 [1 - 2 - 2].

Total Specimens for 30 January 1979: 2

5 February 1979

Sudan: Didinga mountains, western foothills: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].

Total Specimens for 5 February 1979: 1

7 February 1979

Sudan: Didinga mountains, western foothills: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].

Total Specimens for 7 February 1979: 1

9 February 1979

South Africa: Farm Goedhoek [=Goudhoek]: Wolhuter, D.A.: TM: 4 [4 - 4 - 4].

Total Specimens for 9 February 1979: 4

10 February 1979

South Africa: Kammannassie M.C.A [Camp 2]: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 10 February 1979: 1

15 February 1979

South Africa: Stormsriver State Forest Station: Rautenbach, Ignatius L. (Dr.) [=Naas] and de Jager: TM: 6 6 - 6 - 6].

Total Specimens for 15 February 1979: 6

16 February 1979

South Africa: Stormsriver State Forest Station: Rautenbach, Ignatius L. (Dr.) [=Naas] and de Jager: TM: 7 7 - 7 - 7].

Total Specimens for 16 February 1979: 7

17 February 1979

Sudan: Jebel Kasangor: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].

Total Specimens for 17 February 1979: 1

23 February 1979

Sudan: Boma mountains, west foothills: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].

Total Specimens for 23 February 1979: 1

27 February 1979

Algeria: Pool: James, D.K.: BMNH: 1 [1 - 1 - 1].

Total Specimens for 27 February 1979: 1

28 February 1979

Burundi: Resha: Stephan, Heinz: SMF: 2 [2 - 2 - 2].

South Africa: Hilton, Town Bush cave: Wolhuter, D.A.: TM: 1 [1 - 1 - 1].

Total Specimens for 28 February 1979: 3

1 March 1979

Burundi: Resha: Stephan, Heinz: SMF: 1 [1 - 1 - 1].

Total Specimens for 1 March 1979: 1

3 March 1979

Burundi: Resha: Stephan, Heinz: SMF: 1 [1 - 1 - 1].

Total Specimens for 3 March 1979: 1

6 March 1979

Burundi: Rutana: Stephan, Heinz: SMF: 1 [1 - 1 - 1].

Total Specimens for 6 March 1979: 1

8 March 1979

Kenya: Konza: Kyongo, Robert N.: RMNH: 1 [1 - 1 - 1].

Total Specimens for 8 March 1979: 1

12 March 1979

Burundi: Kayanza: Stephan, Heinz: SMF: 1 [1 - 1 - 1].

Total Specimens for 12 March 1979: 1

22 March 1979

Namibia: Sesfontein: Simoes: SMW: 1 [1 - 1 - 1].

Total Specimens for 22 March 1979: 1

31 March 1979

Sudan: Boro river: Nikolaus, G.: SMNS: 1 [1 - 1] - Boro river, 25 km N: Nikolaus, G.: SMNS: 1 [1 - 1 - 2].

Total Specimens for 31 March 1979: 2

3 April 1979

Burundi: Resha: Stephan, Heinz: SMF: 2 [2 - 2 - 2].

Total Specimens for 3 April 1979: 2

4 April 1979

Burundi: Resha: Stephan, Heinz: SMF: 1 [1 - 1 - 1].

Total Specimens for 4 April 1979: 1

5 April 1979

Congo (Democratic Republic of the): Kamueshi: Nsankulu Betu: RMCA: 1 [1 - 1 - 1].

Sudan: Rikki river: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].

Total Specimens for 5 April 1979: 2

14 April 1979

South Africa: Ngubevu mine: Wolhuter, D.A.: TM: 4 [4 - 4 - 4].

Total Specimens for 14 April 1979: 4

15 April 1979

Kenya: Karen [=Nairobi Fort]: Stephan, Heinz: SMF: 1 [1 - 1 - 1].

Total Specimens for 15 April 1979: 1

24 April 1979

Kenya: Diani Beach, 10 km S: Stephan, Heinz: SMF: 4 [4 - 4 - 4].

Total Specimens for 24 April 1979: 4

26 April 1979

Kenya: Bushwacker's Safari Camp: Stephan, Heinz: SMF: 2 [2 - 2 - 2].

Total Specimens for 26 April 1979: 2

3 May 1979

Kenya: Kakamega forest: Stephan, Heinz: SMF: 3 [3 - 3 - 3].

South Africa: Hilton, Town Bush cave: Wolhuter, D.A.: TM: 2 [2 - 2 - 2].

Total Specimens for 3 May 1979: 5

6 May 1979

South Africa: Dumisa Gold Mine: ?: Collector Unknown: TM: 2 [2 - 2] - Mockford's garden: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Pafuri: ?: Collector Unknown: TM: 2 [2]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 3 - 6].

Total Specimens for 6 May 1979: 6

7 May 1979

South Africa: Pafuri: ?: Collector Unknown: NMB: 1, TM: 4 [5 - 5 - 5].

Total Specimens for 7 May 1979: 5

8 May 1979

South Africa: Mockford's garden: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3] - Pafuri: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 4].

Total Specimens for 8 May 1979: 4

9 May 1979

South Africa: Pafuri: ?: Collector Unknown: TM: 5 [5 - 5 - 5].

Total Specimens for 9 May 1979: 5

10 May 1979

South Africa: Mockford's garden: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - Pafuri: ?: Collector Unknown: TM: 1 [1 - 1 - 3].

Total Specimens for 10 May 1979: 3

11 May 1979

South Africa: Mockford's garden: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - Pafuri: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 3].

Total Specimens for 11 May 1979: 3

12 May 1979

South Africa: Mockford's garden: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - Pafuri: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 3].

Total Specimens for 12 May 1979: 3

15 May 1979

South Africa: Matukwata Dam: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 15 May 1979: 1

16 May 1979

South Africa: Matukwata Dam: ?: Collector Unknown: TM: 2 [2 - 2] - Punda Malia: ?: Collector Unknown: TM: 5 [5 - 5] - Punda Malia Camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Tshalungwa Fountain [=Shalungwafontein, Tshalungwafontein]: ?: Collector Unknown: TM: 1 [1 - 1 - 9].

Total Specimens for 16 May 1979: 9

17 May 1979

South Africa: Dzundwini: ?: Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 2 - 2].

Total Specimens for 17 May 1979: 2

23 May 1979

Namibia: Sesfontein: Simoes: SMW: 1 [1 - 1 - 1].

Total Specimens for 23 May 1979: 1

30 May 1979

South Africa: Dumisa gold mine: Wolhuter, D.A.: TM: 1 [1 - 1 - 1].

Total Specimens for 30 May 1979: 1

6 June 1979

South Africa: Umdoni Park: Wolhuter, D.A.: TM: 2 [2 - 2 - 2].

Total Specimens for 6 June 1979: 2

8 June 1979

South Africa: Mockford Garden: ?: Collector Unknown: TM: 1 [1 - 1] - Mockford's garden: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Pafuri: ?: Collector Unknown: TM: 1 [1 - 1 - 3].

Total Specimens for 8 June 1979: 3

10 June 1979

Congo (Democratic Republic of the): Yalosemba: Robbins, Lynn W. and Robbins, C. Brian: CM: 1 [1 - 1 - 1].

Total Specimens for 10 June 1979: 1

16 June 1979

Burundi: Resha: Stephan, Heinz: SMF: 1 [1 - 1 - 1].

Total Specimens for 16 June 1979: 1

17 June 1979

Congo (Democratic Republic of the): Yalosemba: Robbins, C. Brian: USNM: 2 [2]; Robbins, Lynn W. and Robbins, C. Brian: CM: 1 [1 - 3 - 3].

Total Specimens for 17 June 1979: 3

18 June 1979

Central African Republic: Badingua: Spinage, C.A. (dr.): BMNH: 1 [1 - 1 - 1].

Total Specimens for 18 June 1979: 1

20 June 1979

Central African Republic: Bamingui: Spinage, C.A. (dr.): BMNH: 2 [2 - 2 - 2].

Total Specimens for 20 June 1979: 2

23 June 1979

Congo (Democratic Republic of the): Yalosemba: Robbins, Lynn W. and Robbins, C. Brian: CM: 1 [1 - 1 - 1].

Total Specimens for 23 June 1979: 1

24 June 1979

Central African Republic: Koumbala Camp: Buchanan, S.A.: CM: 1 [1 - 1 - 1].

Total Specimens for 24 June 1979: 1

27 June 1979

Congo (Democratic Republic of the): Yalosemba: Robbins, C. Brian: USNM: 1 [1 - 1 - 1].

Total Specimens for 27 June 1979: 1

28 June 1979

Congo (Democratic Republic of the): Yalosemba: Robbins, Lynn W. and Robbins, C. Brian: CM: 1 [1 - 1 - 1].

Total Specimens for 28 June 1979: 1

29 June 1979

Central African Republic: Koumbala Camp: Buchanan, S.A.: CM: 2 [2 - 2 - 2].

Total Specimens for 29 June 1979: 2

4 July 1979

Egypt: Aswan: Robbins, Lynn W.: CM: 1 [1 - 1] - Edfu: Helmy, Ibrahim: CM: 7 [7 - 7 - 8].

Total Specimens for 4 July 1979: 8

5 July 1979

South Africa: Crocodile Bridge Rest Camp:?: Collector Unknown: TM: 12 [12 - 12 - 12].

Total Specimens for 5 July 1979: 12

7 July 1979

Congo (Democratic Republic of the): Tandala: Robbins, C. Brian: USNM: 1 [1]; Robbins, Lynn W. and Robbins, C. Brian:

CM: 2 [2 - 3 - 3].

South Africa: Malelane: ?: Collector Unknown: TM: 10 [10 - 10 - 10].

Total Specimens for 7 July 1979: 13

8 July 1979

South Africa: Malelane: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

Total Specimens for 8 July 1979: 1

9 July 1979

Congo (Democratic Republic of the): Tandala: Robbins, Lynn W. and Robbins, C. Brian: CM: 3 [3 - 3 - 3].

South Africa: Malelane: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

Total Specimens for 9 July 1979: 4

10 July 1979

Congo (Democratic Republic of the): Tandala: Robbins, Lynn W. and Robbins, C. Brian: CM: 3 [3 - 3 - 3].

South Africa: Malelane: ?: Collector Unknown: TM: 1 [1 - 1] - Stoltzneck Ranger's Post: ?: Collector Unknown: TM: 1 [1 - 1 - 2].

Total Specimens for 10 July 1979: 5

11 July 1979

Congo (Democratic Republic of the): Tandala: Robbins, C. Brian: USNM: 1 [1]; Robbins, Lynn W. and Robbins, C. Brian: CM: 1 [1 - 2 - 2].

South Africa: Stoltzneck Dam: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 11 July 1979: 3

12 July 1979

Congo (Democratic Republic of the): Tandala: Robbins, Lynn W. and Robbins, C. Brian: CM: 1 [1 - 1 - 1].

Total Specimens for 12 July 1979: 1

13 July 1979

Congo (Democratic Republic of the): Tandala: Robbins, Lynn W. and Robbins, C. Brian: CM: 3 [3 - 3 - 3].

Total Specimens for 13 July 1979: 3

14 July 1979

South Africa: Skukuza: ?: Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 6 [6 - 7 - 7].

Total Specimens for 14 July 1979: 7

15 July 1979

South Africa: Skukuza: ?: Collector Unknown: TM: 7 [7]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 6 [6 - 13 - 13].

Total Specimens for 15 July 1979: 13

16 July 1979

Congo (Democratic Republic of the): Tandala: Robbins, Lynn W. and Robbins, C. Brian: CM: 4 [4 - 4 - 4].

South Africa: King Williamstown: Wingate, Lloyd R.: KM: 1 [1 - 1 - 1].

Total Specimens for 16 July 1979: 5

17 July 1979

Libya: Kouf Park lodge, 3 km S: Herbert, H.J.: CM: 1 [1 - 1 - 1].

Total Specimens for 17 July 1979: 1

18 July 1979

Congo (Democratic Republic of the): Tandala: Robbins, C. Brian: USNM: 1 [1 - 1 - 1].

Total Specimens for 18 July 1979: 1

20 July 1979

Congo (Democratic Republic of the): Tandala: Robbins, Lynn W. and Robbins, C. Brian: CM: 4 [4 - 4 - 4].**Total Specimens for 20 July 1979: 4**

6 August 1979

Egypt: Saqqara: Robbins, Lynn W.: CM: 9 [9 - 9 - 9].**Total Specimens for 6 August 1979: 9**

8 August 1979

Egypt: Edfu: Helmy, Ibrahim: CM: 2 [2]; Robbins, Lynn W.: CM: 2 [2 - 4 - 4].**Total Specimens for 8 August 1979: 4**

21 August 1979

Cote D'Ivoire: Foro Foro: Thomas: HZM: 2 [2 - 2 - 2].**Total Specimens for 21 August 1979: 2**

27 August 1979

Somalia: Giohar: ?: Collector Unknown: MZUF: 1 [1 - 1 - 1].**Total Specimens for 27 August 1979: 1**

1 September 1979

South Africa: Punda Malia: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 1 September 1979: 1**

5 September 1979

Sudan: Imatong: Nikolaus, G.: SMNS: 3 [3 - 3 - 3].**Total Specimens for 5 September 1979: 3**

7 September 1979

Sudan: Imatong: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].**Total Specimens for 7 September 1979: 1**

11 September 1979

South Africa: Levuvhu Hippo pool: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 22 [22 - 22] - Levuvhu Hippopool: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 1 [1]; Schlitter, Duane A. (dr.): CM: 2 [2 - 3 - 25].**Total Specimens for 11 September 1979: 25**

12 September 1979

South Africa: Levuvhu hippo pool: ?: Collector Unknown: TM: 3 [3 - 3] - Levuvhu Hippo pool: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 10 [10 - 10] - Levuvhu Hippopool: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 3 [3]; Schlitter, Duane A. (dr.): CM: 1 [1 - 4 - 17].**Total Specimens for 12 September 1979: 17**

13 September 1979

South Africa: Levuvhu hippo pool: ?: Collector Unknown: TM: 3 [3 - 3] - Levuvhu hippo pool: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 1 [1 - 1] - Mockford's garden: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 2 [2 - 2 - 6].**Total Specimens for 13 September 1979: 6**

14 September 1979

South Africa: Levuvhu hippo pool: ?: Collector Unknown: TM: 4 [4 - 4] - Levuvhu Hippo pool: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 9 [9 - 9] - Mockford's Garden: Schlitter, Duane A. (dr.): CM: 1 [1 - 1 - 14].

Total Specimens for 14 September 1979: 14

15 September 1979

South Africa: Levuvhu hippo pool: ?: Collector Unknown: TM: 2 [2 - 2] - Levuvhu hippo pool: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 2 [2 - 2] - Levuvhu Hippopool: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 4 [4 - 4] - Mockford's garden: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 2 [2 - 2] - Shirombe pan: ?: Collector Unknown: TM: 1 [1 - 1 - 11].

Total Specimens for 15 September 1979: 11

16 September 1979

South Africa: Stangene Dam: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 1 [1 - 1 - 1].

Total Specimens for 16 September 1979: 1

18 September 1979

South Africa: Longtoon dam: Schlitter, Duane A. (dr.): CM: 2 [2 - 2 - 2].

Total Specimens for 18 September 1979: 2

20 September 1979

South Africa: Mahembane: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 2 [2 - 2 - 2].

Total Specimens for 20 September 1979: 2

21 September 1979

South Africa: Punda Malia: ?: Collector Unknown: TM: 9 [9 - 9] - Punda Maria Camp: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 9 [9 - 9] - Punda Milia Camp: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 17 [17]; Schlitter, Duane A. (dr.): CM: 3 [3 - 20] - Tshalungwa Fountain [=Shalungwafontein, Tshalungwafontein]: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 10 [10 - 10 - 48].

Total Specimens for 21 September 1979: 48

22 September 1979

South Africa: Punda Malia: ?: Collector Unknown: TM: 1 [1 - 1] - Punda Milia Camp: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 11 [11]; Schlitter, Duane A. (dr.): CM: 2 [2 - 13] - Shashanga windmill: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 1 [1 - 1 - 15].

Total Specimens for 22 September 1979: 15

23 September 1979

South Africa: Levuvhu Hippo pool: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 1 [1 - 1] - Punda Malia: ?: Collector Unknown: TM: 1 [1 - 1] - Shashanga windmill: ?: Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 22 [22]; Schlitter, Duane A. (dr.): CM: 15 [15 - 38 - 40].

Total Specimens for 23 September 1979: 40

24 September 1979

Sudan: Kajiko North: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].

Total Specimens for 24 September 1979: 1

3 October 1979

Kenya: Watamu: Smeenk, Chris: RMNH: 1 [1 - 1 - 1].

South Africa: Otto's Bluff: ?: Collector Unknown: TM: 3 [3 - 3 - 3].

Total Specimens for 3 October 1979: 4

4 October 1979

South Africa: Luckhoff: ?: Collector Unknown: NMB: 2 [2 - 2 - 2].

Total Specimens for 4 October 1979: 2

5 October 1979

Kenya: Sokoke forest: Bergmans, Wim: ZMA: 1 [1]; Bergmans, Wim and Bergmans, E.: ZMA: 2 [2 - 3 - 3].

Total Specimens for 5 October 1979: 3

6 October 1979

Kenya: Sokoke forest: Smeenk, Chris: RMNH: 1 [1 - 1 - 1].

Total Specimens for 6 October 1979: 1

8 October 1979

Kenya: Sokoke forest: Bergmans, Wim: ZMA: 2 [2]; Bergmans, Wim and Bergmans, E.: ZMA: 1 [1 - 3 - 3].
Sudan: Lotti forest: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].

Total Specimens for 8 October 1979: 4

9 October 1979

South Africa: : de Kock, P.W.: TM: 5 [5 - 5] - Mkuzi River: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Saasveld Forestry College: de Kock, P.W.: TM: 10 [10 - 10 - 16].

Total Specimens for 9 October 1979: 16

11 October 1979

Kenya: Sokoke forest: Bergmans, Wim: ZMA: 1 [1]; Bergmans, Wim and Bergmans, E.: ZMA: 1 [1]; Smeenk, Chris: RMNH: 1 [1 - 3 - 3].

Total Specimens for 11 October 1979: 3

14 October 1979

Kenya: Sokoke forest: Smeenk, Chris: RMNH: 1 [1 - 1 - 1].

Total Specimens for 14 October 1979: 1

16 October 1979

Kenya: Shimba Hills: Bergmans, Wim and Bergmans, E.: ZMA: 2 [2 - 2 - 2].
Namibia: Jack Scott Bridge: Coetzee, C.G. and Rautenbach, Ignatius L. (Dr.) [=Naas];: TM: 1 [1 - 1 - 1].

Total Specimens for 16 October 1979: 3

17 October 1979

Kenya: Diani Forest: Bergmans, Wim: ZMA: 4 [4]; Smeenk, Chris: RMNH: 2 [2 - 6 - 6].

Total Specimens for 17 October 1979: 6

19 October 1979

Kenya: Diani Forest: Smeenk, Chris: RMNH: 1 [1 - 1] - Tiwi Beach: Bergmans, Wim: ZMA: 1 [1]; Bergmans, Wim and Bergmans, E.: ZMA: 3 [3 - 4 - 5].

Total Specimens for 19 October 1979: 5

20 October 1979

Kenya: Tiwi Beach: Bergmans, Wim: ZMA: 1 [1]; Bergmans, Wim and Bergmans, E.: ZMA: 3 [3 - 4 - 4].

Total Specimens for 20 October 1979: 4

24 October 1979

Kenya: Shimba Hills: Smeenk, Chris: RMNH: 1 [1 - 1 - 1].

Total Specimens for 24 October 1979: 1

25 October 1979

Kenya: Kwale: Smeenk, Chris: RMNH: 1 [1 - 1] - Shimba Hills: Bergmans, Wim and Bergmans, E.: ZMA: 2 [2 - 2 - 3].
Sudan: Juba: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].

Total Specimens for 25 October 1979: 4

26 October 1979

Kenya: Kwale: Bergmans, Wim: ZMA: 3 [3 - 3] - Shimba Hills: Smeenk, Chris: RMNH: 7 [7 - 7 - 10].
South Africa: Farm Goudhoek: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 26 October 1979: 11

29 October 1979

South Africa: Farm Goudhoek: ?: Collector Unknown: TM: 6 [6 - 6 - 6].

Total Specimens for 29 October 1979: 6

7 November 1979

South Africa: Ventersburg: ?: Collector Unknown: NMB: 3 [3 - 3 - 3].

Total Specimens for 7 November 1979: 3

15 November 1979

South Africa: Bloemfontein: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 15 November 1979: 1

18 November 1979

South Africa: Saasveld Forestry Research Station: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 18 November 1979: 2

29 November 1979

South Africa: Thaba Nchu: ?: Collector Unknown: NMB: 5 [5 - 5 - 5].

Total Specimens for 29 November 1979: 5

2 December 1979

Kenya: Lukore area: Kyongo, Robert N.: RMNH: 1 [1 - 1 - 1].
South Africa: Waterberg, Farm Klipfontein 54JS: Peek, J.R.: TM: 1 [1 - 1 - 1].

Total Specimens for 2 December 1979: 2

3 December 1979

South Africa: Waterberg, Farm Klipfontein 54JS: Peek, J.R.: TM: 2 [2 - 2 - 2].

Total Specimens for 3 December 1979: 2

8 December 1979

South Africa: King Williamstown: Larson, Tom: AMNH: 1 [1 - 1 - 1].

Total Specimens for 8 December 1979: 1

9 December 1979

South Africa: Waterberg, Farm Klipfontein 54JS: Peek, J.R.: TM: 2 [2 - 2 - 2].

Total Specimens for 9 December 1979: 2

12 December 1979

South Africa: Waterberg, Farm Klipfontein 54JS: Peek, J.R.: TM: 3 [3 - 3 - 3].

Total Specimens for 12 December 1979: 3

10 January 1980

South Africa: Otto's Bluff: ?: Collector Unknown: TM: 4 [4 - 4 - 4].**Total Specimens for 10 January 1980: 4**

28 January 1980

Sudan: Juba: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].**Total Specimens for 28 January 1980: 1**

3 February 1980

South Africa: Craigadam: Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel: TM: 15 [15 - 15 - 15].**Total Specimens for 3 February 1980: 15**

4 February 1980

South Africa: Senekal: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].**Total Specimens for 4 February 1980: 1**

6 February 1980

South Africa: Craigadam: Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel: TM: 12 [12 - 12 - 12].**Total Specimens for 6 February 1980: 12**

7 February 1980

South Africa: Craigadam: Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel, J.: TM: 1 [1 - 1 - 1].**Total Specimens for 7 February 1980: 1**

9 February 1980

South Africa: Doornkraal campsite: Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel: TM: 3 [3]; Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel, J.: TM: 1 [1 - 4 - 4].**Total Specimens for 9 February 1980: 4**

11 February 1980

South Africa: Edenburg: ?: Collector Unknown: NMB: 3 [3 - 3] - Ithala [=Itala] Game Reserve: Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel: TM: 7 [7 - 7 - 10].**Total Specimens for 11 February 1980: 10**

12 February 1980

South Africa: Edenburg: ?: Collector Unknown: NMB: 2 [2 - 2 - 2].**Total Specimens for 12 February 1980: 2**

14 February 1980

South Africa: Doornkraal campsite: Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel: TM: 2 [2 - 2] - Ithala [=Itala] Game Reserve: Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel: TM: 1 [1 - 1] - Ithala Game Reserve [=Itala Nature Reserve]: ? : Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel, J.: TM: 4 [4 - 5 - 8].**Total Specimens for 14 February 1980: 8**

27 February 1980

Liberia: LTC Camp: Rigaux, P. and Louette, Michel: RMCA: 1 [1 - 1 - 1].**Total Specimens for 27 February 1980: 1**

29 February 1980

Liberia: LTC Camp: Couette-Rigaux: RMCA: 1 [1 - 1 - 1].

Total Specimens for 29 February 1980: 1

3 March 1980

Liberia: LTC Camp: Rigaux, P. and Louette, Michel: RMCA: 1 [1 - 1 - 1].

Total Specimens for 3 March 1980: 1

10 March 1980

Somalia: Jamaame, 4 km S, 4 km W: Schlitter, Duane A. (dr.): CM: 1 [1 - 1 - 1].

South Africa: Bethlehem: ?: Collector Unknown: NMB: 3 [3 - 3 - 3].

Total Specimens for 10 March 1980: 4

11 March 1980

Somalia: Jamaame, 4 km S, 4 km W: Schlitter, Duane A. (dr.): CM: 1 [1 - 1 - 1].

Total Specimens for 11 March 1980: 1

12 March 1980

Somalia: Jamaame, 4 km S, 4 km W: Schlitter, Duane A. (dr.): CM: 3 [3 - 3 - 3].

Total Specimens for 12 March 1980: 3

13 March 1980

Somalia: Jamaame, 4 km S, 4 km W: Schlitter, Duane A. (dr.): CM: 2 [2 - 2 - 2].

Total Specimens for 13 March 1980: 2

8 April 1980

Zimbabwe: Falcon College School, Mine shaft: Cunliffe, R.: NHMZ: 1 [1 - 1 - 1].

Total Specimens for 8 April 1980: 1

11 April 1980

Kenya: Muumandu: Ithia, J.M.K.: RMNH: 1 [1 - 1 - 1].

Total Specimens for 11 April 1980: 1

24 April 1980

Tanzania: Uluguru Mts., Morningside: Howell, K.M. and Mihok, S.: SMF: 1 [1 - 1 - 1].

Total Specimens for 24 April 1980: 1

28 April 1980

South Africa: Diepwalle State Forest: Dippenaar, N.J. (dr.) and Wolhuter, D.A.: TM: 4 [4 - 4 - 4].

Total Specimens for 28 April 1980: 4

19 May 1980

South Africa: Bultfontein: ?: Collector Unknown: NMB: 6 [6 - 6 - 6].

Total Specimens for 19 May 1980: 6

23 May 1980

Malawi: Likabula mission: Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 2 [2 - 2 - 2].

Total Specimens for 23 May 1980: 2

15 June 1980

Liberia: Gomutown: Johnson, W.G.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 15 June 1980: 1

20 June 1980

South Africa: Stolzneke house: Visser, John: TM: 2 [2 - 2 - 2].

Total Specimens for 20 June 1980: 2

14 August 1980

Burkina Faso: Tambao: Koch-Weser, Sylvia: SMF: 1 [1 - 1 - 1].

Total Specimens for 14 August 1980: 1

16 August 1980

Burkina Faso: Tambao: Koch-Weser, Sylvia: SMF: 1 [1 - 1 - 1].

Total Specimens for 16 August 1980: 1

19 August 1980

Burkina Faso: Tambao: Koch-Weser, Sylvia: SMF: 1 [1 - 1 - 1].

Total Specimens for 19 August 1980: 1

22 August 1980

Burkina Faso: Saba: Koch-Weser, Sylvia: SMF: 1 [1 - 1 - 1].

Total Specimens for 22 August 1980: 1

9 September 1980

Ethiopia: Awash national park: Demeter, Andras: HNHM: 1 [1 - 1 - 1].

Total Specimens for 9 September 1980: 1

3 October 1980

Rwanda: Gisovu: Meirte, Danny: RMCA: 1 [1 - 1 - 1].

Total Specimens for 3 October 1980: 1

6 October 1980

Burkina Faso: Dionga: Koch-Weser, Sylvia: SMF: 1 [1 - 1 - 1].

Rwanda: Kibuye: Meirte, Danny: RMCA: 1 [1 - 1 - 1].

Total Specimens for 6 October 1980: 2

7 October 1980

Burkina Faso: Dionga: Koch-Weser, Sylvia: SMF: 1 [1 - 1 - 1].

Rwanda: Kibuye: Meirte, Danny: RMCA: 2 [2 - 2 - 2].

South Africa: : Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: TM: 2 [2 - 2] - Farm Nydas [=Cnydas]: Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: TM: 11 [11 - 11] - Pongola River Bridge: Taylor, Peter John (Dr.); Jacobs, David S. (Dr.); et al.: DNSM: 1 [1 - 1 - 14].

Total Specimens for 7 October 1980: 17

8 October 1980

Rwanda: Kibuye: Meirte, Danny: RMCA: 2 [2 - 2 - 2].

Somalia: Bulu Burti: Schlitter, Duane A. (dr.): CM: 1 [1 - 1 - 1].

Total Specimens for 8 October 1980: 3

9 October 1980

South Africa: : Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: TM: 1 [1 - 1] - Farm Nydas [=Cnydas]: Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: TM: 6 [6 - 6 - 7].

Total Specimens for 9 October 1980: 7

10 October 1980

Rwanda: Mabanza: Meirte, Danny: RMCA: 1 [1 - 1 - 1].**South Africa:** Farm Nydas [=Cnydas]: Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: TM: 2 [2 - 2 - 2].**Total Specimens for 10 October 1980: 3**

12 October 1980

Egypt: Ras Abu el Darag: Back, H.E.: ZFMK: 1 [1 - 1 - 1].**Namibia:** Farm Rheinvels: Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: TM: 1 [1 - 1 - 1].**Total Specimens for 12 October 1980: 2**

13 October 1980

Namibia: Farm Rheinvels: Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: TM: 4 [4 - 4 - 4].**Total Specimens for 13 October 1980: 4**

14 October 1980

Namibia: Farm Rheinvels: Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: TM: 3 [3 - 3 - 3].**Total Specimens for 14 October 1980: 3**

19 October 1980

Rwanda: Nyundo: Meirte, Danny: RMCA: 1 [1 - 1 - 1].**Somalia:** Snai Sugar Plantation: Schlitter, Duane A. (dr.): CM: 1 [1 - 1 - 1].**Total Specimens for 19 October 1980: 2**

21 October 1980

Somalia: Snai Sugar Plantation: Schlitter, Duane A. (dr.): CM: 2 [2 - 2 - 2].**Total Specimens for 21 October 1980: 2**

22 October 1980

Somalia: Snai Sugar Plantation: Schlitter, Duane A. (dr.): CM: 9 [9 - 9 - 9].**Total Specimens for 22 October 1980: 9**

23 October 1980

Somalia: Snai Sugar Plantation: Schlitter, Duane A. (dr.): CM: 2 [2 - 2 - 2].**Total Specimens for 23 October 1980: 2**

24 October 1980

Somalia: Snai Sugar Plantation: Schlitter, Duane A. (dr.): CM: 4 [4 - 4 - 4].**Total Specimens for 24 October 1980: 4**

25 October 1980

Somalia: Snai Sugar Plantation: Schlitter, Duane A. (dr.): CM: 2 [2 - 2 - 2].**Total Specimens for 25 October 1980: 2**

28 October 1980

Namibia: Swartkop: Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]; Wolhuter, D.A. and Coetzee, C.G.: TM: 2 [2 - 3] - Swartkop Diamond Area No.1: ?: Collector Unknown: TM: 1 [1 - 1 - 4].**Total Specimens for 28 October 1980: 4**

29 October 1980

Namibia: Swartkop Diamond Area No.1: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 29 October 1980: 1

30 October 1980

Namibia: : Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: MMK: 2, TM: 1 [3 - 3] - Rosh Pinah: Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: TM: 17 [17 - 17 - 20].

South Africa: : Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel, J.: TM: 1 [1 - 1] - Farm Modderfontein, Howel Davies Caves: Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: TM: 1 [1 - 1 - 2].

Total Specimens for 30 October 1980: 22

31 October 1980

Namibia: : Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: MMK: 1 [1 - 1] - Farm Huns 106: Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: TM: 3 [3 - 3 - 4].

Total Specimens for 31 October 1980: 4

4 November 1980

Burkina Faso: Nouna: Koch-Weser, Sylvia: SMF: 2 [2 - 2 - 2].

Total Specimens for 4 November 1980: 2

9 November 1980

Burkina Faso: Ouagadougou: Koch-Weser, Sylvia: SMF: 3 [3 - 3 - 3].

Total Specimens for 9 November 1980: 3

11 November 1980

South Africa: Farm Nydas [=Cnydas]: Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: TM: 1 [1 - 1 - 1].

Total Specimens for 11 November 1980: 1

7 December 1980

South Africa: Mission Rocks Outpost: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 7 December 1980: 1

8 December 1980

South Africa: Bloemfontein: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Zimbabwe: Chizarira-Mcheni Gorge: Peek, J.R.: NHMZ: 1 [1 - 1 - 1].

Total Specimens for 8 December 1980: 2

9 December 1980

South Africa: St.Lucia: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 9 December 1980: 2

11 December 1980

South Africa: Shore Nature Reserve, NE: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 11 December 1980: 2

12 December 1980

South Africa: Mission Rocks Outpost: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 12 December 1980: 1

14 December 1980

South Africa: Mission Rocks Outpost: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 14 December 1980: 2

18 December 1980

South Africa: Oribi Gorge Nature Reserve: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 18 December 1980: 1**

19 December 1980

South Africa: Oribi Gorge Nature Reserve: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 19 December 1980: 1**

20 December 1980

South Africa: Oribi Gorge Nature Reserve: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 20 December 1980: 1**

31 December 1980

Senegal: Kumbane: KUL-expeditie (Katholieke Universiteit Leuven): RMCA: 1 [1 - 1 - 1].**Total Specimens for 31 December 1980: 1**

1 January 1981

South Africa: Oribi Gorge Nature Reserve: ?: Collector Unknown: TM: 2 [2 - 2 - 2].**Total Specimens for 1 January 1981: 2**

10 January 1981

Burkina Faso: Tambao: Koch-Weser, Sylvia: SMF: 2 [2 - 2 - 2].**Total Specimens for 10 January 1981: 2**

11 January 1981

Tanzania: Mwanihana forest: Howell, K.M.: SMF: 2 [2 - 2 - 2].**Total Specimens for 11 January 1981: 2**

14 January 1981

South Africa: Durban: ?: Collector Unknown: TM: 1 [1 - 1] - Westville: ?: Collector Unknown: TM: 7 [7]; Sowler, S.G.: TM: 4 [4 - 11 - 12].**Total Specimens for 14 January 1981: 12**

21 January 1981

Tanzania: Mazumba Estate: Howell, K.M. and Stuart, S.N.: SMF: 1 [1 - 1 - 1].**Total Specimens for 21 January 1981: 1**

29 January 1981

South Africa: Levuvhu Hippo Pool: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 29 January 1981: 1**

30 January 1981

South Africa: Westville: ?: Collector Unknown: TM: 1 [1]; Larsus, R.: TM: 11 [11 - 12 - 12].**Total Specimens for 30 January 1981: 12**

4 February 1981

South Africa: Senekal: ?: Collector Unknown: NMB: 3 [3 - 3 - 3].

Total Specimens for 4 February 1981: 3

20 February 1981

Tanzania: Ambangulu Estate: Howell, K.M.: SMF: 1 [1 - 1 - 1].**Total Specimens for 20 February 1981: 1**

8 March 1981

South Africa: Vrede: ?: Collector Unknown: NMB: 2 [2 - 2 - 2].**Total Specimens for 8 March 1981: 2**

10 March 1981

South Africa: Itala National Park: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 10 March 1981: 1**

14 March 1981

Libya: Al Bayda, 5 km SW: Qumsiyeh, Mazin: CM: 1 [1 - 1 - 1].**Total Specimens for 14 March 1981: 1**

15 March 1981

Libya: Al Bayda, 5 km SW: Qumsiyeh, Mazin: CM: 3 [3 - 3 - 3].**Total Specimens for 15 March 1981: 3**

16 March 1981

Libya: Al Bayda, 5 km SW: Qumsiyeh, Mazin: CM: 1 [1 - 1 - 1].**Total Specimens for 16 March 1981: 1**

21 March 1981

Libya: Baida, 4 km S: Qumsiyeh, Mazin: CM: 1 [1 - 1 - 1].**Total Specimens for 21 March 1981: 1**

22 March 1981

Libya: Baida, 4 km S: Qumsiyeh, Mazin: CM: 1 [1 - 1 - 1].**Total Specimens for 22 March 1981: 1**

27 March 1981

Libya: Al Bayda, 5 km SW: Qumsiyeh, Mazin: CM: 5 [5 - 5 - 5].**Total Specimens for 27 March 1981: 5**

29 March 1981

Libya: Al Bayda, 5 km SW: Qumsiyeh, Mazin: CM: 1 [1 - 1 - 1].**Total Specimens for 29 March 1981: 1**

3 April 1981

Libya: Haniya, 8 km SSE: Qumsiyeh, Mazin: CM: 1 [1 - 1 - 1].**Total Specimens for 3 April 1981: 1**

4 April 1981

Nigeria: S Birnin Gwari: Dyer, M.E.: ROM: 1 [1 - 1 - 1].**Total Specimens for 4 April 1981: 1**

9 April 1981

Libya: Al Bayda, 5 km SW: Qumsiyeh, Mazin: CM: 1 [1 - 1 - 1].

Total Specimens for 9 April 1981: 1

3 May 1981

Libya: Sabratah: Qumsiyeh, Mazin: CM: 1 [1 - 1 - 1].

Total Specimens for 3 May 1981: 1

6 May 1981

South Africa: Vredefort: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 6 May 1981: 1

10 May 1981

South Africa: Madlangula: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 10 May 1981: 1

16 May 1981

Algeria: Wadi Sauria: Qumsiyeh, Mazin: CM: 6 [6 - 6 - 6].

Total Specimens for 16 May 1981: 6

17 May 1981

Zimbabwe: Umtali mine adit [=Umtali Old mine]: Wingate, Lloyd R. and Wright, Peter J.: DNSM: 1 [1 - 1 - 1].

Total Specimens for 17 May 1981: 1

19 May 1981

Algeria: Mouzjdjado: Qumsiyeh, Mazin: CM: 2 [2 - 2 - 2].

Total Specimens for 19 May 1981: 2

23 May 1981

Algeria: Oued Rhumel: Qumsiyeh, Mazin: CM: 1 [1 - 1 - 1].

South Africa: Boshof: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 23 May 1981: 2

24 May 1981

Algeria: Oued Rhumel: Qumsiyeh, Mazin: CM: 1 [1 - 1 - 1].

Total Specimens for 24 May 1981: 1

29 May 1981

Algeria: In Saleh: Qumsiyeh, Mazin: CM: 1 [1 - 1 - 1].

Total Specimens for 29 May 1981: 1

1 June 1981

Algeria: Tamanrasset: Qumsiyeh, Mazin: CM: 1 [1 - 1 - 1].

Total Specimens for 1 June 1981: 1

3 June 1981

Algeria: Tamanrasset: Qumsiyeh, Mazin: CM: 7 [7 - 7 - 7].

Total Specimens for 3 June 1981: 7

5 June 1981

Algeria: Sétif: Qumsiyeh, Mazin: CM: 1 [1 - 1 - 1].

Total Specimens for 5 June 1981: 1

30 June 1981

Algeria: Ain Oussera: Qumsiyeh, Mazin: CM: 1 [1 - 1 - 1].

South Africa: 4 km E Musina [=Messina]: Visser, John: TM: 1 [1 - 1 - 1].

Total Specimens for 30 June 1981: 2

1 July 1981

Algeria: Ain Oussera: Qumsiyeh, Mazin: CM: 14 [14 - 14 - 14].

Total Specimens for 1 July 1981: 14

14 July 1981

Egypt: Saqqara: Qumsiyeh, Mazin: CM: 2 [2 - 2 - 2].

Total Specimens for 14 July 1981: 2

18 July 1981

Egypt: Dandarah: Qumsiyeh, Mazin: CM: 3 [3 - 3 - 3].

Total Specimens for 18 July 1981: 3

19 July 1981

Egypt: Dandarah: Qumsiyeh, Mazin: CM: 2 [2 - 2 - 2].

Total Specimens for 19 July 1981: 2

27 July 1981

Egypt: Abu Ghaleb, 2 km N: Qumsiyeh, Mazin: CM: 7 [7 - 7 - 7].

Total Specimens for 27 July 1981: 7

7 August 1981

Malawi: Likabula river: Harrison, David Lakin (Dr.) and Bates, Paul, J.J.: HZM: 1 [1 - 1 - 1].

Total Specimens for 7 August 1981: 1

23 September 1981

South Africa: Riebeeckstad: ?: Collector Unknown: NMB: 6 [6 - 6 - 6].

Total Specimens for 23 September 1981: 6

2 October 1981

Zimbabwe: Rhodes Inyanga National Park: ?: Collector Unknown: TM: 2 [2 - 2] - Zimbabwe Ruins: ?: Collector Unknown: TM: 16 [16 - 16 - 18].

Total Specimens for 2 October 1981: 18

4 October 1981

Zimbabwe: Chirinda forest: ?: Collector Unknown: TM: 1 [1]; Dippenaar, N.J. (dr.); Rautenbach, Ignatius L. "Naas" (Dr.); Wolhuter, D.R. and Wolhuter, P.J.: TM: 2 [2 - 3 - 3].

Total Specimens for 4 October 1981: 3

5 October 1981

Zimbabwe: Chirinda forest: ?: Collector Unknown: TM: 3 [3 - 3 - 3].

Total Specimens for 5 October 1981: 3

7 October 1981

Rwanda: Butare: Baeten, Benny; De Vree, Frits; Van Cakenberghe, Victor; and Van der Straeten Erik: RMCA: 1 [1 - 1 - 1].
Zimbabwe: Old Mine Adit [=Umtali Old mine]: ?: Collector Unknown: TM: 17 [17 - 17] - Umtali mine adit [=Umtali Old mine]:
 Dippenaar, N.J. (dr.); Rautenbach, Ignatius L. "Naas" (Dr.); Wolhuter, D.R. and Wolhuter, P.J.: TM: 12 [12];
 Rautenbach, Ignatius L. (Dr.) [=Naas]; Bronner, Gary Neil (Dr.) and Schlitter, Duane A (Dr.): TM: 1 [1]; Transvaal
 Museum Expedition: TM: 26 [26 - 39 - 56].

Total Specimens for 7 October 1981: 57

11 October 1981

Rwanda: Karama: Baeten, Benny; De Vree, Frits; Van Cakenberghe, Victor; and Van der Straeten Erik: RMCA: 2 [2 - 2 - 2].
Zimbabwe: Rhodes Inyanga National Park: ?: Collector Unknown: TM: 2 [2 - 2] - Rhodes Inyanga Nature Park: Dippenaar,
 N.J. (dr.); Rautenbach, Ignatius L. "Naas" (Dr.); Wolhuter, D.R. and Wolhuter, P.J.: TM: 1 [1 - 1 - 3].

Total Specimens for 11 October 1981: 5

12 October 1981

Rwanda: Karama: Baeten, Benny; De Vree, Frits; Van Cakenberghe, Victor; and Van der Straeten Erik: RMCA: 1 [1 - 1 - 1].
Tanzania: Kurasini area: Baker: SMF: 2 [2 - 2 - 2].

Total Specimens for 12 October 1981: 3

14 October 1981

Zimbabwe: Rusito Forest: ?: Collector Unknown: TM: 3 [3 - 3 - 3].

Total Specimens for 14 October 1981: 3

15 October 1981

Zimbabwe: Rusito Forest: ?: Collector Unknown: TM: 3 [3 - 3] - Rustio River: Wright and Rautenbach, Ignatius L. (Dr.)
 [=Naas]: TM: 1 [1 - 1 - 4].

Total Specimens for 15 October 1981: 4

16 October 1981

Zimbabwe: Rusito Forest: ?: Collector Unknown: TM: 7 [7 - 7 - 7].

Total Specimens for 16 October 1981: 7

17 October 1981

Zimbabwe: Old Mine Adit [=Umtali Old mine]: ?: Collector Unknown: TM: 5 [5 - 5] - Umtali mine adit [=Umtali Old mine]:
 Transvaal Museum Expedition: TM: 4 [4]; Wright and Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 6 - 11].

Total Specimens for 17 October 1981: 11

21 October 1981

South Africa: Senekal: ?: Collector Unknown: NMB: 2 [2 - 2 - 2].
Zimbabwe: Chikupo cave: ?: Collector Unknown: TM: 18 [18 - 18 - 18].

Total Specimens for 21 October 1981: 20

22 October 1981

Zimbabwe: Lion and Cheetah Park: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 22 October 1981: 2

23 October 1981

Zimbabwe: Chikupo cave: ?: Collector Unknown: TM: 1 [1 - 1] - Sengwa Wildlife Research Station: ?: Collector Unknown: TM:
 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas] and Wright, Peter J.: TM: 16 [16 - 17 - 18].

Total Specimens for 23 October 1981: 18

24 October 1981

Rwanda: Mutura: Baeten, Benny; De Vree, Frits; Van Cakenberghe, Victor; and Van der Straeten Erik: RMCA: 1 [1 - 1 - 1].

Zimbabwe: Sengwa Wildlife Research Station: Rautenbach, Ignatius L. (Dr.) [=Naas] and Wright, Peter J.: TM: 1 [1 - 1 - 1].

Total Specimens for 24 October 1981: 2

26 October 1981

Zimbabwe: : Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: MMK: 1 [1 - 1] - Chirisa Cave: ?: Collector Unknown: TM: 38 [38]; Wright and Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 39] - Sengwa Wildlife area: Wright and Rautenbach, Ignatius L. (Dr.) [=Naas]: NHMZ: 1 [1 - 1] - Sengwa Wildlife Research Station: ?: Collector Unknown: TM: 5 [5]; Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 3 [3 - 8 - 49].

Total Specimens for 26 October 1981: 49

27 October 1981

Zimbabwe: Sengwa Wildlife Research Station: Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 2 [2 - 2 - 2].

Total Specimens for 27 October 1981: 2

28 October 1981

Zimbabwe: Sengwa Wildlife Research Station: ?: Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 6 [6 - 7 - 7].

Total Specimens for 28 October 1981: 7

29 October 1981

Zimbabwe: Falls road: Wright and Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 16 [16 - 16 - 16].

Total Specimens for 29 October 1981: 16

30 October 1981

Zimbabwe: Gwai Bridge, 6 km W on falls road: ?: Collector Unknown: TM: 4 [4 - 4 - 4].

Total Specimens for 30 October 1981: 4

1 November 1981

Zimbabwe: Rhodes Inyanga National Park: ?: Collector Unknown: TM: 1 [1 - 1] - Rhodes Matopos National Park: ?: Collector Unknown: TM: 5 [5]; Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 4 [4]; Wright and Rautenbach, Ignatius L. (Dr.) [=Naas]: NHMZ: 1 [1 - 10 - 11].

Total Specimens for 1 November 1981: 11

2 November 1981

Rwanda: Kitabi: Baeten, Benny; De Vree, Frits; Van Cakenberghe, Victor; and Van der Straeten Erik: RMCA: 1 [1 - 1 - 1].
Zimbabwe: Rhodes Inyanga National Park: ?: Collector Unknown: TM: 1 [1 - 1] - Rhodes Matopos National Park: ?: Collector Unknown: TM: 4 [4]; Rautenbach, Ignatius L. (Dr.) [=Naas] and Wright, Peter J.: DNSM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 4 [4 - 9 - 10].

Total Specimens for 2 November 1981: 11

3 November 1981

Rwanda: Kitabi: Baeten, Benny; De Vree, Frits; Van Cakenberghe, Victor; and Van der Straeten Erik: RMCA: 1 [1 - 1 - 1].

Total Specimens for 3 November 1981: 1

5 November 1981

Rwanda: Kitabi: Baeten, Benny; De Vree, Frits; Van Cakenberghe, Victor; and Van der Straeten Erik: RMCA: 1 [1 - 1 - 1].

Total Specimens for 5 November 1981: 1

15 November 1981

Rwanda: Nyamata: Baeten, Benny; De Vree, Frits; Van Cakenberghe, Victor; and Van der Straeten Erik: RMCA: 8 [8 - 8 - 8].

Total Specimens for 15 November 1981: 8

16 November 1981

Rwanda: Nyamata: Baeten, Benny; De Vree, Frits; Van Cakenberghe, Victor; and Van der Straeten Erik: RMCA: 35 [35 - 35 - 35].

Total Specimens for 16 November 1981: 35

17 November 1981

Rwanda: Nyamata: Baeten, Benny; De Vree, Frits; Van Cakenberghe, Victor; and Van der Straeten Erik: RMCA: 25 [25 - 25 - 25].

Zimbabwe: Umtali mine adit [=Umtali Old mine]: Transvaal Museum Expedition: TM: 8 [8 - 8 - 8].

Total Specimens for 17 November 1981: 33

22 November 1981

Rwanda: Rukira [=Rukara]: Baeten, Benny; De Vree, Frits; Van Cakenberghe, Victor; and Van der Straeten Erik: RMCA: 1 [1 - 1].

Total Specimens for 22 November 1981: 1

28 November 1981

Nigeria: Nigeria: Dyer, M.E.: HZM: 1 [1 - 1 - 1].

Total Specimens for 28 November 1981: 1

16 December 1981

Algeria: Sétif: Kowalski, K.: HZM: 1 [1 - 1 - 1].

South Africa: Vernon Crookes Nature Reserve: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 16 December 1981: 2

15 January 1982

South Africa: Howick Village: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 15 January 1982: 1

19 January 1982

Nigeria: Zaria: Egwali, E.: HZM: 1 [1 - 1 - 1].

Total Specimens for 19 January 1982: 1

23 January 1982

South Africa: Levuvhu hippo pool: Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 1 [1 - 1] - Oribi Gorge Nature Reserve: ?: Collector Unknown: TM: 2 [2 - 2] - Oribi Gorge Nature Reserve, Hutted camp: ?: Collector Unknown: TM: 1 [1 - 1 - 4].

Total Specimens for 23 January 1982: 4

24 January 1982

South Africa: Oribi-Lind Valley Game Ranch: ?: Collector Unknown: TM: 6 [6]; Sowler, G.A. and Sowler, S.G.: TM: 8 [8 - 14 - 14].

Total Specimens for 24 January 1982: 14

27 January 1982

South Africa: Levuvhu Hippo Pool: ?: Collector Unknown: TM: 3 [3]; Nel, Flip: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel, F.: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 15 [15 - 20 - 20].

Total Specimens for 27 January 1982: 20

28 January 1982

South Africa: Levuvhu Hippo Pool: ?: Collector Unknown: TM: 13 [13]; Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 10 [10 - 23 - 23].

Total Specimens for 28 January 1982: 23

29 January 1982

South Africa: Anthrax camp: ?: Collector Unknown: TM: 1 [1 - 1] - Levuvhu Hippo Pool: ?: Collector Unknown: TM: 12 [12]; Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 15 [15 - 27 - 28].

Total Specimens for 29 January 1982: 28

3 February 1982

South Africa: Hester Malan Nature Reserve: van der Westhuizen, P.: TM: 1 [1 - 1] - Hester Malan Wild Flower Reserve: ?; Collector Unknown: TM: 3 [3 - 3 - 4].

Total Specimens for 3 February 1982: 4

7 February 1982

South Africa: Anthrax camp: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 7 February 1982: 2

17 February 1982

South Africa: Harrismith [Kestell]: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 17 February 1982: 1

18 February 1982

South Africa: Verwoerburg: ?: Collector Unknown: TM: 1 [1 - 1] - Verwoerburg: Koekoemoes, D.: TM: 1 [1 - 1 - 2].

Total Specimens for 18 February 1982: 2

21 February 1982

Nigeria: Zaria: Egwali, E.: HZM: 1 [1 - 1 - 1].

Total Specimens for 21 February 1982: 1

5 March 1982

Egypt: Ataka Mountains: Jennings, M.C.: HZM: 1 [1 - 1 - 1].

Total Specimens for 5 March 1982: 1

11 March 1982

Somalia: Jamaame, 4 km S, 4 km W: Schlitter, Duane A. (dr.): CM: 4 [4 - 4 - 4].

Total Specimens for 11 March 1982: 4

12 March 1982

Somalia: Jamaame, 4 km S, 4 km W: Schlitter, Duane A. (dr.): CM: 1 [1 - 1 - 1].

Total Specimens for 12 March 1982: 1

13 March 1982

Somalia: Jamaame, 4 km S, 4 km W: Schlitter, Duane A. (dr.): CM: 1 [1 - 1 - 1].

Total Specimens for 13 March 1982: 1

14 March 1982

Nigeria: Samaru stream: Egwali, E.: HZM: 1 [1 - 1 - 1].

Somalia: Jamaame, 5 km S, 7.5 km W: Schlitter, Duane A. (dr.): CM: 2 [2 - 2 - 2].

Total Specimens for 14 March 1982: 3

16 March 1982

South Africa: Koppies: ?: Collector Unknown: NMB: 7 [7 - 7 - 7].

Total Specimens for 16 March 1982: 7

17 March 1982

Somalia: Wadajir, 8 km N, 4.5 km E: Schlitter, Duane A. (dr.): CM: 2 [2 - 2 - 2].
South Africa: Koppies: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 17 March 1982: 3

18 March 1982

Tanzania: Tatanda: Moyer, D.: SMF: 3 [3 - 3 - 3].

Total Specimens for 18 March 1982: 3

19 March 1982

Malawi: Lisanthu: Jachmann, H.: ZMA: 1 [1 - 1 - 1].

Total Specimens for 19 March 1982: 1

26 March 1982

Kenya: Muumandu: Stager, K.E.: HZM: 2 [2 - 2 - 2].

Total Specimens for 26 March 1982: 2

10 April 1982

South Africa: Nwanedzi, 3 km SE: ?: Collector Unknown: TM: 5 [5 - 5 - 5].

Total Specimens for 10 April 1982: 5

11 April 1982

South Africa: Gezantombi waterhole: ?: Collector Unknown: TM: 6 [6 - 6 - 6].
Tanzania: Lugoda Tea Estate: Baker, Niel: SMF: 1 [1 - 1 - 1].

Total Specimens for 11 April 1982: 7

13 April 1982

South Africa: Escombe: ?: Collector Unknown: DNSM: 1 [1 - 1 - 1].

Total Specimens for 13 April 1982: 1

14 April 1982

South Africa: Zastron: ?: Collector Unknown: NMB: 2 [2 - 2 - 2].

Total Specimens for 14 April 1982: 2

16 April 1982

Zimbabwe: Chipinga: ?: Collector Unknown: TM: 9 [9 - 9 - 9].

Total Specimens for 16 April 1982: 9

22 April 1982

Burundi: Bujumbura: Meirte, Danny: RMCA: 1 [1 - 1 - 1].

Total Specimens for 22 April 1982: 1

30 April 1982

Algeria: Sebdou: Kowalski, K.: HZM: 1 [1 - 1 - 1].

Total Specimens for 30 April 1982: 1

20 May 1982

South Africa: Farm Zusterstroom 447JR: Newbury, R.: TM: 1 [1 - 1] - Ficksburg: ?: Collector Unknown: NMB: 1 [1 - 1 - 2].

Total Specimens for 20 May 1982: 2

1 June 1982

Kenya: Kamuani Area: Stager, K.E.: HZM: 2 [2 - 2 - 2].

Total Specimens for 1 June 1982: 2

2 June 1982

Algeria: Misserghin: Kowalski, K.: HZM: 1 [1 - 1 - 1].

Total Specimens for 2 June 1982: 1

8 June 1982

Algeria: Oued Tlélat: Kowalski, K.: HZM: 1 [1 - 1 - 1].

Total Specimens for 8 June 1982: 1

18 June 1982

Rwanda: Muhabura: ?: Collector Unknown: RMCA: 1 [1 - 1 - 1].

Total Specimens for 18 June 1982: 1

22 June 1982

Algeria: Misserghin: Kowalski, K.: HZM: 1 [1 - 1 - 1].

Total Specimens for 22 June 1982: 1

17 August 1982

South Africa: Vrede: ?: Collector Unknown: NMB: 2 [2 - 2 - 2].

Total Specimens for 17 August 1982: 2

19 August 1982

South Africa: : Wolhuter, D.A. and Cassidy, R.J.: TM: 2 [2 - 2] - Cederberg, Algeria State Forest, campsite: Wolhuter, D.A. and Cassidy, R.J.: TM: 1 [1 - 1 - 3].

Total Specimens for 19 August 1982: 3

22 August 1982

South Africa: Cederberg, Algeria State Forest, campsite: Wolhuter, D.A. and Cassidy, R.J.: TM: 1 [1 - 1 - 1].

Total Specimens for 22 August 1982: 1

23 August 1982

South Africa: Cederberg, Algeria State Forest, campsite: Wolhuter, D.A. and Cassidy, R.J.: TM: 2 [2 - 2 - 2].

Total Specimens for 23 August 1982: 2

24 August 1982

South Africa: Albany district: Albany Museum, donated: SAMC: 1 [1 - 1] - Cederberg, Algeria State Forest, campsite: Wolhuter, D.A. and Cassidy, R.J.: TM: 4 [4 - 4] - Queen Elizabeth Park: Wolhuter, D.A. and Cassidy, R.J.: DNSM: 1 [1 - 1 - 6].

Total Specimens for 24 August 1982: 6

25 August 1982

South Africa: Cederberg, Algeria State Forest, campsite: Wolhuter, D.A. and Cassidy, R.J.: TM: 1 [1 - 1 - 1].

Total Specimens for 25 August 1982: 1

26 August 1982

South Africa: Cederberg, Algeria State Forest, campsite: Wolhuter, D.A. and Cassidy, R.J.: TM: 3 [3 - 3] - Port St. Johns: Shortridge, Guy C. (purchased): SAMC: 1 [1 - 1 - 4].

Zimbabwe: Sailsburg: Marshal, Guy A.R.: SAMC: 1 [1 - 1 - 1].

Total Specimens for 26 August 1982: 5

27 August 1982

South Africa: : Wolhuter, D.A. and Cassidy, R.J.: NHMZ: 1, TM: 2 [3 - 3] - Cederberg, Algeria State Forest, campsite: Wolhuter, D.A. and Cassidy, R.J.: TM: 8 [8 - 8 - 11].

Zimbabwe: Chingamwe Estates: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1 - 1].

Total Specimens for 27 August 1982: 12

28 August 1982

South Africa: Cederberg, Algeria State Forest, campsite: Wolhuter, D.A. and Cassidy, R.J.: TM: 2 [2 - 2 - 2].

Total Specimens for 28 August 1982: 2

5 September 1982

Sudan: Agok: Moritz, L.J.: MSU: 3 [3 - 3 - 3].

Total Specimens for 5 September 1982: 3

10 September 1982

Sudan: Mbili: Moritz, L.J.: MSU: 1 [1 - 1 - 1].

Total Specimens for 10 September 1982: 1

13 September 1982

South Africa: Dewetsdorp: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 13 September 1982: 1

14 September 1982

South Africa: Dewetsdorp: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 14 September 1982: 1

15 September 1982

South Africa: Ndumu Game Reserve: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

Total Specimens for 15 September 1982: 1

16 September 1982

South Africa: Dewetsdorp: ?: Collector Unknown: NMB: 1 [1 - 1] - Ndumu Game Reserve: ?: Collector Unknown: TM: 16 [16]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4 - 20 - 21].

Total Specimens for 16 September 1982: 21

18 September 1982

South Africa: Ndumu Game Reserve: ?: Collector Unknown: TM: 10 [10 - 10 - 10].

Total Specimens for 18 September 1982: 10

19 September 1982

South Africa: : ?: Collector Unknown: NHMZ: 2 [2 - 2] - Ndumu Game Reserve: ?: Collector Unknown: TM: 8 [8]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 10 - 12].

Total Specimens for 19 September 1982: 12

20 September 1982

South Africa: Ndumu Game Reserve: ?: Collector Unknown: TM: 7 [7 - 7 - 7].

Total Specimens for 20 September 1982: 7

21 September 1982

South Africa: : ? : Collector Unknown: NHMZ: 1 [1 - 1] - Hilton: ? : Collector Unknown: DNSM: 1 [1 - 1] - Malibali pan: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 15 [15 - 15] - Wardens house, attic: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 5 - 22].

Total Specimens for 21 September 1982: 22

22 September 1982

South Africa: Boksburg [midtown]: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Nhlonhela pan: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 5] - Wardens house, attic: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3 - 9].

Total Specimens for 22 September 1982: 9

23 September 1982

South Africa: Mkuzi River: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 16 [16 - 16 - 16].
Sudan: Wau: Moritz, L.J.: MSU: 1 [1 - 1 - 1].

Total Specimens for 23 September 1982: 17

24 September 1982

South Africa: Bube pan: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 26 [26 - 26] - Mkuzi Game Reserve: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Msinga pan: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 9 [9 - 9] - Wardens house, attic: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2 - 38].

Total Specimens for 24 September 1982: 38

25 September 1982

South Africa: Bube pan: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 14 [14 - 14] - Malibali pan: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4 - 4] - Mkuzi River: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 19].

Total Specimens for 25 September 1982: 19

27 September 1982

South Africa: Mission Rocks, Bats Cave: ? : Collector Unknown: TM: 14 [14 - 14 - 14].

Total Specimens for 27 September 1982: 14

28 September 1982

South Africa: Cape Vidal: ? : Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 28 September 1982: 1

29 September 1982

South Africa: Cape Vidal: ? : Collector Unknown: TM: 14 [14 - 14] - Mission Rock: ? : Collector Unknown: TM: 1 [1 - 1 - 15].

Total Specimens for 29 September 1982: 15

5 October 1982

Sudan: Agok: Moritz, L.J.: MSU: 1 [1 - 1 - 1].

Total Specimens for 5 October 1982: 1

8 October 1982

Algeria: Les Andalouses: Kowalski, K.: HZM: 1 [1 - 1 - 1].

Total Specimens for 8 October 1982: 1

14 October 1982

South Africa: Reddersburg: ? : Collector Unknown: NMB: 3 [3 - 3 - 3].

Total Specimens for 14 October 1982: 3

18 October 1982

Gabon: Cap Esterias: Schlitter, Duane A. (dr.): CM: 1 [1 - 1 - 1].

Total Specimens for 18 October 1982: 1

30 October 1982

Senegal: Enganga: Cabot, M.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 30 October 1982: 1

8 November 1982

Algeria: Les Andalouses: Kowalski, K.: HZM: 3 [3 - 3 - 3].

Total Specimens for 8 November 1982: 3

12 November 1982

Algeria: Les Andalouses: Kowalski, K.: HZM: 2 [2 - 2 - 2].

Total Specimens for 12 November 1982: 2

18 November 1982

South Africa: Fauresmith: ?: Collector Unknown: NMB: 4 [4 - 4 - 4].

Total Specimens for 18 November 1982: 4

27 November 1982

Sudan: Raga: Moritz, L.J.: MSU: 1 [1 - 1 - 1].

Total Specimens for 27 November 1982: 1

3 December 1982

South Africa: Mosely: ?: Collector Unknown: DNSM: 1 [1 - 1] - Stainbank Nature Reserve: ?: Collector Unknown: DNSM: 1 [1 - 1 - 2].

Total Specimens for 3 December 1982: 2

9 December 1982

South Africa: Fauresmith [Petrusburg]: ?: Collector Unknown: NMB: 6 [6 - 6 - 6].

Total Specimens for 9 December 1982: 6

22 December 1982

Nigeria: Zaria: Ghotosho: HZM: 1 [1 - 1 - 1].

Total Specimens for 22 December 1982: 1

5 January 1983

Kenya: Massai Mara reserve: Kerbis, J.C.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 5 January 1983: 1

13 January 1983

South Africa: Philippolis: ?: Collector Unknown: NMB: 3 [3 - 3 - 3].

Total Specimens for 13 January 1983: 3

25 January 1983

South Africa: Fig Tree Camp: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 25 January 1983: 1

2 February 1983

South Africa: Farm Grootfontein: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

Total Specimens for 2 February 1983: 1

5 February 1983

South Africa: Kalahari Gemsbok National Park, Leeuwdril: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 8 [8 - 8] - Kalahari Gemsbok National Park, Marie se Gat: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - Kalahari Gemsbok National Park, Rooikop: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 10 [10 - 10 - 20].

Total Specimens for 5 February 1983: 20

6 February 1983

South Africa: Kalahari Gemsbok National Park, Marie se Gat: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 16 [16 - 16] - Kalahari Gemsbok National Park, Rooikop: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 20 [20 - 20 - 36].

Total Specimens for 6 February 1983: 36

7 February 1983

South Africa: Kalahari Gemsbok National Park, Marie se Gat: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 15 [15 - 15] - Kuruman: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 16].

Total Specimens for 7 February 1983: 16

8 February 1983

South Africa: Dankbaar: Erasmus, B.H.: MMK: 1 [1 - 1 - 1].

Total Specimens for 8 February 1983: 1

9 February 1983

South Africa: Bethulie: ?: Collector Unknown: NMB: 4 [4 - 4] - Kalahari Gemsbok National Park, Bayip: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Kalahari Gemsbok National Park, Dankbaar: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 6].

Total Specimens for 9 February 1983: 6

10 February 1983

South Africa: Kalahari Gemsbok National Park, Bayip: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Kalahari Gemsbok National Park, Dankbaar: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 5 - 6].

Total Specimens for 10 February 1983: 6

13 February 1983

South Africa: Farm Donkerpoort 448: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - Farm Woodstock: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 22 [22 - 22] - Kuruman: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Louw's [=Lowe's] Creek, Imperial mine: Roberts, Austin: TM: 1 [1 - 1] - Manxeba [=Maxeba] windmill: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Picnic site: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 28].

Total Specimens for 13 February 1983: 28

14 February 1983

South Africa: Farm Mooiplaas 94: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Farm Woodstock: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 21 [21 - 21 - 22].

Total Specimens for 14 February 1983: 22

15 February 1983

South Africa: Kuruman: ?: Collector Unknown: TM: 3 [3]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 9 [9 - 12] - Mockford's garden: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 13].

Total Specimens for 15 February 1983: 13

16 February 1983

South Africa: Farm Woodstock: ?: Collector Unknown: TM: 1 [1 - 1] - Kuruman: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 21 [21 - 21 - 22].

Total Specimens for 16 February 1983: 22

17 February 1983

South Africa: Kuruman: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 19 [19 - 19 - 19].**Total Specimens for 17 February 1983: 19**

19 February 1983

South Africa: Farm Grootfontein: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 6 [6 - 6 - 6].**Total Specimens for 19 February 1983: 6**

20 February 1983

South Africa: Farm Grootfontein: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 7 [7 - 7 - 7].**Total Specimens for 20 February 1983: 7**

21 February 1983

South Africa: Farm Grootfontein: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 5 - 5].**Total Specimens for 21 February 1983: 5**

22 February 1983

South Africa: Farm Grootfontein: ?: Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 16 [16 - 17 - 17].**Total Specimens for 22 February 1983: 17**

23 February 1983

South Africa: Buxton Mine: ?: Collector Unknown: TM: 2 [2 - 2] - Mockford's garden: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Norlim mine [=Buxton mine]: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 19 [19 - 19 - 22].**Total Specimens for 23 February 1983: 22**

9 March 1983

South Africa: Boshof [Hertzogville]: ?: Collector Unknown: NMB: 2 [2 - 2] - Nylsvlei Nature Reserve: Korn, Dr.: TM: 1 [1 - 1 - 3].**Total Specimens for 9 March 1983: 3**

10 March 1983

South Africa: Boshof [Hertzogville]: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].**Total Specimens for 10 March 1983: 1**

19 March 1983

South Africa: Farm Brakfontein, Koegelbeen Cave: ?: Collector Unknown: TM: 12 [12 - 12 - 12].**Total Specimens for 19 March 1983: 12**

24 March 1983

Algeria: Les Andalouses: Kowalski, K.: HZM: 1 [1 - 1 - 1].**Total Specimens for 24 March 1983: 1**

10 April 1983

Tanzania: Mikumi National Park H.Q.: Howell, K.M.: SMF: 1 [1 - 1 - 1].**Total Specimens for 10 April 1983: 1**

20 April 1983

South Africa: Heilbron: ?: Collector Unknown: NMB: 2 [2 - 2 - 2].

Total Specimens for 20 April 1983: 2

21 April 1983

South Africa: Heilbron: ?: Collector Unknown: NMB: 3 [3 - 3 - 3].

Total Specimens for 21 April 1983: 3

28 April 1983

Liberia: Kluga mountains: Voros, Andrew S.: AMNH: 1 [1 - 1 - 1].

Total Specimens for 28 April 1983: 1

14 June 1983

South Africa: Bellsbank Estates: ?: Collector Unknown: TM: 13 [13 - 13 - 13].

Total Specimens for 14 June 1983: 13

15 June 1983

South Africa: Farm Brakfontein, Koegelbeen Cave: ?: Collector Unknown: TM: 92 [92 - 92] - Gatkoppies: ?: Collector Unknown: TM: 13 [13 - 13 - 105].

Total Specimens for 15 June 1983: 105

16 June 1983

South Africa: Buxton Mine: ?: Collector Unknown: TM: 4 [4 - 4 - 4].

Total Specimens for 16 June 1983: 4

28 June 1983

Sudan: Suni: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].

Total Specimens for 28 June 1983: 1

5 July 1983

South Africa: Vredefort town: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 5 July 1983: 1

25 July 1983

Liberia: Saniquellie: Voros, Andrew S.: AMNH: 1 [1 - 1 - 1].

Total Specimens for 25 July 1983: 1

31 July 1983

Senegal: Diabane: Cabot, M.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 31 July 1983: 1

13 August 1983

Algeria: Tikjda: Kowalski, K.: HZM: 1 [1 - 1 - 1].

Total Specimens for 13 August 1983: 1

28 August 1983

Kenya: Kiboko: Machakos: HZM: 1 [1 - 1 - 1].

Total Specimens for 28 August 1983: 1

29 August 1983

South Africa: Figtree camp: Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: TM: 2 [2 - 2 - 2].

Total Specimens for 29 August 1983: 2

31 August 1983

South Africa: Fig Tree camp: ?: Collector Unknown: TM: 9 [9 - 9 - 9].**Total Specimens for 31 August 1983: 9**

1 September 1983

South Africa: Figtree camp: Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: TM: 12 [12 - 12 - 12].**Total Specimens for 1 September 1983: 12**

3 September 1983

Liberia: John Town: Voros, Andrew S.: AMNH: 1 [1 - 1 - 1].**Total Specimens for 3 September 1983: 1**

7 September 1983

South Africa: Ngubevu Mine: ?: Collector Unknown: TM: 17 [17 - 17] - Nqubevu mine: Wolhuter, D.A. and Cassidy, R.J.: TM: 59 [59 - 59 - 76].**Total Specimens for 7 September 1983: 76**

9 September 1983

South Africa: Northern Sewage Works: ?: Collector Unknown: TM: 33 [33]; Wolhuter, D.A. and Cassidy, R.J.: TM: 1 [1 - 34 - 34].**Total Specimens for 9 September 1983: 34**

10 September 1983

South Africa: Doornhoek mine: Wolhuter, D.A. and Cassidy, R.J.: TM: 7 [7 - 7] - Otto's Bluff: ?: Collector Unknown: TM: 11 [11 - 11 - 18].**Total Specimens for 10 September 1983: 18**

11 September 1983

South Africa: Hilton, Hilton Railway tunnel: Cassidy, R.J. and Wolhuter, D.A.: TM: 1 [1]; Wolhuter, D.A. and Cassidy, R.J.: TM: 15 [15 - 16] - Hilton, Town Bush cave: Wolhuter, D.A. and Cassidy, R.J.: TM: 17 [17 - 17] - Townbush Cave: ?
Collector Unknown: TM: 7 [7 - 7 - 40].**Total Specimens for 11 September 1983: 40**

14 September 1983

South Africa: Dumisa Gold Mine: ?: Collector Unknown: TM: 14 [14]; Cassidy, R.J. and Wolhuter, D.A.: TM: 4 [4]; Wolhuter, D.A.: TM: 1 [1]; Wolhuter, D.A. and Cassidy, R.J.: TM: 20 [20 - 39 - 39].**Total Specimens for 14 September 1983: 39**

16 September 1983

South Africa: Sandile's Cave: ?: Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 6 - 6].**Total Specimens for 16 September 1983: 6**

23 September 1983

South Africa: Farm Goudhoek: ?: Collector Unknown: TM: 12 [12 - 12 - 12].**Total Specimens for 23 September 1983: 12**

24 September 1983

South Africa: Farm Goedhoek [=Goudhoek]: Wolhuter, D.A. and Cassidy, R.J.: TM: 11 [11 - 11] - Farm Goudhoek: ?
Collector Unknown: TM: 20 [20 - 20 - 31].

Total Specimens for 24 September 1983: 31

25 September 1983

South Africa: Farm Goedhoek [=Goudhoek]: Wolhuter, D.A. and Cassidy, R.J.: TM: 5 [5 - 5] - Farm Goudhoek: ?: Collector Unknown: TM: 20 [20 - 20 - 25].

Total Specimens for 25 September 1983: 25

28 September 1983

South Africa: Figtree camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

Total Specimens for 28 September 1983: 1

29 September 1983

South Africa: Levuvhu River: ?: Collector Unknown: TM: 1 [1 - 1] - Old picnic site: Wolhuter, D.A. et al.: TM: 1 [1 - 1 - 2].

Total Specimens for 29 September 1983: 2

30 September 1983

South Africa: Anthrax camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Levuvhu River: ?: Collector Unknown: TM: 12 [12 - 12 - 13].

Total Specimens for 30 September 1983: 13

1 October 1983

South Africa: Levuvhu hippo pool: Wolhuter, D.A. and Cassidy, R.: TM: 1 [1 - 1] - Levuvhu River: ?: Collector Unknown: TM: 10 [10 - 10 - 11].

Total Specimens for 1 October 1983: 11

2 October 1983

South Africa: : ?: Collector Unknown: TM: 1 [1 - 1] - Levuvhu River: ?: Collector Unknown: TM: 6 [6 - 6] - Old picnic site: Wolhuter, D.A. and Cassidy, R.J.: TM: 1 [1 - 1 - 8].

Total Specimens for 2 October 1983: 8

5 October 1983

South Africa: Old Picnic Site: ?: Collector Unknown: TM: 2 [2 - 2] - Skukuza lab buildings: ?: Collector Unknown: TM: 10 [10 - 10 - 12].

Total Specimens for 5 October 1983: 12

6 October 1983

South Africa: Old Picnic Site: ?: Collector Unknown: TM: 4 [4 - 4] - Skukuza: ?: Collector Unknown: TM: 9 [9 - 9] - Skukuza lab buildings: ?: Collector Unknown: TM: 11 [11 - 11 - 24].

Total Specimens for 6 October 1983: 24

7 October 1983

Namibia: Dumushe water: Coetzee, C.G.: TM: 6 [6 - 6 - 6].

Total Specimens for 7 October 1983: 6

22 October 1983

South Africa: Skukuza: ?: Collector Unknown: TM: 12 [12 - 12 - 12].

Total Specimens for 22 October 1983: 12

25 October 1983

South Africa: Old Picnic Site: ?: Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 8 [8 - 9 - 9].

Total Specimens for 25 October 1983: 9

26 October 1983

South Africa: Lanner Gorge cave: ?: Collector Unknown: TM: 4 [4 - 4 - 4].

Total Specimens for 26 October 1983: 4

27 October 1983

South Africa: Fig Tree Camp: ?: Collector Unknown: TM: 9 [9 - 9] - Figtree camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4 - 4] - Mockford Garden: ?: Collector Unknown: TM: 5 [5 - 5 - 18].

Total Specimens for 27 October 1983: 18

28 October 1983

South Africa: Erfplaas windmill: ?: Collector Unknown: TM: 5 [5]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 11 [11 - 16 - 16].

Total Specimens for 28 October 1983: 16

15 November 1983

Tanzania: Capri Point: Luttk, R.: ZMA: 3 [3 - 3 - 3].

Total Specimens for 15 November 1983: 3

25 November 1983

South Africa: Farm Leelykstraat 320: ?: Collector Unknown: MMK: 2 [2]; Erasmus, B.H.: MMK: 3 [3 - 5 - 5].

Total Specimens for 25 November 1983: 5

26 November 1983

South Africa: Mockford Garden: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 26 November 1983: 2

27 November 1983

South Africa: Mockford's garden: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - Skukuza lab buildings: ?: Collector Unknown: TM: 7 [7 - 7 - 9].

Total Specimens for 27 November 1983: 9

28 November 1983

South Africa: Fig Tree Camp: ?: Collector Unknown: TM: 10 [10 - 10] - Figtree camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3 - 13].

Total Specimens for 28 November 1983: 13

29 November 1983

South Africa: Fig Tree Camp: ?: Collector Unknown: TM: 6 [6 - 6] - Figtree camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 6 [6 - 6 - 12].

Total Specimens for 29 November 1983: 12

30 November 1983

South Africa: Anthrax camp: ?: Collector Unknown: TM: 4 [4]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 7 [7 - 11] - Leuvuhu River: Wolhuter, D.A. et al.: TM: 1 [1 - 1] - Old Picnic Site: ?: Collector Unknown: TM: 4 [4]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 7 [7 - 11 - 23].

Total Specimens for 30 November 1983: 23

4 December 1983

South Africa: St. Lucia: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 4 December 1983: 1

15 December 1983

South Africa: Mkuzi Game Reserve: Tomkinson, T.: TM: 1 [1 - 1 - 1].

Total Specimens for 15 December 1983: 1

28 December 1983

South Africa: Culling camp: ?: Collector Unknown: TM: 11 [11]; Wolhuter, D.A. et al.: TM: 10 [10 - 21] - Skukuza lab buildings: ? : Collector Unknown: TM: 4 [4 - 4 - 25].

Total Specimens for 28 December 1983: 25

29 December 1983

South Africa: Fig Tree Camp: ?: Collector Unknown: TM: 5 [5 - 5] - Figtree camp: Wolhuter, D.A. et al: TM: 1 [1]; Wolhuter, D.A. et al.: TM: 9 [9 - 10 - 15].

Total Specimens for 29 December 1983: 15

30 December 1983

South Africa: Fig Tree Camp: ?: Collector Unknown: TM: 5 [5 - 5 - 5].

Total Specimens for 30 December 1983: 5

7 January 1984

South Africa: Bloemfontein: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 7 January 1984: 1

17 January 1984

Congo (Democratic Republic of the): Irangi: Stephan, Heinz: SMF: 1 [1 - 1 - 1].

Total Specimens for 17 January 1984: 1

19 January 1984

South Africa: Ladybrand: ?: Collector Unknown: NMB: 4 [4 - 4 - 4].

Total Specimens for 19 January 1984: 4

20 January 1984

Congo (Democratic Republic of the): Irangi: Stephan, Heinz: SMF: 1 [1 - 1 - 1].

Total Specimens for 20 January 1984: 1

25 January 1984

South Africa: Fig Tree Camp: ?: Collector Unknown: TM: 14 [14 - 14] - Figtree camp: Rautenbach, Ignatius L. (Dr.) [=Naas] and van der Merwe, Mac. (Dr.): TM: 13 [13 - 13] - Skukuza lab buildings: ? : Collector Unknown: TM: 10 [10 - 10 - 37].

Total Specimens for 25 January 1984: 37

26 January 1984

South Africa: Fig Tree Camp: ?: Collector Unknown: TM: 1 [1 - 1] - Figtree camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4]; Rautenbach, Ignatius L. (Dr.) [=Naas] and van der Merwe, Mac. (Dr.): TM: 2 [2 - 6] - Tshalungwa Fountain: ? : Collector Unknown: TM: 6 [6 - 6] - Tshalungwa Fountain [=Shalungwafontein, Tshalungwafontein]: Rautenbach, Ignatius L. (Dr.) [=Naas] and van der Merwe, Mac. (Dr.): TM: 5 [5 - 5 - 18].

Total Specimens for 26 January 1984: 18

27 January 1984

South Africa: Fig Tree Camp: ?: Collector Unknown: TM: 3 [3 - 3] - Figtree camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5]; Rautenbach, Ignatius L. (Dr.) [=Naas] and van der Merwe, Mac. (Dr.): TM: 3 [3 - 8 - 11].

Total Specimens for 27 January 1984: 11

28 January 1984

South Africa: Mashikiri windmill: ?: Collector Unknown: TM: 4 [4 - 4 - 4].

Total Specimens for 28 January 1984: 4

31 January 1984

Congo (Democratic Republic of the): Irangi: Stephan, Heinz: SMF: 2 [2 - 2 - 2].**Total Specimens for 31 January 1984: 2**

1 February 1984

South Africa: Old picnic site: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].**Total Specimens for 1 February 1984: 1**

13 February 1984

South Africa: St. Lucia: ?: Collector Unknown: TM: 2 [2 - 2] - St. Lucia Village: ?: Collector Unknown: TM: 1 [1 - 1 - 3].**Total Specimens for 13 February 1984: 3**

15 February 1984

South Africa: Farm Mimosa 454: Erasmus, B.H.: MMK: 1 [1 - 1 - 1].**Total Specimens for 15 February 1984: 1**

19 February 1984

South Africa: Old Picnic Site: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 19 February 1984: 1**

20 February 1984

South Africa: St. Lucia: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 20 February 1984: 1**

24 February 1984

Tanzania: Lugoda Tea Estate: Baswell: SMF: 1 [1 - 1 - 1].**Total Specimens for 24 February 1984: 1**

28 February 1984

South Africa: Anthrax camp: ?: Collector Unknown: TM: 9 [9]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 23 [23 - 32] - Skukuza lab buildings: ?: Collector Unknown: TM: 10 [10 - 10 - 42].**Total Specimens for 28 February 1984: 42**

29 February 1984

South Africa: Anthrax camp: ?: Collector Unknown: TM: 5 [5]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 8] - Old Picnic Site: ?: Collector Unknown: TM: 1 [1 - 1 - 9].**Total Specimens for 29 February 1984: 9**

1 March 1984

South Africa: Fig Tree Camp: ?: Collector Unknown: TM: 13 [13 - 13] - Figtree camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3 - 16].**Total Specimens for 1 March 1984: 16**

2 March 1984

South Africa: Fig Tree Camp: ?: Collector Unknown: TM: 2 [2 - 2] - Figtree camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - Gwalali Army Camp: ?: Collector Unknown: TM: 3 [3]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 8 - 12].**Total Specimens for 2 March 1984: 12**

3 March 1984

South Africa: Gwalali Army camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - Mockford's garden: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 3].

Total Specimens for 3 March 1984: 3

4 March 1984

South Africa: Mashikiri windmill: ?: Collector Unknown: TM: 4 [4 - 4 - 4].

Total Specimens for 4 March 1984: 4

6 March 1984

South Africa: Bangu gorge caves: ?: Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 3 - 3].

Total Specimens for 6 March 1984: 3

12 March 1984

South Africa: Ngome Police Station: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 12 March 1984: 1

14 March 1984

Sudan: Khartoum: Walen, A.: ZMA: 10 [10 - 10 - 10].

Total Specimens for 14 March 1984: 10

23 March 1984

South Africa: Underberg, Trout hatchery: Alletson, J.: TM: 1 [1 - 1 - 1].

Total Specimens for 23 March 1984: 1

31 March 1984

South Africa: Anthrax camp: ?: Collector Unknown: TM: 12 [12]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 15] - Skukuza lab buildings: ?: Collector Unknown: TM: 8 [8 - 8 - 23].

Total Specimens for 31 March 1984: 23

1 April 1984

South Africa: Figtree camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 7 [7 - 7 - 7].

Total Specimens for 1 April 1984: 7

2 April 1984

South Africa: Fig Tree Camp: ?: Collector Unknown: TM: 5 [5 - 5] - Figtree camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 8 [8 - 8 - 13].

Total Specimens for 2 April 1984: 13

3 April 1984

South Africa: Fig Tree Camp: ?: Collector Unknown: TM: 16 [16 - 16] - Figtree camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3 - 19].

Total Specimens for 3 April 1984: 19

4 April 1984

South Africa: Anthrax camp: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 4 April 1984: 2

12 April 1984

South Africa: Nyala and Main Roads junction: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 12 April 1984: 1

16 April 1984

Sierra Leone: Fintonia, 5.8 km E: Robbins, C. Brian and Schmidt, D.F.: USNM: 1 [1 - 1 - 1].**Total Specimens for 16 April 1984: 1**

17 April 1984

Tanzania: Mwanihana forest: Howell, K.M.: SMF: 1 [1 - 1 - 1].**Total Specimens for 17 April 1984: 1**

18 April 1984

South Africa: Ficksburg, ca 1 km to Clocolan: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].**Total Specimens for 18 April 1984: 1**

19 April 1984

South Africa: Old Picnic Site: ?: Collector Unknown: TM: 8 [8]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 10 - 10].**Total Specimens for 19 April 1984: 10**

20 April 1984

Sierra Leone: Fintonia, 5.8 km E: Robbins, C. Brian: USNM: 2 [2]; Schmidt, D.F.: USNM: 1 [1 - 3 - 3].**Total Specimens for 20 April 1984: 3**

22 April 1984

South Africa: Gwalali Army Camp: ?: Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 6] - Limpopo-Levuvhu Rivers confluence: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3 - 9].**Total Specimens for 22 April 1984: 9**

23 April 1984

South Africa: Mashikiri windmill: ?: Collector Unknown: TM: 2 [2 - 2 - 2].**Total Specimens for 23 April 1984: 2**

24 April 1984

Sierra Leone: Fintonia, 5.8 km E: Carleton, Michael D. and Robbins, C. Brain: USNM: 1 [1 - 1 - 1].**South Africa:** Fig Tree Camp: ?: Collector Unknown: TM: 18 [18 - 18] - Figtree camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 12 [12 - 12] - Levuvhu bridge: ?: Collector Unknown: TM: 4 [4 - 4 - 34].**Total Specimens for 24 April 1984: 35**

25 April 1984

South Africa: Levuvhu bridge: ?: Collector Unknown: TM: 3 [3]; Rautenbach, Ignatius L. (Dr.) [=Naas]: CM: 1 [1 - 4] - Skukuza lab buildings: ?: Collector Unknown: TM: 8 [8 - 8 - 12].**Total Specimens for 25 April 1984: 12**

26 April 1984

South Africa: Old Picnic Site: ?: Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 6 - 6].**Total Specimens for 26 April 1984: 6**

28 April 1984

South Africa: Skukuza lab buildings: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 28 April 1984: 1**

30 April 1984

Sierra Leone: Sainya, 5.2 mi W by road: Robbins, C. Brian and Schmidt, D.F.: USNM: 2 [2 - 2 - 2].

Total Specimens for 30 April 1984: 2

2 May 1984

South Africa: Fouriesburg: ?: Collector Unknown: NMB: 3 [3 - 3 - 3].

The Gambia: Banjul: Williams: HZM: 1 [1 - 1 - 1].

Total Specimens for 2 May 1984: 4

5 May 1984

South Africa: Brandfort: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 5 May 1984: 1

14 May 1984

The Gambia: Walli Kunda, near: Williams, John G.: HZM: 2 [2 - 2 - 2].

Total Specimens for 14 May 1984: 2

15 May 1984

Sierra Leone: Fintonia, 5.7 km NE: Robbins, C. Brian and Schmidt, D.F.: USNM: 1 [1 - 1 - 1].

Total Specimens for 15 May 1984: 1

16 May 1984

Sierra Leone: Fintonia, 5.7 km NE: Robbins, C. Brian: USNM: 1 [1 - 1 - 1].

Total Specimens for 16 May 1984: 1

17 May 1984

Sierra Leone: Fintonia, 5.7 km NE: Robbins, C. Brian: USNM: 1 [1 - 1 - 1].

Total Specimens for 17 May 1984: 1

26 May 1984

South Africa: Fig Tree Camp: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 26 May 1984: 2

27 May 1984

South Africa: Old Picnic Site: ?: Collector Unknown: TM: 4 [4]; Wolhuter, D.A.: TM: 1 [1]; Wolhuter, D.A. et al.: TM: 6 [6 - 11] - Taung: James, D.K.: ZMA: 4 [4 - 4 - 15].

Total Specimens for 27 May 1984: 15

28 May 1984

South Africa: Old Picnic Site: ?: Collector Unknown: TM: 2 [2]; Grimbeek, Anton: TM: 1 [1]; Wolhuter, D.A. et al.: TM: 5 [5 - 8 - 8].

Total Specimens for 28 May 1984: 8

29 May 1984

South Africa: Old Picnic Site: ?: Collector Unknown: TM: 3 [3]; Wolhuter, D.A. et al.: TM: 3 [3 - 6 - 6].

Total Specimens for 29 May 1984: 6

5 June 1984

South Africa: Skukuza lab buildings: ?: Collector Unknown: TM: 12 [12 - 12 - 12].

Total Specimens for 5 June 1984: 12

23 June 1984

South Africa: Fig Tree Forest: ?: Collector Unknown: TM: 8 [8 - 8] - Figtree forest: Wolhuter, D.A. and Coetzer, D.J.: TM: 3 [3 - 3] - Skukuza Village: ?: Collector Unknown: TM: 7 [7 - 7 - 18].

Total Specimens for 23 June 1984: 18

24 June 1984

South Africa: Fig Tree Forest: ?: Collector Unknown: TM: 1 [1 - 1] - Figtree forest: Wolhuter, D.A. and Coetzer, D.J.: TM: 3 [3 - 3 - 4].

Total Specimens for 24 June 1984: 4

25 June 1984

South Africa: Anthrax camp: Wolhuter, D.A. and Coetzer, D.J.: TM: 3 [3 - 3 - 3].

Total Specimens for 25 June 1984: 3

26 June 1984

South Africa: Manxeba [=Maxeba] windmill: Wolhuter, D.A. and Coetzer, D.J.: TM: 3 [3 - 3] - Manxeba windmill [=waterhole]:
?: Collector Unknown: TM: 8 [8 - 8 - 11].

Total Specimens for 26 June 1984: 11

27 June 1984

South Africa: Manxeba windmill [=waterhole]: ?: Collector Unknown: TM: 6 [6 - 6 - 6].

Total Specimens for 27 June 1984: 6

29 June 1984

South Africa: Manxeba windmill [=waterhole]: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 29 June 1984: 1

30 June 1984

South Africa: Old Picnic Site: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 30 June 1984: 1

12 July 1984

South Africa: Lady Grey: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 12 July 1984: 1

26 July 1984

South Africa: Skukuza Town: ?: Collector Unknown: TM: 12 [12 - 12 - 12].

Total Specimens for 26 July 1984: 12

27 July 1984

South Africa: Old Culling camp: ?: Collector Unknown: TM: 5 [5 - 5 - 5].

Total Specimens for 27 July 1984: 5

28 July 1984

South Africa: Manxeba windmill [=waterhole]: ?: Collector Unknown: TM: 14 [14 - 14] - New figtree forest: Rautenbach,
Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 15].

Total Specimens for 28 July 1984: 15

30 July 1984

South Africa: Manxeba [=Maxeba] windmill: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - Manxeba windmill
[=waterhole]: ?: Collector Unknown: TM: 4 [4 - 4 - 6].

Total Specimens for 30 July 1984: 6

3 August 1984

South Africa: Mockford's Garden: Schlitter, Duane A. (dr.): CM: 1 [1 - 1 - 1].**Total Specimens for 3 August 1984: 1**

8 August 1984

Malawi: Likabula river: Harrison, David Lakin (Dr.) and Bates, Paul, J.J.: HZM: 1 [1 - 1 - 1].**Total Specimens for 8 August 1984: 1**

11 August 1984

Namibia: Welverdien Farm 328: Schlitter, Duane A. (dr.): CM: 1 [1 - 1 - 1].**Total Specimens for 11 August 1984: 1**

22 August 1984

Namibia: Ombonde Farm 616: Schlitter, Duane A. (dr.): CM: 2 [2 - 2 - 2].**Total Specimens for 22 August 1984: 2**

23 August 1984

Malawi: Likwenu river: Harrison, David Lakin (Dr.) and Bates, Paul, J.J.: HZM: 1 [1 - 1 - 1].**Namibia:** Ombonde Farm 616: Schlitter, Duane A. (dr.): CM: 2 [2 - 2 - 2].**Total Specimens for 23 August 1984: 3**

24 August 1984

Namibia: Ombonde Farm 616: Schlitter, Duane A. (dr.): CM: 2 [2 - 2 - 2].**Total Specimens for 24 August 1984: 2**

26 August 1984

Congo (Democratic Republic of the): Boteka: Lootens, P. (Rev.): RMCA: 1 [1 - 1 - 1].**Total Specimens for 26 August 1984: 1**

28 August 1984

South Africa: Anthrax camp: ?: Collector Unknown: TM: 5 [5 - 5 - 5].**Total Specimens for 28 August 1984: 5**

29 August 1984

South Africa: Fig Tree Camp: ?: Collector Unknown: TM: 8 [8 - 8] - Figtree camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4 - 4 - 12].**Total Specimens for 29 August 1984: 12**

30 August 1984

South Africa: Culling Camp: ?: Collector Unknown: TM: 2 [2 - 2] - Manxeba [=Maxeaba] windmill: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 3].**Total Specimens for 30 August 1984: 3**

31 August 1984

South Africa: Manditobe Dam: ?: Collector Unknown: TM: 6 [6]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4 - 10 - 10].**Total Specimens for 31 August 1984: 10**

1 September 1984

Tanzania: Gibbs farm: Howell, K.M.: SMF: 1 [1 - 1 - 1].

Total Specimens for 1 September 1984: 1

3 September 1984

Tanzania: Mongola: Howell, K.M. and Harly: SMF: 1 [1 - 1 - 1].**Total Specimens for 3 September 1984: 1**

4 September 1984

South Africa: Rhenosterkoppies: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Skukuza lab buildings: ?: Collector Unknown: TM: 10 [10 - 10] - Skukuza Town: ?: Collector Unknown: TM: 1 [1 - 1 - 12].**Total Specimens for 4 September 1984: 12**

12 September 1984

South Africa: Aliwal North: ?: Collector Unknown: NMB: 4 [4 - 4 - 4].**Total Specimens for 12 September 1984: 4**

14 September 1984

South Africa: Figtree camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].**Total Specimens for 14 September 1984: 1**

20 September 1984

South Africa: Ladybrand Town: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].**Total Specimens for 20 September 1984: 1**

24 September 1984

South Africa: Fig Tree Camp: ?: Collector Unknown: TM: 11 [11 - 11] - Figtree camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 9 [9 - 9 - 20].**Total Specimens for 24 September 1984: 20**

25 September 1984

South Africa: Figtree Forest, downstream: ?: Collector Unknown: TM: 12 [12 - 12 - 12].**Total Specimens for 25 September 1984: 12**

26 September 1984

South Africa: Manxeba windmill [=waterhole]: ?: Collector Unknown: TM: 7 [7 - 7 - 7].**Total Specimens for 26 September 1984: 7**

30 September 1984

South Africa: Skukuza lab buildings: ?: Collector Unknown: TM: 7 [7 - 7 - 7].**Total Specimens for 30 September 1984: 7**

6 October 1984

Malawi: Zomba town: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].**Total Specimens for 6 October 1984: 1**

9 October 1984

Malawi: Zomba town: Happold, David C.D. and Happold, Meridith: DCDH: 7 [7 - 7 - 7].**Total Specimens for 9 October 1984: 7**

14 October 1984

Malawi: Zomba town: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].

Total Specimens for 14 October 1984: 1

20 October 1984

Malawi: Zomba town: Happold, David C.D. and Happold, Meridith: DCDH: 8 [8 - 8 - 8].**Total Specimens for 20 October 1984: 8**

27 October 1984

South Africa: Old Culling camp: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 27 October 1984: 1**

28 October 1984

South Africa: Manxeba [=Maxeba] windmill: Wolhuter, D.A. et al.: TM: 1 [1 - 1 - 1].**Total Specimens for 28 October 1984: 1**

29 October 1984

South Africa: Fig Tree Camp: ?: Collector Unknown: TM: 5 [5 - 5] - Figtree camp: Wolhuter, D.A. and van der Merwe, N.J.: TM: 5 [5 - 5 - 10].**Total Specimens for 29 October 1984: 10**

30 October 1984

Namibia: Farm Klein Aus 8: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 8 [8 - 8 - 8].**South Africa:** Fig Tree Camp: ?: Collector Unknown: CM: 1, TM: 1 [2 - 2] - Fig Tree Camp, downstream left hand bank: ?: Collector Unknown: TM: 1 [1 - 1] - Fig Tree Camp, left hand bank: ?: Collector Unknown: TM: 10 [10 - 10] - Figtree camp: Wolhuter, D.A. and van der Merwe, N.J.: TM: 1 [1 - 1] - Figtree Forest: ?: Collector Unknown: TM: 2 [2 - 2 - 16].**Total Specimens for 30 October 1984: 24**

31 October 1984

Malawi: Zomba town: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].**Namibia:** Farm Klein Aus 8: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 9 [9 - 9 - 9].**South Africa:** Figtree camp: Wolhuter, D.A.: CM: 1 [1 - 1] - Figtree Forest: ?: Collector Unknown: TM: 3 [3 - 3] - Manxeba windmill [=waterhole]: ?: Collector Unknown: TM: 1 [1 - 1 - 5].**Total Specimens for 31 October 1984: 15**

1 November 1984

Namibia: Farm Klein Aus 8: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 6 [6 - 6] - Klein Aus Farm 8: Schlitter, Duane A. (dr.): CM: 1 [1 - 1 - 7].**South Africa:** Manxeba windmill [=waterhole]: ?: Collector Unknown: TM: 2 [2 - 2 - 2].**Total Specimens for 1 November 1984: 9**

2 November 1984

South Africa: Skukuza lab buildings: ?: Collector Unknown: TM: 9 [9 - 9 - 9].**Total Specimens for 2 November 1984: 9**

3 November 1984

Namibia: Farm Zwartmodder 101: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 32 [32 - 32 - 32].**Total Specimens for 3 November 1984: 32**

4 November 1984

Malawi: Zomba town: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].**Namibia:** Farm Zwartmodder 101: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].**Total Specimens for 4 November 1984: 2**

5 November 1984

Namibia: Farm Zwartmodder 101: ?: Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 13 [13 - 14 - 14].

Total Specimens for 5 November 1984: 14

7 November 1984

Malawi: Zomba town: Happold, David C.D. and Happold, Meridith: BMNH: 1 [1 - 1 - 1].

Namibia: Farm Zwartmodder 101: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

Total Specimens for 7 November 1984: 2

9 November 1984

Namibia: Farm Otjikoko Sud 61 [Pipistrelle Cave]: ?: Collector Unknown: TM: 3 [3]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 10 [10 - 13] - Otjikoko Sud 61: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2 - 15].

Total Specimens for 9 November 1984: 15

12 November 1984

Malawi: Liwonde National Park: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].

Total Specimens for 12 November 1984: 1

13 November 1984

Malawi: Liwonde National Park: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].

Total Specimens for 13 November 1984: 1

16 November 1984

Malawi: Zomba town: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].

Total Specimens for 16 November 1984: 1

17 November 1984

Malawi: Zomba town: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].

Total Specimens for 17 November 1984: 1

21 November 1984

South Africa: Mount Currie Nature Reserve: Crowson, T.: TM: 1 [1 - 1 - 1].

Total Specimens for 21 November 1984: 1

24 November 1984

Malawi: Bone's Garden, 16th Avenue: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].

Total Specimens for 24 November 1984: 1

26 November 1984

South Africa: Manxeba windmill [=waterhole]: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 26 November 1984: 1

27 November 1984

South Africa: Old Culling camp: ?: Collector Unknown: TM: 8 [8 - 8 - 8].

Total Specimens for 27 November 1984: 8

28 November 1984

South Africa: Manxeba [=Maxeba] windmill: Wolhuter, D.A. et al.: TM: 8 [8 - 8] - Manxeba windmill [=waterhole]: ?: Collector Unknown: TM: 13 [13 - 13 - 21].

Total Specimens for 28 November 1984: 21

29 November 1984

South Africa: Fig Tree Camp: ?: Collector Unknown: TM: 4 [4 - 4] - Manxeba windmill [=waterhole]: ?: Collector Unknown: TM: 1 [1 - 1 - 5].

Total Specimens for 29 November 1984: 5

4 December 1984

South Africa: Skukuza lab buildings: ?: Collector Unknown: TM: 4 [4 - 4 - 4].

Total Specimens for 4 December 1984: 4

7 December 1984

Malawi: Zomba town: Happold, David C.D. and Happold, Meridith: BMNH: 1, DCDH: 1 [2 - 2 - 2].

Total Specimens for 7 December 1984: 2

9 December 1984

Malawi: Zomba town: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].

Total Specimens for 9 December 1984: 1

10 December 1984

Malawi: Zomba town: Happold, David C.D. and Happold, Meridith: BMNH: 2 [2 - 2 - 2].

Total Specimens for 10 December 1984: 2

11 December 1984

Malawi: Liwonde National Park: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].

Total Specimens for 11 December 1984: 1

12 December 1984

Malawi: Liwonde National Park: Happold, David C.D. and Happold, Meridith: BMNH: 1 [1 - 1 - 1].

Total Specimens for 12 December 1984: 1

16 December 1984

South Africa: Kamberg Nature Reserve: ?: Collector Unknown: TM: 1 [1 - 1] - Kamberg Nature Reserve, Gladstone's Nose: ?: Collector Unknown: TM: 1 [1 - 1 - 2].

Total Specimens for 16 December 1984: 2

18 December 1984

Rwanda: Nyamjumba: Baeten, Benny and Janssens, Luc: RMCA: 1 [1 - 1 - 1].

Total Specimens for 18 December 1984: 1

19 December 1984

Malawi: Lengwe National Park: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].

Total Specimens for 19 December 1984: 1

25 December 1984

South Africa: False Bay, Lister Point: Porter, I.: TM: 1 [1 - 1 - 1].

Total Specimens for 25 December 1984: 1

27 December 1984

Malawi: Zomba town: Happold, David C.D. and Happold, Meridith: BMNH: 2, DCDH: 2 [4 - 4 - 4].

Total Specimens for 27 December 1984: 4

30 December 1984

Malawi: Zomba town: Happold, David C.D. and Happold, Meridith: BMNH: 1, DCDH: 2 [3 - 3 - 3].

Total Specimens for 30 December 1984: 3

31 December 1984

Malawi: Zomba town: Happold, David C.D. and Happold, Meridith: BMNH: 1 [1 - 1 - 1].

Total Specimens for 31 December 1984: 1

1 January 1985

Malawi: Zomba town: Happold, David C.D. and Happold, Meridith: BMNH: 1 [1 - 1 - 1].

South Africa: Mount Currie Nature Reserve: Crowson, J.: TM: 1 [1 - 1 - 1].

Total Specimens for 1 January 1985: 2

5 January 1985

Rwanda: Shangi: Baeten, Benny and Janssens, Luc: RMCA: 2 [2 - 2 - 2].

Total Specimens for 5 January 1985: 2

22 January 1985

Malawi: Thondwe: Happold, David C.D. and Happold, Meridith: BMNH: 1 [1 - 1 - 1].

Total Specimens for 22 January 1985: 1

25 January 1985

Malawi: Zomba town: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].

Total Specimens for 25 January 1985: 1

30 January 1985

Malawi: Bone's Garden, 16th Avenue: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].

South Africa: St. Lucia Lake, eastern shores: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 30 January 1985: 2

31 January 1985

South Africa: Anthrax camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4 - 4 - 4].

Total Specimens for 31 January 1985: 4

1 February 1985

South Africa: Old Picnic Site: ?: Collector Unknown: TM: 3 [3]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 4 - 4].

Total Specimens for 1 February 1985: 4

2 February 1985

South Africa: Culling Camp: ?: Collector Unknown: TM: 9 [9]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 8 [8 - 17 - 17].

Total Specimens for 2 February 1985: 17

3 February 1985

South Africa: Fig Tree Camp: ?: Collector Unknown: TM: 1 [1 - 1] - Figtree camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2 - 3].

Total Specimens for 3 February 1985: 3

4 February 1985

South Africa: Mockford's garden: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2 - 2].

Total Specimens for 4 February 1985: 2

5 February 1985

Malawi: Liwonde National Park: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].**South Africa:** Figtree Forest: ?: Collector Unknown: TM: 1 [1 - 1] - New Figtree camp: ?: Collector Unknown: TM: 2 [2 - 2] - New figtree forest: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 4].**Total Specimens for 5 February 1985: 5**

6 February 1985

South Africa: Anthrax camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3 - 3].**Total Specimens for 6 February 1985: 3**

7 February 1985

Rwanda: Gafumba: Théoneste: RMCA: 1 [1 - 1 - 1].**South Africa:** Manxeba windmill [=waterhole]: ?: Collector Unknown: TM: 2 [2 - 2 - 2].**Total Specimens for 7 February 1985: 3**

11 February 1985

Malawi: Luwawa dam: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].**Total Specimens for 11 February 1985: 1**

21 February 1985

South Africa: Msinga pan: Davies, R. and Walker, P.: TM: 1 [1 - 1 - 1].**Total Specimens for 21 February 1985: 1**

28 February 1985

South Africa: Skukuza lab buildings: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 28 February 1985: 1**

2 March 1985

Malawi: Zomba town: Happold, David C.D. and Happold, Meridith: DCDH: 2 [2 - 2 - 2].**Total Specimens for 2 March 1985: 2**

9 March 1985

South Africa: Giants Castle Game Reserve: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 9 March 1985: 1**

14 March 1985

South Africa: Barkly East: ?: Collector Unknown: NMB: 3 [3 - 3 - 3].**Total Specimens for 14 March 1985: 3**

18 March 1985

Malawi: Zomba Plateau: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].**Total Specimens for 18 March 1985: 1**

20 March 1985

Malawi: Trout Ponds: Happold, David C.D. and Happold, Meridith: BMNH: 2 [2 - 2] - Zomba Plateau: Happold, David C.D. and Happold, Meridith: DCDH: 3 [3 - 3 - 5].**Total Specimens for 20 March 1985: 5**

21 March 1985

Malawi: Trout Ponds: Happold, David C.D. and Happold, Meridith: BMNH: 1 [1 - 1] - Zomba Plateau: Happold, David C.D. and Happold, Meridith: DCDH: 2 [2 - 2 - 3].

Total Specimens for 21 March 1985: 3

24 March 1985

Malawi: Zomba Plateau: Happold, David C.D. and Happold, Meridith: DCDH: 2 [2 - 2 - 2].

Total Specimens for 24 March 1985: 2

26 March 1985

Malawi: Zomba town: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].

Total Specimens for 26 March 1985: 1

3 April 1985

South Africa: Jozini: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 3 April 1985: 1

7 April 1985

Malawi: Liwonde National Park: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].

Total Specimens for 7 April 1985: 1

10 April 1985

South Africa: Fig Tree Camp: ?: Collector Unknown: TM: 6 [6 - 6] - Taung: James, D.K.: ZMA: 3 [3 - 3 - 9].

Total Specimens for 10 April 1985: 9

11 April 1985

South Africa: Levuvhu river: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - New Figtree camp: ?: Collector Unknown: TM: 6 [6 - 6] - New figtree forest: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4 - 4 - 11].

Total Specimens for 11 April 1985: 11

12 April 1985

South Africa: Old Picnic Site: ?: Collector Unknown: TM: 6 [6]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 7 [7 - 13 - 13].

Total Specimens for 12 April 1985: 13

13 April 1985

South Africa: Culling Camp: ?: Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 4] - Old picnic site: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 5 - 9].

Total Specimens for 13 April 1985: 9

14 April 1985

South Africa: Manxeba [=Maxeba] windmill: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

Total Specimens for 14 April 1985: 1

15 April 1985

South Africa: Manxeba [=Maxeba] windmill: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].
Tanzania: Morningside: Andulege and Mdumu: SMF: 1 [1 - 1 - 1].

Total Specimens for 15 April 1985: 2

16 April 1985

South Africa: Figtree forest: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

Total Specimens for 16 April 1985: 1

18 April 1985

Malawi: Kasungu national park: Happold, David C.D. and Happold, Meridith: BMNH: 1 [1 - 1 - 1].
South Africa: Barkly East: ? : Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 18 April 1985: 2

19 April 1985

Morocco: Aoufouss: Arlettaz, R.: MHNG: 1 [1 - 1 - 1].
South Africa: Taung: James, D.K.: ZMA: 3 [3 - 3 - 3].

Total Specimens for 19 April 1985: 4

20 April 1985

Malawi: Kasungu national park: Happold, David C.D. and Happold, Meridith: BMNH: 1 [1 - 1 - 1].

Total Specimens for 20 April 1985: 1

21 April 1985

Malawi: Kasungu national park: Happold, David C.D. and Happold, Meridith: DCDH: 2 [2 - 2 - 2].

Total Specimens for 21 April 1985: 2

28 April 1985

Malawi: Chelinda: Happold, David C.D. and Happold, Meridith: BMNH: 1, DCDH: 2 [3 - 3 - 3].

Total Specimens for 28 April 1985: 3

29 April 1985

Malawi: Chelinda: Happold, David C.D. and Happold, Meridith: BMNH: 1, DCDH: 1 [2 - 2] - Nyika National Park: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 3].

Total Specimens for 29 April 1985: 3

7 May 1985

Malawi: Chelinda: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].

Total Specimens for 7 May 1985: 1

10 May 1985

South Africa: Norlim mine [=Buxton mine]: James, D.K.: ZMA: 3 [3 - 3 - 3].

Total Specimens for 10 May 1985: 3

11 May 1985

Malawi: Luwawa dam: Happold, David C.D. and Happold, Meridith: DCDH: 6 [6 - 6] - Zomba town: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 7].

Total Specimens for 11 May 1985: 7

12 May 1985

Malawi: Luwawa dam: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].

Total Specimens for 12 May 1985: 1

16 May 1985

Malawi: Bone's Garden, 16th Avenue: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].

Total Specimens for 16 May 1985: 1

1 June 1985

Malawi: Zomba town: Happold, David C.D. and Happold, Meridith: DCDH: 2 [2 - 2 - 2].
South Africa: Anthrax camp: ? : Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 1 June 1985: 4

2 June 1985

South Africa: Fig Tree Camp: ?: Collector Unknown: TM: 8 [8 - 8] - Weenen Nature Reserve: Mathias, L.: TM: 1 [1 - 1 - 9].**Total Specimens for 2 June 1985: 9**

4 June 1985

South Africa: Maditobe Witsand Dam: Wolhuter, D.A. et al: TM: 1 [1 - 1] - Witsand Dam: ?: Collector Unknown: TM: 8 [8 - 8 - 9].**Total Specimens for 4 June 1985: 9**

5 June 1985

South Africa: Manxeba windmill [=waterhole]: ?: Collector Unknown: TM: 8 [8 - 8 - 8].**Total Specimens for 5 June 1985: 8**

13 June 1985

South Africa: Elliot: ?: Collector Unknown: NMB: 2 [2 - 2 - 2].**Total Specimens for 13 June 1985: 2**

26 June 1985

South Africa: Bloemfontein: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].**Total Specimens for 26 June 1985: 1**

16 July 1985

South Africa: Potchefstroom: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].**Total Specimens for 16 July 1985: 1**

6 August 1985

Kenya: Muumandu: Ithia, J.M.K.: HZM: 1 [1 - 1 - 1].**Total Specimens for 6 August 1985: 1**

16 August 1985

Kenya: Kamuuani: Ithia, J.M.K.: HZM: 1 [1 - 1 - 1].**Total Specimens for 16 August 1985: 1**

24 August 1985

South Africa: Fig Tree Camp: ?: Collector Unknown: TM: 1 [1 - 1] - Fig Tree Forest: ?: Collector Unknown: TM: 3 [3 - 3] - Figtree camp: Wolhuter, D.A.: TM: 1 [1]; Wolhuter, D.A. et al.: TM: 3 [3 - 4] - Figtree Forest: ?: Collector Unknown: TM: 1 [1 - 1 - 9].**Total Specimens for 24 August 1985: 9**

25 August 1985

South Africa: Old Picnic Site: ?: Collector Unknown: TM: 3 [3]; Wolhuter, D.A. et al.: TM: 1 [1 - 4] - Pigeon Valley: ?: Collector Unknown: TM: 1 [1 - 1 - 5].**Total Specimens for 25 August 1985: 5**

28 August 1985

South Africa: Maditobe Witsand Dam: ?: Collector Unknown: TM: 3 [3 - 3 - 3].**Total Specimens for 28 August 1985: 3**

29 August 1985

South Africa: Manxeba [=Maxeaba] windmill: Wolhuter, D.A.: TM: 2 [2]; Wolhuter, D.A. et al.: TM: 4 [4 - 6] - Manxeba windmill [=waterhole]: ?: Collector Unknown: TM: 1 [1 - 1 - 7].

Total Specimens for 29 August 1985: 7

30 August 1985

South Africa: Fig Tree Camp: ?: Collector Unknown: TM: 1 [1 - 1] - Figtree camp: ?: Collector Unknown: TM: 2 [2 - 2 - 3].

Total Specimens for 30 August 1985: 3

1 September 1985

Tanzania: Amani: McInnery: BMNH: 1 [1 - 1 - 1].

Total Specimens for 1 September 1985: 1

30 September 1985

Kenya: Hells Gate Canyon: Schlitter, Duane A. (dr.): CM: 1 [1]; Schlitter, Duane A. (dr.) et al.: CM: 1 [1 - 2 - 2].

Total Specimens for 30 September 1985: 2

3 October 1985

Kenya: Hells Gate Canyon: Schlitter, Duane A. (dr.) et al.: CM: 2 [2 - 2 - 2].

Total Specimens for 3 October 1985: 2

7 October 1985

Kenya: Nakuru, 12 km S, 4 km E: Schlitter, Duane A. (dr.) et al.: CM: 2 [2 - 2 - 2].

Total Specimens for 7 October 1985: 2

9 October 1985

South Africa: Weenen Nature Reserve: Bourquin, O.: TM: 1 [1 - 1 - 1].

Total Specimens for 9 October 1985: 1

14 October 1985

Kenya: Makandara picnic site: Schlitter, Duane A. (dr.) et al.: CM: 1 [1 - 1 - 1].

Total Specimens for 14 October 1985: 1

15 October 1985

Kenya: Makandara picnic site: Nelson, K.: AMNH: 1 [1]; Schlitter, Duane A. (dr.) et al.: CM: 4 [4 - 5 - 5].

Total Specimens for 15 October 1985: 5

16 October 1985

Kenya: Shimba Hills: Schlitter, Duane A. (dr.) et al.: CM: 1 [1 - 1 - 1].

Total Specimens for 16 October 1985: 1

17 October 1985

Kenya: Tiwi, 1 km N: Schlitter, Duane A. (dr.) et al.: CM: 1 [1 - 1 - 1].

Total Specimens for 17 October 1985: 1

19 October 1985

Kenya: Tiwi, 1 km N: Schlitter, Duane A. (dr.) et al.: CM: 2 [2 - 2 - 2].

Total Specimens for 19 October 1985: 2

23 October 1985

Kenya: Bushwacker's Safari Camp: Schlitter, Duane A. (dr.) et al.: CM: 2 [2 - 2 - 2].

Total Specimens for 23 October 1985: 2

24 October 1985

Kenya: Bushwacker's Safari Camp: Schlitter, Duane A. (dr.) et al.: CM: 1 [1 - 1 - 1].

Total Specimens for 24 October 1985: 1

25 October 1985

Congo (Democratic Republic of the): Boteka: Lootens, P. (Rev.): RMCA: 1 [1 - 1 - 1].

Kenya: Bushwacker's Safari Camp: Schlitter, Duane A. (dr.) et al.: CM: 1 [1 - 1 - 1].

Total Specimens for 25 October 1985: 2

27 October 1985

Kenya: Bushwacker's Safari Camp: Schlitter, Duane A. (dr.) et al.: CM: 5 [5 - 5 - 5].

Total Specimens for 27 October 1985: 5

28 October 1985

South Africa: Ladybrand Town: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 28 October 1985: 1

3 November 1985

Namibia: Farm Zwartmodder 101: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

South Africa: Anthrax camp: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 3 November 1985: 2

5 November 1985

Kenya: Kakamega forest station: Schlitter, Duane A. (dr.) et al.: CM: 3 [3 - 3 - 3].

Total Specimens for 5 November 1985: 3

6 November 1985

Kenya: Kakamega forest station: Schlitter, Duane A. (dr.) et al.: CM: 1 [1 - 1 - 1].

South Africa: Gwalali Army camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

Total Specimens for 6 November 1985: 2

8 November 1985

Kenya: Ikuywa river bridge: Schlitter, Duane A. (dr.) et al.: CM: 2 [2 - 2 - 2].

Total Specimens for 8 November 1985: 2

11 November 1985

South Africa: Elliot: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 11 November 1985: 1

23 November 1985

South Africa: Mockford Garden: ?: Collector Unknown: TM: 2 [2 - 2] - Mockford's garden: Penzhorn, B.L. and Kilian, J.A.: TM: 1 [1 - 1 - 3].

Total Specimens for 23 November 1985: 3

24 November 1985

South Africa: Pafuri: ?: Collector Unknown: TM: 4 [4 - 4 - 4].

Total Specimens for 24 November 1985: 4

27 November 1985

South Africa: Anthrax camp: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 27 November 1985: 1

3 December 1985

South Africa: Skukuza lab buildings: ?: Collector Unknown: TM: 13 [13 - 13 - 13].

Total Specimens for 3 December 1985: 13

18 December 1985

South Africa: Skukuza Town: ?: Collector Unknown: TM: 14 [14 - 14 - 14].
Zambia: Farm Xanadu: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 18 December 1985: 15

4 January 1986

South Africa: St. Lucia Village: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 4 January 1986: 1

13 January 1986

South Africa: Barkly East: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 13 January 1986: 1

19 January 1986

South Africa: Weston Agricultural College: Bourquin, D.: TM: 1 [1 - 1 - 1].

Total Specimens for 19 January 1986: 1

7 February 1986

Kenya: Kamuuani: Ithia, J.M.K.: HZM: 1 [1 - 1 - 1].

Total Specimens for 7 February 1986: 1

13 February 1986

South Africa: Jamestown: ?: Collector Unknown: NMB: 2 [2 - 2 - 2].

Total Specimens for 13 February 1986: 2

18 February 1986

South Africa: Albert Falls Public Resort: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 18 February 1986: 1

4 March 1986

South Africa: Cederberg, Algeria State Forest, campsite: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 9 [9 - 9 - 9].

Total Specimens for 4 March 1986: 9

6 March 1986

South Africa: Cederberg, Algeria State Forest, campsite: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4 - 4 - 4].

Total Specimens for 6 March 1986: 4

7 March 1986

South Africa: Cederberg, Algeria State Forest, campsite: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 8 [8 - 8 - 8].

Total Specimens for 7 March 1986: 8

10 March 1986

South Africa: Scottsburgh Golf Course: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 10 March 1986: 1

13 March 1986

South Africa: Dordrecht: ?: Collector Unknown: NMB: 3 [3 - 3 - 3].

Total Specimens for 13 March 1986: 3

8 April 1986

South Africa: Jan Smit Steel Works, near: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 8 April 1986: 1

16 April 1986

Tanzania: Mikumi National Park H.Q.: Howell, K.M.: SMF: 1 [1 - 1 - 1].

Total Specimens for 16 April 1986: 1

6 May 1986

South Africa: Fig Tree Camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: CM: 2 [2 - 2 - 2].

Total Specimens for 6 May 1986: 2

7 May 1986

South Africa: Fig Tree Camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: CM: 4 [4 - 4 - 4].

Total Specimens for 7 May 1986: 4

8 May 1986

South Africa: Maditobepan: Rautenbach, Ignatius L. (Dr.) [=Naas]: CM: 11 [11 - 11 - 11].

Total Specimens for 8 May 1986: 11

9 May 1986

South Africa: Old Picnic site: Rautenbach, Ignatius L. (Dr.) [=Naas]: CM: 1 [1 - 1 - 1].

Total Specimens for 9 May 1986: 1

11 May 1986

South Africa: Mockford Garden: ?: Collector Unknown: TM: 2 [2 - 2] - Mockford's garden: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2 - 4].

Tanzania: Manyara, Lake: Howell, K.M.: SMF: 1 [1 - 1 - 1].

Total Specimens for 11 May 1986: 5

8 July 1986

South Africa: Kalahari Gemsbok National Park, Kameelsleep: Brain, C.K.: TM: 2 [2 - 2 - 2].

Total Specimens for 8 July 1986: 2

20 July 1986

South Africa: Figtree camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3 - 3].

Total Specimens for 20 July 1986: 3

22 July 1986

South Africa: Mockford's garden: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2 - 2].

Total Specimens for 22 July 1986: 2

28 July 1986

Tanzania: Mangola: Howell, K.M.: SMF: 1 [1 - 1 - 1].
Zimbabwe: Kudzwe dam: Cuisance, Dominique (Dr.): MNHN: 1 [1 - 1 - 1].

Total Specimens for 28 July 1986: 2

31 July 1986

South Africa: Sterkstroom: ?: Collector Unknown: NMB: 2 [2 - 2 - 2].
Zimbabwe: Kudzwe dam: Cuisance, Dominique (Dr.): MNHN: 2 [2 - 2 - 2].

Total Specimens for 31 July 1986: 4

6 August 1986

Tanzania: Dar es Salaam: Mduma: SMF: 1 [1 - 1 - 1].

Total Specimens for 6 August 1986: 1

15 August 1986

Congo (Democratic Republic of the): Mosenge: WHO and Marc_Colyn: RMCA: 1 [1 - 1 - 1].

Total Specimens for 15 August 1986: 1

17 August 1986

South Africa: Vredefort: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 17 August 1986: 1

4 September 1986

South Africa: Elim hospital: Stuart, C.T.: TM: 1 [1 - 1] - Jamestown: ?: Collector Unknown: NMB: 1 [1 - 1 - 2].

Total Specimens for 4 September 1986: 2

12 September 1986

South Africa: Vredefort: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 12 September 1986: 1

17 September 1986

South Africa: Vredefort: ?: Collector Unknown: NMB: 2 [2 - 2 - 2].

Total Specimens for 17 September 1986: 2

2 October 1986

South Africa: Aliwal North: ?: Collector Unknown: NMB: 3 [3 - 3 - 3].

Total Specimens for 2 October 1986: 3

8 October 1986

South Africa: Himeville: Curminghams: DNSM: 1 [1 - 1 - 1].

Total Specimens for 8 October 1986: 1

12 October 1986

South Africa: Manyeleti Game Reserve, Main Camp: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 12 October 1986: 1

16 October 1986

South Africa: Figtree camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3 - 3].

Total Specimens for 16 October 1986: 3

19 October 1986

South Africa: Figtree camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

Total Specimens for 19 October 1986: 1

20 October 1986

South Africa: Gwalali: ?: Collector Unknown: TM: 2 [2 - 2] - Gwalali Army camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - New Figtree camp: ?: Collector Unknown: TM: 1 [1 - 1 - 5].

Total Specimens for 20 October 1986: 5

21 October 1986

South Africa: Gwalali: ?: Collector Unknown: TM: 2 [2 - 2] - Gwalali Army camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - Waterberg, Farm Klipfontein 54JS: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 5].

Total Specimens for 21 October 1986: 5

4 November 1986

South Africa: Elim Hospital: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 4 November 1986: 1

18 November 1986

South Africa: Winburg [Exelsior]: ?: Collector Unknown: NMB: 13 [13 - 13 - 13].

Total Specimens for 18 November 1986: 13

4 December 1986

South Africa: Dordrecht: ?: Collector Unknown: NMB: 3 [3 - 3 - 3].

Total Specimens for 4 December 1986: 3

10 December 1986

South Africa: Lindley: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 10 December 1986: 1

18 December 1986

South Africa: N2 crosses Umhlanga River: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 18 December 1986: 1

15 January 1987

South Africa: Maclear: ?: Collector Unknown: NMB: 2 [2 - 2 - 2].

Total Specimens for 15 January 1987: 2

25 January 1987

South Africa: Geelbek: Joubert, P.: TM: 1 [1 - 1 - 1].

Total Specimens for 25 January 1987: 1

14 February 1987

South Africa: Manyeleti Game Reserve: Haagner, G.: TM: 1 [1 - 1 - 1].

Total Specimens for 14 February 1987: 1

18 February 1987

South Africa: Fig Tree Camp: ?: Collector Unknown: TM: 1 [1 - 1] - Maclear: ?: Collector Unknown: NMB: 6 [6 - 6 - 7].

Total Specimens for 18 February 1987: 7

19 February 1987

South Africa: Maclear: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 19 February 1987: 1

10 March 1987

South Africa: Pilanesberg National Park: Grant, K.: TM: 2 [2 - 2 - 2].

Total Specimens for 10 March 1987: 2

18 March 1987

South Africa: New Muckleneuk: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 18 March 1987: 1

25 March 1987

South Africa: Maclear: ?: Collector Unknown: NMB: 2 [2 - 2 - 2].

Total Specimens for 25 March 1987: 2

26 March 1987

South Africa: Maclear: ?: Collector Unknown: NMB: 6 [6 - 6 - 6].

Total Specimens for 26 March 1987: 6

1 April 1987

South Africa: Charter's Creek: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 1 April 1987: 1

14 April 1987

South Africa: Zastron: ?: Collector Unknown: NMB: 42 [42 - 42 - 42].

Total Specimens for 14 April 1987: 42

19 April 1987

South Africa: Manyeleti Game Reserve, main camp: Haagner, G.: TM: 1 [1 - 1 - 1].

Total Specimens for 19 April 1987: 1

21 April 1987

South Africa: Manyeleti Game Reserve, main camp: Haagner, G.: TM: 1 [1 - 1 - 1].

Total Specimens for 21 April 1987: 1

26 April 1987

South Africa: Maclear: ?: Collector Unknown: NMB: 1 [1 - 1] - Ngome Forest Reserve: ?: Collector Unknown: TM: 1 [1];
Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 2 - 3].

Total Specimens for 26 April 1987: 3

28 April 1987

South Africa: Ngome Forest Reserve: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 28 April 1987: 1

29 April 1987

South Africa: Ngome Forest Reserve: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 29 April 1987: 1

30 April 1987

South Africa: Ngome Forest Reserve: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 30 April 1987: 1

8 May 1987

South Africa: Manyeleti Game Reserve, Main Camp: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 8 May 1987: 1

20 May 1987

South Africa: Ficksburg: ?: Collector Unknown: NMB: 8 [8 - 8 - 8].

Total Specimens for 20 May 1987: 8

1 June 1987

South Africa: Farm Katrina: Griesel, W.J.H.J.: TM: 1 [1 - 1 - 1].

Total Specimens for 1 June 1987: 1

16 June 1987

South Africa: Mpila Trails Store: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 16 June 1987: 1

26 June 1987

South Africa: Hilton: Porter, R.N.: TM: 1 [1 - 1 - 1].

Total Specimens for 26 June 1987: 1

3 July 1987

Tanzania: Rondo Flat [forest]: Leirs, Herwig: UIA: 1 [1 - 1 - 1].

Total Specimens for 3 July 1987: 1

5 July 1987

Tanzania: Mnara: Verheyen, Walter N. and ABOS_Tanzania Belgian Rodent Project - Belgian Coop.: RMCA: 37 [37 - 37 - 37].

Total Specimens for 5 July 1987: 37

10 July 1987

South Africa: Ziqhumene: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 10 July 1987: 1

15 July 1987

Botswana: Okovango River Lodge: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 15 July 1987: 1

17 July 1987

Tanzania: Minziro forest: Howell, K.M.: SMF: 1 [1 - 1 - 1].

Total Specimens for 17 July 1987: 1

5 August 1987

Kenya: Ikuywa river bridge: Schlitter, Duane A. (dr.): CM: 2 [2 - 2 - 2].

Total Specimens for 5 August 1987: 2

9 August 1987

South Africa: Cape Vidal: ?: Collector Unknown: TM: 1 [1 - 1] - Hazelmere Dam: ?: Collector Unknown: TM: 1 [1 - 1 - 2].

Total Specimens for 9 August 1987: 2

10 August 1987

Kenya: Talek Gate: Schlitter, Duane A. (dr.): CM: 1 [1 - 1 - 1].**Total Specimens for 10 August 1987: 1**

13 August 1987

Kenya: Talek Gate: Schlitter, Duane A. (dr.): CM: 1 [1 - 1 - 1].**Total Specimens for 13 August 1987: 1**

18 August 1987

Kenya: Makandara picnic site: Schlitter, Duane A. (dr.): CM: 2 [2 - 2 - 2].**Total Specimens for 18 August 1987: 2**

23 August 1987

South Africa: St. Lucia: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 23 August 1987: 1**

30 August 1987

South Africa: Umgeni Hatchery: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 30 August 1987: 1**

31 August 1987

Kenya: Buffalo Springs natural reserve: Schlitter, Duane A. (dr.): CM: 4 [4 - 4 - 4].**Total Specimens for 31 August 1987: 4**

1 September 1987

Canary Islands [Spain]: La Guancha, "Barranco de La Cantera": Trujillo, Domingo: MNHN: 1 [1 - 1 - 1].**Total Specimens for 1 September 1987: 1**

2 September 1987

Kenya: Buffalo Springs natural reserve: Schlitter, Duane A. (dr.): CM: 4 [4 - 4 - 4].**Total Specimens for 2 September 1987: 4**

11 September 1987

Kenya: Sigor: Schlitter, Duane A. (dr.): CM: 1 [1 - 1 - 1].**Total Specimens for 11 September 1987: 1**

13 September 1987

Kenya: Sigor: Schlitter, Duane A. (dr.): CM: 2 [2 - 2 - 2].**Total Specimens for 13 September 1987: 2**

15 September 1987

South Africa: Farm Oograbies West 153: Rautenbach, Ignatius L. (Dr.) [=Naas]; Bronner, Gary Neil (Dr.) and Schlitter, Duane A (Dr.): TM: 1 [1 - 1 - 1].**Total Specimens for 15 September 1987: 1**

20 September 1987

Kenya: Taveta, 3 km E: Schlitter, Duane A. (dr.): CM: 3 [3 - 3 - 3].

Total Specimens for 20 September 1987: 3

22 September 1987

Kenya: Ngangao forest: Schlitter, Duane A. (dr.): CM: 4 [4 - 4 - 4].**Total Specimens for 22 September 1987: 4**

23 September 1987

Tanzania: Rungwa mountains: Leirs, Herwig: UIA: 2 [2 - 2 - 2].**Total Specimens for 23 September 1987: 2**

1 October 1987

South Africa: Farm Wagondrift 230: Rautenbach, Ignatius L. (Dr.) [=Naas]; Bronner, Gary Neil (Dr.) and Weber: TM: 3 [3 - 3 - 3].**Total Specimens for 1 October 1987: 3**

2 October 1987

South Africa: Farm Wagondrift 230: Rautenbach, Ignatius L. (Dr.) [=Naas]; Bronner, Gary Neil (Dr.) and Weber: TM: 7 [7 - 7 - 7].**Total Specimens for 2 October 1987: 7**

5 October 1987

South Africa: Farm "Clearwater": ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 5 October 1987: 1**

7 October 1987

South Africa: Newton Park: Kemp, A.: TM: 1 [1 - 1 - 1].**Total Specimens for 7 October 1987: 1**

21 October 1987

South Africa: Boshof: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].**Total Specimens for 21 October 1987: 1**

27 October 1987

South Africa: Bloemfontein: ?: Collector Unknown: NMB: 31 [31 - 31 - 31].**Total Specimens for 27 October 1987: 31**

29 October 1987

South Africa: Waterberg, Farm Klipfontein 54JS: ?: Collector Unknown: TM: 4 [4]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 10 [10 - 14 - 14].**Total Specimens for 29 October 1987: 14**

4 November 1987

South Africa: Nelspruit: van Rhyn, J.: TM: 1 [1 - 1 - 1].**Total Specimens for 4 November 1987: 1**

6 November 1987

South Africa: Farm Hartebeesthoek: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 6 November 1987: 1**

28 November 1987

Congo (Democratic Republic of the): Wafanya: Lootens, P. (Rev.): RMCA: 1 [1 - 1 - 1].

Total Specimens for 28 November 1987: 1

2 December 1987

South Africa: Waterberg, Farm Klipfontein 54JS: ?: Collector Unknown: TM: 1 [1]; van der Merwe, Mac. (Dr.): TM: 16 [16 - 17].**Total Specimens for 2 December 1987: 17**

5 December 1987

Congo (Democratic Republic of the): Wafanya: Lootens, P. (Rev.): RMCA: 1 [1 - 1 - 1].**Total Specimens for 5 December 1987: 1**

8 December 1987

South Africa: Riemvasmaak: Erasmus, B.H.: MMK: 2 [2 - 2 - 2].**Total Specimens for 8 December 1987: 2**

9 December 1987

South Africa: Riemvasmaak: Erasmus, B.H.: MMK: 7 [7 - 7 - 7].**Total Specimens for 9 December 1987: 7**

10 December 1987

South Africa: Ngome Forest Reserve: Nanni, R.: TM: 1 [1 - 1 - 1].**Total Specimens for 10 December 1987: 1**

11 December 1987

South Africa: Ngome Forest Reserve: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 11 December 1987: 1**

14 December 1987

South Africa: Xhubuxnap: Erasmus, B.H.: MMK: 4 [4 - 4 - 4].**Total Specimens for 14 December 1987: 4**

2 January 1988

South Africa: Manyeleti Game Reserve, Main Camp: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 2 January 1988: 1**

3 January 1988

Congo (Democratic Republic of the): Wafanya: Lootens, P. (Rev.): RMCA: 3 [3 - 3 - 3].**South Africa:** St. Lucia Village: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 3 January 1988: 4**

7 January 1988

South Africa: Waterberg, Farm Klipfontein 54JS: van der Merwe, Mac. (Dr.): TM: 24 [24 - 24 - 24].**Total Specimens for 7 January 1988: 24**

15 January 1988

South Africa: St. Lucia Village: ?: Collector Unknown: TM: 2 [2 - 2 - 2].**Total Specimens for 15 January 1988: 2**

19 January 1988

South Africa: Bobomene Research Camp: ?: Collector Unknown: TM: 1 [1 - 1] - Figtree camp: Rautenbach, Ignatius L. (Dr.)

[=Naas]: TM: 3 [3 - 3] - Mockford's garden: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Pafuri: Koopman, Karl F.: AMNH: 3 [3 - 3 - 8].

Total Specimens for 19 January 1988: 8

20 January 1988

South Africa: Punda Maria, 15 km E: Koopman, Karl F.: AMNH: 2 [2 - 2 - 2].

Total Specimens for 20 January 1988: 2

21 January 1988

South Africa: Kranskloof Nature Reserve: Erasmus, G.: TM: 1 [1 - 1] - Maditobe [= Witsand] Dam: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3] - Maditobe [=Witsand] Dam: ?: Collector Unknown: TM: 1 [1 - 1] - Maditobe Witsand Dam: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - Punda Maria camp, 2 km N: Koopman, Karl F.: AMNH: 2 [2 - 2 - 9].

Total Specimens for 21 January 1988: 9

22 January 1988

South Africa: Bobomene Research Camp: ?: Collector Unknown: TM: 1 [1 - 1] - Pafuri: Koopman, Karl F.: AMNH: 1 [1 - 1 - 2].

Total Specimens for 22 January 1988: 2

24 January 1988

South Africa: Letaba highwater bridge: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 6 [6 - 6] - Letaba restcamp, 1 km SE: Koopman, Karl F.: AMNH: 1 [1 - 1] - Old Picnic Site: ?: Collector Unknown: TM: 5 [5]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 10 - 17].

Total Specimens for 24 January 1988: 17

25 January 1988

South Africa: Letaba Camp, 1 km SE: ?: Collector Unknown: TM: 4 [4 - 4] - Letaba restcamp, 1 km SE: Koopman, Karl F.: AMNH: 4 [4]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 8 [8 - 12 - 16].

Total Specimens for 25 January 1988: 16

26 January 1988

South Africa: Letaba Rest Camp: ?: Collector Unknown: TM: 4 [4 - 4] - Olifants Camp, 7 km W: ?: Collector Unknown: TM: 5 [5 - 5] - Olifants, 7 km W: Koopman, Karl F.: AMNH: 1 [1 - 1 - 10].

Total Specimens for 26 January 1988: 10

27 January 1988

South Africa: Kranskloof Nature Reserve: ?: Collector Unknown: TM: 1 [1]; Erasmus, G.: TM: 1 [1 - 2] - Waterberg, Farm Klipfontein 54JS: ?: Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1]; van der Merwe, Mac. (Dr.): TM: 6 [6]; van der Merwe, Mac. (Dr.) and Jones, E.M.: TM: 1 [1 - 9 - 11].

Total Specimens for 27 January 1988: 11

28 January 1988

South Africa: Waterberg, Farm Klipfontein 54JS: van der Merwe, Mac. (Dr.) and Jones, E.M.: TM: 2 [2 - 2 - 2].

Total Specimens for 28 January 1988: 2

29 January 1988

South Africa: Letaba Rest Camp, 8 km SE: ?: Collector Unknown: TM: 3 [3 - 3 - 3].

Total Specimens for 29 January 1988: 3

30 January 1988

South Africa: old bridge over Nwanedzi River: ?: Collector Unknown: TM: 5 [5 - 5 - 5].

Total Specimens for 30 January 1988: 5

1 February 1988

South Africa: Nwanedzi Camp, dam 1 km NWN: ?: Collector Unknown: TM: 5 [5 - 5] - Nwanetzi, 1 km N: Koopman, Karl F.: AMNH: 2 [2 - 2] - Satara Rest Camp: ?: Collector Unknown: TM: 2 [2 - 2 - 9].

Total Specimens for 1 February 1988: 9

2 February 1988

South Africa: Nwanedzi Camp, dam 1 km NWN: ?: Collector Unknown: TM: 1 [1 - 1] - Satara Rest Camp: ?: Collector Unknown: TM: 10 [10 - 10 - 11].

Total Specimens for 2 February 1988: 11

3 February 1988

South Africa: Roodevaal Private Camp, 2 km SE: ?: Collector Unknown: TM: 3 [3 - 3] - Roodeval Camp, 2 km SE: Koopman, Karl F.: AMNH: 1 [1 - 1] - Roodewal private camp, 2 km SE: Bronner, Gary Neil (dr.): TM: 12 [12 - 12 - 16].

Total Specimens for 3 February 1988: 16

4 February 1988

South Africa: Lebombo Ironwood forest: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 6 [6 - 6] - Letaba-Olifants confluence, 2 km E: Koopman, Karl F.: AMNH: 1 [1 - 1 - 7].

Total Specimens for 4 February 1988: 7

5 February 1988

South Africa: Sabie River, north bank: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 5 February 1988: 2

6 February 1988

South Africa: Loskop Windmill, 17 km N: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 6 February 1988: 2

7 February 1988

South Africa: Renosterkoppies, 15 km S: ?: Collector Unknown: TM: 4 [4 - 4] - Rhenosterkoppies: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 6 [6 - 6 - 10].

Total Specimens for 7 February 1988: 10

10 February 1988

South Africa: Sabie River, north bank: ?: Collector Unknown: TM: 3 [3 - 3] - Tshokwane Picnic spot, 12 km E: ?: Collector Unknown: TM: 1 [1 - 1 - 4].

Total Specimens for 10 February 1988: 4

11 February 1988

South Africa: Kuruman: ?: Collector Unknown: MMK: 1 [1 - 1 - 1].

Total Specimens for 11 February 1988: 1

13 February 1988

South Africa: Lower Sabie Rest Camp, 15 km SE: ?: Collector Unknown: TM: 1 [1 - 1] - Skukuza, 1.5 km NW, Dense woodland upper reaches of Western Water Reservoir: ?: Collector Unknown: TM: 3 [3 - 3 - 4].

Total Specimens for 13 February 1988: 4

14 February 1988

South Africa: bridge at Kruger Gate: ?: Collector Unknown: TM: 13 [13 - 13] - Skukuza staff village: Bronner, Gary Neil (dr.): TM: 1 [1 - 1 - 14].

Total Specimens for 14 February 1988: 14

15 February 1988

South Africa: Figaro Mine: ?: Collector Unknown: TM: 4 [4]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 9 [9 - 13 - 13].

Total Specimens for 15 February 1988: 13

24 February 1988

South Africa: Queen Elizabeth Park: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 24 February 1988: 1

26 February 1988

South Africa: Lapalala Wilderness Area, confluence of Palala-Koedoesloop Rivers, Farm New Belgium 608 [= RR Ranch]: Jones, E.M.: TM: 2 [2]; Jones, E.M. and Pallett, J.: TM: 1 [1 - 3] - Waterberg, Lapalala Wilderness area: ?: Collector Unknown: TM: 1 [1 - 1 - 4].

Total Specimens for 26 February 1988: 4

29 February 1988

South Africa: Futululu Research Station: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 29 February 1988: 1

2 March 1988

South Africa: Waterberg, Farm Klipfontein 54JS: Herholdt, E. and Weber, S.: TM: 1 [1 - 1 - 1].

Total Specimens for 2 March 1988: 1

8 March 1988

South Africa: Old picnic site: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3 - 3].

Total Specimens for 8 March 1988: 3

9 March 1988

South Africa: Ngome Forest Reserve: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 9 March 1988: 1

10 March 1988

Namibia: in Villa...: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

South Africa: Dukuduku Forest: ?: Collector Unknown: TM: 3 [3 - 3] - Ngome Forest Reserve: Muller, H.: TM: 5 [5 - 5 - 8].

Total Specimens for 10 March 1988: 9

11 March 1988

South Africa: Ngome Forest Reserve: Bronner, Gary Neil (dr.): TM: 1 [1 - 1 - 1].

Total Specimens for 11 March 1988: 1

12 March 1988

South Africa: Ngome Forest Reserve: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 12 March 1988: 1

14 March 1988

South Africa: Ngome Forest Reserve: ?: Collector Unknown: TM: 1 [1]; GNB: TM: 1 [1]; Mothlasedi, S: TM: 1 [1 - 3 - 3].

Total Specimens for 14 March 1988: 3

15 March 1988

Namibia: Nama pan [=Nama dam]: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

South Africa: Wakkerstroom: Jones, E.M.: TM: 1 [1 - 1 - 1].

Total Specimens for 15 March 1988: 2

20 March 1988

South Africa: Ferncliff: ?: Collector Unknown: TM: 1 [1]; Wirminghaus, J.O.: TM: 1 [1 - 2 - 2].**Total Specimens for 20 March 1988: 2**

25 March 1988

South Africa: bridge at Kruger Gate: ?: Collector Unknown: TM: 12 [12 - 12 - 12].**Total Specimens for 25 March 1988: 12**

28 March 1988

South Africa: Waterberg, Farm Klipfontein 54JS: Bronner, Gary Neil (dr.) and Gerrans, R.: TM: 17 [17 - 17 - 17].**Total Specimens for 28 March 1988: 17**

4 April 1988

South Africa: Ficksburg: ?: Collector Unknown: NMB: 2 [2 - 2 - 2].**Total Specimens for 4 April 1988: 2**

25 April 1988

South Africa: Waterberg, Farm Klipfontein 54JS: Weber, S. and Gerrans, R.: TM: 23 [23 - 23 - 23].**Total Specimens for 25 April 1988: 23**

27 April 1988

South Africa: bridge at Kruger Gate: ?: Collector Unknown: TM: 15 [15 - 15 - 15].**Total Specimens for 27 April 1988: 15**

30 April 1988

South Africa: Voelklip, 7th Street: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 30 April 1988: 1**

15 May 1988

South Africa: Vhembi, junction of Shashe and Limpopo: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 15 May 1988: 1**

19 May 1988

Malawi: Lifupa Camp: Van Strien, N.J.: ZMA: 1 [1]; Van Strien, Nico, J.: ZMA: 1 [1 - 2 - 2].**Total Specimens for 19 May 1988: 2**

25 May 1988

South Africa: Waterberg, Farm Klipfontein 54JS: Gerrans, R. and Weber, S.: TM: 4 [4]; Weber, S. and Gerrans, R.: TM: 6 [6 - 10 - 10].**Total Specimens for 25 May 1988: 10**

27 May 1988

South Africa: bridge at Kruger Gate: ?: Collector Unknown: TM: 8 [8]; Braack, Leo: TM: 1 [1 - 9] - Irene cave: van der Merwe, Mac. (Dr.): TM: 5 [5 - 5 - 14].**Total Specimens for 27 May 1988: 14**

30 May 1988

South Africa: Manyeleti Game Reserve, Main Camp: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 30 May 1988: 1

1 June 1988

South Africa: bridge at Kruger Gate: ?: Collector Unknown: TM: 3 [3 - 3 - 3].**Total Specimens for 1 June 1988: 3**

10 June 1988

South Africa: Dukuduku Forest: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 10 June 1988: 1**

25 June 1988

South Africa: Skukuza Village: ?: Collector Unknown: TM: 13 [13 - 13 - 13].**Total Specimens for 25 June 1988: 13**

28 June 1988

South Africa: Waterberg, Farm Klipfontein 54JS: ?: Collector Unknown: TM: 1 [1]; Gerrans, R.: TM: 1 [1 - 2 - 2].**Total Specimens for 28 June 1988: 2**

5 July 1988

South Africa: John Nash Nature Reserve [=Jack Scott Private Nature Reserve], American cave: van der Merwe, Mac. (Dr.): TM: 3 [3 - 3 - 3].**Total Specimens for 5 July 1988: 3**

6 July 1988

South Africa: John Nash Nature Reserve [=Jack Scott Private Nature Reserve], American cave: van der Merwe, Mac. (Dr.): TM: 3 [3 - 3 - 3].**Total Specimens for 6 July 1988: 3**

8 July 1988

Zimbabwe: Angwa bridge, 7 km SW: SENG: MNHN: 1 [1 - 1 - 1].**Total Specimens for 8 July 1988: 1**

24 July 1988

South Africa: Skukuza Township: ?: Collector Unknown: TM: 1 [1 - 1] - Skukuza Village: ?: Collector Unknown: TM: 7 [7 - 7 - 7].**Total Specimens for 24 July 1988: 8**

25 July 1988

South Africa: Zastron: ?: Collector Unknown: NMB: 32 [32 - 32 - 32].**Total Specimens for 25 July 1988: 32**

31 July 1988

South Africa: Waterberg, Farm Klipfontein 54JS: Bronner, Gary Neil (dr.), Weber and Gerrans: TM: 22 [22 - 22 - 22].**Total Specimens for 31 July 1988: 22**

21 August 1988

South Africa: bridge at Kruger Gate: ?: Collector Unknown: TM: 7 [7 - 7 - 7].**Total Specimens for 21 August 1988: 7**

23 August 1988

South Africa: Waterberg, Farm Klipfontein 54JS: Bronner, Gary Neil (dr.): TM: 4 [4]; Bronner, Gary Neil (dr.) et al: TM: 14 [14]

- 18 - 18].

Total Specimens for 23 August 1988: 18

30 August 1988

South Africa: bridge at Kruger Gate: ?: Collector Unknown: TM: 6 [6 - 6 - 6].

Total Specimens for 30 August 1988: 6

5 September 1988

South Africa: Bethlehem: ?: Collector Unknown: NMB: 1 [1 - 1] - Ficksburg: ?: Collector Unknown: NMB: 3 [3 - 3] - Harrismith: ? : Collector Unknown: NMB: 1 [1 - 1 - 5].

Total Specimens for 5 September 1988: 5

6 September 1988

South Africa: Bethlehem: ?: Collector Unknown: NMB: 1 [1 - 1] - Harrismith: ? : Collector Unknown: NMB: 5 [5 - 5 - 6].

Total Specimens for 6 September 1988: 6

19 September 1988

South Africa: Waterberg, Farm Klipfontein 54JS: Gerrans, R. and Weber, S.: TM: 4 [4]; Weber, S. and Gerrans, R.: TM: 3 [3 - 7 - 7].

Total Specimens for 19 September 1988: 7

25 September 1988

South Africa: bridge at Kruger Gate: ?: Collector Unknown: TM: 8 [8 - 8 - 8].

Total Specimens for 25 September 1988: 8

2 October 1988

South Africa: Dukuduku Forest Station: ? : Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 2 October 1988: 2

3 October 1988

South Africa: Dukuduku Forest Station: ? : Collector Unknown: TM: 3 [3 - 3 - 3].

Total Specimens for 3 October 1988: 3

5 October 1988

South Africa: Dukuduku Forest Station: ? : Collector Unknown: TM: 4 [4 - 4 - 4].

Total Specimens for 5 October 1988: 4

6 October 1988

South Africa: Dukuduku Forest Station: ? : Collector Unknown: TM: 5 [5 - 5 - 5].

Total Specimens for 6 October 1988: 5

8 October 1988

South Africa: Dukuduku Forest Station: ? : Collector Unknown: TM: 2 [2 - 2 - 2].
Swaziland: Forbes Reef mine: ? : Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 8 October 1988: 3

16 October 1988

South Africa: Kosi Lake, Department of Health camp: ? : Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 16 October 1988: 2

20 October 1988

South Africa: Kosi Lake, Department of Health camp: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 20 October 1988: 1

21 October 1988

South Africa: Kosi Lake, Department of Health camp: ?: Collector Unknown: TM: 1 [1]; Bronner, Gary Neil (dr.) et al: TM: 1 [1 - 2 - 2].

Total Specimens for 21 October 1988: 2

24 October 1988

South Africa: bridge at Kruger Gate: ?: Collector Unknown: TM: 15 [15 - 15 - 15].

Total Specimens for 24 October 1988: 15

25 October 1988

South Africa: Ladybrand Commonage: ?: Collector Unknown: NMB: 9 [9 - 9 - 9].

Total Specimens for 25 October 1988: 9

2 November 1988

South Africa: Waterberg, Farm Klipfontein 54JS: van der Merwe, Mac. (Dr.): TM: 14 [14 - 14 - 14].

Total Specimens for 2 November 1988: 14

9 November 1988

South Africa: Blyderivierspoort Nature Reserve, Bourkes Luck: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 9 November 1988: 1

10 November 1988

South Africa: Kabusi Forest: ?: Collector Unknown: TM: 1 [1 - 1] - Manyeleti Game Reserve, Main Camp, Albatros: ?: Collector Unknown: TM: 1 [1 - 1] - Sandile's Cave: Wingate, Lloyd R.: TM: 4 [4 - 4 - 6].

Total Specimens for 10 November 1988: 6

11 November 1988

South Africa: Kabusi Forest: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 11 November 1988: 1

17 November 1988

South Africa: bridge at Kruger Gate: ?: Collector Unknown: TM: 14 [14 - 14 - 14].

Total Specimens for 17 November 1988: 14

18 November 1988

South Africa: Natures Valley Village: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 4 [4]; Schlitter, Duane A. (dr.): CM: 3 [3 - 7 - 7].

Total Specimens for 18 November 1988: 7

22 November 1988

South Africa: Jonkershoek Nature Conservation Research Station: Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 1 [1 - 1] - Jonkershoek research station: Schlitter, Duane A. (dr.): CM: 1 [1 - 1 - 2].

Total Specimens for 22 November 1988: 2

23 November 1988

South Africa: Jonkershoek Nature Conservation Research Station: Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 3 [3 - 3] - Jonkershoek research station: Schlitter, Duane A. (dr.): CM: 1 [1 - 1 - 4].

Total Specimens for 23 November 1988: 4

24 November 1988

South Africa: Jonkershoek research station: Schlitter, Duane A. (dr.): CM: 2 [2 - **2** - 2].**Total Specimens for 24 November 1988: 2**

25 November 1988

South Africa: Battelary: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - **1**] - De Hoop Nature Reserve, De Hoop Guano Cave: ?: Collector Unknown: TM: 3 [3]; Erasmus, B.H.: TM: 10 [10 - **13** - 14].**Total Specimens for 25 November 1988: 14**

1 December 1988

South Africa: Cederberg, Algeria State Forest: Schlitter, Duane A. (dr.): CM: 1 [1 - **1**] - Cederberg, Algeria State Forest, campsite: Rautenbach, Ignatius L. (Dr.) [=Naas]; Bronner, Gary Neil (Dr.) and Schlitter, Duane A (Dr.): TM: 4 [4 - **4** - 5].**Total Specimens for 1 December 1988: 5**

2 December 1988

South Africa: Cederberg, Algeria State Forest: Schlitter, Duane A. (dr.): CM: 2 [2 - **2**] - Cederberg, Algeria State Forest, campsite: Rautenbach, Ignatius L. (Dr.) [=Naas]; Bronner, Gary Neil (Dr.) and Schlitter, Duane A (Dr.): TM: 7 [7 - **7**] - Manyeleti Game Reserve, Main Camp: ?: Collector Unknown: TM: 1 [1 - **1** - 10].**Total Specimens for 2 December 1988: 10**

3 December 1988

South Africa: Cederberg, Algeria State Forest: Schlitter, Duane A. (dr.): CM: 2 [2 - **2** - 2].**Total Specimens for 3 December 1988: 2**

5 December 1988

Congo (Democratic Republic of the): Wafanya: Lootens, P. (Rev.): RMCA: 1 [1 - **1** - 1].**South Africa:** Cederberg, Algeria State Forest: Bronner, Gary Neil (dr.) and Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - **1**] - Cederberg, Algeria State Forest, campsite: Bronner, Gary Neil (dr.): TM: 1 [1]; Bronner, Gary Neil (dr.) and Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - **2**] - Farm Brakfontein, Koegelbeen Cave: ?: Collector Unknown: TM: 22 [22 - **22**] - Farm Koegelbeen / Farm Brakfontein, Koegelbeen cave: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 11 [11 - **11** - 36].**Total Specimens for 5 December 1988: 37**

10 December 1988

Congo (Democratic Republic of the): Wafanya: Lootens, P. (Rev.): RMCA: 1 [1 - **1** - 1].**Total Specimens for 10 December 1988: 1**

29 December 1988

South Africa: bridge at Kruger Gate: ?: Collector Unknown: TM: 12 [12 - **12** - 12].**Total Specimens for 29 December 1988: 12**

2 February 1989

Zimbabwe: Iron Mask Hills cave: ?: Collector Unknown: TM: 1 [1 - **1** - 1].**Total Specimens for 2 February 1989: 1**

8 February 1989

South Africa: Anthrax camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - **2**] - Bobomeni research camp [=Bobomene]: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 7 [7 - **7** - 9].**Total Specimens for 8 February 1989: 9**

9 February 1989

Zimbabwe: Nyanyana campsite: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 9 February 1989: 1

10 February 1989

Lesotho: Mokhotlong: ?: Collector Unknown: NMB: 27 [27 - 27] - Nkokomele, near: ?: Collector Unknown: NMB: 3 [3 - 3 - 30].

Zimbabwe: Mazoe Citrus Estate: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 10 February 1989: 32

11 February 1989

South Africa: Farm Klipfontein 407, Echo caves: ?: Collector Unknown: TM: 1 [1]; Boshoff, P.: TM: 7 [7 - 8 - 8].

Total Specimens for 11 February 1989: 8

16 February 1989

South Africa: Loskop Dam Nature Reserve: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 16 February 1989: 1

2 March 1989

South Africa: Waterberg, Farm Klipfontein 54JS: Herholdt, E. and Weber, S.: TM: 3 [3]; Weber, S. and Herholdt, E.: TM: 1 [1 - 4 - 4].

Total Specimens for 2 March 1989: 4

13 March 1989

South Africa: Gamkapoort Nature Reserve: Erasmus, R.: SAMC: 1 [1 - 1 - 1].

Total Specimens for 13 March 1989: 1

13 April 1989

South Africa: Irene cave: van der Merwe, Mac. (Dr.): TM: 1 [1 - 1 - 1].

Total Specimens for 13 April 1989: 1

17 April 1989

Lesotho: Pelaneng: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 17 April 1989: 1

16 June 1989

South Africa: Hans Merensky Nature Reserve: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 16 June 1989: 1

18 June 1989

South Africa: Hans Merensky Nature Reserve: TPA: TM: 4 [4 - 4 - 4].

Total Specimens for 18 June 1989: 4

3 July 1989

Mozambique: Villa Moatize, 17 km E: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 3 July 1989: 1

10 August 1989

South Africa: Langjan Provincial Nature Reserve: de Villiers, A.J. (Transvaal Provincial Administration): TM: 1 [1 - 1 - 1].

Total Specimens for 10 August 1989: 1

25 August 1989

South Africa: Koegelbeen Caves: ?: Collector Unknown: NMB: 75 [75 - 75 - 75].

Total Specimens for 25 August 1989: 75

28 August 1989

South Africa: John Nash Nature Reserve [=Jack Scott Private Nature Reserve], American cave: Viviers, L.: TM: 13 [13 - 13 - 13].

Total Specimens for 28 August 1989: 13

30 August 1989

South Africa: Langjan Provincial Nature Reserve: de Villiers, A.J. (Transvaal Provincial Administration): TM: 1 [1 - 1 - 1].

Total Specimens for 30 August 1989: 1

26 September 1989

South Africa: Zastron Commonage: ?: Collector Unknown: NMB: 3 [3 - 3] - Zastron Commons: ?: Collector Unknown: NMB: 1 [1 - 1 - 4].

Total Specimens for 26 September 1989: 4

28 September 1989

South Africa: Waterberg, Farm Klipfontein 54JS: ?: Collector Unknown: TM: 2 [2]; van der Merwe, Mac. (Dr.): TM: 47 [47 - 49 - 49].

Total Specimens for 28 September 1989: 49

1 October 1989

South Africa: Figaro Mine: ?: Collector Unknown: TM: 10 [10]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 11 [11 - 21 - 21].

Total Specimens for 1 October 1989: 21

17 October 1989

Lesotho: Maseru: ?: Collector Unknown: NMB: 4 [4 - 4 - 4].

Total Specimens for 17 October 1989: 4

18 October 1989

Lesotho: Maseru: ?: Collector Unknown: NMB: 6 [6 - 6 - 6].

Total Specimens for 18 October 1989: 6

19 October 1989

Lesotho: Maseru: ?: Collector Unknown: NMB: 5 [5 - 5] - Thaba Tseka: ?: Collector Unknown: NMB: 1 [1 - 1 - 6].

Total Specimens for 19 October 1989: 6

20 October 1989

Lesotho: Thaba Tseka: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 20 October 1989: 1

21 October 1989

South Africa: WCNP, Bottelary: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 21 October 1989: 1

22 October 1989

South Africa: WCNP, Bottelary: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 22 October 1989: 1

24 October 1989

Mozambique: Bazaruto Lodge, grounds: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 24 October 1989: 2

25 October 1989

South Africa: Ladybrand Commonage: ?: Collector Unknown: NMB: 4 [4 - 4 - 4].

Total Specimens for 25 October 1989: 4

1 November 1989

South Africa: Farm Olivewood 284: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 8 [8]; Schlitter, Duane A. (dr.): CM: 4 [4 - 12 - 12].

Total Specimens for 1 November 1989: 12

2 November 1989

South Africa: Farm Olivewood 284: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 8 [8]; Schlitter, Duane A. (dr.): CM: 5 [5 - 13 - 13].

Total Specimens for 2 November 1989: 13

7 November 1989

South Africa: Brooklyn: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 7 November 1989: 1

19 November 1989

South Africa: Farm Greefswald 37MS, Shashi-Limpopo confluence: Schlitter, Duane A. (dr.): CM: 7 [7 - 7 - 7].

Total Specimens for 19 November 1989: 7

20 November 1989

South Africa: Farm Greefswald 37MS, Shashi-Limpopo confluence: Schlitter, Duane A. (dr.): CM: 6 [6 - 6 - 6].

Total Specimens for 20 November 1989: 6

21 November 1989

South Africa: Farm Greefswald 37 [=Mapungubwe], Shashi-Limpopo confluence: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 7 [7 - 7 - 7].

Total Specimens for 21 November 1989: 7

22 November 1989

South Africa: Farm Greefswald 37MS, Shashi-Limpopo confluence: Schlitter, Duane A. (dr.): CM: 9 [9 - 9 - 9].

Total Specimens for 22 November 1989: 9

26 November 1989

South Africa: Nylsvlei Provincial Nature Reserve: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 26 November 1989: 1

4 December 1989

South Africa: Sinoville: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 4 December 1989: 1

11 December 1989

South Africa: Jagersfontein: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 11 December 1989: 1

30 December 1989

South Africa: Postberg Nature Reserve: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

Total Specimens for 30 December 1989: 1

9 January 1990

South Africa: Zastron: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 9 January 1990: 1

17 January 1990

South Africa: Belfast Town: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 17 January 1990: 1

20 January 1990

South Africa: Farm Faust 743: ?: Collector Unknown: TM: 10 [10 - 10 - 10].

Zimbabwe: Sentinal Ranch: ?: Collector Unknown: TM: 1 [1]; Nesor, N.: TM: 1 [1]; Nesor, Walter: TM: 4 [4 - 6] - Sentinel Ranch: Nesor, Walter: TM: 1 [1 - 1 - 1].

Total Specimens for 20 January 1990: 17

23 January 1990

South Africa: Jagersfontein Commonage: ?: Collector Unknown: NMB: 4 [4 - 4 - 4].

Total Specimens for 23 January 1990: 4

29 January 1990

South Africa: Sterkfontein dam: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 29 January 1990: 1

6 February 1990

South Africa: Clocolan [Excelsior]: ?: Collector Unknown: NMB: 12 [12 - 12 - 12].

Total Specimens for 6 February 1990: 12

10 February 1990

Zimbabwe: Sentinal Ranch: ?: Collector Unknown: TM: 1 [1]; Nesor, Walter: TM: 1 [1 - 2 - 2].

Total Specimens for 10 February 1990: 2

12 February 1990

South Africa: Harrismith [Warden]: ?: Collector Unknown: NMB: 28 [28 - 28] - Jagersfontein Commonage: ?: Collector Unknown: NMB: 11 [11 - 11] - Warden: ?: Collector Unknown: NMB: 5 [5 - 5 - 44].

Total Specimens for 12 February 1990: 44

15 February 1990

South Africa: Jagersfontein Commonage: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 15 February 1990: 1

16 February 1990

South Africa: Jagersfontein Commonage: ?: Collector Unknown: NMB: 44 [44 - 44 - 44].

Total Specimens for 16 February 1990: 44

27 February 1990

South Africa: Soutpansberg [= Zoutpansberg], Entabeni State Forest: Herholdt, E.M.: TM: 9 [9 - 9 - 9].

Total Specimens for 27 February 1990: 9

28 February 1990

South Africa: Entabeni State Forest: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 28 February 1990: 1

2 March 1990

South Africa: Soutpansberg, Buzzard Mountain Sanctuary: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 2 March 1990: 2

3 March 1990

South Africa: Bobomeni research camp [=Bobomene]: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

Total Specimens for 3 March 1990: 1

5 March 1990

Egypt: Port Said, 10 mi S: Geene, R.: ZMA: 2 [2 - 2 - 2].

Total Specimens for 5 March 1990: 2

7 March 1990

South Africa: Picnic site: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 6 [6 - 6 - 6].

Total Specimens for 7 March 1990: 6

3 May 1990

South Africa: Grootvadersbosch Forest Reserve: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 3 May 1990: 1

6 May 1990

South Africa: Sudwala Cave: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 6 May 1990: 1

7 May 1990

Malawi: Chitipa Township: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 7 May 1990: 1

10 May 1990

Egypt: Manzala East: Geene, R.: ZMA: 1 [1 - 1 - 1].

Total Specimens for 10 May 1990: 1

17 May 1990

Malawi: Liwonde National Park, Headquarters: ?: Collector Unknown: TM: 3 [3 - 3 - 3].

Total Specimens for 17 May 1990: 3

18 May 1990

Malawi: Liwonde National Park, Headquarters: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 18 May 1990: 2

20 May 1990

Malawi: Likabula mission: ?: Collector Unknown: TM: 2 [2]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 1 [1 - 4 - 4].

Total Specimens for 20 May 1990: 4

21 May 1990

Malawi: Likabula mission: ?: Collector Unknown: TM: 2 [2]; Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 4 [4 - 6 - 6].

Total Specimens for 21 May 1990: 6

22 May 1990

Malawi: Likabula mission: ?: Collector Unknown: TM: 3 [3]; Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 2 [2 - 5 - 5].

Total Specimens for 22 May 1990: 5

23 May 1990

Malawi: Likabula mission: ?: Collector Unknown: TM: 2 [2]; Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 2 [2 - 4 - 4].

Total Specimens for 23 May 1990: 4

1 July 1990

Zimbabwe: Mana Pools National Park: ?: Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 2 - 2].

Total Specimens for 1 July 1990: 2

11 August 1990

Ethiopia: Kulfo river: Timmins, R.J.: HZM: 1 [1 - 1 - 1].

Total Specimens for 11 August 1990: 1

1 October 1990

South Africa: Boshof: ?: Collector Unknown: NMB: 19 [19 - 19 - 19].

Total Specimens for 1 October 1990: 19

8 October 1990

South Africa: Bloemfontein: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 8 October 1990: 1

11 October 1990

Zambia: Kavunda: Cotterill, F.D.P.: HZM: 1, NHMZ: 2 [3 - 3 - 3].

Total Specimens for 11 October 1990: 3

22 October 1990

South Africa: Bobomene Research Camp: ?: Collector Unknown: TM: 1 [1 - 1] - Bobomeni research camp [=Bobomene]: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4 - 4 - 5].

Total Specimens for 22 October 1990: 5

23 October 1990

South Africa: Fig Tree Camp: ?: Collector Unknown: TM: 1 [1 - 1] - Old Fig Tree Forest: ?: Collector Unknown: TM: 2 [2 - 2 - 3].

Total Specimens for 23 October 1990: 3

24 October 1990

South Africa: Anthrax camp: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3] - Manxeba [=Maxeba] windmill: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - Mphahlele River: Copley, R.B.: TM: 1 [1 - 1 - 5].

Total Specimens for 24 October 1990: 5

28 October 1990

South Africa: Harrismith: ?: Collector Unknown: NMB: 10 [10 - 10 - 10].

Total Specimens for 28 October 1990: 10

15 November 1990

Tanzania: Songwe Valley, Tegemo farm: Sikombe, S.W.: SMF: 1 [1 - 1 - 1].**Total Specimens for 15 November 1990: 1**

27 November 1990

South Africa: Bethlehem: ?: Collector Unknown: NMB: 7 [7 - 7] - Golden Gate: ?: Collector Unknown: NMB: 1 [1 - 1 - 8].**Total Specimens for 27 November 1990: 8**

28 November 1990

South Africa: Golden Gate: ?: Collector Unknown: NMB: 3 [3 - 3] - Harrismith: ?: Collector Unknown: NMB: 15 [15 - 15 - 18].**Total Specimens for 28 November 1990: 18**

18 January 1991

Tanzania: Kazimzumbwi forest reserve: Cockle, A.: SMF: 1 [1 - 1 - 1].**Total Specimens for 18 January 1991: 1**

19 January 1991

South Africa: Skukuza: ?: Collector Unknown: TM: 6 [6 - 6] - Skukuza lab buildings: ?: Collector Unknown: TM: 1 [1 - 1 - 7].**Total Specimens for 19 January 1991: 7**

20 January 1991

Tanzania: Kazimzumbwi forest reserve: Cockle, A.: SMF: 1 [1 - 1 - 1].**Total Specimens for 20 January 1991: 1**

1 February 1991

South Africa: Farm Schulpfontien No.472, 16km NW: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 1 February 1991: 1**

2 February 1991

South Africa: Farm Schulpfontien No.472, 16km NW: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 2 February 1991: 1**

6 February 1991

South Africa: Goegap Nature Reserve: ?: Collector Unknown: TM: 1 [1]; Bronner, Gary Neil (dr.) and Herholdt: TM: 1 [1 - 2 - 2].**Total Specimens for 6 February 1991: 2**

11 March 1991

Tanzania: Kazimzumbwi forest reserve: Cockle, A.: SMF: 1 [1 - 1 - 1].**Total Specimens for 11 March 1991: 1**

16 April 1991

South Africa: Skukuza staff village: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2 - 2].**Total Specimens for 16 April 1991: 2**

19 April 1991

Uganda: Mubuk river, right bank: Kerbis, J.C.: FMNH: 1 [1 - 1 - 1].**Total Specimens for 19 April 1991: 1**

20 April 1991

Burundi: Nyamugari hill: Davenport, L.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 20 April 1991: 1

1 May 1991

South Africa: Zwartkop Military Nature Reserve: Bronner, Gary Neil (dr.): TM: 2 [2 - 2 - 2].

Total Specimens for 1 May 1991: 2

3 May 1991

South Africa: De Hoek Forest Station: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 3 May 1991: 1

16 May 1991

South Africa: Transvaal Museum workshop: Harding, M.: TM: 1 [1 - 1 - 1].

Total Specimens for 16 May 1991: 1

10 June 1991

Cameroon: Bake river bridge: Schlitter, Duane A. (dr.): CM: 2 [2 - 2 - 2].

Total Specimens for 10 June 1991: 2

18 June 1991

South Africa: Mantuma Camp: Goodman, P.S.: DNSM: 1 [1 - 1 - 1].

Total Specimens for 18 June 1991: 1

27 June 1991

South Africa: Zastron: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 27 June 1991: 1

3 July 1991

Tanzania: Korogwe, 12.5 km NW: Goodman, Steven M.: FMNH: 2 [2 - 2 - 2].

Total Specimens for 3 July 1991: 2

4 July 1991

Tanzania: Korogwe, 12.5 km NW: Goodman, Steven M.: FMNH: 2 [2 - 2 - 2].

Total Specimens for 4 July 1991: 2

5 July 1991

Tanzania: Korogwe, 12.5 km NW: Goodman, Steven M.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 5 July 1991: 1

9 August 1991

Tanzania: Zaraninge-Kiano forest reserve: Cockle, A.: SMF: 1 [1 - 1 - 1].

Total Specimens for 9 August 1991: 1

12 August 1991

Tanzania: Zaraninge-Kiano forest reserve: Cockle, A.: SMF: 1 [1 - 1 - 1].

Total Specimens for 12 August 1991: 1

14 August 1991

Tanzania: Genda Genda South Forest Reserve: Hart, A.: SMF: 1 [1 - 1 - 1].

Total Specimens for 14 August 1991: 1

21 August 1991

South Africa: Pongolapoort Dam: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 21 August 1991: 1

16 October 1991

Lesotho: Thaba-Tseka: ?: Collector Unknown: NMB: 3 [3 - 3 - 3].

Total Specimens for 16 October 1991: 3

18 October 1991

Tanzania: Genda Genda South forest reserve: Cockle, A.: SMF: 1 [1 - 1 - 1].

Total Specimens for 18 October 1991: 1

21 October 1991

Sudan: Khartoum: DeWinton, W.E.: SMF: 1 [1 - 1 - 1].

Total Specimens for 21 October 1991: 1

11 November 1991

Lesotho: Quthing: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 11 November 1991: 1

12 November 1991

Lesotho: Quthing: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 12 November 1991: 1

13 November 1991

Lesotho: Quthing: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 13 November 1991: 1

28 November 1991

Tanzania: Genda Genda South forest reserve: Cockle, A.: SMF: 1 [1 - 1 - 1].

Total Specimens for 28 November 1991: 1

1 December 1991

Central African Republic: Yabanda-Mpoko: Dubowsky, J.: MNHN: 1 [1 - 1 - 1].

Total Specimens for 1 December 1991: 1

12 December 1991

Lesotho: Semonkong: ?: Collector Unknown: NMB: 20 [20 - 20 - 20].

Total Specimens for 12 December 1991: 20

13 January 1992

Ghana: Shai Hills Resource Reserve: Decher, Jan: CM: 7 [7 - 7 - 7].

Total Specimens for 13 January 1992: 7

18 January 1992

Ghana: Shai Hills Resource Reserve: Decher, Jan: CM: 2 [2 - 2 - 2].

Total Specimens for 18 January 1992: 2

23 January 1992

Ghana: Shai Hills Resource Reserve: Decher, Jan: CM: 1 [1 - 1 - 1].**Tanzania:** Muheza Forest, Tongwe Forest Reserve: Cockle, A.: SMF: 1 [1 - 1 - 1].**Total Specimens for 23 January 1992: 2**

26 January 1992

South Africa: Luckhoff: ?: Collector Unknown: NMB: 2 [2 - 2 - 2].**Total Specimens for 26 January 1992: 2**

29 January 1992

Lesotho: Quacha's Neck [= White Hill]: ?: Collector Unknown: NMB: 3 [3 - 3 - 3].**Total Specimens for 29 January 1992: 3**

9 February 1992

Egypt: Abu Rawash: Hunter in house: CM: 2 [2 - 2 - 2].**Total Specimens for 9 February 1992: 2**

20 February 1992

Lesotho: Oxbow: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].**Total Specimens for 20 February 1992: 1**

21 February 1992

Cote D'Ivoire: Sibabli, 6 km W: Lim, Burton K.: ROM: 2 [2 - 2 - 2].**Total Specimens for 21 February 1992: 2**

25 February 1992

Tanzania: Kilulu Hill: Cockle, A.: SMF: 1 [1 - 1 - 1].**Total Specimens for 25 February 1992: 1**

27 February 1992

Tanzania: Mkulumuzi River Gorge, Amboni Cave Forest: Stubblefield, L.: SMF: 1 [1 - 1 - 1].**Total Specimens for 27 February 1992: 1**

2 March 1992

South Africa: Mkuzi Game Reserve: Goodman, P.S.: DNSM: 1 [1 - 1 - 1].**Total Specimens for 2 March 1992: 1**

5 March 1992

Lesotho: Sehonghong: ?: Collector Unknown: NMB: 2 [2 - 2 - 2].**Total Specimens for 5 March 1992: 2**

10 March 1992

Lesotho: Sehonghong: ?: Collector Unknown: NMB: 2 [2 - 2 - 2].**Total Specimens for 10 March 1992: 2**

13 March 1992

South Africa: Staff Picnic site: ?: Collector Unknown: TM: 3 [3 - 3 - 3].

Total Specimens for 13 March 1992: 3

17 March 1992

South Africa: Skukuza: ?: Collector Unknown: TM: 3 [3 - 3 - 3].**Total Specimens for 17 March 1992: 3**

4 April 1992

South Africa: Trompsburg town: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].**Total Specimens for 4 April 1992: 1**

21 April 1992

South Africa: Botha's Hill, Rob Roy Hotel: Bronner, Gary Neil (dr.): TM: 4 [4 - 4 - 4].**Total Specimens for 21 April 1992: 4**

6 May 1992

South Africa: Jacobsdal: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].**Total Specimens for 6 May 1992: 1**

20 July 1992

South Africa: Nylsvlei Provincial Nature Reserve: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 20 July 1992: 1**

28 July 1992

South Africa: Lister Point: ?: Collector Unknown: DNSM: 1 [1 - 1 - 1].**Total Specimens for 28 July 1992: 1**

4 August 1992

Tanzania: Amani, 4.5 km WNW: Goodman, Steven M.: FMNH: 1 [1 - 1 - 1].**Total Specimens for 4 August 1992: 1**

10 August 1992

Tanzania: Amani, 8 km NWN: Goodman, Steven M.: FMNH: 2 [2 - 2 - 2].**Total Specimens for 10 August 1992: 2**

12 August 1992

Guinea: Guinée Forestière, border of "Réserve de la Biosphère du Massif du Ziama": Vierhaus, H.: ZFMK: 1 [1 - 1 - 1].**South Africa:** Orange River Station: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].**Total Specimens for 12 August 1992: 2**

1 September 1992

Tanzania: Korogwe, 12.5 km NW: Goodman, Steven M.: FMNH: 2 [2 - 2 - 2].**Total Specimens for 1 September 1992: 2**

2 September 1992

Tanzania: Korogwe, 12.5 km NW: Goodman, Steven M.: FMNH: 1 [1 - 1 - 1].**Total Specimens for 2 September 1992: 1**

5 September 1992

Tanzania: Nyamuhoro valley: Clarke, Ph. et al.: SMF: 1 [1 - 1 - 1].**Total Specimens for 5 September 1992: 1**

17 September 1992

South Africa: Hanover: ?: Collector Unknown: NMB: 3 [3 - 3 - 3].

Total Specimens for 17 September 1992: 3

20 October 1992

Lesotho: Botsoela [= Malealea]: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 20 October 1992: 1

21 October 1992

Lesotho: Botsoela [= Malealea]: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

South Africa: Baviaanspoort Sewage Works: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 21 October 1992: 3

22 October 1992

Tanzania: Tong'amba forest reserve: Howell, K.M.: SMF: 1 [1 - 1 - 1].

Total Specimens for 22 October 1992: 1

22 November 1992

Zimbabwe: Lunare valley: Cotterill, F.D.P.: NHMZ: 1 [1 - 1 - 1].

Total Specimens for 22 November 1992: 1

10 December 1992

Tanzania: Kisiju island: Stubbefield, L. and Howell, K.M.: SMF: 2 [2 - 2 - 2].

Total Specimens for 10 December 1992: 2

27 December 1992

South Africa: Three Rivers, 11 Spey Drive: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 27 December 1992: 1

20 January 1993

South Africa: Old picnic site: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

Total Specimens for 20 January 1993: 1

19 February 1993

South Africa: Hathaway: ?: Collector Unknown: DNSM: 1 [1 - 1 - 1].

Total Specimens for 19 February 1993: 1

20 February 1993

South Africa: Mantuma Camp: Rushworth, I.: DNSM: 1 [1 - 1 - 1].

Total Specimens for 20 February 1993: 1

23 February 1993

South Africa: Doorndraai Dam Nature Reserve: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 23 February 1993: 1

24 February 1993

South Africa: Doorndraai Dam Nature Reserve: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 24 February 1993: 1

12 March 1993

South Africa: Waterberg, Farm Klipfontein 54JS: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 12 March 1993: 1

14 March 1993

South Africa: Messina Nature Reserve: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 14 March 1993: 1

15 March 1993

South Africa: Messina Nature Reserve: ?: Collector Unknown: TM: 1 [1]; West, Sean D. (TPA): TM: 1 [1 - 2 - 2].

Total Specimens for 15 March 1993: 2

19 March 1993

South Africa: Percy Fyfe Nature Reserve: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 19 March 1993: 1

1 April 1993

South Africa: Farm Rhenosterfontein: West, S.D.: TM: 1 [1 - 1 - 1].

Total Specimens for 1 April 1993: 1

18 April 1993

Madagascar: Zombitsy forest: Goodman, Steven M.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 18 April 1993: 1

11 May 1993

South Africa: Mantuma Camp: Rushworth, I.: DNSM: 1 [1 - 1 - 1].

Total Specimens for 11 May 1993: 1

12 June 1993

Congo: Epena: Schlitter, Duane A. (dr.): CM: 8 [8 - 8 - 8].

Total Specimens for 12 June 1993: 8

13 June 1993

Congo: Epena: Schlitter, Duane A. (dr.): CM: 11 [11 - 11] - Voka: Schlitter, Duane A. (dr.): CM: 1 [1 - 1 - 12].

Total Specimens for 13 June 1993: 12

28 June 1993

South Africa: Soekmekaar, Groenbult: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 28 June 1993: 1

23 July 1993

South Africa: Hluhluwe Game Reserve, Research camp: Bronner, Gary Neil (dr.): TM: 2 [2 - 2 - 2].

Total Specimens for 23 July 1993: 2

30 July 1993

Tanzania: Litipo Forest Reserve: Frontier: SMF: 1 [1 - 1 - 1].

Total Specimens for 30 July 1993: 1

3 August 1993

South Africa: Municipal Bird Sanctuary: Bronner, Gary Neil (dr.): TM: 1 [1]; Bronner, Gary Neil (dr.) et al: TM: 13 [13 - 14 - 14].

Total Specimens for 3 August 1993: 14

4 August 1993

South Africa: Municipal Bird Sanctuary: Bronner, Gary Neil (dr.) et al: TM: 1 [1 - 1 - 1].

Total Specimens for 4 August 1993: 1

6 August 1993

South Africa: Municipal Bird Sanctuary: Bronner, Gary Neil (dr.): TM: 5 [5 - 5 - 5].

Total Specimens for 6 August 1993: 5

12 August 1993

Tanzania: Litipo Forest Reserve: Frontier: SMF: 1 [1 - 1 - 1].

Total Specimens for 12 August 1993: 1

10 September 1993

Malawi: Kapalasa Farm: Happold, David C.D. and Happold, Meridith: DCDH: 2 [2 - 2 - 2].

Total Specimens for 10 September 1993: 2

16 September 1993

Malawi: Mpalanganga Dam: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - Thondwe: Happold, David C.D. and Happold, Meridith: DCDH: 2 [2 - 2 - 3].

Total Specimens for 16 September 1993: 3

19 September 1993

Malawi: Kapalasa Farm: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].

Total Specimens for 19 September 1993: 1

21 September 1993

Malawi: Zomba Plateau: Happold, David C.D. and Happold, Meridith: DCDH: 2 [2 - 2 - 2].

Total Specimens for 21 September 1993: 2

25 September 1993

Malawi: Zomba town: Happold, David C.D. and Happold, Meridith: DCDH: 7 [7 - 7 - 7].

Total Specimens for 25 September 1993: 7

26 September 1993

Malawi: Kapalasa Farm: Happold, David C.D. and Happold, Meridith: DCDH: 2 [2 - 2 - 2].

Total Specimens for 26 September 1993: 2

14 October 1993

Malawi: Kapalasa Farm: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].

Total Specimens for 14 October 1993: 1

23 October 1993

Malawi: Kapalasa Farm: Happold, David C.D. and Happold, Meridith: DCDH: 2 [2 - 2 - 2].

Total Specimens for 23 October 1993: 2

27 October 1993

Malawi: Kapalasa Farm: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].

Total Specimens for 27 October 1993: 1

2 November 1993

Malawi: Ntchisi Forest Reserve: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].**Total Specimens for 2 November 1993: 1**

3 November 1993

Malawi: Ntchisi Forest Reserve: Happold, David C.D. and Happold, Meridith: DCDH: 8 [8 - 8 - 8].**Total Specimens for 3 November 1993: 8**

4 November 1993

Malawi: Ntchisi Forest Reserve: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].**Total Specimens for 4 November 1993: 1**

8 November 1993

Malawi: Chipata Camp: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].**Total Specimens for 8 November 1993: 1**

9 November 1993

Malawi: Nkhotakota: Happold, David C.D. and Happold, Meridith: DCDH: 3 [3 - 3 - 3].**Total Specimens for 9 November 1993: 3**

10 November 1993

Malawi: Nkhotakota: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].**Total Specimens for 10 November 1993: 1**

5 December 1993

Malawi: Kapalasa Farm: Happold, David C.D. and Happold, Meridith: DCDH: 2 [2 - 2 - 2].**Total Specimens for 5 December 1993: 2**

8 December 1993

Malawi: Liwonde National Park: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].**Total Specimens for 8 December 1993: 1**

12 December 1993

Malawi: Kapalasa Farm: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].**Total Specimens for 12 December 1993: 1**

21 December 1993

Malawi: Kapalasa Farm: Happold, David C.D. and Happold, Meridith: DCDH: 2 [2 - 2 - 2].**Total Specimens for 21 December 1993: 2**

30 December 1993

Malawi: Kapalasa Farm: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].**Total Specimens for 30 December 1993: 1**

19 January 1994

Malawi: Zomba Plateau: Happold, David C.D. and Happold, Meridith: DCDH: 4 [4 - 4 - 4].**Total Specimens for 19 January 1994: 4**

22 January 1994

Malawi: Chagwa dam: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - Zomba Plateau: Happold, David C.D. and Happold, Meridith: DCDH: 7 [7 - 7 - 8].

South Africa: Shongweni Resources Reserve: Taylor, Peter John (Dr.): DNSM: 3 [3 - 3 - 3].

Total Specimens for 22 January 1994: 11

3 February 1994

Malawi: Chimpeni Estate: Happold, David C.D. and Happold, Meridith: DCDH: 2 [2 - 2 - 2].

Total Specimens for 3 February 1994: 2

7 February 1994

Malawi: Kapalasa Farm: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - Kapino dam: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 2].

Total Specimens for 7 February 1994: 2

10 February 1994

Malawi: Kapalasa Farm: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].

Total Specimens for 10 February 1994: 1

12 February 1994

Mali: Samaye: Tranier, Michel et al.: MNHN: 1 [1 - 1 - 1].

Total Specimens for 12 February 1994: 1

15 February 1994

Malawi: Liwonde National Park: Happold, David C.D. and Happold, Meridith: DCDH: 2 [2 - 2 - 2].

Total Specimens for 15 February 1994: 2

28 February 1994

Swaziland: Mlawula Nature Reserve: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 28 February 1994: 2

20 March 1994

Swaziland: Big Bend: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 20 March 1994: 1

22 March 1994

Malawi: Thyolo, mount: Happold, David C.D. and Happold, Meridith: DCDH: 6 [6 - 6 - 6].

Total Specimens for 22 March 1994: 6

31 March 1994

Malawi: Thyolo, mount: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].

Total Specimens for 31 March 1994: 1

2 April 1994

Swaziland: Mlawula Nature Reserve: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 2 April 1994: 2

8 April 1994

Malawi: Chiromo: Happold, David C.D. and Happold, Meridith: DCDH: 2 [2 - 2 - 2].

Swaziland: Malolotja Nature Reserve: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 8 April 1994: 3

17 April 1994

Malawi: Dzalanyama Forest Reserve: Happold, David C.D. and Happold, Meridith: DCDH: 3 [3 - 3 - 3].**Total Specimens for 17 April 1994: 3**

4 May 1994

Malawi: Liwonde National Park: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].**Total Specimens for 4 May 1994: 1**

6 May 1994

Malawi: Liwonde National Park: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].**Total Specimens for 6 May 1994: 1**

11 May 1994

Malawi: Zomba Plateau: Happold, David C.D. and Happold, Meridith: DCDH: 5 [5 - 5 - 5].**Total Specimens for 11 May 1994: 5**

14 July 1994

South Africa: Fauresmith: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].**Total Specimens for 14 July 1994: 1**

22 July 1994

Swaziland: Luyengo: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 22 July 1994: 1**

3 August 1994

Tanzania: Chita, 3 km N: Stanley, William (Bill) T.: FMNH: 3 [3 - 3 - 3].**Total Specimens for 3 August 1994: 3**

12 August 1994

South Africa: Sunnyside, DeKock Street: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 12 August 1994: 1**

16 September 1994

Mozambique: Moebase: Whiting, M.J.; Branch, W.R. and Branch, T.C.: TM: 1 [1 - 1 - 1].**South Africa:** Suikerbosrand [=Suikerboschrand] Nature Reserve: West, Sean D.: TM: 1 [1 - 1 - 1].**Total Specimens for 16 September 1994: 2**

19 October 1994

South Africa: Qwa-Qwa National Park: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].**Total Specimens for 19 October 1994: 1**

10 November 1994

South Africa: Farm Nooitgedacht 508: Bronner, Gary Neil (dr.): TM: 1 [1 - 1 - 1].**Total Specimens for 10 November 1994: 1**

21 November 1994

Zimbabwe: Rukameshi River on SN Game Fence: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 21 November 1994: 1

27 January 1995

South Africa: Farm Kaalfontein 261, Ubumanzi Game Farm: Bronner, Gary Neil (dr.): TM: 1 [1 - 1 - 1].**Total Specimens for 27 January 1995: 1**

16 February 1995

Tanzania: Kwangumi Forest Reserve: Bayliss, J.: SMF: 1 [1 - 1 - 1].**Total Specimens for 16 February 1995: 1**

19 March 1995

Tanzania: Tanangire National Park: Mturi, F.A.: AMNH: 1 [1 - 1 - 1].**Total Specimens for 19 March 1995: 1**

10 April 1995

South Africa: Tembe Elephant Park: ?: Collector Unknown: TM: 2 [2 - 2 - 2].**Total Specimens for 10 April 1995: 2**

11 April 1995

South Africa: Farm Sarum 245LS, Buzzard Mountain Retreat: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 11 April 1995: 1**

9 May 1995

Swaziland: Kwaluseni: ?: Collector Unknown: TM: 2 [2 - 2 - 2].**Total Specimens for 9 May 1995: 2**

7 June 1995

Swaziland: St. Joseph's: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 7 June 1995: 1**

13 June 1995

Swaziland: Sikhunyana: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 13 June 1995: 1**

20 June 1995

Congo (Democratic Republic of the): Mbwambala: Leirs, Herwig et al.: RMCA: 2 [2 - 2 - 2].**Total Specimens for 20 June 1995: 2**

21 June 1995

Congo (Democratic Republic of the): Mbwambala: Leirs, Herwig et al.: RMCA: 1 [1 - 1 - 1].**Total Specimens for 21 June 1995: 1**

29 June 1995

Congo (Democratic Republic of the): Mbwambala: Leirs, Herwig et al.: MSB: 1 [1 - 1 - 1].**Total Specimens for 29 June 1995: 1**

4 July 1995

Swaziland: Hlane: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 4 July 1995: 1**

6 July 1995

Congo (Democratic Republic of the): Kikwit: Leirs, Herwig et al.: MSB: 1, RMCA: 1 [2 - 2 - 2].

Total Specimens for 6 July 1995: 2

21 July 1995

Congo (Democratic Republic of the): Mbalaka: Leirs, Herwig et al.: MSB: 1, RMCA: 1 [2 - 2 - 2].

Total Specimens for 21 July 1995: 2

23 July 1995

Congo (Democratic Republic of the): Mbalaka: Leirs, Herwig et al.: MSB: 1, RMCA: 1 [2 - 2 - 2].

Total Specimens for 23 July 1995: 2

24 July 1995

Congo (Democratic Republic of the): Kinzambi mission: Leirs, Herwig et al.: MSB: 1 [1 - 1] - Mbalaka: Leirs, Herwig et al.: RMCA: 1 [1 - 1 - 2].

Total Specimens for 24 July 1995: 2

25 July 1995

Congo (Democratic Republic of the): Kinzambi mission: Leirs, Herwig et al.: RMCA: 1 [1 - 1 - 1].
South Africa: Mkuzi Game Reserve: Goodman, K.P.: DNSM: 1 [1 - 1 - 1].

Total Specimens for 25 July 1995: 2

26 July 1995

Congo (Democratic Republic of the): Kinzambi mission: Leirs, Herwig et al.: MSB: 1 [1 - 1 - 1].

Total Specimens for 26 July 1995: 1

28 July 1995

Congo (Democratic Republic of the): Kinzambi mission: Leirs, Herwig et al.: MSB: 1, RMCA: 2 [3 - 3 - 3].

Total Specimens for 28 July 1995: 3

30 July 1995

Congo (Democratic Republic of the): Kinzambi mission: Leirs, Herwig et al.: MSB: 1 [1 - 1 - 1].

Total Specimens for 30 July 1995: 1

31 July 1995

Congo (Democratic Republic of the): Kinzambi mission: Leirs, Herwig et al.: RMCA: 1 [1 - 1 - 1].

Total Specimens for 31 July 1995: 1

1 August 1995

Congo (Democratic Republic of the): Kikwit: Leirs, Herwig et al.: MSB: 3, RMCA: 2 [5 - 5 - 5].

Total Specimens for 1 August 1995: 5

4 August 1995

South Africa: Mountain View: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 4 August 1995: 1

10 August 1995

South Africa: Bube pan: Taylor, Peter John (Dr.) et al.: DNSM: 7 [7 - 7 - 7].

Total Specimens for 10 August 1995: 7

11 August 1995

South Africa: Bube pan: Taylor, Peter John (Dr.) et al.: DNSM: 2 [2 - 2 - 2].

Total Specimens for 11 August 1995: 2

12 August 1995

South Africa: Bube pan: Taylor, Peter John (Dr.) et al.: DNSM: 4 [4 - 4] - Msinga Hide: Taylor, Peter John (Dr.) et al.: DNSM: 2 [2 - 2 - 6].

Total Specimens for 12 August 1995: 6

13 August 1995

South Africa: Mkuzi Game Reserve: Kearney, Teresa Catherine (Dr.): DNSM: 4 [4 - 4] - Msinga Hide: Taylor, Peter John (Dr.) et al.: DNSM: 4 [4 - 4 - 8].

Total Specimens for 13 August 1995: 8

14 August 1995

South Africa: Pongolapoort Dam [=Pongola dam], dams inspection tunnels: Taylor, Peter John (Dr.) et al.: DNSM: 11 [11 - 11 - 11].

Total Specimens for 14 August 1995: 11

18 August 1995

South Africa: Farm Tygerskloof: Bronner, Gary Neil (dr.): TM: 1 [1 - 1 - 1].

Total Specimens for 18 August 1995: 1

2 September 1995

Tanzania: Bamba-Mlungi Forest Reserve: Bayliss, J.: SMF: 1 [1 - 1 - 1].

Total Specimens for 2 September 1995: 1

26 September 1995

South Africa: Transvaal Museum workshop: Skea, K.: TM: 1 [1 - 1 - 1].

Total Specimens for 26 September 1995: 1

9 October 1995

South Africa: Kumsinga Hide: Taylor, Peter John (Dr.): DNSM: 1 [1 - 1 - 1].

Total Specimens for 9 October 1995: 1

21 October 1995

Swaziland: Ngwenya [=Byrhtes]: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 21 October 1995: 1

5 November 1995

South Africa: Farm Sarum 245LS, Buzzard Mountain Retreat: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2 - 2].

Total Specimens for 5 November 1995: 2

19 December 1995

Ethiopia: Hareenna Forest: Kruskop, S.V.: ZMMU: 1 [1 - 1 - 1].

Total Specimens for 19 December 1995: 1

4 January 1996

Swaziland: St. Joseph's: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 4 January 1996: 1

7 January 1996

Swaziland: Ndabasezwe High School: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 7 January 1996: 1

10 January 1996

Swaziland: Allen's Farm: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 10 January 1996: 1

18 January 1996

Swaziland: Allen's Farm: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 18 January 1996: 1

25 January 1996

Congo (Democratic Republic of the): Kikwit, Palm Plantation: Swanepoel, R. (Prof.): TM: 3 [3 - 3 - 3].

South Africa: Klaserie Private Nature Reserve: von Brandis, R.: TM: 1 [1 - 1] - Soutpansberg [= Zoutpansberg], Entabeni State Forest: Herholdt, E.M.: TM: 1 [1 - 1 - 2].

Total Specimens for 25 January 1996: 5

28 January 1996

Congo (Democratic Republic of the): Kikwit, Palm Plantation: Swanepoel, R. (Prof.): TM: 1 [1 - 1 - 1].

Total Specimens for 28 January 1996: 1

6 February 1996

South Africa: Farm Hilda [=V.L.N.R.]: Bronner, Gary Neil (dr.): TM: 10 [10 - 10] - Farm Regina 68 [=V.L.N.R.]: Bronner, Gary Neil (dr.): TM: 1 [1 - 1] - Winburg: ?: Collector Unknown: NMB: 3 [3 - 3 - 14].

Swaziland: Franson Christian High: ?: Collector Unknown: TM: 1 [1 - 1] - Nsoko [=Forbes Ranch]: Monadjem, Ara (Dr.): TM: 1 [1 - 1 - 2].

Total Specimens for 6 February 1996: 16

7 February 1996

South Africa: Farm Regina 68 [=V.L.N.R.]: Bronner, Gary Neil (dr.): TM: 2 [2 - 2] - Lydenberg Vissery [=Fisheries]: Linstrom, A.: TM: 1 [1 - 1 - 3].

Total Specimens for 7 February 1996: 3

12 February 1996

South Africa: Farm Regina 68 [=V.L.N.R.]: Bronner, Gary Neil (dr.): TM: 22 [22 - 22 - 22].

Swaziland: Byrhytes mine: Monadjem, Ara (Dr.): TM: 1 [1 - 1 - 1].

Total Specimens for 12 February 1996: 23

14 February 1996

South Africa: Farm Hilda [=V.L.N.R.]: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 14 February 1996: 1

15 February 1996

Swaziland: Bar Circle Ranches: ?: Collector Unknown: TM: 2 [2 - 2] - Big Bend: ?: Collector Unknown: TM: 1 [1 - 1 - 3].

Total Specimens for 15 February 1996: 3

1 March 1996

Swaziland: Nkwene High School: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 1 March 1996: 1

6 March 1996

Swaziland: Franson Christian High: ?: Collector Unknown: TM: 1 [1 - 1] - Sithobela Primary School: ?: Collector Unknown: TM: 1 [1 - 1 - 2].

Total Specimens for 6 March 1996: 2

11 March 1996

South Africa: Molopo Nature Reserve: Newbery, C. (NWP: DTEA): TM: 1 [1 - 1 - 1].

Total Specimens for 11 March 1996: 1

13 March 1996

Tanzania: Semdoe Forest Reserve: Frontier-Project: SMF: 1 [1 - 1 - 1].

Total Specimens for 13 March 1996: 1

24 March 1996

South Africa: Isipingo, 2 Sykes Road: ?: Collector Unknown: TM: 11 [11 - 11 - 11].

Total Specimens for 24 March 1996: 11

3 April 1996

Swaziland: St. Peregrines: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 3 April 1996: 1

7 April 1996

Swaziland: Mbutfu Primary School: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 7 April 1996: 1

18 April 1996

Swaziland: Mkhuzweni Primary School: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 18 April 1996: 1

21 April 1996

Swaziland: St. Florence Mission: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 21 April 1996: 1

22 April 1996

Swaziland: St. Florence Mission: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 22 April 1996: 1

9 May 1996

Swaziland: Dinedor Ranch: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 9 May 1996: 1

10 May 1996

Swaziland: Dinedor Ranch: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 10 May 1996: 1

2 August 1996

Tanzania: Matai Forest Reserve: Frontier-Project: SMF: 1 [1 - 1 - 1].

Total Specimens for 2 August 1996: 1

31 August 1996

South Africa: Pongolapoort Dam [=Pongola dam], dams inspection tunnels: Taylor, Peter John (Dr.) and Kearney, Teresa Catherine (Dr.): DNSM: 2 [2 - 2 - 2].

Total Specimens for 31 August 1996: 2

24 September 1996

South Africa: Molopo Nature Reserve: Newbery, C. (NWP Nat. Cons.): TM: 1 [1 - 1 - 1].

Total Specimens for 24 September 1996: 1

8 October 1996

South Africa: Winburg: ?: Collector Unknown: NMB: 2 [2 - 2 - 2].

Total Specimens for 8 October 1996: 2

21 October 1996

Swaziland: Ngwenya [=Byrhthes]: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 21 October 1996: 1

22 October 1996

Tanzania: Kwamgumi Forest Reserve: Frontier: SMF: 1 [1 - 1 - 1].

Total Specimens for 22 October 1996: 1

10 November 1996

South Africa: Winburg: ?: Collector Unknown: NMB: 2 [2 - 2 - 2].

Total Specimens for 10 November 1996: 2

30 December 1996

Tanzania: northern Matema: Singerhoff, E.: SMF: 2 [2 - 2 - 2].

Total Specimens for 30 December 1996: 2

4 January 1997

Tanzania: Songwe-Flub, Songwe Bat Cave: Singerhoff, E.: SMF: 1 [1 - 1 - 1].

Total Specimens for 4 January 1997: 1

22 February 1997

South Africa: Koegelbeen Caves: ?: Collector Unknown: NMB: 9 [9 - 9 - 9].

Total Specimens for 22 February 1997: 9

1 April 1997

Mozambique: Xai Xai: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 1 April 1997: 1

17 April 1997

Ethiopia: Beletta forest: Lavrenchenko, Leonid A.: ZMMU: 1 [1 - 1 - 1].

Total Specimens for 17 April 1997: 1

27 July 1997

Tanzania: Manga Forest Reserve: Frontier: SMF: 2 [2 - 2 - 2].

Total Specimens for 27 July 1997: 2

8 October 1997

South Africa: Phillipolis: ?: Collector Unknown: NMB: 2 [2 - 2 - 2].

Total Specimens for 8 October 1997: 2

28 November 1997

South Africa: Pongolapoort Dam [=Pongola dam], dams inspection tunnels: Taylor, Peter John (Dr.); Jacobs, David S. (Dr.); et al.: DNSM: 7 [7 - 7 - 7].

Total Specimens for 28 November 1997: 7

4 March 1998

Swaziland: Maguga: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 4 March 1998: 1

5 March 1998

Swaziland: Maguga: ?: Collector Unknown: NMB: 4 [4 - 4 - 4].

Total Specimens for 5 March 1998: 4

6 March 1998

Swaziland: Maguga: ?: Collector Unknown: NMB: 11 [11 - 11 - 11].

Total Specimens for 6 March 1998: 11

9 March 1998

Swaziland: Maguga: ?: Collector Unknown: NMB: 2 [2 - 2 - 2].

Total Specimens for 9 March 1998: 2

1 June 1998

South Africa: Ngwenya: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Total Specimens for 1 June 1998: 2

22 July 1998

Tanzania: Kilombero Valley: Frontier: SMF: 1 [1 - 1 - 1].

Total Specimens for 22 July 1998: 1

26 August 1998

Tanzania: Segoma Forest Reserve: Frontier: SMF: 1 [1 - 1 - 1].

Total Specimens for 26 August 1998: 1

6 September 1998

Swaziland: Sandleni Primary School: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for 6 September 1998: 1

24 October 1998

South Africa: : Kearney, R.: MMK: 1 [1 - 1] - Clarens: Kearney, R.: DNSM: 1 [1 - 1] - Winterton: Taylor, Peter John (Dr.): DNSM: 1 [1 - 1 - 3].

Total Specimens for 24 October 1998: 3

22 February 1999

South Africa: Hoopstad: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 22 February 1999: 1

5 March 1999

Tanzania: Segoma Forest Reserve: Frontier: SMF: 1 [1 - 1 - 1].

Total Specimens for 5 March 1999: 1

25 July 1999

South Africa: Farm Rietfontein 536KQ: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 1].

Total Specimens for 25 July 1999: 1

2 August 1999

South Africa: Farm Sterkspruit 33JT, Lydenburg Fisheries: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 1].

Total Specimens for 2 August 1999: 1

1 November 1999

Lesotho: Thaba-Tseka:?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 1 November 1999: 1

21 November 1999

Ghana: Agumatsa Wildlife Sanctuary, Agumatsa River, Wli Waterfall: Decher, J.: SMF: 1 [1 - 1 - 1].

Total Specimens for 21 November 1999: 1

7 February 2000

WP: Sandrivierbrug:?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Total Specimens for 7 February 2000: 1

9 February 2000

Tanzania: Amani Nature Forest Reserve, NW-side: Frontier: SMF: 2 [2 - 2 - 2].

Total Specimens for 9 February 2000: 2

10 February 2000

Tanzania: Amani Nature Forest Reserve, NW-side: Frontier: SMF: 1 [1 - 1 - 1].

Total Specimens for 10 February 2000: 1

12 April 2000

South Africa: Hoopstad:?: Collector Unknown: NMB: 2 [2 - 2 - 2].

Total Specimens for 12 April 2000: 2

24 November 2000

South Africa: Pafuri: MacFadyen, D. and Kone, J.: TM: 21 [21 - 21 - 21].

Total Specimens for 24 November 2000: 21

11 January 2001

South Africa: Farm De Kafferskraal 53JT: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 1].

Total Specimens for 11 January 2001: 1

15 January 2001

South Africa: Lydenburg: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 1].

Total Specimens for 15 January 2001: 1

5 February 2001

South Africa: Farm Vergelegen 80JS, Loskop Dam Wall Inspection Tunnel: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 1].

Total Specimens for 5 February 2001: 1

15 February 2001

Tanzania: Semdoe Forest Reserve: Frontier: SMF: 1 [1 - 1 - 1].**Total Specimens for 15 February 2001: 1**

17 February 2001

South Africa: Farm Victoriaspoort 18IT: Cohen, Lientjie and Fernsby, Nigel: TM: 3 [3 - 3 - 3].**Total Specimens for 17 February 2001: 3**

20 February 2001

Tanzania: Semdoe Forest Reserve: Frontier: SMF: 1 [1 - 1 - 1].**Total Specimens for 20 February 2001: 1**

21 February 2001

South Africa: Townlands of Mathinus Wesselstroom: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 1].**Total Specimens for 21 February 2001: 1**

3 March 2001

South Africa: Waterberg, Farm Klipfontein 54JS: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 1].**Total Specimens for 3 March 2001: 1**

12 March 2001

South Africa: Mooketsi: Fernsby, Nigel: TM: 2 [2 - 2 - 2].**Total Specimens for 12 March 2001: 2**

13 March 2001

Tanzania: Semdoe Forest Reserve: Frontier: SMF: 1 [1 - 1 - 1].**Total Specimens for 13 March 2001: 1**

16 March 2001

South Africa: Farm Sterkspruit 33JT, Lydenburg Fisheries: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 1].**Total Specimens for 16 March 2001: 1**

15 April 2001

South Africa: Farm Elandsfontein 435KT: Cohen, Lientjie (Mpumalanga Parks Board): TM: 2 [2 - 2 - 2].**Total Specimens for 15 April 2001: 2**

6 May 2001

South Africa: Berlin: Cohen, Lientjie (Mpumalanga Parks Board): TM: 2 [2 - 2 - 2].**Total Specimens for 6 May 2001: 2**

26 May 2001

South Africa: Sabie Forest Rest Area: ?: Collector Unknown: TM: 1 [1 - 1 - 1].**Total Specimens for 26 May 2001: 1**

20 June 2001

South Africa: Balule Private Nature Reserve, Oliphants River: Barlow C: TM: 1 [1 - 1 - 1].**Total Specimens for 20 June 2001: 1**

20 July 2001

South Africa: Komatipoort: Jacobs, Sgts.: TM: 3 [3 - 3 - 3].

Total Specimens for 20 July 2001: 3

9 August 2001

Tanzania: Kibebe farms: Stanley, William (Bill) T.: FMNH: 1 [1 - 1 - 1].

Total Specimens for 9 August 2001: 1

11 August 2001

Ghana: Agumatsa Wildlife Sanctuary, Agumatsa River, Wli Waterfall: Decher, J.: SMF: 1 [1 - 1 - 1].

Total Specimens for 11 August 2001: 1

16 August 2001

South Africa: Balule Private Nature Reserve, Oliphants River: Fernsby, Nigel: TM: 1 [1 - 1 - 1].

Total Specimens for 16 August 2001: 1

18 September 2001

South Africa: Waterberg, Waterberg Game Farm, Dassie Cave: Seamark, Ernest Charles James: TM: 1 [1 - 1 - 1].

Total Specimens for 18 September 2001: 1

15 November 2001

South Africa: Suikerbosrand [=Suikerboschrand] Nature Reserve: Peinke, Dean M (Dr.) (Gauteng Nature Conservation): TM: 1 [1 - 1 - 1].

Total Specimens for 15 November 2001: 1

3 March 2002

South Africa: Farm Sudwalaskraal 271JT: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 1].

Total Specimens for 3 March 2002: 1

11 April 2002

South Africa: Levuvhu: Fernsby, Nigel: TM: 1 [1 - 1 - 1].

Total Specimens for 11 April 2002: 1

5 May 2002

South Africa: Farm Klipgat 217JT: Cohen, Lientjie (Mpumalanga Parks Board): TM: 2 [2 - 2 - 2].

Total Specimens for 5 May 2002: 2

6 May 2002

South Africa: Farm Sterkspruit 412KT: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 1].

Total Specimens for 6 May 2002: 1

20 May 2002

Libya: Wadi al Kuf [= Jabal Akhdar Mts]: Benda, Petr, Hanák, V., Andreas, M., Reiser, A. and Uhrin, M.: NMP: 1 [1 - 1 - 1].

Total Specimens for 20 May 2002: 1

6 July 2002

South Africa: Farm Elandsfontein 435KT, Bourke's Luck: Cohen, Lientjie (Mpumalanga Parks Board): TM: 2 [2 - 2 - 2].

Total Specimens for 6 July 2002: 2

3 August 2002

South Africa: Farm Wakkersdal 436KT: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 1].

Total Specimens for 3 August 2002: 1

10 August 2002

South Africa: Timbavati: Hood D: TM: 1 [1 - 1 - 1].

Total Specimens for 10 August 2002: 1

10 September 2002

South Africa: Timbavati: Hood D: TM: 1 [1 - 1 - 1].

Total Specimens for 10 September 2002: 1

5 October 2002

South Africa: Farm Sterkspruit 412KT, Mogaba: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 1].

Total Specimens for 5 October 2002: 1

6 October 2002

South Africa: Farm Sterkspruit 412KT, Mogaba: Cohen, Lientjie (Mpumalanga Parks Board): TM: 2 [2 - 2 - 2].

Total Specimens for 6 October 2002: 2

3 November 2002

South Africa: Farm Haffenden Heights 35KT: Cohen, Lientjie (Mpumalanga Parks Board): TM: 2 [2 - 2 - 2].

Total Specimens for 3 November 2002: 2

13 November 2002

South Africa: Farm Onverwacht 544JT, Sjonajona: Kearney, Teresa Catherine (Dr.) and Ndhlovu, C.: TM: 1 [1]; Ndhlovu, Captain and Kearney, Teresa Catherine (Dr.): TM: 1 [1 - 2] - Waterberg, Waterberg Game Farm, Dassie Cave: Seamark, Ernest Charles James: TM: 1 [1 - 1 - 3].

Total Specimens for 13 November 2002: 3

15 November 2002

South Africa: Farm Onverwacht 544JT, Sjonajona: Legwai, J.: TM: 1 [1 - 1 - 1].

Total Specimens for 15 November 2002: 1

25 November 2002

South Africa: Tswaing Crater: Maleka, Anna; Ndhlovu, Captian and Kearney, Teresa Catherine: TM: 1 [1 - 1 - 1].

Total Specimens for 25 November 2002: 1

16 December 2002

South Africa: Sudwala Cave area, Miggiesgat cave: Schoeman Corrie, et al.: TM: 1 [1 - 1 - 1].

Total Specimens for 16 December 2002: 1

18 December 2002

South Africa: Sudwala Cave: Schoeman Corrie, et al.: TM: 1 [1 - 1 - 1].

Total Specimens for 18 December 2002: 1

19 December 2002

South Africa: Sudwala Caves area, Miggiesgat cave: Schoeman, Corrie et al.: TM: 1 [1 - 1 - 1].

Total Specimens for 19 December 2002: 1

27 January 2003

South Africa: Groenkloof: West, Sean D.: TM: 1 [1 - 1 - 1].

Total Specimens for 27 January 2003: 1

16 March 2003

South Africa: Farm Fleur de Lys 195KU: Pietersen Darren: TM: 1 [1 - 1 - 1].

Total Specimens for 16 March 2003: 1

6 July 2003

South Africa: Farm Skoongesig 360JS, Languitsig: Cohen, Lientjie (Mpumalanga Parks Board): TM: 2 [2 - 2 - 2].

Total Specimens for 6 July 2003: 2

16 July 2003

South Africa: Farm Victoriaspoort 18IT: Cohen, Lientjie (Mpumalanga Parks Board): TM: 3 [3 - 3 - 3].

Total Specimens for 16 July 2003: 3

27 July 2003

Madagascar: Bekopake, 1.8 km SE and 0.6 km NE Andadoany: Jenkins, R.K.B. and Ratrimomanarivo, F.H.: UADBA: 1 [1 - 1 - 1].

Total Specimens for 27 July 2003: 1

12 August 2003

South Africa: Mantuma Camp, camp pool: Taylor, Peter John (Dr.) and White, Wendy: DNSM: 1 [1 - 1] - Mkuzi Game Reserve: White, Wendy: DNSM: 1 [1 - 1 - 2].

Total Specimens for 12 August 2003: 2

13 August 2003

South Africa: Ngodwena: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 1].

Total Specimens for 13 August 2003: 1

21 August 2003

South Africa: Mkuze River: White, Wendy: DNSM: 1 [1 - 1] - Mkuzi Game Reserve: White, Wendy: DNSM: 1 [1 - 1 - 2].

Total Specimens for 21 August 2003: 2

7 September 2003

South Africa: Perkeo ? 223KT: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 1].

Total Specimens for 7 September 2003: 1

20 September 2003

South Africa: Farm Makapansgat 39KS: Gauteng Bat Intrest Group: TM: 1 [1]; Northern Areas Bat Intrest Group: TM: 1 [1 - 2 - 2].

Total Specimens for 20 September 2003: 2

9 October 2003

South Africa: Irene: Harrison, James du G: TM: 1 [1 - 1 - 1].

Total Specimens for 9 October 2003: 1

12 October 2003

South Africa: Sudwala Mine 2: Schoeman, Corrie and Seamark, Ernest Charles James: TM: 3 [3 - 3 - 3].

Total Specimens for 12 October 2003: 3

14 November 2003

South Africa: Farm Uitkyk 264JT, Buffelskloof Private Nature Reserve: Burrows, John; Cohen, L. and Fernsby, Nigel: TM: 1 [1]; Cohen, Lientjie; Fernsby, Nigel and Burrows, J.: TM: 1 [1 - 2 - 2].

Total Specimens for 14 November 2003: 2

25 November 2003

South Africa: Tswaing Crater: Maleka, Anna; Ndhlovu, Captian and Kearney, Teresa Catherine: TM: 1 [1 - 1 - 1].

Total Specimens for 25 November 2003: 1

6 January 2004

South Africa: : Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 1].

Total Specimens for 6 January 2004: 1

3 February 2004

South Africa: Waterberg Game Farm: Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): TM: 3 [3 - 3] - Waterberg Game Farm, at small man-made ponds within camp: Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): TM: 1 [1 - 1 - 4].

Total Specimens for 3 February 2004: 4

5 February 2004

South Africa: Waterberg Game Farm: Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): TM: 1 [1 - 1 - 1].

Total Specimens for 5 February 2004: 1

5 April 2004

South Africa: Lebanon Sappi plantation: Barbe C: TM: 1 [1 - 1 - 1].

Total Specimens for 5 April 2004: 1

17 April 2004

South Africa: Farm Victoriaspoort 18IT, Kalkoenkrans Cave: Fernsby, Nigel; Cohen, Lientjie; de Wet, Koos and Peinke, Dean: TM: 1 [1 - 1] - Farm Waterval, Third Mine Tunnel: Fernsby, Nigel; Cohen, Lientjie; de Wet, Koos and Peinke, Dean: TM: 1 [1 - 1 - 2].

Total Specimens for 17 April 2004: 2

22 April 2004

South Africa: Farm Kunkuru: Fernsby, Nigel: TM: 1 [1 - 1 - 1].

Total Specimens for 22 April 2004: 1

18 July 2004

South Africa: : Gauteng Nature Conservation: TM: 1 [1 - 1 - 1].

Total Specimens for 18 July 2004: 1

25 October 2004

South Africa: Kaalrug: Cohen, Lientjie (Mpumalanga Parks Board): TM: 2 [2 - 2] - Mpumalanga: Cohen, Lientjie (Mpumalanga Parks Board): TM: 3 [3 - 3 - 5].

Total Specimens for 25 October 2004: 5

26 October 2004

South Africa: Malelane Old Mine Shaft: Cohen, Lientjie (Mpumalanga Parks Board): TM: 4 [4 - 4 - 4].

Total Specimens for 26 October 2004: 4

27 October 2004

South Africa: Mpumalanga: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1] - Waterval: Cohen, Lientjie (Mpumalanga Parks Board): TM: 2 [2 - 2 - 3].

Total Specimens for 27 October 2004: 3

8 January 2005

Swaziland: Wyldestdale: Monadjem, Ara (Dr.): DNSM: 2 [2 - 2 - 2].

Total Specimens for 8 January 2005: 2

5 February 2005

South Africa: Cederberg, Pakhuis Pass, Kliphuis camp site: Seamark, Ernest Charles James: TM: 7 [7 - 7 - 7].

Total Specimens for 5 February 2005: 7

8 February 2005

South Africa: Khamkirri Private Game Reserve, site 1: Seamark, Ernest Charles James: TM: 6 [6 - 6 - 6].

Total Specimens for 8 February 2005: 6

9 February 2005

South Africa: Khamkirri Private Game Reserve, site 2: Seamark, Ernest Charles James: TM: 1 [1 - 1 - 1].

Total Specimens for 9 February 2005: 1

10 February 2005

South Africa: Dullstroom Town: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1] - Khamkirri Private Game Reserve, site 2: Seamark, Ernest Charles James: TM: 1 [1 - 1 - 2].

Total Specimens for 10 February 2005: 2

17 April 2005

South Africa: Irene: Harrison, James du G: TM: 2 [2 - 2 - 2].

Total Specimens for 17 April 2005: 2

13 May 2005

South Africa: Farm Klipbanksfontein 607: Bredenkamp, H. and Fernsby, Nigel: TM: 1 [1 - 1 - 1].

Total Specimens for 13 May 2005: 1

14 May 2005

South Africa: Minaars cave: Peinke, Dean M (Dr.) (Gauteng Nature Conservation): TM: 1 [1 - 1 - 1].

Total Specimens for 14 May 2005: 1

17 May 2005

South Africa: Mpumalanga: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 1].

Total Specimens for 17 May 2005: 1

12 June 2005

South Africa: Chartwell: Horwood Keith, Fernsby Nigel: TM: 1 [1 - 1 - 1].

Total Specimens for 12 June 2005: 1

24 July 2005

South Africa: Groenkloof: von Blotnitz, Axel: TM: 1 [1 - 1 - 1].

Total Specimens for 24 July 2005: 1

13 September 2005

South Africa: Gatkop: Peinke, Dean M (Dr.) (Gauteng Nature Conservation): TM: 2 [2 - 2 - 2].

Total Specimens for 13 September 2005: 2

21 September 2005

Swaziland: Forbes Gold Mine [=Forbes Reef Gold Mine]: Monadjem, Ara (Dr.): TM: 2 [2 - 2 - 2].

Total Specimens for 21 September 2005: 2

26 September 2005

Swaziland: Ebaleni: Monadjem, Ara (Dr.): TM: 2 [2 - 2 - 2].

Total Specimens for 26 September 2005: 2

4 October 2005

South Africa: Farm In-de-Diepte 164JT: Cohen, Lientjie (Mpumalanga Parks Board): TM: 2 [2 - 2 - 2].

Total Specimens for 4 October 2005: 2

7 October 2005

South Africa: Farm Bolts Farm: Peinke, Dean M (Dr.) (Gauteng Nature Conservation): TM: 1 [1 - 1 - 1].

Total Specimens for 7 October 2005: 1

8 October 2005

South Africa: Lydenburg Fisheries: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 1].

Total Specimens for 8 October 2005: 1

15 October 2005

Swaziland: Rosecraft: Monadjem, Ara (Dr.): TM: 2 [2 - 2 - 2].

Total Specimens for 15 October 2005: 2

17 October 2005

Swaziland: Bhubesi Camp: Monadjem, Ara (Dr.): TM: 2 [2 - 2 - 2].

Total Specimens for 17 October 2005: 2

18 October 2005

South Africa: Drakensig, 5 Lark Crescent: Pienaar, Anton and Fernsby Nigel: TM: 2 [2 - 2 - 2].

Total Specimens for 18 October 2005: 2

27 October 2005

South Africa: Farm Tenbosch 112JU: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 1].

Total Specimens for 27 October 2005: 1

28 October 2005

South Africa: Farm Thankerton 175JU: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 1].

Total Specimens for 28 October 2005: 1

24 November 2005

South Africa: : Peinke, Dean M (Dr.) (Gauteng Nature Conservation): TM: 1 [1 - 1 - 1].

Total Specimens for 24 November 2005: 1

19 January 2006

Swaziland: Mlawula Nature Reserve: Monadjem, Ara (Dr.): TM: 2 [2 - 2 - 2].

Total Specimens for 19 January 2006: 2

1 February 2006

South Africa: [25]: Peinke, Dean M (Dr.) (Gauteng Nature Conservation): TM: 1 [1 - 1 - 1].**Total Specimens for 1 February 2006: 1**

2 February 2006

Swaziland: Mlawula Nature Reserve 1: Monadjem, Ara (Dr.); Kearney, Teresa Catherine (Dr.) and Seamark Ernest Charles James: TM: 6 [6]; Seamark, Ernest Charles James and Monadjem, Ara: TM: 2 [2 - **8** - 8].**Total Specimens for 2 February 2006: 8**

3 February 2006

Swaziland: Mlawula Nature Reserve 1: Monadjem, Ara (Dr.); Kearney, Teresa Catherine (Dr.) and Seamark Ernest Charles James: TM: 2 [2 - 2 - 2].**Total Specimens for 3 February 2006: 2**

4 February 2006

Swaziland: Mlawula Nature Reserve 2: Seamark, Ernest Charles James and Monadjem, Ara: TM: 1 [1 - 1 - 1].**Total Specimens for 4 February 2006: 1**

24 April 2006

South Africa: St. Lucia Wetland Park, Sugarloaf Camp Site: Jacobs, David: TM: 1 [1 - 1 - 1].**Total Specimens for 24 April 2006: 1****Grand total: 24891**

Appendix 4c: Per Country and Locality

Voucher specimen records sorted per country and locality, date and collector.

Underlined numbers indicate the number of specimens for the given date. Bold numbers represent the number of specimens for the collector, and bold and underlined numbers the totals for the specific locality.

"Africa"

: Collection Date Unknown: TM: 1 [1]; Rosevear, D.R. (dr.): BMNH: 8 [8 - 9 - 9].
"Lobito Voay": Collection Date Unknown: Chapman, Jan: SAMC: 1 [1 - 1 - 1].
Africa: Collection Date Unknown: ? : Collector Unknown: MZUF: 1 [1]; de Selys-Longschamps: KBIN: 1 [1 - 2 - 2].
Bornili an the Amwini river: Collection Date Unknown: Schubotz: ZMB: 2 [2 - 2 - 2].
Caffraria?: Collection Date Unknown: Wahlberg, J. (Stockholm Museum): ZMB: 1 [1 - 1 - 1].
Central Africa: Collection Date Unknown: ? : Collector Unknown: NMBE: 7 [7 - 7 - 7].
Eastern Africa: Collection Date Unknown: ? : Collector Unknown: NMW: 1 [1]; Glauning: ZMB: 1 [1]; Neumann: ZMB: 1 [1]; van den Decken: ZMB: 1 [1 - 4 - 4].
Great lakes area, East Africa: Collection Date Unknown: For, M.: MNHN: 1 [1 - 1 - 1].
Insizwe Mine: Collection Date Unknown: Taylor, Peter John (Dr.): DNSM: 1 [1 - 1 - 1].
Kester, Kosterfontein: Collection Date Unknown: Roberts, Austin: TM: 1 [1 - 1 - 1].
Lobatsi, Korngwe Nature Reserve: Collection Date Unknown: Arnold, H.G.: TM: 1 [1 - 1 - 1].
Mfutululu: Collection Date Unknown: ? : Collector Unknown: DNSM: 1 [1 - 1 - 1].
Mootshane: Collection Date Unknown: ? : Collector Unknown: DNSM: 1 [1 - 1 - 1].
Naimniam: Collection Date Unknown: Bohndorff: ZMB: 3 [3 - 3 - 3].
Niamniam: Collection Date Unknown: Bohndorff: ZMB: 1 [1 - 1 - 1].
Northeastern Africa: Collection Date Unknown: Ehrenberg: ZMB: 1 [1 - 1 - 1].
Northern Africa: Collection Date Unknown: Mission Frantf...: SMNS: 1 [1]; Verreaux, J.P.: AMNH: 1 [1 - 2 - 2].
Ruwenzori West: Collection Date Unknown: Hackard: RMCA: 1 [1 - 1 - 1].
S-Africa: Collection Date Unknown: Schultze: ZMB: 2 [2 - 2 - 2].
Sahara: Collection Date Unknown: ? : Collector Unknown: MHNG: 1 [1 - 1 - 1].
South Africa: Collection Date Unknown: ? : Collector Unknown: BMNH: 1 [1 - 1 - 1].
Tropical Africa: 19 1/02: Institut für Tropenkrankheiten: ZMH: 2 [2 - 2 - 2].
Unknown locality: 19 0/19: Mensah, P.E.: ROM: 1 [1 - 1] - 19 0/24: ? : Collector Unknown: MHNG: 1 [1 - 1] - Collection Date Unknown: ? : Collector Unknown: BMNH: 6, MNHN: 3, RMCA: 2, RMNH: 2, USNM: 1, ZFMK: 1 [15]; Christie, J. (dr.): RMCA: 2 [2]; Earl, P.: KBIN: 1 [1]; Fain, Alexandre (Dr.): RMCA: 5 [5]; Tomes Collection: BMNH: 1 [1 - 24] - 19 1/23: Scott: BMNH: 1 [1 - 1] - 19 2/08: Kingdon, Jonathan: HZM: 1 [1 - 1] - 19 2/14: Prigogine, A.: RMCA: 1 [1 - 1] - 19 8/13: N'Kele: RMCA: 1 [1 - 1 - 30].
West Africa: Collection Date Unknown: ? : Collector Unknown: TM: 2 [2 - 2 - 2].
Woodbush: Collection Date Unknown: Roberts, Austin: TM: 1 [1 - 1 - 1].

Total Specimens for "Africa": 79

"Congo"

: 19 0/17: KBIN: 1 [1 - 1] - Collection Date Unknown: ? : Collector Unknown: MIZT: 1 [1]; Thellon, M.: MNHN: 2 [2 - 3 - 4].

Total Specimens for "Congo": 4

"Senegal or Mauritania"

: Collection Date Unknown: MNHN: 15 [15 - 15 - 15].

Total Specimens for "Senegal or Mauritania": 15

Algeria

: Collection Date Unknown: ZMB: 2 [2 - 2 - 2].
Ain Mokra: Collection Date Unknown: Spatz: ZMB: 3 [3 - 3 - 3].
Ain Oussera: 19 6/30: Qumsiyeh, Mazin: CM: 1 [1 - 1] - 19 7/01: Qumsiyeh, Mazin: CM: 14 [14 - 14 - 15].
Algerian Sahara, El Golea: 19 5/16: Hartert, E. (Dr., coll), Lord Rothschild (pres): BMNH: 1 [1 - 1 - 1].
Algiers: Collection Date Unknown: Gotsch: ZMB: 1 [1]; Nehring, Alfred: ZMB: 1 [1]; Spatz: ZMB: 5 [5]; Verreaux: ZMB: 2 [2]; Wagner, coll. Nehring: ZMB: 1 [1 - 10 - 10].
Annaba: Collection Date Unknown: ? : Collector Unknown: UANK: 2 [2 - 2 - 2].
Beni Cabbes, 15 km N: 19 2/16: Petiniot and Verheyen, Walter N.: RMCA: 1 [1 - 1 - 1].
Biskra: Collection Date Unknown: Heymons: ZMB: 4 [4]; Koenig, Alexander: ZFMK: 3 [3 - 7 - 7].
Djamaa: 19 2/21: Jordan, Karl (dr.): MNHN: 1 [1 - 1] - 19 2/25: Jordan, Karl (dr.): MNHN: 1 [1 - 1 - 2].
Djelfa: 19 7/18: Laenen, J.: ZFMK: 1 [1 - 1 - 1].
El Golea: 19 5/16: Hartert, E. (Dr.): BMNH: 1 [1 - 1 - 1].
Hassi Kalifa: 19 1/09: Verheyden, Mme and Fairon, Jacques: KBIN: 1 [1 - 1 - 1].
Heljani: Collection Date Unknown: Ducrot, M.: MNHN: 2 [2 - 2 - 2].

In Saleh: 19 5/29: Qumsiyeh, Mazin: CM: 1 [1 - 1 - 1].
Laghout: Collection Date Unknown: Laenen, J.: FMNH: 1 [1]; Lataste collection: MNHN: 1 [1 - 2 - 2].
Les Andalouses: 19 0/08: Kowalski, K.: HZM: 1 [1 - 1] - 19 1/08: Kowalski, K.: HZM: 3 [3 - 3] - 19 1/12: Kowalski, K.: HZM: 2 [2 - 2] - 19 3/24: Kowalski, K.: HZM: 1 [1 - 1 - 7].
Misserghin: 19 6/02: Kowalski, K.: HZM: 1 [1 - 1] - 19 6/22: Kowalski, K.: HZM: 1 [1 - 1 - 2].
Mouzdjadjo: 19 5/19: Qumsiyeh, Mazin: CM: 2 [2 - 2 - 2].
no specific locality: Collection Date Unknown: Doria, Giacomo (Marchese): ZMB: 4 [4]; Verreaux: ZMB: 1 [1 - 5 - 5].
Oran: Collection Date Unknown: Pallary, Paul: MNHN: 1 [1]; Wagner, Johann Andreas: ZMB: 1 [1 - 2 - 2].
Ouargla: Collection Date Unknown: Fatio, V.: MHNG: 1 [1]; Lataste collection: MNHN: 1 [1 - 2 - 2].
Ouarsenis, Djebel: Collection Date Unknown: Laurent, R. (Prof. Dr.): MNHN: 1 [1 - 1 - 1].
Oued Rhumel: 19 5/23: Qumsiyeh, Mazin: CM: 1 [1 - 1] - 19 5/24: Qumsiyeh, Mazin: CM: 1 [1 - 1 - 2].
Oued Tiélat: 19 6/08: Kowalski, K.: HZM: 1 [1 - 1 - 1].
Oumash: Collection Date Unknown: ?: Collector Unknown: BMNH: 1 [1 - 1 - 1].
Pool: Collection Date Unknown: James, D.K.: BMNH: 1 [1 - 1] - 19 2/27: James, D.K.: BMNH: 1 [1 - 1 - 2].
road between Sétif and Annaba: 19 1/01: ?: Collector Unknown: ZFMK: 2 [2 - 2 - 2].
Sebdou: 19 4/30: Kowalski, K.: HZM: 1 [1 - 1 - 1].
Sétif: 19 2/16: Kowalski, K.: HZM: 1 [1 - 1] - 19 6/05: Qumsiyeh, Mazin: CM: 1 [1 - 1 - 2].
Sidi Okba: 19 5/25: Streeter, D.D.: USNM: 5 [5 - 5 - 5].
Tamanrasset: 19 6/01: Qumsiyeh, Mazin: CM: 1 [1 - 1] - 19 6/03: Qumsiyeh, Mazin: CM: 7 [7 - 7 - 8].
Tamanrasset, 110 km NW: 19 3/12: Robbins, Lynn W.: USNM: 1 [1 - 1 - 1].
Ténès: 19 8/17: Strinati, P.: MHNG: 1 [1 - 1 - 1].
Tikjda: 19 8/13: Kowalski, K.: HZM: 1 [1 - 1 - 1].
Tit: Collection Date Unknown: Back, H.E.: ZFMK: 1 [1 - 1] - 19 4/03: Ernst, D.: SMF: 1 [1 - 1 - 2].
Umasch [=Oumach]: Collection Date Unknown: Zedlitz: ZMB: 1 [1 - 1 - 1].
Wadi Sauria: 19 5/16: Qumsiyeh, Mazin: CM: 6 [6 - 6 - 6].

Total Specimens for Algeria: 108

Angola

: Collection Date Unknown: BMNH: 1 [1 - 1 - 1].
Alto Chicapa: Collection Date Unknown: ?: Collector Unknown: BMNH: 1 [1 - 1] - 19 6/25: ?: Collector Unknown: BMNH: 1 [1 - 1 - 2].
Ambriz: 18 4/01: ?: Collector Unknown: RMNH: 1 [1 - 1 - 1].
Angola: Collection Date Unknown: Chatelain: USNM: 1 [1]; Monard, A. (Dr.): MHNG: 1 [1]; Wollwitsch: BMNH: 1 [1 - 3 - 3].
Benguela: Collection Date Unknown: Barboza du Bocage, José Vicente: MZUF: 1 [1]; Monteiro: ZMB: 7 [7]; Wellman, Dr. F.C.: BMNH: 1 [1 - 9 - 9].
Benguela [= Benguela]: Collection Date Unknown: ?: Collector Unknown: BMNH: 1 [1 - 1 - 1].
Biballe and Rio Coroca, Caconda: Collection Date Unknown: ?: Collector Unknown: BMNH: 1 [1 - 1 - 1].
Bungo: Collection Date Unknown: Ansoerge, W.J. (dr.): BMNH: 1 [1 - 1] - 19 5/11: Ansoerge, W.J. (dr.): BMNH: 2 [2 - 2 - 3].
Caconda: Collection Date Unknown: Anchieta, José Alberto de Oliveira: BMNH: 1 [1 - 1 - 1].
Caconda [= Cuango]: Collection Date Unknown: ex Museum Lissabon: ZMB: 1 [1 - 1 - 1].
Cahata: Collection Date Unknown: ?: Collector Unknown: BMNH: 1 [1]; Anchieta, José Alberto de Oliveira: MNHN: 1 [1 - 2 - 2].
Canzale: 19 4/02: Heinrich, Gerd H.: FMNH: 1 [1 - 1 - 1].
Capelongo: 19 7/20: Lang, Herbert and Boulton: AMNH: 1 [1 - 1 - 1].
Capolopop: Collection Date Unknown: ?: Collector Unknown: IICA: 3 [3 - 3 - 3].
Carumba lake: 19 3/21: Heinrich, Gerd H.: YPM: 1 [1 - 1 - 1].
Cassai: 19 2/08: Smithers, R.H.N.: HZM: 1 [1 - 1 - 1].
Cassoalalla: 19 7/08: Ansoerge, W.J. (dr.): BMNH: 1 [1 - 1 - 1].
Catumbella: Collection Date Unknown: ex Museum Lissabon: ZMB: 1 [1 - 1 - 1].
Catumbella [= Benguela]: Collection Date Unknown: Ausoy?, K.J.: BMNH: 1 [1 - 1 - 1].
Chinchoxo: Collection Date Unknown: Afrikanische Gesellschaft: ZMB: 8 [8]; Falkenstein: ZMB: 10 [10 - 18 - 18].
Chitau: Collection Date Unknown: ?: Collector Unknown: AMNH: 5 [5]; Lang, Herbert and Boulton: AMNH: 1 [1]; Vernay, Arthur S.: AMNH: 14 [14 - 20] - 19 1/17: Boulton, R. and Boulton, L.: CM: 1 [1]; Pulitzer, Ralph: CM: 1 [1 - 2] - 19 2/11: Phipps and Bradley: AMNH: 2 [2 - 2] - 19 2/12: Phipps and Bradley: AMNH: 1 [1 - 1] - 19 2/13: Buchanan, W.J.: AMNH: 1 [1]; Phipps and Bradley: AMNH: 2 [2 - 3] - 19 2/21: Phipps and Bradley: AMNH: 2 [2 - 2] - 19 8/05: Lang, Herbert: AMNH: 1 [1]; Lang, Herbert and Boulton: AMNH: 1 [1 - 2] - 19 8/06: Lang, Herbert and Boulton: AMNH: 1 [1 - 1 - 33].
Concórdia: Collection Date Unknown: Wilhelm: ZMB: 1 [1 - 1 - 1].
Cunga: Collection Date Unknown: ?: Collector Unknown: USNM: 1 [1 - 1 - 1].
Dande [= Dando], 35 km E: Collection Date Unknown: ?: Collector Unknown: AMNH: 1 [1 - 1 - 1].
Dando, 35 km E: Collection Date Unknown: Vernay, Arthur S.: AMNH: 1 [1 - 1 - 1].
Dondo: Collection Date Unknown: Ansoerge, W.J. (dr.): BMNH: 3 [3 - 3 - 3].
Dundo: Collection Date Unknown: ?: Collector Unknown: BMNH: 1, CNHM: 1 [2 - 2 - 2].
Dundo Lundo: Collection Date Unknown: ?: Collector Unknown: BMNH: 1 [1]; Barros Machados, A.: FMNH: 5 [5]; Dundo Museum, the: BMNH: 4 [4 - 10] - 19 1/02: ?: Collector Unknown: BMNH: 1 [1 - 1] - 19 3/27: de Barros Machado, A. (Dr.): BMNH: 1 [1 - 1] - 19 4/08: de Barros Machado, A. (Dr.): BMNH: 1 [1 - 1] - 19 8/01: de Barros Machado, A. (Dr.): BMNH: 1 [1 - 1 - 14].
Duque de Bragança: Collection Date Unknown: Ansoerge, W.J. (dr.): BMNH: 1 [1 - 1 - 1].
Duque de Bragança [=Calandula]: Collection Date Unknown: Bocage: ZMB: 1 [1]; ex Museum Lissabon: ZMB: 1 [1 - 2 - 2].
Galanga: Collection Date Unknown: Anchieta, José Alberto de Oliveira: MNHN: 2 [2 - 2 - 2].
Gauca river: 19 1/03: Boulton, R. and Boulton, L.: CM: 1 [1 - 1] - 19 1/04: Boulton, R. and Boulton, L.: CM: 2 [2 - 2 - 3].
Golungo Alto [=syn Golundo Alto]: Collection Date Unknown: Welwitsch, F.: BMNH: 1 [1 - 1 - 1].
Huila: 19 1/26: Heinrich, G.: FMNH: 1 [1 - 1] - 19 2/02: Heinrich, Gerd H.: FMNH: 1 [1 - 1] - 19 2/28: Heinrich, Gerd H.: FMNH: 1 [1 - 1] - 19 2/29: Heinrich, Gerd H.: FMNH: 1 [1 - 1] - 19 2/30: Heinrich, Gerd H.: FMNH: 1 [1 - 1] - 19 2/31: Heinrich,

G.: FMNH: 1 [1]; Heinrich, Gerd H.: FMNH: 1 [1 - 2 - 7].
Humbe: Collection Date Unknown: Anchieta, José Alberto de Oliveira: MSNG: 1 [1]; Bocage: ZMB: 1 [1]; Monard, A. (Dr.): MHNG: 1 [1 - 3 - 3].
Humpata: 19 1/29: Phipps and Bradley: AMNH: 1 [1 - 1 - 1].
Kuvangu Mission: 19 1/03: Monard, A. (Dr.): MHNG: 1 [1 - 1 - 1].
Lac Calundo: Collection Date Unknown: ? : Collector Unknown: BMNH: 2 [2 - 2 - 2].
Litambo: Collection Date Unknown: Lademann: ZMB: 5 [5 - 5 - 5].
Luanda: Collection Date Unknown: Gleim: ZMB: 1 [1 - 1 - 1].
Lucano: 19 8/02: Hall, B.P. (Mrs.): BMNH: 1 [1 - 1 - 1].
Malange [=Malanje]: Collection Date Unknown: Ansorge, W.J. (dr.): BMNH: 1 [1]; Buchner: ZMB: 1 [1]; Mechow: ZMB: 4 [4 - 6 - 6].
Moco, mount: 19 0/03: Heinrich, Gerd H.: FMNH: 1 [1 - 1 - 1].
Moks, mount: Collection Date Unknown: Burrard, C. (Maj.) and Jordan, Karl (dr.): BMNH: 1 [1 - 1 - 1].
Namibe [=syn Mossamedes, Mocamedes]: Collection Date Unknown: ex Lisbon Museum: BMNH: 1 [1 - 1 - 1].
NE Angola: Collection Date Unknown: ? : Collector Unknown: BMNH: 1 [1 - 1 - 1].
N'Kuta, Loango: Collection Date Unknown: Ansorge, W.J. (dr.) / Brit. Museum: ZMB: 1 [1 - 1 - 1].
no specific locality: Collection Date Unknown: ex Museum Lissabon: ZMB: 1 [1]; Toulson, Museum Bocage: ZMB: 1 [1]; Welwitsch, F.: ZMB: 1 [1 - 3 - 3].
Nova Lisboa: 19 1/06: Santos, Jaime: CZL: 1 [1 - 1 - 1].
Otjipomenima: Collection Date Unknown: Van de Kellen, P.J.: RMNH: 1 [1 - 1 - 1].
Pungo Andongo: 19 6/18: Ansorge, W.J. (dr.): BMNH: 1 [1 - 1 - 1].
Pungo Andongo [Quibula, Cahata]: Collection Date Unknown: Falkenstein: ZMB: 1 [1 - 1 - 1].
Quibula, Cahata, north of Quanza River, Pungo Andongo: Collection Date Unknown: Anchieta, José Alberto de Oliveira: BMNH: 1 [1 - 1 - 1].
Rio Coroca: Collection Date Unknown: ? : Collector Unknown: BMNH: 1 [1 - 1 - 1].
Roça Cansele: 19 9/18: Heinrich, Gerd H.: YPM: 2 [2 - 2 - 2].
Sanguave: Collection Date Unknown: Monard, A. (Dr.): MHNG: 1 [1 - 1 - 1].
Tshiumbe [=syn Tyhumbwe, Tyhumbwe, Chiumbe] river, tributary of Kasai river: Collection Date Unknown: ? : Collector Unknown: AMNH: 1, MHNC: 3 [4 - 4 - 4].

Total Specimens for Angola: 166

Angola (?)

Angola: Collection Date Unknown: BMNH: 1 [1 - 1 - 1].

Total Specimens for Angola (?): 1

Azores [Portugal]

St Michael: Collection Date Unknown: BMNH: 1 [1 - 1 - 1].

Total Specimens for Azores [Portugal]: 1

Benin

"Dahomey": Collection Date Unknown: MNHN: 1 [1 - 1 - 1].
Aguagou / Cotonou: 19 5/21: Bouet, Dr.: MNHN: 1 [1 - 1 - 1].
Bimberke: Collection Date Unknown: LeDuc, J.W.: USNM: 4 [4]; Robbins, C. Brian: USNM: 6 [6 - 10] - 19 1/19: LeDuc, J.W.: USNM: 1 [1]; Robbins, C. Brian: USNM: 2 [2 - 3] - 19 1/20: LeDuc, J.W.: USNM: 1 [1]; Robbins, C. Brian: USNM: 1 [1 - 2] - 19 1/21: LeDuc, J.W.: USNM: 15 [15]; Robbins, C. Brian: USNM: 10 [10 - 25] - 19 1/22: Robbins, C. Brian: USNM: 1 [1 - 1] - 19 1/23: Robbins, C. Brian: USNM: 3 [3 - 3 - 44].
Diho: Collection Date Unknown: Robbins, C. Brian: USNM: 1 [1 - 1 - 1].
Groß-Popo [= Grand-Popo]: Collection Date Unknown: Bloess: ZMB: 1 [1 - 1 - 1].
Guene: Collection Date Unknown: LeDuc, J.W.: USNM: 6 [6]; Robbins, C. Brian: USNM: 9 [9 - 15] - 19 1/29: LeDuc, J.W.: USNM: 18 [18]; Robbins, C. Brian: USNM: 17 [17 - 35 - 50].
Kouande: Collection Date Unknown: Aschemeier, C.R.: USNM: 2 [2]; LeDuc, J.W.: USNM: 6 [6]; Robbins, C. Brian: USNM: 2 [2 - 10 - 10].
Kpodave: 19 6/21: Robbins, C. Brian: USNM: 1 [1 - 1 - 1].
Nikki: Collection Date Unknown: LeDuc, J.W.: USNM: 1 [1]; Robbins, C. Brian: USNM: 4 [4 - 5] - 19 2/24: LeDuc, J.W.: USNM: 3 [3]; Robbins, C. Brian: USNM: 8 [8 - 11 - 16].
no specific locality: Collection Date Unknown: ? : Collector Unknown: MNHN: 1 [1 - 1] - 19 2/09: Rosevear, D.R. (dr.): BMNH: 1 [1 - 1 - 2].
Parakou: Collection Date Unknown: LeDuc, J.W.: USNM: 3 [3]; Robbins, C. Brian: USNM: 1 [1 - 4] - 19 2/27: LeDuc, J.W.: USNM: 1 [1 - 1] - 19 2/28: Robbins, C. Brian: USNM: 1 [1 - 1 - 6].
Porga: 19 5/07: LeDuc, J.W.: USNM: 1 [1]; Robbins, C. Brian: USNM: 1 [1 - 2 - 2].
Segbana: Collection Date Unknown: Robbins, C. Brian: USNM: 1 [1 - 1] - 19 2/15: Robbins, C. Brian: USNM: 4 [4 - 4] - 19 2/16: Robbins, C. Brian: USNM: 1 [1 - 1 - 6].
Soubroukou: 19 4/21: LeDuc, J.W.: USNM: 4 [4]; Robbins, C. Brian: USNM: 4 [4 - 8] - 19 4/22: Robbins, C. Brian: USNM: 1 [1 - 1] - 19 4/23: Robbins, C. Brian: USNM: 1 [1 - 1] - 19 4/24: Robbins, C. Brian: USNM: 2 [2 - 2 - 12].
Zizonkame: Collection Date Unknown: LeDuc, J.W.: USNM: 1 [1 - 1] - 19 4/14: LeDuc, J.W.: USNM: 8 [8 - 8] - 19 4/15: LeDuc, J.W.: USNM: 4 [4]; Robbins, C. Brian: USNM: 1 [1 - 5] - 19 4/16: LeDuc, J.W.: USNM: 4 [4]; Robbins, C. Brian: USNM: 3 [3 - 7] - 19 4/17: Robbins, C. Brian: USNM: 4 [4 - 4] - 19 4/18: LeDuc, J.W.: USNM: 4 [4]; Robbins, C. Brian: USNM: 1 [1 - 5 - 30].

Total Specimens for Benin: 183

Botswana

- 4 rivers camp:** 19 2/07: HZM: 1 [1 - 1 - 1].
- Artesia:** 18 7/17: ? : Collector Unknown: ZFMK: 1 [1 - 1 - 1].
- Dibete:** 19 1/19: Zumpt, F. (dr.): SMNS: 1 [1 - 1 - 1].
- Drotsky cave:** 19 0/18: Boesneck, J.: SMF: 3 [3 - 3] - Collection Date Unknown: Haacke, W. and Prozesky, O.P.M: USNM: 3 [3]; Herbert, H.J.: USNM: 7 [7 - 10] - 19 4/10: Davis, R.M.: USNM: 7 [7]; Herbert, H.J.: USNM: 1 [1 - 8] - 19 6/08: Goussard, S.W.: USNM: 22 [22 - 22] - 19 7/08: Goussard, S.W.: USNM: 1 [1 - 1] - 19 9/28: Maseko, S.: USNM: 1 [1 - 1] - 19 9/29: Cole, Ronald E.: USNM: 1 [1]; Maseko, S.: USNM: 8 [8 - 9 - 54].
- Drostky's Caves:** 19 4/09: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Drotsky's Cave:** 19 0/29: Marshall Exp.: TM: 1 [1 - 1] - Collection Date Unknown: ? : Collector Unknown: NHMZ: 14 [14]; Marshall Exp.: TM: 1 [1 - 15 - 16].
- Four Rivers Camp:** Collection Date Unknown: ? : Collector Unknown: NHMZ: 9 [9 - 9 - 9].
- Francistown:** 19 8/21: Muche, B.: HZM: 2, ZFMK: 3 [5 - 5] - 19 8/22: Muche, B.: HZM: 1 [1 - 1] - 19 8/23: Muche, B.: ZFMK: 1 [1 - 1] - 19 9/08: Muche, B.: ZFMK: 1 [1 - 1] - 19 9/09: Muche, B.: ZFMK: 1 [1 - 1 - 9].
- Ghanzi, 20 mi NE:** 19 7/10: Liversedge, T.N.: USNM: 1 [1 - 1 - 1].
- Goho Hills:** Collection Date Unknown: Vernay Expedition and Lang, Herbert: TM: 1 [1 - 1 - 1].
- Kaikai, 20 mi SE:** 19 4/09: ? : Collector Unknown: TM: 5 [5 - 5 - 5].
- Kanye:** Collection Date Unknown: Zumpt, F. (dr.): ZFMK: 4 [4 - 4 - 4].
- Kaoye:** 19 0/11: Arnold, H.J.: TM: 1 [1 - 1 - 1].
- Kuke pan:** 19 3/29: Vernay-Lang Kalahari Exped.: TM: 1 [1 - 1 - 1].
- Kuruman:** Collection Date Unknown: Dent, R.E.: BMNH: 1 [1 - 1] - 19 3/07: Dent, R.E. and Woosnam, R.B.: BMNH: 1 [1 - 1 - 2].
- Kurunxaraga [= Xugana Lagoon]:** Collection Date Unknown: ? : Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Kwaai river:** 19 8/25: Geertsema, C.C.: ZMA: 1 [1 - 1 - 1].
- Kwai Mababe Flats:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Lethlakeng:** 19 1/24: Setzer, H.W.: USNM: 2 [2 - 2] - 19 1/25: Setzer, H.W.: USNM: 2 [2 - 2 - 4].
- Lethlakeng, 11 mi SE:** 19 1/24: Hepplewhite, R.D.: USNM: 2 [2]; Liversedge, T.N.: USNM: 3 [3]; Setzer, H.W.: USNM: 6 [6 - 11] - 19 1/25: Hepplewhite, R.D.: USNM: 2 [2]; Liversedge, T.N.: USNM: 3 [3 - 5 - 16].
- Mababe Flats:** 19 6/04: Vernay Expedition and Lang, Herbert: FMNH: 1 [1 - 1 - 1].
- Mamono, 150 mi S:** 19 1/23: Liversedge, T.N.: USNM: 1 [1 - 1] - 19 1/24: Liversedge, T.N.: USNM: 1 [1 - 1 - 2].
- Maun:** Collection Date Unknown: ? : Collector Unknown: NHMZ: 1 [1]; Smithers, R.H.N.: SMF: 1 [1]; V.L.K.E.: TM: 2 [2 - 4] - 19 1/17: ? : Collector Unknown: USNM: 4 [4 - 4] - 19 5/05: Vernay Expedition and Lang, Herbert: FMNH: 1 [1 - 1] - 19 5/23: Vernay Expedition and Lang, Herbert: FMNH: 1 [1 - 1] - 19 5/25: ? : Collector Unknown: TM: 1 [1 - 1] - 19 5/28: Vernay Expedition and Lang, Herbert: FMNH: 2 [2]; Vernay Kalahari expedition and Lang, Herbert: TM: 1 [1 - 3] - 19 5/29: Vernay Expedition and Lang, Herbert: FMNH: 3 [3]; Vernay-Lang Kalahari Expedition 1930: TM: 1 [1 - 4] - 19 5/30: Vernay Kalahari expedition and Lang, Herbert: AMNH: 1 [1 - 1] - 19 5/31: Vernay Expedition and Lang, Herbert: FMNH: 2 [2 - 2] - 19 6/04: Vernay Expedition and Lang, Herbert: FMNH: 1 [1]; Vernay Kalahari expedition and Lang, Herbert: TM: 1 [1 - 2 - 23].
- Mohembo:** 19 2/09: Larson, Tom: KU: 4 [4 - 4 - 4].
- Nata:** 19 4/25: Davis, R.M.: USNM: 1 [1 - 1] - 19 4/26: Herbert, H.J.: USNM: 1 [1 - 1 - 2].
- Nekate [= Nekati]:** 19 8/16: Vernay-Lang Kalahari Expedition 1930: TM: 1 [1 - 1 - 1].
- Ngami, lake:** Collection Date Unknown: Woosnam, R.B.: BMNH: 1 [1 - 1 - 1].
- Nitani:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- N'kata:** 19 8/01: Vernay Expedition and Lang, Herbert: FMNH: 1 [1 - 1 - 1].
- Nokaneng, 15 mi N:** 19 6/22: Goussard, S.W.: USNM: 1 [1 - 1] - 19 6/24: Goussard, S.W.: USNM: 1 [1 - 1] - 19 6/25: Liversedge, T.N.: USNM: 2 [2 - 2 - 4].
- Nthane:** Collection Date Unknown: ? : Collector Unknown: NHMZ: 9 [9 - 9 - 9].
- Okovango River Lodge:** 19 7/15: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Pom Pom Okovango:** Collection Date Unknown: ? : Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Sepopa:** Collection Date Unknown: ? : Collector Unknown: NHMZ: 1 [1]; Goussard, S.W.: USNM: 1 [1]; Liversedge, T.N.: USNM: 1 [1 - 3] - 19 4/17: Liversedge, T.N.: USNM: 2 [2 - 2] - 19 4/18: Goussard, S.W.: USNM: 1 [1 - 1] - 19 4/19: Liversedge, T.N.: USNM: 1 [1 - 1] - 19 4/20: Liversedge, T.N.: USNM: 1 [1 - 1] - 19 4/22: Liversedge, T.N.: USNM: 1 [1 - 1 - 9].
- Sepope:** Collection Date Unknown: Liverseage, T.M.: USNM: 1 [1 - 1 - 1].
- Serowe, 40 mi NW:** 19 2/04: Smithers, R.H.N.: HZM: 2 [2 - 2 - 2].
- Serula:** 19 6/26: NMR: USNM: 2 [2 - 2 - 2].
- Shakawe:** Collection Date Unknown: Goussard, S.W.: USNM: 4 [4]; Liversedge, T.N.: USNM: 5 [5 - 9] - 19 2/21: Smithers, R.H.N.: HZM: 1 [1 - 1] - 19 5/10: Liversedge, T.N.: USNM: 1 [1 - 1 - 11].
- Shakawe, 50 mi W, 12 mi S:** 19 5/04: Goussard, S.W.: USNM: 1 [1 - 1] - 19 5/28: Goussard, S.W.: USNM: 4 [4]; Liversedge, T.N.: USNM: 1 [1 - 5 - 6].
- Tamafuhi:** 19 7/01: Smithers, R.H.N.: HZM: 1 [1 - 1 - 1].
- Tamafupi:** 19 7/01: Smithers, R.H.N.: HZM: 2 [2 - 2 - 2].
- Toteng:** 19 8/19: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].
- Tsane:** 19 1/20: Haacke, W. and Prozesky, O.P.M: USNM: 10 [10 - 10] - 19 1/23: Smithers, R.H.N.: HZM: 1 [1 - 1] - 19 2/24: Smithers, R.H.N.: HZM: 1 [1 - 1] - 19 6/07: Smithers, R.H.N.: HZM: 1 [1 - 1 - 13].
- Tsanogo:** Collection Date Unknown: ? : Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Tsotsoroga Pan:** 19 6/18: Vernay-Lang Kalahari Exped.: TM: 1 [1 - 1] - 19 6/19: Vernay-Lang Kalahari Exped.: TM: 1 [1]; Vernay-Lang Kalahari Expedition 1930: TM: 1 [1 - 2] - 19 6/29: Vernay-Lang Kalahari Expedition 1930: TM: 1 [1 - 1 - 4].
- Tuli Block, Gesond Ltd:** 19 6/14: Haake, W.: TM: 1 [1 - 1] - 19 6/17: Haake, W.: TM: 1 [1 - 1] - 19 6/18: Haake, W.: TM: 2 [2 - 2] - 19 6/19: Haake, W.: TM: 1 [1 - 1 - 5].
- unknown locality:** 19 9/22: Arnold, H.G.: TM: 1 [1 - 1 - 1].

Xugana: Collection Date Unknown: Archer, A.L.: USNM: 2 [2]; Carter, W.T. (Mrs.): USNM: 4 [4 - 6] - 19 1/16: Archer, A.L. and Williams, A.E.: USNM: 2 [2 - 2] - 19 1/17: Archer, A.L. and Williams, A.E.: USNM: 2 [2 - 2] - 19 1/18: Archer, A.L. and Williams, A.E.: USNM: 1 [1 - 1] - 19 1/19: Archer, A.L. and Williams, A.E.: USNM: 1 [1 - 1] - 19 1/24: Archer, A.L. and Williams, A.E.: USNM: 1 [1 - 1] - 19 2/09: Archer, A.L.: USNM: 1 [1 - 1] - 19 2/12: Archer, A.L.: USNM: 2 [2 - 2 - 16].

Zweizwe Waterhole: 19 6/07: Vernay Expedition and Lang, Herbert: FMNH: 1 [1 - 1 - 1].

Zweizwi River Waterhole: 19 6/07: Vernay-Lang Kalahari Exped.: TM: 1 [1]; Vernay-Lang Kalahari Expedition 1930: TM: 1 [1 - 2 - 2].

Total Specimens for Botswana: 259

British East Africa

Baruma: Collection Date Unknown: ZFMK: 1 [1 - 1 - 1].

Total Specimens for British East Africa: 1

Burkina Faso

Arly National Park: 19 1/14: USNM: 39 [39 - 39 - 39].

Azly: Collection Date Unknown: Vaden, R.E.: USNM: 1 [1 - 1 - 1].

Barga, 9 km NE: 19 3/02: Vaden, R.E.: USNM: 1 [1 - 1 - 1].

Boussouma, 5 km N: Collection Date Unknown: Vaden, R.E.: USNM: 2 [2 - 2 - 2].

Cella, 1 km N: Collection Date Unknown: Vaden, R.E.: USNM: 2 [2 - 2 - 2].

Dio: 19 2/22: Vaden, R.E.: USNM: 9 [9 - 9 - 9].

Dionga: 19 0/06: Koch-Weser, Sylvia: SMF: 1 [1 - 1] - 19 0/07: Koch-Weser, Sylvia: SMF: 1 [1 - 1 - 2].

Djipologo: 19 7/08: Vaden, R.E.: USNM: 19 [19 - 19] - 19 7/09: Vaden, R.E.: USNM: 5 [5 - 5 - 24].

Founzan: Collection Date Unknown: Vaden, R.E.: USNM: 9 [9 - 9] - 19 5/12: Vaden, R.E.: USNM: 1 [1 - 1] - 19 5/14: Vaden, R.E.: USNM: 41 [41 - 41] - 19 5/17: Vaden, R.E.: USNM: 5 [5 - 5 - 56].

Goden: 19 1/18: Vaden, R.E.: USNM: 30 [30 - 30] - 19 1/19: Vaden, R.E.: USNM: 5 [5 - 5 - 35].

Gorgadji, 17 km E: 19 2/10: Vaden, R.E.: USNM: 1 [1 - 1 - 1].

Konankira: 19 5/06: Vaden, R.E.: USNM: 22 [22 - 22 - 22].

Koutoura, 5 km SW: Collection Date Unknown: Vaden, R.E.: USNM: 5 [5 - 5] - 19 6/22: Vaden, R.E.: USNM: 15 [15 - 15 - 20].

Lawra: Collection Date Unknown: Cansdale, George Soper: BMNH: 2 [2 - 2 - 2].

Natiaboani: Collection Date Unknown: Vaden, R.E.: USNM: 2 [2 - 2] - 19 2/10: Vaden, R.E.: USNM: 20 [20 - 20] - 19 2/11: Vaden, R.E.: USNM: 31 [31 - 31] - 19 2/12: Vaden, R.E.: USNM: 67 [67 - 67 - 120].

Nayouré: 19 3/17: Vaden, R.E.: USNM: 1 [1 - 1 - 1].

Nayouré, 3 km SE: 19 3/17: Vaden, R.E.: USNM: 31 [31 - 31 - 31].

Nobéré, 1 km S: 19 1/17: Heisterberg, J.F.: USNM: 1 [1 - 1] - 19 1/27: Heisterberg, J.F.: USNM: 1 [1 - 1] - 19 2/14: Heisterberg, J.F.: USNM: 1 [1 - 1] - 19 9/12: Heisterberg, J.F.: USNM: 1 [1 - 1 - 4].

Nobéré, 2 km S: 19 1/25: Mumford, R.E.: ROM: 1 [1 - 1 - 1].

Nobéré, 9 mi S: 19 1/09: Vaden, R.E.: USNM: 2 [2 - 2] - 19 1/10: Vaden, R.E.: USNM: 2 [2 - 2 - 4].

Nouna: Collection Date Unknown: Ermert, A.: SMF: 1 [1]; Ernest, A.: SMF: 1 [1 - 2] - 19 1/04: Koch-Weser, Sylvia: SMF: 2 [2 - 2 - 4].

Orodara, 27 km ENE: 19 6/18: Vaden, R.E.: USNM: 6 [6 - 6] - 19 6/19: Vaden, R.E.: USNM: 9 [9 - 9 - 15].

Ouagadougou: Collection Date Unknown: Vaden, R.E.: USNM: 7 [7 - 7] - 19 1/09: Koch-Weser, Sylvia: SMF: 3 [3 - 3] - 19 4/27: Vaden, R.E.: USNM: 1 [1 - 1 - 11].

Ougarou: Collection Date Unknown: Vaden, R.E.: USNM: 7 [7 - 7] - 19 3/23: Vaden, R.E.: USNM: 1 [1 - 1 - 8].

Oulo: 19 5/03: LeDuc, J.W.: USNM: 1 [1]; Vaden, R.E.: USNM: 71 [71 - 72] - 19 5/04: Vaden, R.E.: USNM: 30 [30 - 30] - 19 5/06: Vaden, R.E.: USNM: 1 [1 - 1 - 103].

Saba: 19 8/22: Koch-Weser, Sylvia: SMF: 1 [1 - 1 - 1].

Sideradougou: 19 6/29: Vaden, R.E.: USNM: 10 [10 - 10] - 19 6/30: Vaden, R.E.: USNM: 4 [4 - 4 - 14].

Tambao: 19 1/10: Koch-Weser, Sylvia: SMF: 2 [2 - 2] - 19 8/14: Koch-Weser, Sylvia: SMF: 1 [1 - 1] - 19 8/16: Koch-Weser, Sylvia: SMF: 1 [1 - 1] - 19 8/19: Koch-Weser, Sylvia: SMF: 1 [1 - 1 - 5].

Tatarko: 19 1/25: Vaden, R.E.: USNM: 1 [1 - 1] - 19 1/25: Vaden, R.E.: USNM: 15 [15 - 15] - 19 1/26: Vaden, R.E.: USNM: 1 [1 - 1 - 17].

Total Specimens for Burkina Faso: 555

Burundi

Bujumbura: Collection Date Unknown: KBIN: 4, RMCA: 1 [5]; Lervall, Prof.: RMCA: 1 [1]; Lewall, Prof.: RMCA: 1 [1]; Verschuren, Jacques: KBIN: 2 [2 - 9] - 19 1/24: Niort, P.L.: MHNG: 1 [1 - 1] - 19 1/26: Niort, P.L.: MHNG: 1 [1 - 1] - 19 2/17: Niort, P.L.: MHNG: 1 [1 - 1] - 19 4/22: Meirte, Danny: RMCA: 1 [1 - 1 - 13].

Bujumbura, 7 km NW: Collection Date Unknown: Stephen, H.: SMF: 2 [2 - 2 - 2].

Busiga: 19 6/05: Niort, P.L.: MHNG: 6 [6 - 6 - 6].

Bweru: 19 7/29: Verschuren, Jacques: KBIN: 1 [1 - 1 - 1].

Kanyinya: 19 6/06: Niort, P.L.: MHNG: 3 [3 - 3 - 3].

Kayanza: 19 3/12: Stephan, Heinz: SMF: 1 [1 - 1 - 1].

Makamba: 19 3/23: Niort, P.L.: MHNG: 1 [1 - 1 - 1].

Mpinga: 19 1/01: Niort, P.L.: MHNG: 2 [2 - 2 - 2].

Nyakanda: 19 1/03: Niort, P.L.: MHNG: 3 [3 - 3 - 3].

Nyamugari hill: 19 4/20: Davenport, L.: FMNH: 1 [1 - 1 - 1].

Nyanza, lake: 19 2/28: ? : Collector Unknown: RMCA: 1 [1 - 1 - 1].

Nyanza, territory: 19 1/29: Laurent, R. (Prof. Dr.): RMCA: 1 [1 - 1 - 1].

Resha: 19 2/28: Stephan, Heinz: SMF: 2 [2 - 2] - 19 3/01: Stephan, Heinz: SMF: 1 [1 - 1] - 19 3/03: Stephan, Heinz: SMF: 1 [1

- 1] - 19 4/03: Stephan, Heinz: SMF: 2 [2 - 2] - 19 4/04: Stephan, Heinz: SMF: 1 [1 - 1] - 19 6/16: Stephan, Heinz: SMF: 1 [1 - 1 - 8].
Rugari mission: 19 6/07: Niort, P.L.: MHNG: 3 [3 - 3] - 19 6/08: Niort, P.L.: MHNG: 1 [1 - 1 - 4].
Rutana: 19 3/06: Stephan, Heinz: SMF: 1 [1 - 1 - 1].
Tora: 19 1/19: ?: Collector Unknown: RMCA: 1 [1 - 1 - 1].

Total Specimens for Burundi: 49

Burundi?

Russissi, bank [=Rusizi delta]: Collection Date Unknown: ZMB: 2 [2 - 2 - 2].

Total Specimens for Burundi?: 2

Cameroon

: 19 5/25: BMNH: 5 [5 - 5 - 5].
Abidjan, 15 km NW: Collection Date Unknown: ?: Collector Unknown: AMNH: 2 [2 - 2 - 2].
Aboubou: Collection Date Unknown: ?: Collector Unknown: RMCA: 2 [2 - 2] - 19 4/07: Robbins, Lynn W. and Thys Van den Audenaerde, Dirk: RMCA: 1 [1 - 1 - 3].
Aimako: Collection Date Unknown: ?: Collector Unknown: RMCA: 1 [1 - 1 - 1].
Ajos Höhe [=Ayos Heights]: Collection Date Unknown: Reichenow: ZMB: 2 [2 - 2 - 2].
Akonolinga: Collection Date Unknown: Freyer: ZMB: 1 [1 - 1 - 1].
Ambam, 10 km S, 5 km E: 19 8/03: Williams, S.L.: CM: 1 [1 - 1 - 1].
Ambam, 13 km S, 5 km E: 19 8/01: Robbins, Lynn W.: CM: 2 [2]; Robbins, Lynn W. and Robbins, R. Laurie: CM: 5 [5 - 7 - 7].
Bafia area: Collection Date Unknown: Tessmann: ZMB: 1 [1 - 1 - 1].
Bake river bridge: 19 6/10: Schlitter, Duane A. (dr.): CM: 2 [2 - 2 - 2].
Balue mountains: Collection Date Unknown: Konietzko: ZMB: 4 [4 - 4 - 4].
Bamenda: Collection Date Unknown: Glauning: ZMB: 1 [1 - 1 - 1].
Bamundjinda: Collection Date Unknown: Adametz: ZMB: 1 [1 - 1 - 1].
Bana: Collection Date Unknown: Glauning: ZMB: 1 [1 - 1 - 1].
Banjun: Collection Date Unknown: Glauning: ZMB: 2 [2 - 2 - 2].
Bashauo: Collection Date Unknown: Sanderson, Ivan T.: BMNH: 5 [5 - 5 - 5].
Basho: Collection Date Unknown: ?: Collector Unknown: ZMB: 1 [1]; von Oertzen: ZMB: 2 [2 - 3 - 3].
Bebai: Collection Date Unknown: Tessmann: ZMB: 2 [2 - 2 - 2].
Besogabang: Collection Date Unknown: Sanderson, Ivan T.: BMNH: 3 [3 - 3] - 19 2/02: Sanderson, Ivan T.: BMNH: 1 [1 - 1 - 4].
Bibundi: Collection Date Unknown: Lampe; Prof. E.: BMNH: 1 [1 - 1] - 19 6/17: Retzlaff, M.: ZMH: 1 [1 - 1 - 2].
Bimbia: 19 0/10: Jones, Theo Simpson: BMNH: 1 [1 - 1 - 1].
Bimbia [near Victoria]: Collection Date Unknown: Eisentraut, Martin: ZMB: 23 [23 - 23 - 23].
Bipindi, 10 km W: 19 2/12: Peterson, Randolph L.: ROM: 1 [1 - 1] - 19 2/18: Peterson, Randolph L.: ROM: 1 [1 - 1] - 19 2/19: Peterson, Randolph L., Glen, R. and Imbanyi, P.: ROM: 1 [1 - 1 - 3].
Bipindi, Kribi, Bez: Collection Date Unknown: Sjöstedt, Y.: ZMB: 1 [1]; Zenker: ZMB: 47 [47 - 48 - 48].
Bitye: 19 0/17: Bates, G.L.: BMNH: 1 [1 - 1] - Collection Date Unknown: Bates, G.L.: BMNH: 3, RMCA: 1 [4]; Bates, G.L. and Rosenberg, G.: ZMB: 1 [1]; ex Museum London, durch Rosenberg: ZMB: 1 [1]; Rosenberg: ZMB: 1 [1]; Rosenberg, W.F.H.: ZFMK: 1 [1 - 8] - 19 1/19: Bates, G.L.: BMNH: 1 [1 - 1] - 19 1/24: Bates, G.L.: BMNH: 1 [1 - 1] - 19 2/03: Bates, G.L.: BMNH: 1 [1 - 1] - 19 2/06: Bates, G.L.: BMNH: 1 [1 - 1] - 19 2/11: Bates, G.L.: RMCA: 1 [1 - 1] - 19 2/16: Bates, G.L. and Rosenberg, G.: RMCA: 1 [1 - 1] - 19 2/18: Bates, G.L. and Rosenberg, G.: BMNH: 1 [1 - 1] - 19 2/20: Bates, G.L.: BMNH: 1 [1 - 1] - 19 2/23: Wernham, J. or G.: BMNH: 1 [1 - 1] - 19 2/24: Bates, G.L.: RMCA: 1 [1 - 1] - 19 3/04: Wernham, J. or G.: BMNH: 1 [1 - 1] - 19 3/22: Bates, G.L.: BMNH: 1 [1 - 1] - 19 3/28: Bates, G.L.: BMNH: 1 [1 - 1] - 19 4/08: Bates, G.L.: BMNH: 1 [1 - 1] - 19 4/10: Wernham, J. or G.: BMNH: 1 [1 - 1] - 19 5/20: Bates, G.L.: BMNH: 1 [1 - 1] - 19 5/24: Bates, G.L. and Rosenberg, G.: BMNH: 1 [1 - 1] - 19 5/29: Bates, G.L.: BMNH: 1 [1 - 1] - 19 6/05: Bates, G.L.: RMCA: 1 [1 - 1] - 19 8/11: Bates, G.L.: RMCA: 1 [1 - 1] - 19 8/13: Bates, G.L.: BMNH: 1 [1 - 1] - 19 9/03: Bates, G.L.: BMNH: 2 [2 - 2] - 19 9/23: Bates, G.L.: RMCA: 1 [1 - 1 - 33].
Bonge: Collection Date Unknown: Sjöstedt, Y.: ZMB: 3 [3 - 3 - 3].
Bosum [syn Bozum], Uam: Collection Date Unknown: Tessmann: ZMB: 8 [8 - 8 - 8].
Bota: 19 1/01: Jones, Theo Simpson: BMNH: 1 [1 - 1 - 1].
Buea: Collection Date Unknown: ?: Collector Unknown: ZMB: 1 [1]; Eisentraut, Martin: ZMB: 5 [5]; Preuss: ZMB: 2 [2 - 8] - 19 1/06: Eisentraut, Martin: ZFMK: 1 [1 - 1] - 19 5/18: ?: Collector Unknown: ROM: 1 [1 - 1 - 10].
Cameroon: Collection Date Unknown: ?: Collector Unknown: RMCA: 2 [2]; Louette, Michel and Puyllaert, Firmin: RMCA: 2 [2]; Phillipart: RMCA: 2 [2 - 6] - 19 9/03: Hulselmans, Jan; Louette, Michel and Selens, M.: RMCA: 1 [1 - 1 - 7].
Camp II: 19 1/30: ?: Collector Unknown: ZFMK: 1 [1 - 1 - 1].
Camp III: 19 1/05: Eisentraut, Martin: ZFMK: 1 [1 - 1] - 19 1/07: Eisentraut, Martin: ZFMK: 1 [1 - 1 - 2].
Camp IV: 19 1/30: Eisentraut, Martin: ZFMK: 1 [1 - 1] - 19 1/31: Eisentraut, Martin: ZFMK: 1 [1 - 1 - 2].
Camp V: 19 2/18: Eisentraut, Martin: ZFMK: 1 [1 - 1] - 19 2/23: Eisentraut, Martin: ZFMK: 1 [1 - 1 - 2].
Camp V, Mueli: 19 2/10: Eisentraut, Martin: ZFMK: 1 [1 - 1 - 1].
Campevent du Grand Capitaine: 19 8/18: De Vree, Frits; Hulselmans, Jan; and Gevaerts: RMCA: 1 [1 - 1 - 1].
Campo: Collection Date Unknown: ?: Collector Unknown: RMCA: 6 [6 - 6 - 6].
Dimako: Collection Date Unknown: ?: Collector Unknown: RMCA: 9 [9 - 9 - 9].
Dja river: 19 1/23: Bates, G.L.: BMNH: 1 [1 - 1 - 1].
Djohong: 19 8/03: De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 1 [1 - 1] - 19 9/03: ?: Collector Unknown: RMCA: 6 [6 - 6] - 19 9/04: ?: Collector Unknown: RMCA: 33 [33 - 33] - 19 9/05: ?: Collector Unknown: RMCA: 25 [25 - 25] - 19 9/06: ?: Collector Unknown: RMCA: 1 [1 - 1 - 66].
Ebogo: Collection Date Unknown: ?: Collector Unknown: RMCA: 3 [3 - 3 - 3].
Ebolowa: Collection Date Unknown: Schwab, G. (Rév.): MCZ: 4 [4 - 4] - 19 3/27: ?: Collector Unknown: CM: 1 [1 - 1 - 5].

- Edéa:** Collection Date Unknown: Rohde: ZMB: 5 [5 - 5 - 5].
- Efulen:** Collection Date Unknown: Bates, G.L.: BMNH: 8 [8 - 8] - 19 7/24: Bates, G.L.: BMNH: 1 [1 - 1] - 19 8/14: Bates, G.L.: BMNH: 1 [1 - 1 - 10].
- Ekona [=Ekowa]:** 19 7/07: Ngam, V.N.: ROM: 2 [2 - 2 - 2].
- Eseka:** Collection Date Unknown: ?: Collector Unknown: RMCA: 1 [1 - 1] - 19 6/23: Robbins, Lynn W.: AMNH: 1 [1 - 1] - 19 6/24: Robbins, Lynn W.: CM: 1 [1 - 1 - 3].
- Eseka, 3 km S, 3 km W:** 19 8/11: Schlitter, Duane A. (dr.): CM: 1 [1 - 1] - 19 8/13: Robbins, Lynn W.: CM: 1 [1]; Robbins, Lynn W. and Robbins, R. Laurie: CM: 2 [2 - 3 - 4].
- Eseka, 5 km SW:** 19 6/30: Robbins, Lynn W.: AMNH: 1 [1 - 1 - 1].
- Eseka, 9 km N:** Collection Date Unknown: ?: Collector Unknown: AMNH: 1 [1 - 1 - 1].
- Eshobi:** 19 1/21: Sanderson, Ivan T.: BMNH: 2 [2 - 2 - 2].
- Fenda:** Collection Date Unknown: Schultze, A. (Hesz A.F.M. Exp 1910/11): SMF: 1 [1 - 1 - 1].
- Foulassi:** 19 1/03: Perret, J.L.: MHNG: 1 [1 - 1] - 19 1/30: Perret, J.L.: MHNG: 1 [1 - 1] - 19 2/03: Perret, J.L.: MHNG: 1 [1 - 1] - 19 2/14: Perret, J.L.: MHNG: 1 [1 - 1] - 19 2/23: Perret, J.L.: MHNG: 2 [2 - 2] - 19 3/12: Perret, J.L.: MHNG: 1 [1 - 1] - 19 4/24: Perret, J.L.: MHNG: 1 [1 - 1] - 19 6/14: Perret, J.L.: MHNG: 1 [1 - 1 - 9].
- Galim:** 19 8/17: ?: Collector Unknown: RMCA: 2 [2 - 2] - 19 8/19: De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 1 [1 - 1] - 19 8/26: ?: Collector Unknown: RMCA: 2 [2 - 2 - 5].
- Garoua, 24 km S, 13 km E:** 19 7/22: Robbins, Lynn W.: CM: 1 [1 - 1 - 1].
- Gueme:** 19 1/23: De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 86 [86 - 86] - 19 1/27: De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 49 [49 - 49 - 135].
- Huki:** Collection Date Unknown: Sjöstedt, Y.: ZMB: 1 [1 - 1 - 1].
- Ikare Plantation:** Collection Date Unknown: ?: Collector Unknown: RMCA: 1 [1 - 1 - 1].
- Indian Estates:** Collection Date Unknown: Jones, Theo Simpson: BMNH: 2 [2 - 2 - 2].
- Isongo [=Izongo]:** Collection Date Unknown: Eisentraut, Martin: ZMB: 19 [19 - 19 - 19].
- Jauro Masali:** Collection Date Unknown: ?: Collector Unknown: SMNS: 5, ZFMK: 5 [10 - 10 - 10].
- Johan-Albrechtshöhe:** Collection Date Unknown: Conradt: ZMB: 1 [1 - 1 - 1].
- Klein Batonga:** Collection Date Unknown: Kaiser: ZMB: 1 [1 - 1 - 1].
- Koza:** 19 9/12: Hulselmans, Jan and Louette, Michel: RMCA: 1 [1 - 1] - 19 9/13: Hulselmans, Jan and Louette, Michel: RMCA: 1 [1 - 1] - 19 9/14: Hulselmans, Jan and Louette, Michel: RMCA: 1 [1 - 1] - 19 9/18: Hulselmans, Jan and Louette, Michel: RMCA: 2 [2 - 2] - 19 9/19: Hulselmans, Jan and Louette, Michel: RMCA: 2 [2 - 2] - 19 9/20: Hulselmans, Jan and Louette, Michel: RMCA: 1 [1 - 1 - 8].
- Kribi:** Collection Date Unknown: Morgen: ZMB: 1 [1 - 1] - 19 1/14: Aellen, Villy and Monard, A.: MHNG: 1 [1 - 1 - 2].
- Kribi, 14 km N:** 19 2/21: Peterson, Randolph L.: ROM: 2 [2 - 2 - 2].
- Kribi, 4 km E:** 19 2/20: Peterson, Randolph L.: ROM: 1 [1 - 1 - 1].
- Kribi, 7 km E:** 19 2/20: Peterson, Randolph L.: ROM: 1 [1 - 1 - 1].
- Kribi, 9 km N:** 19 2/21: Peterson, Randolph L.: ROM: 2 [2 - 2 - 2].
- Kumba:** Collection Date Unknown: ?: Collector Unknown: ROM: 2 [2 - 2] - 19 1/22: Peterson, Randolph L.: ROM: 3 [3 - 3 - 5].
- Kumba, 15 km S:** Collection Date Unknown: ?: Collector Unknown: ROM: 1 [1 - 1] - 19 1/25: Peterson, Randolph L.: ROM: 1 [1 - 1 - 2].
- Kumba, 19 km S:** 19 0/27: Wilson, Don E.: USNM: 1 [1 - 1 - 1].
- Kundja [=Koundja]:** Collection Date Unknown: ?: Collector Unknown: ZMB: 2 [2 - 2 - 2].
- Limbe:** 19 2/27: Jones, Theo Simpson: BMNH: 1 [1 - 1 - 1].
- Lolodorf:** 19 6/04: Good, A.I.: CM: 1 [1 - 1] - 19 8/02: Good, A.I.: CM: 1 [1 - 1 - 2].
- Lomie:** Collection Date Unknown: ?: Collector Unknown: ROM: 1 [1 - 1 - 1].
- Lomie district:** Collection Date Unknown: ?: Collector Unknown: RMCA: 1 [1]; Merfield, F.G.: BMNH: 1 [1 - 2 - 2].
- Lomie, 40 km N:** Collection Date Unknown: ?: Collector Unknown: ROM: 1 [1 - 1 - 1].
- Longji:** Collection Date Unknown: Paschen: ZMB: 1 [1 - 1 - 1].
- Lulu:** Collection Date Unknown: ex Museum London: ZMB: 1 [1 - 1 - 1].
- Lumbindu:** 19 5/31: Merfield, F.G.: BMNH: 1 [1 - 1 - 1].
- Malanga:** Collection Date Unknown: Melchow: ZMB: 1 [1 - 1 - 1].
- Malende Swamp area:** 19 2/08: Eisentraut, Martin: SMNS: 1, ZFMK: 2 [3 - 3] - 19 2/10: Ngam, V.N.: ROM: 4 [4 - 4] - 19 2/10: Eisentraut, Martin: ZFMK: 1 [1 - 1 - 8].
- Mamfe:** Collection Date Unknown: Mack: ZMB: 1 [1]; Sanderson, Ivan T.: BMNH: 1 [1 - 2] - 19 2/10: Sanderson, Ivan T.: BMNH: 1 [1 - 1] - 19 2/10: LeDuc, J.W.: USNM: 15 [15 - 15 - 18].
- Mamfe, 12 km SE:** 19 2/05: Robbins, Lynn W.: AMNH: 1 [1 - 1 - 1].
- Mang:** Collection Date Unknown: ?: Collector Unknown: RMCA: 9 [9 - 9 - 9].
- Mangamba:** 19 2/08: Ngam, V.N.: ROM: 1 [1 - 1] - 19 2/13: Ngam, V.N.: ROM: 2 [2 - 2] - 19 2/20: Ngam, V.N.: ROM: 1 [1 - 1 - 4].
- Marua:** 19 5/13: Herzog, A.T.M.: SMF: 1 [1 - 1 - 1].
- Mawutu Village:** Collection Date Unknown: ?: Collector Unknown: ROM: 2 [2 - 2 - 2].
- Mbakaou:** 19 4/16: Robbins, Lynn W. and Thys Van den Audenaerde, Dirk: RMCA: 1 [1 - 1] - 19 4/17: Robbins, Lynn W. and Thys Van den Audenaerde, Dirk: RMCA: 1 [1 - 1 - 2].
- Mbonge:** 19 1/16: Jones, Theo Simpson: BMNH: 1 [1 - 1 - 1].
- Méséa:** Collection Date Unknown: ?: Collector Unknown: RMCA: 5 [5 - 5 - 5].
- Metet:** Collection Date Unknown: Schwab, G. (Rév.): MCZ: 2 [2 - 2 - 2].
- Meyo Nkoulou:** Collection Date Unknown: ?: Collector Unknown: RMCA: 23 [23 - 23] - 19 3/25: Robbins, Lynn W. and Thys Van den Audenaerde, Dirk: RMCA: 1 [1 - 1] - 19 3/27: Robbins, Lynn W. and Thys Van den Audenaerde, Dirk: RMCA: 1 [1 - 1 - 25].
- Mieri:** Collection Date Unknown: ?: Collector Unknown: RMCA: 19 [19 - 19 - 19].
- Mintjamyumin:** 19 3/25: Perret, J.L.: ZFMK: 1 [1 - 1 - 1].
- Moba [stream]:** Collection Date Unknown: ?: Collector Unknown: ZMB: 1 [1 - 1 - 1].
- Mobange-Isongo:** 19 3/03: Eisentraut, Martin: SMNS: 2 [2 - 2] - 19 3/09: Eisentraut, Martin: SMNS: 3 [3 - 3 - 5].
- Mokolo:** Collection Date Unknown: ?: Collector Unknown: RMCA: 12 [12 - 12] - 19 2/15: ?: Collector Unknown: RMCA: 1 [1 - 1] - 19 2/16: ?: Collector Unknown: RMCA: 1 [1 - 1] - 19 2/17: ?: Collector Unknown: RMCA: 6 [6 - 6] - 19 2/18: ?: Collector Unknown: RMCA: 5 [5]; De Vree, Frits: RMCA: 1 [1]; De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 1 [1 - 7] - 19 2/19: ?: Collector Unknown: RMCA: 2 [2]; De Vree, Frits; Hulselmans, Jan; and Gevaerts: RMCA:

- 1 [1 - 3] - 19 2/21: ? : Collector Unknown: RMCA: 1 [1 - 1 - 31].
- Mount Cameroon:** Collection Date Unknown: ? : Collector Unknown: BMNH: 1 [1 - 1 - 1].
- Mubange [=Mobange-Isongo]:** Collection Date Unknown: Eisentraut, Martin: ZMB: 2 [2 - 2 - 2].
- Mukonje:** Collection Date Unknown: Eisentraut, Martin: ZMB: 13 [13 - 13 - 13].
- Mungo Anchoncho [Moungo river?]:** Collection Date Unknown: Buchholz: ZMB: 5 [5 - 5 - 5].
- Murkoryé:** Collection Date Unknown: Rhode: MHNG: 1 [1 - 1 - 1].
- Muyuna Town:** 19 6/29: Ngam, V.N.: ROM: 1 [1 - 1 - 1].
- MVE II, cave:** Collection Date Unknown: ? : Collector Unknown: ROM: 6 [6 - 6 - 6].
- Ndian [river]:** Collection Date Unknown: Sjöstedt, Y.: ZMB: 3 [3 - 3 - 3].
- Ndjole, 4 km N:** Collection Date Unknown: Peterson, Randolph L.: ROM: 1 [1 - 1 - 1].
- Ndjole, 6 km N:** Collection Date Unknown: Peterson, Randolph L.: ROM: 1 [1 - 1] - 19 2/10: Peterson, Randolph L.: ROM: 1 [1 - 1 - 2].
- Ngaouyanga:** 19 7/11: Monard, A. (Dr.) and Aellen, Villy: MHNC: 1 [1 - 1] - 19 7/18: Aellen, Villy: MHNG: 1 [1 - 1 - 2].
- Ngam:** 19 1/08: Perret, J.L.: ZFMK: 1 [1 - 1] - 19 2/10: Perret, J.L.: MHNG: 1 [1 - 1 - 2].
- Ngaoundere:** 19 7/14: Williams, S.H.: CM: 1 [1 - 1 - 1].
- Ngaoundere, 13 km S:** 19 7/17: Robbins, Lynn W.: CM: 1 [1 - 1 - 1].
- Ngaoundere, 14 km S:** 19 4/06: Robbins, Lynn W.: AMNH: 1 [1 - 1 - 1].
- Ngia:** Collection Date Unknown: Houy: ZMB: 1 [1 - 1 - 1].
- Njombo River:** Collection Date Unknown: ? : Collector Unknown: ROM: 7 [7 - 7 - 7].
- Nkometou:** Collection Date Unknown: ? : Collector Unknown: RMCA: 4 [4 - 4] - 19 1/13: De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 2 [2 - 2 - 6].
- Nkouden:** Collection Date Unknown: ? : Collector Unknown: RMCA: 1 [1 - 1 - 1].
- no specific locality:** Collection Date Unknown: ? : Collector Unknown: ZMB: 1 [1]; Buchholz: ZMB: 4 [4]; Conradt: ZMB: 1 [1]; Haberer: ZMB: 7 [7]; Martienssen: ZMB: 1 [1]; Preuss: ZMB: 2 [2]; Reichenow: ZMB: 1 [1]; Riggensbach: ZMB: 2 [2]; Stift: ZMB: 1 [1]; Strunck: ZMB: 1 [1]; Zenker: ZMB: 4 [4 - 25 - 25].
- Nsannakang [=Nsanakang]:** Collection Date Unknown: Diehl, E. (Dr.): ZMB: 4 [4 - 4 - 4].
- Nyasoso:** 19 2/14: Eisentraut, Martin: ZFMK: 1 [1 - 1 - 1].
- Obala, 12 km S, 4 km E:** Collection Date Unknown: ? : Collector Unknown: ROM: 2 [2 - 2 - 2].
- Obala, 30 km N, 40 km E:** 19 7/04: Robbins, Lynn W. and Robbins, R. Laurie: CM: 1 [1 - 1 - 1].
- Obala, 82 km NE:** Collection Date Unknown: ? : Collector Unknown: AMNH: 1 [1 - 1 - 1].
- Olounou:** 19 9/12: Asselberg, Rob; Puylaert, Firmin and Elsen, P.: RMCA: 1 [1 - 1 - 1].
- Ossa, Lake:** Collection Date Unknown: Rhode: ZMB: 1 [1 - 1 - 1].
- Ossidinge [=Mamfe]:** Collection Date Unknown: Mansfeld: ZMB: 9 [9 - 9 - 9].
- Oveng:** Collection Date Unknown: ? : Collector Unknown: RMCA: 6 [6 - 6 - 6].
- Poli:** Collection Date Unknown: ? : Collector Unknown: RMCA: 1 [1 - 1] - 19 8/08: De Vree, Frits: RMCA: 2 [2 - 2] - 19 8/09: De Vree, Frits; Hulselmans, Jan; and Gevaerts: RMCA: 1 [1 - 1] - 19 8/12: De Vree, Frits; Hulselmans, Jan; and Gevaerts: RMCA: 1 [1 - 1 - 5].
- Rei Bouba:** 19 9/16: Aellen, Villy: MHNG: 1 [1 - 1 - 1].
- Sakbayeme:** Collection Date Unknown: Schwab, G.: MCZ: 1 [1 - 1 - 1].
- Sangmelima:** Collection Date Unknown: Rolle, Hermann: ZMB: 1 [1 - 1] - 19 5/03: Good, A.I.: CM: 1 [1 - 1 - 2].
- Sir:** 19 2/12: De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 1 [1 - 1] - 19 2/13: De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 7 [7 - 7 - 8].
- Tello:** Collection Date Unknown: Hulselmans, Jan; Louette, Michel and Selens, M.: RMCA: 1 [1 - 1 - 1].
- Tibati:** Collection Date Unknown: ? : Collector Unknown: RMCA: 2 [2 - 2 - 2].
- Tisongo, Lake:** 19 1/10: Wilson, Don E.: USNM: 1 [1 - 1] - 19 1/12: Wilson, Don E.: USNM: 3 [3 - 3] - 19 1/13: Wilson, Don E.: USNM: 1 [1 - 1] - 19 1/15: Wilson, Don E.: USNM: 1 [1 - 1 - 6].
- Tombel:** Collection Date Unknown: Eisentraut, Martin: ZMB: 1 [1 - 1 - 1].
- Touroua:** Collection Date Unknown: ? : Collector Unknown: RMCA: 1 [1 - 1] - 19 1/10: Louette, Michel and Puylaert, Firmin: RMCA: 1 [1 - 1] - 19 1/11: Louette, Michel and Puylaert, Firmin: RMCA: 1 [1 - 1] - 19 1/12: Louette, Michel and Puylaert, Firmin: RMCA: 1 [1 - 1] - 19 1/16: Louette, Michel and Puylaert, Firmin: RMCA: 1 [1 - 1 - 5].
- Victoria:** Collection Date Unknown: Böttcher: ZMB: 1 [1]; Hesselbarth: ZMB: 1 [1]; Krone: ZMB: 1 [1]; Preuss: ZMB: 29 [29]; Strunck: ZMB: 2 [2 - 34] - 19 4/06: Rosevear, D.R. (dr.): BMNH: 1 [1 - 1 - 35].
- Wakwa:** 19 7/18: ? : Collector Unknown: RMCA: 1 [1 - 1] - 19 7/19: ? : Collector Unknown: RMCA: 1 [1 - 1 - 2].
- Waza:** Collection Date Unknown: ? : Collector Unknown: RMCA: 19 [19]; Böhme, W. and Hartwig: ZFMK: 2 [2]; De Vree, Frits: RMCA: 3 [3]; De Vree, Frits; Hulselmans, Jan; and Gevaerts: RMCA: 1 [1]; Puylaert, Firmin: RMCA: 4 [4 - 29] - 19 1/01: De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 1 [1 - 1] - 19 2/11: Böhme, W. and Hartwig: ZFMK: 5 [5 - 5] - 19 2/12: Böhme, W. and Hartwig: ZFMK: 10 [10 - 10] - 19 2/27: ? : Collector Unknown: RMCA: 3 [3]; De Vree, Frits: RMCA: 1 [1 - 4] - 19 2/28: ? : Collector Unknown: RMCA: 1 [1]; De Vree, Frits: RMCA: 1 [1]; De Vree, Frits; Hulselmans, Jan; and Gevaerts: RMCA: 11 [11]; De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 1 [1 - 14] - 19 2/29: De Vree, Frits: RMCA: 1 [1 - 1] - 19 2/30: ? : Collector Unknown: RMCA: 14 [14]; De Vree, Frits: RMCA: 5 [5 - 19] - 19 2/31: ? : Collector Unknown: RMCA: 1 [1 - 1] - 19 7/26: De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 1 [1 - 1] - 19 7/27: De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 1 [1 - 1] - 19 7/29: De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 2 [2 - 2] - 19 8/24: De Vree, Frits: RMCA: 3 [3]; De Vree, Frits; Hulselmans, Jan; and Gevaerts: RMCA: 1 [1 - 4] - 19 8/25: De Vree, Frits: RMCA: 1 [1]; De Vree, Frits; Hulselmans, Jan; and Gevaerts: RMCA: 3 [3 - 4] - 19 8/26: De Vree, Frits: RMCA: 3 [3]; De Vree, Frits; Hulselmans, Jan; and Gevaerts: RMCA: 1 [1 - 4] - 19 8/28: De Vree, Frits: RMCA: 1 [1 - 1] - 19 8/29: De Vree, Frits: RMCA: 3 [3 - 3] - 19 8/30: De Vree, Frits: RMCA: 1 [1 - 1 - 105].
- Waza, 35 km N:** 19 2/08: Böhme, W. and Hartwig: ZFMK: 2 [2 - 2] - 19 2/09: Böhme, W. and Hartwig: ZFMK: 17 [17 - 17 - 19].
- Yagoua:** Collection Date Unknown: ? : Collector Unknown: RMCA: 71 [71]; Puylaert, Firmin: RMCA: 9 [9 - 80] - 19 1/30: De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 1 [1 - 1] - 19 2/01: ? : Collector Unknown: RMCA: 1 [1]; De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 2 [2 - 3] - 19 2/02: ? : Collector Unknown: RMCA: 2 [2]; De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 1 [1 - 3] - 19 2/03: ? : Collector Unknown: RMCA: 12 [12]; De Vree, Frits: RMCA: 1 [1 - 13] - 19 2/04: De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 2 [2 - 2] - 19 8/03: De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 1 [1 - 1] - 19 8/04: De Vree, Frits; Hulselmans, Jan; and Gevaerts: RMCA: 1 [1 - 1] - 19 8/05: Puylaert, Firmin: RMCA: 8 [8 - 8] - 19 8/06: Asselberg, Rob; Puylaert, Firmin and Elsen, P.: RMCA: 1 [1]; De Vree, Frits; Verheyen, Walter, N. and Selens, M.: RMCA: 1 [1]; Puylaert, Firmin: RMCA: 5

[5 - 7] - 19 8/07: Puylaert, Firmin: RMCA: 2 [2 - 2] - 19 9/03: De Vree, Frits: RMCA: 1 [1 - 1] - 19 9/04: ? : Collector Unknown: RMCA: 2 [2]; De Vree, Frits: RMCA: 3 [3]; De Vree, Frits; Hulselmans, Jan; and Gevaerts: RMCA: 13 [13 - 18] - 19 9/05: ? : Collector Unknown: RMCA: 1 [1]; De Vree, Frits; Hulselmans, Jan; and Gevaerts: RMCA: 12 [12 - 13] - 19 9/07: ? : Collector Unknown: RMCA: 3 [3]; De Vree, Frits: RMCA: 7 [7]; De Vree, Frits; Hulselmans, Jan; and Gevaerts: RMCA: 3 [3 - 13] - 19 9/08: ? : Collector Unknown: RMCA: 1 [1 - 1] - 19 9/09: De Vree, Frits: RMCA: 1 [1 - 1 - 168].

Yaoundé: Collection Date Unknown: Carnap-Querheimb: ZMB: 1 [1]; Haberer: ZMB: 4 [4]; Zenker: ZMB: 5 [5 - 10 - 10].

Yaoundé, 16 km S, 2 km E: 19 8/06: Schlitter, Duane A. (dr.) and Williams, S.L.: CM: 1 [1]; Williams, S.L.: CM: 1 [1 - 2] - 19 8/08: Schlitter, Duane A. (dr.): CM: 1 [1]; Schlitter, Duane A. (dr.) and Williams, S.L.: CM: 2 [2]; Williams, S.L.: CM: 2 [2 - 5 - 7].

Yaoundé, 23 km S, 1 km E: 19 8/08: Robbins, Lynn W.: CM: 1 [1]; Robbins, Lynn W. and Robbins, R. Laurie: CM: 4 [4 - 5 - 5].

Yaoundé, 25 km S 3 km E: 19 8/06: Robbins, Lynn W. and Robbins, R. Laurie: CM: 1 [1 - 1 - 1].

Yaoundé, 7 km S, 8 km W: 19 7/07: Robbins, Lynn W.: CM: 1 [1]; Robbins, Lynn W. and Robbins, R. Laurie: CM: 4 [4]; Williams, S.L.: CM: 1 [1 - 6] - 19 8/04: Schlitter, Duane A. (dr.) and Williams, S.L.: CM: 2 [2 - 2] - 19 8/07: Robbins, Lynn W. and Robbins, R. Laurie: CM: 1 [1]; Schlitter, Duane A. (dr.) and Williams, S.L.: CM: 1 [1 - 2 - 10].

Yaoundé, 9 km S, 10 km W: 19 6/28: Robbins, Lynn W.: CM: 1 [1]; Robbins, Lynn W. and Robbins, R. Laurie: CM: 11 [11]; Robbins, Lynn W. and Williams, S.L.: CM: 2 [2 - 14 - 14].

Yoko, 34 km S: 19 2/09: Peterson, Randolph L.: ROM: 1 [1 - 1 - 1].

Yoko, 4 km S: Collection Date Unknown: ? : Collector Unknown: ROM: 1 [1 - 1 - 1].

Zoulabot II: Collection Date Unknown: ? : Collector Unknown: RMCA: 2 [2 - 2 - 2].

Total Specimens for Cameroon: 1192

Canary Islands [Spain]

La Guancha, "Barranco de La Cantera": 19 9/01: MNHN: 1 [1 - 1 - 1].

La Palma: Collection Date Unknown: ? : Collector Unknown: BMNH: 1 [1 - 1 - 1].

Orotava: 18 4/03: Gomez, R.: BMNH: 1 [1 - 1 - 1].

Total Specimens for Canary Islands [Spain]: 3

Cape Verde

Fogo island: Collection Date Unknown: BMNH: 2, MZUF: 2, USNM: 1 [5]; Foa, L.: USNM: 1 [1 - 6 - 6].

Maio island: Collection Date Unknown: ? : Collector Unknown: MNHN: 2 [2 - 2 - 2].

Maio island, Vila do Maio: Collection Date Unknown: ? : Collector Unknown: MNHN: 1 [1 - 1 - 1].

Santiago island, Pedra Badejo: Collection Date Unknown: ? : Collector Unknown: MNHN: 3 [3 - 3 - 3].

Santiago island, Trindade: Collection Date Unknown: ? : Collector Unknown: MNHN: 1 [1 - 1 - 1].

Santo Antão island, Ribeira Grande: Collection Date Unknown: ? : Collector Unknown: MZUF: 2 [2 - 2 - 2].

São Vicente island: Collection Date Unknown: ? : Collector Unknown: MZUF: 3 [3 - 3 - 3].

Total Specimens for Cape Verde: 18

Central African Republic

Badingua: 19 0/01: SMF: 2 [2 - 2] - 19 6/18: Spinage, C.A. (dr.): BMNH: 1 [1 - 1 - 3].

Bamingui: 19 6/20: Spinage, C.A. (dr.): BMNH: 2 [2 - 2 - 2].

Bangui: Collection Date Unknown: ? : Collector Unknown: MNHN: 2 [2]; Chippaux, dr.: MNHN: 3 [3]; Institut Pasteur: MNHN: 1 [1 - 6] - 19 1/07: Chippaux, dr.: MNHN: 6 [6 - 6] - 19 1/27: Chippaux, dr.: MNHN: 2 [2 - 2] - 19 7/15: Chippaux, dr.: MNHN: 1 [1 - 1 - 15].

Boukoko: Collection Date Unknown: Pujol, R.: MNHN: 3 [3 - 3 - 3].

Central African Republic: 19 1/01: Taufflieb, R.: MNHN: 1 [1 - 1 - 1].

Gounda camp: 19 0/09: Buchanan, S.A.: CM: 3 [3 - 3] - 19 0/13: Buchanan, S.A.: CM: 9 [9 - 9] - 19 0/14: Buchanan, S.A.: CM: 7 [7 - 7] - 19 6/17: Buchanan, S.A.: CM: 1 [1 - 1] - 19 6/18: ? : Collector Unknown: CM: 2 [2 - 2 - 22].

Koumbala Camp: 19 0/02: Buchanan, S.A.: CM: 1 [1 - 1] - 19 0/24: Buchanan, S.A.: CM: 3 [3 - 3] - 19 0/25: Buchanan, S.A.: CM: 1 [1 - 1] - 19 6/24: Buchanan, S.A.: CM: 1 [1 - 1] - 19 6/29: Buchanan, S.A.: CM: 2 [2 - 2 - 8].

Koumbala Camp, 11.5 km NW: 19 0/26: Buchanan, S.A.: CM: 1 [1 - 1 - 1].

M'Baikie: 19 2/10: Robbins, Lynn W.: CM: 4 [4 - 4] - 19 2/12: Robbins, Lynn W.: CM: 2 [2 - 2 - 6].

Ndele and Vakaga, between: 19 0/21: Buchanan, S.A.: CM: 1 [1 - 1 - 1].

Ngotto forest: Collection Date Unknown: ? : Collector Unknown: Rennes: 1 [1 - 1 - 1].

Ouham area: 19 0/31: Baudon, A.: MNHN: 1 [1 - 1 - 1].

Yabanda-Mpoko: 19 2/01: Dubowsky, J.: MNHN: 1 [1 - 1 - 1].

Total Specimens for Central African Republic: 65

Chad

Bebedjia: Collection Date Unknown: ZMA: 8 [8]; Lourens, J.H.: ZMA: 1 [1 - 9] - 19 7/17: ? : Collector Unknown: ZMA: 2 [2]; Lourens, J.H.: ZMA: 9 [9 - 11] - 19 8/13: ? : Collector Unknown: ZMA: 1 [1]; Lourens, J.H.: ZMA: 1 [1 - 2] - 19 8/19: ? : Collector Unknown: ZMA: 1 [1 - 1] - 19 8/20: Lourens, J.H.: ZMA: 1 [1 - 1] - 19 8/21: ? : Collector Unknown: ZMA: 1 [1 - 1 - 25].

Chari delta: 19 2/01: Herzog, A.T.M.: SMF: 1 [1 - 1 - 1].

Djiboulboul: Collection Date Unknown: Vieliard, J.: MHNG: 3 [3 - 3] - 19 1/10: Vieliard, J.: MHNG: 2 [2 - 2] - 19 3/03: Vieliard, J.: MHNG: 3 [3 - 3 - 8].

Fort Archambault: Collection Date Unknown: Schubolz, H.: SMF: 2 [2 - 2] - 19 4/26: Webber, W.A.: USNM: 1 [1 - 1] - 19 7/26:

Vielliard, J.: MHNG: 1 [1 - 1 - 4].
Goré: Collection Date Unknown: Houy, Lagone, Grenz: ZMB: 1 [1 - 1 - 1].
Guidari: Collection Date Unknown: Weber, W.: USNM: 2 [2 - 2] - 19 6/02: Carter: AMNH: 3 [3 - 3 - 5].
Irtou: 19 3/18: Vielliard, J.: MHNG: 1 [1 - 1 - 1].
Kyabe: Collection Date Unknown: Barton, O.: AMNH: 1 [1 - 1 - 1].
Léré: 19 2/11: Vielliard, J.: MHNG: 2 [2 - 2 - 2].
Mailao [3 locs]: 19 3/25: Vielliard, J.: MHNG: 1 [1 - 1 - 1].
Melfi: Collection Date Unknown: Mecklenburg, Adolf Fritz zu (Herzog): ZMH: 1 [1 - 1] - 19 4/20: Herzog, A.T.M.: SMF: 5 [5 - 5 - 6].
N'Djamena: Collection Date Unknown: Malbrant, R.: USNM: 2 [2 - 2] - 19 3/02: Malbrant, R.: USNM: 1 [1 - 1 - 3].
Tibesti: Collection Date Unknown: Tibesti Expedition: RMCA: 2 [2 - 2 - 2].

Total Specimens for Chad: 60

Chad?

Korkoru [=Korkoro ?]: Collection Date Unknown: ZMB: 1 [1 - 1 - 1].

Total Specimens for Chad?: 1

Comoro Islands

Anjouan island: Collection Date Unknown: BMNH: 1, ZMB: 1 [2]; Frank: ZMB: 1 [1]; Hildebrandt, J.M.: ZMB: 3 [3]; Humboldt: ZMB: 1 [1]; Peters: ZMB: 1 [1]; Peters, W.C.H.: ZMB: 1 [1]; Voeltzkow: ZMB: 7 [7 - 16 - 16].
Bambao: Collection Date Unknown: Voeltzkow: ZMB: 1 [1 - 1 - 1].
Comoro Islands: Collection Date Unknown: Hildebrandt, J.M.: ZMB: 1 [1]; Voeltzkow: ZMB: 1 [1 - 2 - 2].
Grand Comoro island: Collection Date Unknown: ? : Collector Unknown: BMNH: 1 [1]; Voeltzkow: ZMB: 4 [4 - 5 - 5].
Johanna Island [=Anjouan Island]: Collection Date Unknown: Frank: ZMB: 1 [1]; Mason: ZMB: 1 [1 - 2 - 2].
Mayotte [island]: Collection Date Unknown: Pollen: ZMB: 2 [2 - 2 - 2].
near Boboni: Collection Date Unknown: ? : Collector Unknown: ZFMK: 1 [1 - 1 - 1].
no specific locality: Collection Date Unknown: ? : Collector Unknown: BMNH: 3 [3 - 3 - 3].

Total Specimens for Comoro Islands: 32

Congo

Brazzaville: 19 1/07: MNHN: 1 [1]; Descarpentier, A. and Villiers, A.: MNHN: 1 [1 - 2] - 19 1/07: ? : Collector Unknown: MNHN: 1 [1 - 1] - 19 1/10: ? : Collector Unknown: MNHN: 1 [1 - 1] - 19 1/12: ? : Collector Unknown: MNHN: 1 [1 - 1] - 19 2/26: Bergmans, Wim: ZMA: 12 [12 - 12] - 19 6/20: Taufflieb, R.: MHNG: 1 [1 - 1 - 18].
Congo [Brazzaville]: Collection Date Unknown: Thollon, Mr.: MNHN: 1 [1 - 1 - 1].
Epena: 19 6/12: Schlitter, Duane A. (dr.): CM: 8 [8 - 8] - 19 6/13: Schlitter, Duane A. (dr.): CM: 11 [11 - 11 - 19].
Grotte de Doumboula: 19 6/19: Adam, Jean-Paul: MNHN: 1 [1 - 1 - 1].
Grotte du Viaduc: Collection Date Unknown: Adam, Jean-Paul: MNHN: 1 [1 - 1 - 1].
Inyanga: Collection Date Unknown: Payne-Smit, H.A.W.: ZMA: 1 [1 - 1 - 1].
Kouilou: 19 1/09: Adam, Jean-Paul: MNHN: 1 [1 - 1 - 1].
Kunda: Collection Date Unknown: Jones, Theo Simpson: HZM: 3 [3 - 3 - 3].
Loudima cave: 19 6/20: Taufflieb, R.: MHNG: 2 [2 - 2 - 2].
Majumba: Collection Date Unknown: Gilson, M.: RMCA: 1 [1]; Petit, F.: MNHN: 1 [1 - 2 - 2].
Mayumbe: Collection Date Unknown: ? : Collector Unknown: RMCA: 1 [1]; Gilson, M.: RMCA: 1 [1 - 2 - 2].
Oubangi: Collection Date Unknown: Othegraven: ZMB: 1 [1 - 1 - 1].
Pointe Noire: 19 0/31: Bergmans, Wim: ZMA: 3 [3 - 3] - 19 1/01: Bergmans, Wim: ZMA: 2 [2 - 2] - 19 1/02: Bergmans, Wim: ZMA: 1 [1 - 1] - 19 1/07: Bergmans, Wim: ZMA: 1 [1 - 1] - 19 1/14: Bergmans, Wim: ZMA: 1 [1 - 1] - 19 1/16: Bergmans, Wim: ZMA: 5 [5 - 5] - 19 1/20: Bergmans, Wim: ZMA: 1 [1 - 1] - 19 1/27: Bergmans, Wim: ZMA: 2 [2 - 2] - 19 1/28: Bergmans, Wim: ZMA: 2 [2 - 2] - 19 2/13: Bergmans, Wim: ZMA: 2 [2 - 2 - 20].
Tondu: 19 2/24: Schouteden, H.: RMCA: 6 [6 - 6 - 6].
Tschiloango [=Tchilounga]: Collection Date Unknown: Ansoorge, W.J. (dr.): ZMB: 1 [1 - 1 - 1].
Voka: 19 6/13: Schlitter, Duane A. (dr.): CM: 1 [1 - 1 - 1].

Total Specimens for Congo: 80

Congo (Democratic Republic of the)

: Collection Date Unknown: MCZ: 2 [2]; Verlaine: RMCA: 1 [1 - 3 - 3].
Aba: 19 2/13: ? : Collector Unknown: TM: 1 [1]; Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 2] - 19 2/15: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1] - 19 2/16: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1] - 19 2/17: Lang, Herbert and Chapin, James, P.: AMNH: 2 [2 - 2] - 19 2/18: Chapin, James P. and Lang, Herbert: AMNH: 1 [1 - 1] - 19 8/10: de Saeger, H. et al.: KBIN: 3 [3 - 3 - 10].
Abimva: 19 6/22: Schouteden, H.: RMCA: 2 [2 - 2] - 19 6/23: Schouteden, H.: RMCA: 4 [4 - 4 - 6].
Aka river: 19 5/16: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].
Aka-Inimvua confluence: 19 5/15: de Saeger, H. et al.: RMCA: 1 [1 - 1 - 1].
Albert Park: Collection Date Unknown: de Witte, G.F. et al.: RMCA: 1 [1]; Verschuren, Jacques: KBIN: 41 [41 - 42 - 42].
Albert, lake: 19 0/23: Carruthers, R.: BMNH: 2 [2 - 2 - 2].
Albertville [=Kalemie]: Collection Date Unknown: ? : Collector Unknown: RMCA: 5 [5]; Heck, J.: RMCA: 1 [1]; Royal Museum of Central Africa: BMNH: 1 [1 - 7] - 19 1/05: De Roo, Antoon: AMNH: 5 [5 - 5 - 12].
Alima: Collection Date Unknown: ? : Collector Unknown: RMCA: 1 [1 - 1] - 19 2/12: Dyleff, P.: RMCA: 1 [1 - 1] - 19 2/15: Dyleff,

- P.: RMCA: 2 [2 - 2 - 4].
- Ambarau:** Collection Date Unknown: Dewulf, H.: RMCA: 1 [1 - 1 - 1].
- Avakubi:** 19 0/30: ?: Collector Unknown: BMNH: 1 [1 - 1] - Collection Date Unknown: ?: Collector Unknown: AMNH: 1 [1]; Bequaert, J. (dr.): RMCA: 1 [1]; Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 3] - 19 1/21: Chapin, James P. and Lang, Herbert: RMCA: 1 [1 - 1] - 19 1/24: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1] - 19 2/13: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1] - 19 2/26: Chapin, James P. and Lang, Herbert: AMNH: 1 [1 - 1] - 19 8/15: Chapin, James P. and Lang, Herbert: RMCA: 1 [1 - 1] - 19 9/17: Christie, J. (dr.): RMCA: 1 [1 - 1 - 10].
- Babeke Isai River:** Collection Date Unknown: ?: Collector Unknown: HZM: 3 [3 - 3 - 3].
- Bafwabaka:** 19 1/05: Chapin, James P. and Lang, Herbert: RMCA: 1 [1 - 1 - 1].
- Bagbele:** 19 2/24: de Saeger, H. et al.: KBIN: 1 [1 - 1] - 19 4/03: de Saeger, H. et al.: KBIN: 3 [3 - 3] - 19 4/13: de Saeger, H. et al.: KBIN: 2 [2 - 2] - 19 4/15: de Saeger, H. et al.: RMCA: 1 [1 - 1] - 19 4/30: de Saeger, H. et al.: RMCA: 1 [1 - 1 - 8].
- Bagbele Moko:** 19 7/25: de Saeger, H. et al.: RMCA: 1 [1 - 1] - 19 7/26: de Saeger, H. et al.: KBIN: 25, RMCA: 17 [42 - 42 - 43].
- Bagisana:** 19 4/19: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].
- Bagunda:** 19 1/18: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].
- Bamanya:** Collection Date Unknown: Hulsart, R.P. and Leonet, R.P.: RMCA: 1 [1 - 1] - 19 3/20: Hutsebaut, J. (Rev. Fr.): RMCA: 1 [1 - 1 - 2].
- Bambesa:** 19 0/18: Vrijdagh, J.M.: RMCA: 1 [1 - 1] - Collection Date Unknown: ?: Collector Unknown: RMCA: 2 [2 - 2] - 19 4/24: Vrijdagh, J.M.: RMCA: 1 [1 - 1] - 19 6/22: Vrijdagh, J.M.: RMCA: 1 [1 - 1 - 5].
- Bambu:** Collection Date Unknown: ?: Collector Unknown: KBIN: 1 [1 - 1 - 1].
- Bamingni-Bangoran National Park [= Bamingui-Bangoran National Park]:** Collection Date Unknown: Spinage, C.A. (dr.): BMNH: 2 [2 - 2 - 2].
- Banana:** Collection Date Unknown: ?: Collector Unknown: SMF: 1 [1]; Anema, L.: ZMA: 1 [1]; Mesmaeckers, Is.: RMCA: 7 [7 - 9] - 18 1/01: Hesse, P.: SMF: 1 [1 - 1] - 19 4/12: Mesmaeckers, Is.: RMCA: 1 [1 - 1] - 19 7/25: Schouteden, H.: RMCA: 1 [1 - 1] - 19 8/26: Schouteden, H.: RMCA: 1 [1 - 1 - 13].
- Banana creek:** 19 4/20: MBizi, exp.: KBIN: 1 [1 - 1 - 1].
- Baraka:** Collection Date Unknown: Grauer, Rudolf: ZMB: 1 [1 - 1] - 19 4/16: ?: Collector Unknown: BMNH: 2 [2 - 2 - 3].
- Basongo:** 19 7/19: Schouteden, H.: RMCA: 2 [2 - 2 - 2].
- Bata:** Collection Date Unknown: ?: Collector Unknown: MNHN: 1 [1 - 1 - 1].
- Batala's Village:** 19 4/16: Heller, Edmund: ZMUC: 3 [3 - 3 - 3].
- Bela:** Collection Date Unknown: ?: Collector Unknown: KBIN: 1 [1 - 1 - 1].
- Beni:** Collection Date Unknown: Bonnevie, Lt.: RMCA: 1 [1 - 1] - 19 6/02: Bonnevie, Lt.: RMCA: 1 [1 - 1] - 19 8/08: Dent, R.E.: BMNH: 2 [2 - 2 - 4].
- Beno:** Collection Date Unknown: Bayet, P.: RMCA: 10 [10 - 10 - 10].
- Bikoro:** 19 2/27: Schouteden, H.: RMCA: 1 [1 - 1 - 1].
- Bitshumbi:** Collection Date Unknown: de Witte, G.F. et al.: RMCA: 3 [3 - 3 - 3].
- Biyonga:** 19 8/17: Dupuis, L.: RMCA: 1 [1 - 1 - 1].
- Boende:** Collection Date Unknown: Fain, Alexandre (Dr.) and Lootens, E.P.P.: RMCA: 1 [1]; Lootens, P. (Rev.): RMCA: 85 [85 - 86] - 19 3/15: Wijnant, E.P.: RMCA: 1 [1 - 1 - 87].
- Bokalakala:** 19 0/23: Garside, Rév. J.G.: RMCA: 1 [1 - 1 - 1].
- Bokuma:** Collection Date Unknown: ?: Collector Unknown: RMCA: 1 [1]; Lootens, P. (Rev.): RMCA: 48 [48 - 49] - 19 1/30: Lootens, P. (Rev.): RMCA: 2 [2 - 2] - 19 3/02: Lootens, P. (Rev.): RMCA: 4 [4 - 4] - 19 3/15: Lootens, P. (Rev.): RMCA: 1 [1 - 1] - 19 3/23: Lootens, P. (Rev.): RMCA: 2 [2 - 2] - 19 5/18: Lootens, P. (Rev.): RMCA: 1 [1 - 1] - 19 6/06: Lootens, P. (Rev.): RMCA: 1 [1 - 1] - 19 7/20: Lootens, P. (Rev.): RMCA: 1 [1 - 1] - 19 7/25: Lootens, P. (Rev.): RMCA: 1 [1 - 1 - 62].
- Bolobo:** Collection Date Unknown: Schouteden, H.: RMCA: 5 [5 - 5 - 5].
- Boma:** Collection Date Unknown: Bartevelle: RMCA: 1 [1]; Hesse, P.: SMF: 1 [1]; Mesmaeckers, Is.: RMCA: 2 [2]; Schwarz, Ernst (dr.): RMCA: 4 [4]; Styczynski: RMCA: 1 [1 - 9] - 19 1/26: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1] - 19 8/15: de Rodhain, J.: RMCA: 2 [2 - 2 - 12].
- Bosodula:** 19 0/25: Vrijdagh, J.M.: RMCA: 1 [1 - 1 - 1].
- Boteka:** 19 0/25: Lootens, P. (Rev.): RMCA: 1 [1 - 1] - Collection Date Unknown: Lootens, P. (Rev.): RMCA: 7 [7 - 7] - 19 8/26: Lootens, P. (Rev.): RMCA: 1 [1 - 1 - 9].
- Bugara:** 19 2/03: de Witte, G.F. et al.: RMCA: 9 [9 - 9 - 9].
- Buhatu valley:** Collection Date Unknown: ?: Collector Unknown: AMNH: 1 [1 - 1 - 1].
- Bukavu:** Collection Date Unknown: Prigogine, A.: RMCA: 1 [1 - 1 - 1].
- Buluku river:** 19 5/22: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].
- Bumba:** Collection Date Unknown: Lootens, P. (Rev.): RMCA: 1 [1]; WHO and Marc Colyn: RMCA: 1 [1 - 2 - 2].
- Bunyangura:** 19 1/11: de Witte, G.F. et al.: RMCA: 1 [1 - 1] - 19 1/22: de Witte, G.F. et al.: RMCA: 4 [4 - 4] - 19 2/09: de Witte, G.F. et al.: RMCA: 4 [4 - 4 - 9].
- Bunyenzi:** 19 2/03: de Witte, G.F. et al.: RMCA: 12 [12 - 12] - 19 9/15: de Witte, G.F. et al.: RMCA: 2 [2 - 2] - 19 9/17: de Witte, G.F. et al.: RMCA: 1 [1 - 1 - 15].
- Busholinka river:** 19 2/18: de Witte, G.F. et al.: RMCA: 2 [2 - 2 - 2].
- Buta:** Collection Date Unknown: Hutsebaut, J. (Rev. Fr.): RMCA: 24 [24 - 24] - 19 2/20: Joseph, R.P.: RMCA: 1 [1 - 1 - 25].
- Butembo:** Collection Date Unknown: Dyleff, P.: RMCA: 10 [10 - 10] - 19 3/16: Dyleff, P.: RMCA: 6 [6 - 6] - 19 4/28: Dyleff, P.: RMCA: 2 [2 - 2] - 19 6/07: Dyleff, P.: RMCA: 1 [1 - 1 - 19].
- Byangore river:** 19 4/27: de Witte, G.F. et al.: KBIN: 1 [1 - 1 - 1].
- Cellule II:** 19 2/25: de Saeger, H. et al.: RMCA: 1 [1 - 1] - 19 3/01: de Saeger, H. et al.: RMCA: 1 [1 - 1] - 19 3/16: de Saeger, H. et al.: RMCA: 2 [2 - 2] - 19 6/08: de Saeger, H. et al.: RMCA: 2 [2 - 2 - 6].
- Congo:** Collection Date Unknown: de Witte, G.F. et al.: RMCA: 1 [1]; Heusgens, Dr.: RMCA: 1 [1]; Jans, E. (Rev.): RMCA: 1 [1]; WHO and Marc Colyn: RMCA: 1 [1 - 4] - 19 7/04: Jans, E. (Rev.): RMCA: 1 [1 - 1 - 5].
- Congo da Lemba:** Collection Date Unknown: Mayné: RMCA: 8 [8 - 8 - 8].
- Congo river, 75 mi up:** Collection Date Unknown: Bates, G.L.: USNM: 1 [1 - 1 - 1].
- Costermansville:** Collection Date Unknown: Bomans, H.: RMCA: 1 [1 - 1 - 1].
- Dethiox caves:** Collection Date Unknown: Anciaux de Faveaux, Felix: SMF: 2 [2 - 2] - 19 6/04: Anciaux de Faveaux, Felix: SMF: 5 [5 - 5 - 7].
- Dika:** 19 3/19: Schouteden, H.: RMCA: 1 [1 - 1 - 1].

- Dikulwe river:** Collection Date Unknown: Neuve: BMNH: 1 [1 - 1 - 1].
- Dilolo:** Collection Date Unknown: Hutsebaut, J. (Rev. Fr.): RMCA: 1 [1 - 1 - 1].
- Djamba:** Collection Date Unknown: Schouteden, H.: RMCA: 1 [1 - 1] - 19 2/19: Schouteden, H.: RMCA: 1 [1 - 1] - 19 2/20: Schouteden, H.: RMCA: 1 [1 - 1 - 3].
- Djeka:** 19 5/29: Roiseuse, R.: RMCA: 1 [1 - 1 - 1].
- Dramba:** 19 4/18: Schouteden, H.: RMCA: 1 [1 - 1 - 1].
- Duma:** 19 0/12: Schubolz, H.: SMF: 1 [1 - 1] - Collection Date Unknown: Herzog, A.T.M.: SMF: 1 [1]; Tr. z. U., Mr. Ad.: ZMH: 2 [2 - 3 - 4].
- Dungu:** 19 0/05: de Saeger, H. et al.: KBIN: 1 [1 - 1] - Collection Date Unknown: Hutereau: RMCA: 9 [9]; Schouteden, H.: RMCA: 1 [1 - 10 - 11].
- Eala:** Collection Date Unknown: Ghesquière, J.: RMCA: 2 [2 - 2] - 19 1/24: Schouteden, H.: RMCA: 1 [1 - 1 - 3].
- Eastern Congo:** Collection Date Unknown: Laarman, J.J.: RMNH: 1 [1 - 1 - 1].
- Eliila:** 19 7/16: Poll, Max: RMCA: 1 [1 - 1 - 1].
- Elisabethville [=Lubumbashi]:** Collection Date Unknown: De Smet, Dr.: RMCA: 1 [1]; Quarré: RMCA: 2 [2]; Schouteden, H.: RMCA: 3 [3 - 6] - 19 2/22: Anciaux de Faveaux, Michel: RMCA: 1 [1]; Anciaux de Faveaux, Michel and Lips, M.: RMCA: 3 [3 - 4] - 19 3/03: Prigogine, A.: RMCA: 1 [1 - 1] - 19 4/06: Anciaux de Faveaux, Michel: RMCA: 1 [1 - 1] - 19 4/22: Anciaux de Faveaux, Michel: RMCA: 1 [1 - 1] - 19 8/05: Smits, A.: KBIN: 1 [1 - 1 - 14].
- Epolu:** Collection Date Unknown: Poll, Max: RMCA: 1 [1 - 1 - 1].
- Eringete:** Collection Date Unknown: ?: Collector Unknown: KBIN: 1 [1 - 1 - 1].
- Faradje:** 19 0/24: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1] - 19 1/01: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1] - 19 1/11: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1] - 19 1/22: Chapin, James P. and Lang, Herbert: RMCA: 1 [1 - 1] - 19 2/21: Chapin, James P. and Lang, Herbert: AMNH: 2 [2 - 2] - 19 3/01: Chapin, James P. and Lang, Herbert: AMNH: 2 [2 - 2] - 19 3/01: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1] - 19 3/30: Chapin, James P. and Lang, Herbert: AMNH: 1, RMCA: 1 [2 - 2] - 19 7/01: Schouteden, H.: RMCA: 3 [3 - 3] - 19 7/02: Chapin, James P. and Lang, Herbert: RMCA: 1 [1 - 1] - 19 7/05: Schouteden, H.: RMCA: 1 [1 - 1] - 19 7/06: Schouteden, H.: RMCA: 2 [2 - 2] - 19 9/29: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1 - 19].
- Fataki area:** Collection Date Unknown: Verschuren, Jacques: KBIN: 1 [1 - 1 - 1].
- Flandria:** 19 8/27: Hulsaert, R.P.: RMCA: 1 [1 - 1 - 1].
- Fomulac-Katana:** 19 0/03: Kunkel: SMF: 1 [1 - 1] - 19 9/29: Kunkel: SMF: 1 [1 - 1] - 19 9/30: Kunkel: SMF: 1 [1 - 1 - 3].
- Fuko river:** 19 4/07: de Witte, G.F. et al: RMCA: 3 [3 - 3 - 3].
- Funda Biabo:** Collection Date Unknown: Charliers: RMCA: 1 [1 - 1 - 1].
- Fundi:** 19 2/16: Christie, J. (dr.): RMCA: 1 [1 - 1 - 1].
- Ganda Sundi:** 19 3/25: Fain, Alexandre (Dr.): RMCA: 1 [1 - 1] - 19 3/31: Fain, Alexandre (Dr.): RMCA: 1 [1 - 1 - 2].
- Gandu:** Collection Date Unknown: Thierry: ZMB: 1 [1 - 1 - 1].
- Gangala-na-Bodio:** Collection Date Unknown: Poll, Max: RMCA: 2 [2 - 2] - 19 1/08: de Saeger, H. et al.: KBIN: 1 [1 - 1] - 19 1/26: Micha, M.: KBIN: 1 [1 - 1] - 19 2/01: Poll, Max: RMCA: 1 [1 - 1] - 19 4/05: Hediger and Verschuren, Jacques: KBIN: 1 [1 - 1] - 19 4/09: Hediger and Verschuren, Jacques: KBIN: 1 [1 - 1] - 19 4/10: de Saeger, H. et al.: KBIN: 1 [1 - 1] - 19 5/06: Hediger and Verschuren, Jacques: KBIN: 1 [1 - 1] - 19 5/07: Hediger and Verschuren, Jacques: KBIN: 1 [1 - 1 - 10].
- Garamba Park:** Collection Date Unknown: ?: Collector Unknown: KBIN: 2 [2]; de Saeger, H. et al.: KBIN: 1, RMCA: 3 [4 - 6] - 19 1/01: de Saeger, H. et al.: RMCA: 1 [1 - 1] - 19 1/10: de Saeger, H. et al.: KBIN: 1 [1 - 1] - 19 1/15: de Saeger, H. et al.: KBIN: 1, RMCA: 1 [2 - 2] - 19 1/18: de Saeger, H. et al.: KBIN: 1 [1 - 1] - 19 1/31: de Saeger, H. et al.: KBIN: 4, RMCA: 3 [3 - 7] - 19 2/01: de Saeger, H. et al.: KBIN: 1, RMCA: 1 [2 - 2] - 19 2/07: de Saeger, H. et al.: KBIN: 3 [3 - 3] - 19 2/12: de Saeger, H. et al.: RMCA: 2 [2 - 2] - 19 2/16: de Saeger, H. et al.: KBIN: 1 [1 - 1] - 19 2/16: de Saeger, H. et al.: KBIN: 1 [1 - 1] - 19 2/18: de Saeger, H. et al.: KBIN: 3 [3 - 3] - 19 2/26: de Saeger, H. et al.: KBIN: 2, RMCA: 1 [3 - 3] - 19 2/27: de Saeger, H. et al.: KBIN: 1 [1 - 1] - 19 2/27: de Saeger, H. et al.: KBIN: 1 [1 - 1] - 19 3/01: de Saeger, H. et al.: KBIN: 1, RMCA: 1 [2 - 2] - 19 3/07: de Saeger, H. et al.: KBIN: 1 [1 - 1] - 19 3/08: de Saeger, H. et al.: KBIN: 1 [1 - 1] - 19 3/14: Chapin, James P. and Lang, Herbert: AMNH: 1 [1 - 1] - 19 3/16: de Saeger, H. et al.: KBIN: 5, RMCA: 1 [6 - 6] - 19 3/17: de Saeger, H. et al.: KBIN: 1, RMCA: 1 [2 - 2] - 19 3/18: de Saeger, H. et al.: KBIN: 1 [1 - 1] - 19 3/25: de Saeger, H. et al.: KBIN: 1 [1 - 1] - 19 3/26: de Saeger, H. et al.: KBIN: 1 [1 - 1] - 19 3/30: de Saeger, H. et al.: KBIN: 2, RMCA: 2 [4 - 4] - 19 3/31: de Saeger, H. et al.: RMCA: 1 [1 - 1] - 19 4/02: de Saeger, H. et al.: KBIN: 1, RMCA: 1 [2 - 2] - 19 4/02: de Saeger, H. et al.: KBIN: 2 [2 - 2] - 19 4/03: de Saeger, H. et al.: RMCA: 1 [1 - 1] - 19 4/03: de Saeger, H. et al.: RMCA: 1 [1 - 1] - 19 4/07: de Saeger, H. et al.: RMCA: 2 [2 - 2] - 19 4/22: de Saeger, H. et al.: KBIN: 1 [1 - 1] - 19 5/03: de Saeger, H. et al.: KBIN: 1 [1 - 1] - 19 5/08: de Saeger, H. et al.: KBIN: 1 [1 - 1] - 19 5/12: de Saeger, H. et al.: KBIN: 1 [1 - 1] - 19 5/14: de Saeger, H. et al.: KBIN: 1 [1 - 1] - 19 5/21: de Saeger, H. et al.: KBIN: 2 [2 - 2] - 19 5/22: de Saeger, H. et al.: KBIN: 1 [1 - 1] - 19 5/26: de Saeger, H. et al.: KBIN: 1 [1 - 1] - 19 5/26: de Saeger, H. et al.: KBIN: 1 [1 - 1] - 19 5/31: de Saeger, H. et al.: RMCA: 1 [1 - 1] - 19 6/01: de Saeger, H. et al.: KBIN: 1 [1 - 1] - 19 6/25: de Saeger, H. et al.: KBIN: 1 [1 - 1] - 19 7/16: de Saeger, H. et al.: KBIN: 1 [1 - 1] - 19 7/19: de Saeger, H. et al.: KBIN: 2, RMCA: 1 [3 - 3] - 19 7/21: de Saeger, H. et al.: KBIN: 3, RMCA: 2 [5 - 5] - 19 7/23: de Saeger, H. et al.: KBIN: 1 [1 - 1] - 19 8/02: de Saeger, H. et al.: KBIN: 3 [3 - 3] - 19 9/25: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 91].
- Geramihasha river, affluent of Rodahira river:** 19 3/22: de Witte, G.F. et al: RMCA: 1 [1 - 1] - 19 6/28: de Witte, G.F. et al: RMCA: 2 [2 - 2 - 3].
- Goma:** 19 2/05: KEA-Mission: KBIN: 1 [1 - 1] - 19 3/10: KEA-Mission: KBIN: 1 [1 - 1 - 2].
- Haute Congo:** Collection Date Unknown: Rotterdamse Diergaarde: RMNH: 1 [1 - 1 - 1].
- How...:** Collection Date Unknown: Laarman, J.J.: RMNH: 1 [1 - 1 - 1].
- Ibambi:** Collection Date Unknown: Reitter, Mlle: RMCA: 2 [2 - 2 - 2].
- Ibebero:** 19 7/14: Svelpel: ZMZ: 1 [1 - 1 - 1].
- Ibembo:** Collection Date Unknown: Hutsebaut, J. (Rev. Fr.): BMNH: 2 [2 - 2] - 19 2/13: Hutsebaut, J. (Rev. Fr.): RMCA: 1 [1 - 1] - 19 8/21: Hutsebaut, J. (Rev. Fr.): RMCA: 1 [1 - 1 - 4].
- Idjwi island:** 19 1/14: Rahm, Uwe: RMCA: 2 [2 - 2] - 19 7/19: Prigogine, A.: RMCA: 1 [1 - 1 - 3].
- Ikela:** Collection Date Unknown: Lootens, P. (Rev.): RMCA: 3 [3 - 3] - 19 3/16: Carbone, F.: RMCA: 1 [1 - 1] - 19 6/03: Lootens, P. (Rev.): RMCA: 1 [1 - 1 - 5].
- Irangi:** Collection Date Unknown: Heller, K.G. and Volleth, Marianne: SMF: 3 [3]; Stephen, H.: SMF: 1 [1 - 4] - 19 1/17: Stephan, Heinz: SMF: 1 [1 - 1] - 19 1/20: Stephan, Heinz: SMF: 1 [1 - 1] - 19 1/31: Stephan, Heinz: SMF: 2 [2 - 2] - 19 1/31: Laarman, J.J.: RMNH: 1 [1 - 1] - 19 6/23: Rahm, Uwe: BMNH: 1 [1 - 1] - 19 7/11: Rahm, Uwe: BMNH: 1 [1 - 1] - 1

- 19 8/15: Laarman, J.J.: RMNH: 1 [1 - 1] - 19 8/21: Rahm, Uwe: RMCA: 1 [1 - 1 - 13].
- Irsac labo:** Collection Date Unknown: Andersen, Th.: ZFMK: 1 [1]; Bredo, H.J.: ZFMK: 2 [2 - 3] - 19 7/08: Rahm, Uwe: RMCA: 1 [1 - 1 - 4].
- Irumu:** Collection Date Unknown: Leopold, prince of Belgium: RMCA: 1 [1 - 1 - 1].
- Ituri Forest:** Collection Date Unknown: de Walden, H. (Lord): BMNH: 1 [1]; Dent, R.E. and Woosnam, R.B.: BMNH: 1 [1 - 2] - 19 4/24: de Walden, H. (Lord): BMNH: 5 [5 - 5 - 7].
- Jadotville:** 19 2/01: Anciaux de Faveaux, Michel: RMCA: 1 [1 - 1] - 19 6/02: Anciaux de Faveaux, Michel: RMCA: 1 [1 - 1] - 19 6/08: Anciaux de Faveaux, Michel: RMCA: 2 [2 - 2 - 4].
- Jalusaka:** 19 9/28: Carbone, F.: RMCA: 1 [1 - 1 - 1].
- Kabale:** 19 5/10: Chapin, James P.; Sage, L. (dr.) and Matthews, Edwards: AMNH: 1 [1 - 1] - 19 5/11: Chapin, James P.; Sage, L. (dr.) and Matthews, Edwards: AMNH: 1 [1 - 1 - 2].
- Kabalo:** Collection Date Unknown: Schouteden, H.: RMCA: 1 [1 - 1 - 1].
- Kabare:** 19 9/15: Schwetz: RMCA: 1 [1 - 1 - 1].
- Kabengere:** 19 2/24: Zimmer, J.T.: FMNH: 1 [1 - 1 - 1].
- Kabira:** 19 3/12: Rahm, Uwe: RMCA: 1 [1 - 1] - 19 3/15: Rahm, Uwe: RMCA: 1 [1 - 1 - 2].
- Kabongo:** Collection Date Unknown: Dierckx, M.: RMCA: 2 [2 - 2 - 2].
- Kabwe:** 19 2/09: De Roo, Antoon: AMNH: 2 [2 - 2] - 19 2/09: De Roo, Antoon: RMCA: 3 [3 - 3] - 19 4/30: De Roo, Antoon: RMCA: 7 [7 - 7 - 12].
- Kadehe river:** 19 9/18: de Witte, G.F. et al: RMCA: 3 [3 - 3 - 3].
- Kadin:** Collection Date Unknown: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].
- Kadjuju:** Collection Date Unknown: Babault, Guy: RMCA: 6 [6 - 6 - 6].
- Kahama:** 19 6/09: de Witte, G.F. et al: RMCA: 4 [4 - 4 - 4].
- Kakanda cave:** Collection Date Unknown: de Caters, R.P. Th.: BMNH: 1, RMCA: 3 [4]; Royal Museum of Central Africa: BMNH: 1 [1 - 5] - 19 8/09: Prigogine, A.: RMCA: 1 [1 - 1] - 19 9/22: Anciaux de Faveaux, Michel: KBIN: 2 [2 - 2 - 8].
- Kakanda, Kondo cave:** 19 9/21: Anciaux de Faveaux, Felix: SMF: 2 [2 - 2 - 2].
- Kakoi:** Collection Date Unknown: Leirs, Herwig et al.: MSB: 1 [1 - 1 - 1].
- Kakonde:** 19 0/20: Anciaux de Faveaux, Michel: RMCA: 3, SMF: 2 [5 - 5 - 5].
- Kakondo:** 19 2/01: Hendrickx, F.L.: RMCA: 1 [1 - 1 - 1].
- Kakontwe, cave:** Collection Date Unknown: Poelman, L.: RMCA: 1 [1 - 1 - 1].
- Kakontwe, Kalomoni cave:** 19 6/11: Anciaux de Faveaux, Felix: SMF: 1 [1 - 1 - 1].
- Kakungu:** 19 1/23: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].
- Kakyelo:** 19 1/13: de Witte, G.F. et al: RMCA: 6 [6 - 6 - 6].
- Kalemie:** 19 1/05: ? : Collector Unknown: RMCA: 1 [1 - 1 - 1].
- Kalenda Kasai:** Collection Date Unknown: Bouillon, R.P. A.: KBIN: 1 [1 - 1 - 1].
- Kalikimvua:** 19 6/11: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].
- Kalima:** Collection Date Unknown: Deheyn, Jean Jacques: RMCA: 1 [1 - 1 - 1].
- Kalulako:** 19 1/04: D'Haenens: RMCA: 6 [6 - 6] - 19 1/05: Anciaux de Faveaux, Michel: RMCA: 1 [1]; D'Haenens: RMCA: 1 [1 - 2 - 8].
- Kamatanda:** Collection Date Unknown: Anciaux de Faveaux, Felix: SMF: 2 [2 - 2 - 2].
- Kamitutu:** Collection Date Unknown: Prigogine, A.: RMCA: 2 [2 - 2] - 19 2/20: Prigogine, A.: RMCA: 4 [4 - 4] - 19 2/21: Prigogine, A.: RMCA: 1 [1 - 1] - 19 3/20: Prigogine, A.: RMCA: 2 [2 - 2 - 9].
- Kamponde:** Collection Date Unknown: De Roo, Antoon: RMCA: 7 [7 - 7 - 7].
- Kamueshi:** 19 4/05: Nsankulu Betu: RMCA: 1 [1 - 1 - 1].
- Kaniki [3 locs]:** 19 2/24: De Roo, Antoon: RMCA: 1 [1 - 1 - 1].
- Kanzarue river:** 19 9/07: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].
- Kanzenze:** 19 2/01: Leleup, N.: RMCA: 1 [1 - 1 - 1].
- Kapaso:** 19 0/07: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 1 [1 - 1 - 1].
- Kaponda:** 19 0/14: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 1 [1 - 1 - 1].
- Karambi:** 19 9/27: Laarman, J.J.: RMNH: 1 [1 - 1 - 1].
- Karavia:** 19 1/07: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 4 [4 - 4] - 19 9/30: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 2 [2 - 2 - 6].
- Karawa:** Collection Date Unknown: Wallin, R.P.: RMCA: 1 [1 - 1 - 1].
- Kasai province:** Collection Date Unknown: ? : Collector Unknown: RMCA: 1 [1]; Achten: RMCA: 1 [1 - 2 - 2].
- Kasaji:** 19 3/13: Fisher, Rév.: RMCA: 2 [2 - 2 - 2].
- Kasaka:** Collection Date Unknown: ? : Collector Unknown: RMCA: 1 [1 - 1 - 1].
- Kasanga:** Collection Date Unknown: Schwarz, Ernst (dr.): RMCA: 1 [1 - 1 - 1].
- Kasebeya river:** 19 2/15: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].
- Kasenga:** Collection Date Unknown: De Smet, Dr.: RMCA: 1 [1 - 1 - 1].
- Kasenga rd, km 36:** 19 3/26: Anciaux de Faveaux, Michel: RMCA: 1 [1 - 1 - 1].
- Kasenyi:** 19 2/02: Leech, R. and Ross, E.: CAS: 1 [1 - 1] - 19 2/25: KEA-Mission: KBIN: 1 [1 - 1 - 2].
- Kasindi:** Collection Date Unknown: Schubotz: ZMB: 1 [1 - 1 - 1].
- Kasoma cave:** Collection Date Unknown: Anciaux de Faveaux, Felix: SMF: 9 [9 - 9 - 9].
- Kasongo:** 19 1/10: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 1 [1 - 1 - 1].
- Kassi river:** 19 4/05: de Saeger, H. et al.: RMCA: 1 [1 - 1 - 1].
- Kaswabilenga:** 19 0/01: de Witte, G.F. et al: KBIN: 1 [1 - 1] - 19 0/08: de Witte, G.F. et al: KBIN: 1 [1 - 1 - 2].
- Katana:** 19 0/29: Burgeon: RMCA: 1 [1 - 1 - 1].
- Katanda, lake:** Collection Date Unknown: Pileth: RMCA: 1 [1 - 1 - 1].
- Kataye Sukunga:** Collection Date Unknown: Fourche, Dr.: RMCA: 1 [1 - 1 - 1].
- Kateke:** 19 1/25: de Witte, G.F. et al: KBIN: 1 [1 - 1] - 19 1/26: de Witte, G.F. et al: KBIN: 4 [4 - 4] - 19 1/27: de Witte, G.F. et al: KBIN: 9 [9 - 9] - 19 2/01: de Witte, G.F. et al: KBIN: 8 [8 - 8] - 19 2/04: de Witte, G.F. et al: KBIN: 9 [9 - 9 - 31].
- Katobwe:** Collection Date Unknown: ? : Collector Unknown: FMNH: 1 [1 - 1] - 19 2/09: Zimmer, J.T.: FMNH: 1 [1 - 1 - 2].
- Katundwe river:** 19 1/03: de Witte, G.F. et al: RMCA: 2 [2 - 2] - 19 3/19: de Witte, G.F. et al: RMCA: 7 [7 - 7] - 19 3/30: de Witte, G.F. et al: RMCA: 3 [3 - 3] - 19 5/17: de Witte, G.F. et al: RMCA: 1 [1 - 1] - 19 6/10: de Witte, G.F. et al: RMCA: 5 [5 - 5] - 19 7/05: de Witte, G.F. et al: RMCA: 7 [7 - 7] - 19 9/17: de Witte, G.F. et al: RMCA: 3 [3 - 3] - 19 9/18: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 29].
- Kawa:** 19 7/16: Fain, Alexandre (Dr.): BMNH: 1, RMCA: 1 [2 - 2] - 19 7/17: Fain, Alexandre (Dr.): BMNH: 1 [1 - 1] - 19 7/24:

- Fain, Alexandre (Dr.): RMCA: 2 [2 - 2] - 19 8/05: Fain, Alexandre (Dr.): BMNH: 1 [1 - 1] - 19 8/07: Fain, Alexandre (Dr.): BMNH: 1 [1 - 1 - 7].
- Kawezi-Uvira**: 19 7/03: Laarman, J.J.: RMNH: 1 [1 - 1 - 1].
- Kere Kere**: 19 1/01: Turco, Dr.: RMCA: 2 [2 - 2 - 2].
- Keri river**: 19 8/26: Fraser, D. (Capt.): BMNH: 1 [1 - 1 - 1].
- Keyberg**: 19 0/27: Anciaux de Faveaux, Michel: SMF: 1 [1]; Anciaux de Faveaux, Michel and Lips, M.: RMCA: 1 [1 - 2] - 19 1/20: Rahm, Uwe: RMCA: 2 [2 - 2] - 19 2/20: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 1 [1 - 1 - 5].
- Kiambi**: 19 5/07: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].
- Kiamokoto**: Collection Date Unknown: ?: Collector Unknown: KBIN: 2 [2 - 2] - 19 5/07: de Witte, G.F. et al: KBIN: 1 [1 - 1] - 19 7/07: de Witte, G.F. et al: KBIN: 1 [1 - 1 - 4].
- Kibumba [4 locs]**: 19 8/10: Celis, E.P. and Lejeune: RMCA: 1 [1 - 1 - 1].
- Kidada**: 19 2/17: Schouteden, H.: RMCA: 1 [1 - 1 - 1].
- Kikanda**: 19 2/02: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 3 [3 - 3] - 19 2/06: Anciaux de Faveaux, Michel: RMCA: 1 [1]; Anciaux de Faveaux, Michel and Lips, M.: RMCA: 4 [4 - 5] - 19 9/23: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 2 [2 - 2 - 10].
- Kikumba [3 locs]**: 19 9/18: Rahm, Uwe: RMCA: 2 [2 - 2 - 2].
- Kikwit**: Collection Date Unknown: Leirs, Herwig et al.: MSB: 234, RMCA: 236 [470 - 470] - 19 7/06: Leirs, Herwig et al.: MSB: 1, RMCA: 1 [2 - 2] - 19 8/01: Leirs, Herwig et al.: MSB: 3, RMCA: 2 [5 - 5 - 477].
- Kikwit, Palm Plantation**: Collection Date Unknown: ?: Collector Unknown: TM: 20 [20 - 20] - 19 1/25: Swanepoel, R. (Prof.): TM: 3 [3 - 3] - 19 1/28: Swanepoel, R. (Prof.): TM: 1 [1 - 1 - 24].
- Kilembe, 52 mi S**: 19 8/08: Leech, R. and Ross, E.: CAS: 1 [1 - 1 - 1].
- Kilinga**: 19 3/15: de Witte, G.F. et al: RMCA: 2 [2 - 2 - 2].
- Kiliza**: 19 5/25: Prigogine, A.: RMCA: 1 [1 - 1 - 1].
- Kilo**: Collection Date Unknown: ?: Collector Unknown: RMCA: 1 [1 - 1 - 1].
- Kilobilobe**: 19 1/05: D'Haenens: RMCA: 1 [1 - 1] - 19 1/06: D'Haenens: RMCA: 1 [1 - 1 - 2].
- Kilwa**: Collection Date Unknown: Bredo, H.J.: RMCA: 1 [1 - 1 - 1].
- Kimilolo**: Collection Date Unknown: De Smet, Dr.: RMCA: 1 [1 - 1 - 1].
- Kinawa passage, confluence Thyuma & Semliki**: Collection Date Unknown: ?: Collector Unknown: KBIN: 1 [1 - 1 - 1].
- Kingabwe**: 19 2/19: Mutashiya: RMCA: 1 [1 - 1 - 1].
- Kinshasa, near Leopoldville**: 19 2/22: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1 - 1].
- Kinzambi mission**: Collection Date Unknown: Leirs, Herwig et al.: MSB: 1 [1 - 1] - 19 7/24: Leirs, Herwig et al.: MSB: 1 [1 - 1] - 19 7/25: Leirs, Herwig et al.: RMCA: 1 [1 - 1] - 19 7/26: Leirs, Herwig et al.: MSB: 1 [1 - 1] - 19 7/28: Leirs, Herwig et al.: MSB: 1, RMCA: 2 [3 - 3] - 19 7/30: Leirs, Herwig et al.: MSB: 1 [1 - 1] - 19 7/31: Leirs, Herwig et al.: RMCA: 1 [1 - 1 - 9].
- Kipopo**: 19 1/30: De Bont: RMCA: 3 [3 - 3 - 3].
- Kipushi**: 19 8/12: De Smet, Dr.: RMCA: 1 [1 - 1 - 1].
- Kisanga**: 19 4/22: Rahm, Uwe: BMNH: 2 [2 - 2] - 19 4/25: Rahm, Uwe: BMNH: 1 [1 - 1 - 3].
- Kisangani**: Collection Date Unknown: ?: Collector Unknown: AMNH: 1 [1 - 1 - 1].
- Kisangani-Ituri**: Collection Date Unknown: Colyn, Marc: RMCA: 4 [4 - 4 - 4].
- Kisantu**: 19 2/11: Schouteden, H.: RMCA: 1 [1 - 1] - 19 2/15: Schouteden, H.: RMCA: 1 [1 - 1] - 19 2/27: Schouteden, H.: RMCA: 1 [1 - 1 - 3].
- Kiswishi**: 19 0/11: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 2 [2 - 2] - 19 9/21: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 3 [3 - 3 - 5].
- Kivu, lake**: Collection Date Unknown: KEA-Mission: KBIN: 1 [1 - 1 - 1].
- Kokodo river**: 19 4/19: de Saeger, H. et al.: KBIN: 2 [2 - 2 - 2].
- Koloka**: Collection Date Unknown: ?: Collector Unknown: ZMH: 1 [1]; Schubolz, H.: SMF: 2 [2 - 3 - 3].
- Kolwezi**: 19 3/01: ?: Collector Unknown: OSU: 1 [1 - 1 - 1].
- Korovi, mount**: 19 0/25: Fain, Alexandre (Dr.): RMCA: 1 [1 - 1 - 1].
- Koteli**: Collection Date Unknown: Schouteden, H.: RMCA: 3 [3 - 3] - 19 1/02: Schouteden, H.: RMCA: 1 [1 - 1] - 19 1/03: Schouteden, H.: RMCA: 1 [1 - 1] - 19 1/23: Schouteden, H.: RMCA: 1 [1 - 1 - 6].
- Kunungu**: Collection Date Unknown: Schouteden, H.: RMCA: 14 [14 - 14] - 19 1/19: Schouteden, H.: RMCA: 1 [1 - 1] - 19 2/11: Schouteden, H.: RMCA: 1 [1 - 1 - 16].
- Kwamouth**: 19 6/17: Schouteden, H.: RMCA: 1 [1 - 1 - 1].
- Kyavinionge**: 19 1/27: KEA-Mission: KBIN: 1 [1 - 1 - 1].
- lake Tanganyika, NW bank**: Collection Date Unknown: Grauer, Rudolf: ZMB: 1 [1 - 1 - 1].
- Leopoldville [=Kinshasa]**: Collection Date Unknown: Fiasse, R.: RMCA: 1 [1]; Misonne, Xavier: KBIN: 1 [1]; Richard, Dr.: RMCA: 1 [1 - 3 - 3].
- Leverville**: Collection Date Unknown: Tinant, Mme: RMCA: 1 [1 - 1 - 1].
- Likandi river [=Litaki river]**: 19 4/18: Alexander-Gosling Expedition: BMNH: 1 [1 - 1 - 1].
- Loondo Mugunga**: Collection Date Unknown: de Loneux, Gonze: KBIN: 1 [1 - 1 - 1].
- Losho**: 19 1/23: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].
- Lovanium university**: 19 1/06: De Bont: RMCA: 2 [2 - 2] - 19 2/10: De Bont and Van Orshoven: RMCA: 1 [1 - 1] - 19 3/12: De Bont and Van Orshoven: RMCA: 1 [1 - 1 - 4].
- Lovoi**: Collection Date Unknown: Quarré: RMCA: 1 [1 - 1 - 1].
- Lubenge Marunga mountains**: Collection Date Unknown: Rockefeller, J. Sterling: AMNH: 1 [1 - 1] - 19 3/10: Rockefeller, J. Sterling: AMNH: 1 [1 - 1 - 2].
- Lubudi**: Collection Date Unknown: Anciaux de Faveaux, Felix: SMF: 2 [2 - 2] - 19 7/23: Anciaux de Faveaux, Felix: SMF: 1 [1 - 1 - 3].
- Lubudi, Kaboyaboya cave**: 19 7/18: Anciaux de Faveaux, Felix: SMF: 3 [3 - 3] - 19 7/23: Anciaux de Faveaux, Felix: SMF: 3 [3 - 3 - 6].
- Lubudi, Kyasala cave**: 19 7/21: Anciaux de Faveaux, Felix: SMF: 2 [2 - 2 - 2].
- Lubudi, Lusolo cave**: 19 7/16: Anciaux de Faveaux, Felix: SMF: 6 [6 - 6 - 6].
- Lubudi, Mulong cave**: 19 7/26: Anciaux de Faveaux, Felix: SMF: 4 [4]; Anciaux de Faveaux, Michel: SMF: 1 [1 - 5 - 5].
- Lubudi-Lusolo**: 19 7/16: Anciaux de Faveaux, Michel: SMF: 1 [1 - 1 - 1].
- Lubumbashi**: Collection Date Unknown: ?: Collector Unknown: RMCA: 1 [1]; Peelman: KBIN: 4 [4]; Richard, Dr.: RMCA: 1 [1 - 6] - 19 2/28: Lips, M.: RMCA: 1 [1 - 1] - 19 2/29: Lips, M.: RMCA: 1 [1 - 1] - 19 3/24: Poelman, L.: KBIN: 1 [1 - 1] - 19

- 3/26: Misonne, Xavier: RMCA: 1 [1 - 1] - 19 4/01: Schouteden, H.: RMCA: 1 [1 - 1] - 19 8/25: De Smet, Dr.: RMCA: 1 [1 - 1] - 19 8/27: De Smet, Dr.: RMCA: 2 [2 - 2] - 19 8/28: De Smet, Dr.: RMCA: 1 [1 - 1] - 19 9/02: De Smet, Dr.: RMCA: 2 [2 - 2 - 17].
- Lubwa:** 19 1/28: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 1 [1 - 1 - 1].
- Luebo:** 19 2/16: Schouteden, H.: RMCA: 4 [4 - 4] - 19 2/17: Schouteden, H.: RMCA: 1 [1 - 1] - 19 2/19: Schouteden, H.: RMCA: 5 [5 - 5] - 19 8/21: Schouteden, H.: RMCA: 1 [1 - 1] - 19 9/10: Schouteden, H.: RMCA: 1 [1 - 1 - 12].
- Lukafu:** 19 2/20: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].
- Lukolela:** 19 0/10: Chapin, James P.: AMNH: 1 [1 - 1] - Collection Date Unknown: Ghesquière, J.: RMCA: 1 [1 - 1] - 19 1/15: Lecocq: RMCA: 1 [1 - 1] - 19 2/24: Chapin, James P.: AMNH: 1 [1 - 1] - 19 6/25: ? : Collector Unknown: RMCA: 1 [1 - 1] - 19 8/04: Chapin, James P.: AMNH: 1 [1 - 1 - 6].
- Lukonzolwa:** 19 2/16: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].
- Lula:** 19 8/06: Poll, Max: RMCA: 3 [3 - 3] - 19 8/10: Poll, Max: RMCA: 5 [5 - 5 - 8].
- Lulimba:** 19 0/09: Prigogine, A.: RMCA: 1 [1 - 1] - Collection Date Unknown: Lejeune: RMCA: 1 [1 - 1 - 2].
- Lulola-Kasanga:** 19 3/18: Rahm, Uwe: BMNH: 1 [1 - 1 - 1].
- Luluabourg:** Collection Date Unknown: ? : Collector Unknown: BMNH: 2 [2]; Callewaert, P.: BMNH: 8, RMCA: 1 [9]; Callewaert, R: BMNH: 1 [1 - 12 - 12].
- Luluabourg [=Kananga]:** 19 0/05: De Roo, Antoon: RMCA: 2 [2 - 2] - 19 0/19: Callewaert, P.: BMNH: 1 [1 - 1] - Collection Date Unknown: Callewaert, P.: BMNH: 2, RMCA: 3 [5]; De Roo, Antoon: RMCA: 2 [2]; Deheegher, Jan: RMCA: 6 [6]; Dekeegher, J.: RMCA: 1 [1 - 14] - 19 1/01: Deheegher, Jan: RMCA: 1 [1 - 1] - 19 1/26: ? : Collector Unknown: MNHN: 2 [2 - 2] - 19 1/28: Callewaert, P.: BMNH: 1 [1 - 1] - 19 2/02: Callewaert, P.: BMNH: 1 [1 - 1] - 19 2/16: De Roo, Antoon: RMCA: 1 [1 - 1] - 19 2/19: Callewaert, P.: RMCA: 1 [1 - 1] - 19 2/19: Callewaert, P.: RMCA: 3 [3 - 3] - 19 2/21: De Roo, Antoon: RMCA: 1 [1 - 1] - 19 2/25: De Roo, Antoon: RMCA: 1 [1 - 1] - 19 2/25: Callewaert, P.: BMNH: 1 [1 - 1] - 19 3/02: De Roo, Antoon: RMCA: 3 [3 - 3] - 19 3/11: Callewaert, P.: BMNH: 1 [1 - 1] - 19 3/15: Callewaert, P.: RMCA: 1 [1 - 1] - 19 3/19: De Roo, Antoon: RMCA: 2 [2 - 2] - 19 4/05: Callewaert, P.: RMCA: 1 [1 - 1] - 19 4/13: Callewaert, P.: RMCA: 1 [1 - 1] - 19 4/15: Callewaert, P.: RMCA: 3 [3 - 3] - 19 4/16: Callewaert, P.: RMCA: 1 [1 - 1] - 19 4/18: Deheegher, Jan: RMCA: 1 [1 - 1] - 19 4/22: De Roo, Antoon: RMCA: 1 [1 - 1] - 19 4/26: De Roo, Antoon: RMCA: 1 [1 - 1] - 19 4/30: De Roo, Antoon: RMCA: 1 [1 - 1] - 19 5/02: Deheyn, Jean Jacques: RMCA: 1 [1 - 1] - 19 5/06: Callewaert, P.: RMCA: 1 [1 - 1] - 19 5/07: Deheyn, Jean Jacques: RMCA: 1 [1 - 1] - 19 5/11: Callewaert, P.: RMCA: 1 [1 - 1] - 19 5/15: Callewaert, P.: RMCA: 2 [2 - 2] - 19 5/22: Callewaert, P.: RMCA: 1 [1 - 1] - 19 5/24: De Roo, Antoon: RMCA: 1 [1 - 1] - 19 5/28: Callewaert, P.: BMNH: 1, RMCA: 2 [3 - 3] - 19 5/28: Callewaert, P.: AMNH: 1 [1 - 1] - 19 6/04: De Roo, Antoon: RMCA: 1 [1 - 1] - 19 6/07: Callewaert, P.: RMCA: 1 [1 - 1] - 19 6/11: Callewaert, P.: RMCA: 4 [4 - 4] - 19 6/19: Callewaert, P.: RMCA: 1 [1 - 1] - 19 6/19: Callewaert, P.: RMCA: 1 [1 - 1] - 19 6/26: Callewaert, P.: RMCA: 2 [2 - 2] - 19 6/27: Callewaert, P.: RMCA: 1 [1 - 1] - 19 6/29: De Roo, Antoon: RMCA: 1 [1 - 1] - 19 7/03: De Roo, Antoon: RMCA: 4 [4 - 4] - 19 7/04: Callewaert, P.: RMCA: 1 [1 - 1] - 19 7/17: Callewaert, P.: RMCA: 3 [3 - 3] - 19 7/27: De Roo, Antoon: RMCA: 6 [6 - 6] - 19 8/29: De Roo, Antoon: RMCA: 8 [8 - 8] - 19 9/08: De Roo, Antoon: RMCA: 3 [3 - 3] - 19 9/14: De Roo, Antoon: RMCA: 1 [1 - 1] - 19 9/22: De Roo, Antoon: RMCA: 1 [1 - 1] - 19 9/24: De Roo, Antoon: RMCA: 2 [2 - 2 - 100].
- Luluaburg [=Kananga]:** Collection Date Unknown: ex Museum Basel: ZMB: 2 [2 - 2 - 2].
- Lusambo:** Collection Date Unknown: Ghesquière, J.: RMCA: 7 [7 - 7] - 19 2/25: Ghesquière, J.: RMCA: 1 [1 - 1 - 8].
- Lusinga:** 19 1/12: de Witte, G.F. et al: KBIN: 1 [1 - 1] - 19 6/12: de Witte, G.F. et al: KBIN: 1 [1 - 1 - 2].
- Lwiro:** 19 0/14: Dieterlen, Frits: SMNS: 1 [1 - 1] - 19 1/27: Svepel: ZMZ: 1 [1 - 1] - 19 1/28: Dieterlen, Frits: SMNS: 1 [1 - 1] - 19 2/20: Kunkel: SMF: 1 [1 - 1] - 19 3/24: Kunkel: SMF: 1 [1 - 1] - 19 4/06: Prigogine, A.: RMCA: 1 [1 - 1] - 19 4/28: Prigogine, A.: RMCA: 1 [1 - 1] - 19 6/22: Svepel: ZMZ: 1 [1 - 1] - 19 7/10: Svepel: ZMZ: 1 [1 - 1] - 19 7/14: Svepel: ZMZ: 2 [2 - 2] - 19 7/15: Svepel: ZMZ: 1 [1 - 1] - 19 7/17: Svepel: ZMZ: 1 [1 - 1] - 19 8/01: Kunkel: SMF: 1 [1 - 1] - 19 8/01: Goepel, U.: ZMZ: 1 [1 - 1] - 19 8/08: Goepel, U.: ZMZ: 2 [2 - 2] - 19 9/13: Prigogine, A.: RMCA: 1 [1 - 1] - 19 9/25: Kunkel: SMF: 1 [1 - 1] - 19 9/27: Kunkel: SMF: 1 [1 - 1 - 20].
- Mabali:** 19 0/09: Rahm, Uwe: RMCA: 2 [2 - 2] - 19 0/29: Rahm, Uwe: RMCA: 1 [1 - 1 - 3].
- Mabanga:** 19 8/01: de Saeger, H. et al.: KBIN: 2, RMCA: 1 [3 - 3 - 3].
- Maboya:** 19 1/31: Prigogine, A.: RMCA: 1 [1 - 1] - 19 2/25: Prigogine, A.: RMCA: 1 [1 - 1 - 2].
- Mabwe river:** 19 2/11: de Witte, G.F. et al: KBIN: 2 [2 - 2] - 19 3/01: de Witte, G.F. et al: KBIN: 6 [6 - 6] - 19 8/10: de Witte, G.F. et al: KBIN: 6 [6 - 6 - 14].
- Macaco:** 19 9/29: Schouteden, H.: RMCA: 1 [1 - 1 - 1].
- Madimao:** 19 5/18: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 3 [3 - 3 - 3].
- Mahagi Port:** Collection Date Unknown: Heck, J.: BMNH: 1 [1 - 1] - 19 5/05: Schouteden, H.: RMCA: 1 [1 - 1 - 2].
- Makala:** Collection Date Unknown: Christie, J. (dr.): RMCA: 1 [1 - 1] - 19 2/04: Christie, J. (dr.): BMNH: 1 [1 - 1] - 19 2/05: Christie, J. (dr.): RMCA: 1 [1 - 1 - 3].
- Makaw:** Collection Date Unknown: Jans, E. (Rev.): RMCA: 1 [1 - 1 - 1].
- Makengo:** 19 2/11: Darteville, Dr.: RMCA: 1 [1 - 1 - 1].
- Makisabo:** 19 7/08: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].
- Makpe river, upper:** 19 7/10: de Saeger, H. et al.: KBIN: 1 [1 - 1] - 19 7/12: de Saeger, H. et al.: KBIN: 1, RMCA: 2 [3 - 3] - 19 7/13: de Saeger, H. et al.: KBIN: 3 [3 - 3] - 19 7/14: de Saeger, H. et al.: RMCA: 1 [1 - 1 - 8].
- Malandje [=Malandji]:** Collection Date Unknown: Mechow: ZMB: 1 [1 - 1 - 1].
- Malela:** 19 7/08: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1 - 1].
- Maleli:** 19 4/12: de Saeger, H. et al.: KBIN: 1 [1 - 1] - 19 6/11: de Saeger, H. et al.: KBIN: 1 [1 - 1] - 19 6/13: de Saeger, H. et al.: RMCA: 1 [1 - 1] - 19 6/14: de Saeger, H. et al.: RMCA: 1 [1 - 1 - 4].
- Marari:** 19 6/13: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].
- Marungu:** Collection Date Unknown: Böhm: ZMB: 1 [1 - 1 - 1].
- Masombwe:** Collection Date Unknown: ? : Collector Unknown: KBIN: 5 [5 - 5 - 5].
- Matadi:** Collection Date Unknown: Darteville, Dr.: RMCA: 1 [1 - 1 - 1].
- Mauda:** 19 2/26: Schouteden, H.: RMCA: 1 [1 - 1] - 19 3/02: Schouteden, H.: RMCA: 1 [1 - 1] - 19 3/16: Schouteden, H.: RMCA: 1 [1 - 1] - 19 3/21: Schouteden, H.: RMCA: 2 [2 - 2 - 5].
- May ya Moto:** 19 4/05: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].
- Mayembe:** Collection Date Unknown: ? : Collector Unknown: RMCA: 1 [1 - 1 - 1].
- Mbalaka:** Collection Date Unknown: Leirs, Herwig et al.: MSB: 2, RMCA: 3 [5 - 5] - 19 7/21: Leirs, Herwig et al.: MSB: 1, RMCA: 1 [2 - 2] - 19 7/23: Leirs, Herwig et al.: MSB: 1, RMCA: 1 [2 - 2] - 19 7/24: Leirs, Herwig et al.: RMCA: 1 [1 - 1 - 10].

- Mbuye-Bala affluent de la Muye:** Collection Date Unknown: ?: Collector Unknown: KBIN: 1 [1 - 1 - 1].
- Mbwambala:** Collection Date Unknown: Leirs, Herwig et al.: MSB: 1, RMCA: 1 [2 - 2] - 19 6/20: Leirs, Herwig et al.: RMCA: 2 [2 - 2] - 19 6/21: Leirs, Herwig et al.: RMCA: 1 [1 - 1] - 19 6/29: Leirs, Herwig et al.: MSB: 1 [1 - 1 - 6].
- Medje:** Collection Date Unknown: ?: Collector Unknown: AMNH: 2 [2]; Christy, D.C.: BMNH: 1 [1 - 3] - 19 3/14: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1] - 19 3/16: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1] - 19 8/27: Christy, D.C.: RMCA: 1 [1 - 1] - 19 9/07: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1] - 19 9/08: Lang, Herbert and Chapin, James, P.: AMNH: 2 [2 - 2 - 9].
- Menga:** Collection Date Unknown: Swanepoel, R.: TM: 2 [2 - 2 - 2].
- Meridi river:** 19 4/20: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].
- Mertens farm:** 19 5/19: Seydel: RMCA: 1 [1 - 1 - 1].
- Mimbulu:** 19 1/04: D'Haenens: RMCA: 1 [1 - 1 - 1].
- Mkundi:** Collection Date Unknown: Leirs, Herwig: UIA: 1 [1 - 1 - 1].
- Moanda:** 19 8/18: Schouteden, H.: RMCA: 1 [1 - 1] - 19 8/19: Schouteden, H.: RMCA: 1 [1 - 1] - 19 8/21: Schouteden, H.: RMCA: 2 [2 - 2 - 4].
- Moba:** Collection Date Unknown: ?: Collector Unknown: RMCA: 1 [1 - 1] - 19 2/06: Bomans, H.: RMCA: 1 [1 - 1] - 19 2/26: Bomans, H.: RMCA: 1 [1 - 1 - 3].
- Moera:** 19 5/12: Gyldenstolpe, N.: RMCA: 1 [1 - 1 - 1].
- Mogbwamu river, upper:** 19 7/08: de Saeger, H. et al.: RMCA: 1 [1 - 1 - 1].
- Moko river:** 19 6/20: de Saeger, H. et al.: KBIN: 2 [2 - 2 - 2].
- Moliro:** Collection Date Unknown: Lemaire: RMCA: 1 [1 - 1 - 1].
- Mongwalu:** Collection Date Unknown: Hartford-Jordens, (Mrs.): RMCA: 4 [4 - 4] - 19 2/13: Jordens, Mlle: RMCA: 1 [1 - 1] - 19 5/30: Janssens, Dr.: RMCA: 1 [1 - 1 - 6].
- Morubia:** 19 3/18: de Saeger, H. et al.: RMCA: 1 [1 - 1] - 19 6/13: de Saeger, H. et al.: RMCA: 1 [1 - 1] - 19 6/14: de Saeger, H. et al.: RMCA: 1 [1 - 1 - 3].
- Mosenge:** 19 8/15: WHO and Marc_Colyn: RMCA: 1 [1 - 1 - 1].
- M'Pala, Kazenze:** 19 1/22: Lefebure, R.P.: KBIN: 5 [5 - 5 - 5].
- Mugunga, Lake:** Collection Date Unknown: de Witte, G.F. et al: KBIN: 2, RMCA: 2 [4 - 4 - 4].
- Muhungu:** 19 2/12: Hendrickx, F.L.: RMCA: 1 [1 - 1 - 1].
- Mukishi:** 19 2/29: Becquet: RMCA: 1 [1 - 1 - 1].
- Mukuta:** 19 0/16: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 5 [5 - 5 - 5].
- Mukwande river:** Collection Date Unknown: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].
- Mulolo:** 19 3/15: Rahm, Uwe: BMNH: 1 [1 - 1 - 1].
- Mulongo:** 19 0/30: Gallagher, M.D. (Maj.): HZM: 1 [1 - 1] - 19 0/31: Gallagher, M.D. (Maj.): HZM: 1 [1 - 1 - 2].
- Mulungu:** Collection Date Unknown: Hendrickx, F.L.: RMCA: 3 [3 - 3 - 3].
- Mumene:** Collection Date Unknown: ?: Collector Unknown: BMNH: 1, RMCA: 6, SMF: 2 [9 - 9] - 19 2/28: Hygiene Services of the Congo: BMNH: 2 [2 - 2 - 11].
- Munoi confluence:** 19 6/02: de Witte, G.F. et al: KBIN: 3 [3 - 3 - 3].
- Murambi:** Collection Date Unknown: de Witte, G.F. et al: RMCA: 1 [1 - 1] - 19 3/27: Rahm, Uwe: RMCA: 1 [1 - 1] - 19 8/25: de Witte, G.F. et al: RMCA: 1 [1 - 1] - 19 8/25: de Witte, G.F. et al: RMCA: 1 [1 - 1] - 19 8/27: de Witte, G.F. et al: RMCA: 6 [6 - 6] - 19 9/21: de Witte, G.F. et al: RMCA: 1 [1 - 1] - 19 9/30: de Witte, G.F. et al: RMCA: 2 [2 - 2 - 13].
- Mushie:** Collection Date Unknown: Christie, J. (dr.): RMCA: 1 [1 - 1 - 1].
- Musonge:** Collection Date Unknown: ?: Collector Unknown: BMNH: 1, SMF: 1 [2 - 2 - 2].
- Mutsora Station:** 19 2/11: de Witte, G.F. et al: RMCA: 1 [1 - 1] - 19 2/13: de Witte, G.F. et al: RMCA: 1 [1 - 1] - 19 2/15: de Witte, G.F. et al: RMCA: 1 [1 - 1] - 19 4/11: de Wilde, J.: KBIN: 1 [1 - 1] - 19 8/04: de Witte, G.F. et al: RMCA: 1 [1 - 1] - 19 9/01: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 6].
- Mutwanga:** Collection Date Unknown: Hackard: RMCA: 2 [2 - 2 - 2].
- Mwebe bridge:** Collection Date Unknown: Swanepoel, R.: TM: 2 [2]; Swanepoel, R. (Prof.): TM: 2 [2 - 4 - 4].
- Mweka:** Collection Date Unknown: Huisgens, Dr.: RMCA: 1 [1 - 1] - 19 2/23: Heusgens, Dr.: RMCA: 1 [1 - 1 - 2].
- Mwenda-Katuka piste:** Collection Date Unknown: de Wilde, J.: KBIN: 16 [16 - 16 - 16].
- Nadegbe river:** 19 3/10: de Saeger, H. et al.: RMCA: 2 [2 - 2 - 2].
- Nakiluba:** 19 0/24: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 1 [1 - 1] - 19 1/14: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 2 [2 - 2 - 3].
- Nakpanga river:** Collection Date Unknown: de Saeger, H. et al.: RMCA: 1 [1 - 1] - 19 4/18: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 2].
- Nampume:** 19 3/06: de Saeger, H. et al.: KBIN: 2, RMCA: 1 [3 - 3 - 3].
- Ndelele:** 19 2/03: de Saeger, H. et al.: KBIN: 1 [1 - 1] - 19 3/13: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 2].
- Ne, Mount:** 19 9/25: Fain, Alexandre (Dr.): BMNH: 1, MHNG: 1 [2 - 2 - 2].
- Nepoko river:** Collection Date Unknown: Henrion, M.: RMCA: 1 [1 - 1 - 1].
- Netonna:** Collection Date Unknown: ?: Collector Unknown: SMF: 1 [1]; Hesse, P.: SMF: 3 [3 - 4 - 4].
- Ngayu:** 19 2/04: Chapin, James P. and Lang, Herbert: RMCA: 1 [1 - 1] - 19 2/17: Chapin, James P. and Lang, Herbert: AMNH: 3, RMCA: 1 [4 - 4 - 5].
- Ngombe:** 19 1/09: Schouteden, H.: RMCA: 4 [4 - 4] - 19 1/12: Schouteden, H.: RMCA: 2 [2 - 2 - 6].
- Niangara:** 19 1/06: Chapin, James P. and Lang, Herbert: RMCA: 1 [1 - 1] - 19 1/16: Chapin, James P. and Lang, Herbert: FMNH: 1 [1 - 1] - 19 1/26: Chapin, James P. and Lang, Herbert: AMNH: 1 [1 - 1] - 19 2/12: Chapin, James P. and Lang, Herbert: FMNH: 1 [1]; Lang, Herbert and Chapin, James, P.: AMNH: 2 [2 - 3] - 19 3/27: Chapin, James P. and Lang, Herbert: AMNH: 1 [1 - 1] - 19 6/02: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1 - 8].
- Niapu:** 19 1/27: Lang, Herbert and Chapin, James, P.: AMNH: 1 [1 - 1 - 1].
- Nkene:** 19 5/06: Rahm, Uwe: RMCA: 1 [1 - 1 - 1].
- Nyabikere:** 19 1/01: de Witte, G.F. et al: RMCA: 2 [2 - 2] - 19 2/01: de Witte, G.F. et al: RMCA: 7 [7 - 7] - 19 2/07: de Witte, G.F. et al: RMCA: 1 [1 - 1] - 19 8/18: de Witte, G.F. et al: RMCA: 10 [10 - 10 - 20].
- Nyakariba river, affluent of Fuko river:** 19 2/10: de Witte, G.F. et al: RMCA: 2 [2 - 2] - 19 8/30: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 3].
- Nyambasha:** 19 1/30: Rahm, Uwe: RMCA: 4 [4 - 4 - 4].
- Nzulu:** Collection Date Unknown: de Witte, G.F. et al: KBIN: 2, RMCA: 1 [3 - 3 - 3].
- Omaniundu:** 19 7/27: Laurent, R. (Prof. Dr.): RMCA: 2 [2 - 2 - 2].
- Panda-Camp:** 19 4/01: Anciaux de Faveaux, Michel: RMCA: 1 [1 - 1 - 1].

- Panga:** Collection Date Unknown: Schouteden, H.: RMCA: 9 [9 - 9 - 9].
- Paulis [=Isiro]:** Collection Date Unknown: Abbeles: RMCA: 2 [2 - 2] - 19 1/05: Abbeles: RMCA: 1 [1 - 1] - 19 2/10: Abbeles: RMCA: 1 [1 - 1] - 19 7/03: Chapin, James P. and Lang, Herbert: AMNH: 1 [1 - 1 - 5].
- Pawa:** Collection Date Unknown: ?: Collector Unknown: RMCA: 1 [1]; Radna, Dr.: RMCA: 1 [1 - 2] - 19 1/08: Degotte: RMCA: 3 [3 - 3 - 5].
- Pempere cave:** 19 6/11: Anciaux de Faveaux, Felix: SMF: 2 [2 - 2 - 2].
- Pempéré caves:** 19 0/20: Anciaux de Faveaux, Michel: RMCA: 1 [1 - 1 - 1].
- Pempere, Crevettes cave:** 19 8/07: Anciaux de Faveaux, Felix: SMF: 1 [1 - 1 - 1].
- Pempere, Defrenne cave:** 19 8/07: Anciaux de Faveaux, Felix: SMF: 2 [2 - 2 - 2].
- PFNK 15 + 16:** 19 2/07: de Saeger, H. et al.: RMCA: 1 [1 - 1 - 1].
- PFSK 8 + 17:** 19 3/25: de Saeger, H. et al.: RMCA: 3 [3 - 3 - 3].
- Pidigala Nord:** 19 4/23: de Saeger, H. et al.: KBIN: 2, RMCA: 2 [4 - 4] - 19 4/24: de Saeger, H. et al.: RMCA: 1 [1 - 1 - 5].
- Pilipili:** 19 2/16: Christie, J. (dr.): RMCA: 1 [1 - 1 - 1].
- Poko:** 19 2/25: Christie, J. (dr.): RMCA: 1 [1 - 1] - 19 7/17: Christie, J. (dr.): RMCA: 1 [1 - 1] - 19 7/21: Christie, J. (dr.): RMCA: 1 [1 - 1] - 19 8/02: Christie, J. (dr.): RMCA: 1 [1 - 1] - 19 8/22: Chapin, James P. and Lang, Herbert: AMNH: 1 [1 - 1 - 5].
- Putnam Camp:** Collection Date Unknown: Rahm, Uwe: RMCA: 1 [1 - 1 - 1].
- Rodahira river:** 19 0/28: de Witte, G.F. et al: RMCA: 1 [1 - 1] - 19 7/16: de Witte, G.F. et al: RMCA: 6 [6 - 6] - 19 8/05: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 8].
- Rumanura river:** 19 4/30: de Witte, G.F. et al: RMCA: 2 [2 - 2 - 2].
- Rusenyi river:** 19 3/10: de Witte, G.F. et al: RMCA: 6 [6 - 6] - 19 9/22: de Witte, G.F. et al: RMCA: 2 [2 - 2 - 8].
- Rutshuru:** Collection Date Unknown: ?: Collector Unknown: KBIN: 1 [1]; de Witte, G.F. et al: KBIN: 1, RMCA: 1 [2]; Ghesquière, J.: RMCA: 1 [1]; Grauer, Rudolf: NMW: 1 [1 - 5] - 19 1/20: de Witte, G.F. et al: RMCA: 5 [5 - 5] - 19 2/05: de Witte, G.F. et al: RMCA: 1 [1 - 1] - 19 2/09: de Witte, G.F. et al: RMCA: 6 [6 - 6] - 19 3/30: Ghesquière, J.: RMCA: 1 [1 - 1] - 19 3/31: Frechkop, Serge: RMCA: 1 [1 - 1] - 19 4/22: de Witte, G.F. et al: RMCA: 4 [4 - 4] - 19 4/30: Frechkop, Serge: KBIN: 1 [1 - 1] - 19 5/11: de Witte, G.F. et al: RMCA: 1 [1 - 1] - 19 5/29: Frechkop, Serge: RMCA: 1 [1 - 1] - 19 9/16: de Witte, G.F. et al: RMCA: 2 [2 - 2] - 19 9/19: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 29].
- Ruwenzori:** Collection Date Unknown: Grauer, Rudolf and Rolle, Hermann: ZMB: 1 [1 - 1 - 1].
- Ruwenzori SE:** Collection Date Unknown: ?: Collector Unknown: BMNH: 2 [2]; Dent, R.E.: BMNH: 3 [3 - 5] - 19 5/11: Woosnam, R.B.: BMNH: 1 [1 - 1] - 19 6/17: Dent, R.E.: BMNH: 1 [1 - 1 - 7].
- Sakania:** Collection Date Unknown: Coulon: RMCA: 1 [1 - 1 - 1].
- Scierie Forest:** Collection Date Unknown: Gallagher, M.D. (Maj.): BMNH: 1 [1 - 1] - 19 1/14: Gallagher, M.D. (Maj.): BMNH: 2 [2 - 2 - 3].
- Semmio:** 18 1/01: Bohndorff: RMNH: 1 [1 - 1 - 1].
- Shindaika:** 19 9/27: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 4 [4 - 4 - 4].
- Shinkolobwe:** 19 8/02: Anciaux de Faveaux, Michel: KBIN: 3, SMF: 2 [5 - 5 - 5].
- Sombe:** Collection Date Unknown: Lademann: ZMB: 1 [1 - 1 - 1].
- St Joseph de Luluabourg mission [=Kananga]:** 19 4/16: ?: Collector Unknown: BMNH: 1 [1 - 1 - 1].
- St.-Gerard mission:** 19 0/18: Anciaux de Faveaux, Michel: RMCA: 2, SMF: 1 [3 - 3] - 19 9/08: Anciaux de Faveaux, Michel: SMF: 1 [1 - 1 - 4].
- Stanleyville [=Kisangani]:** Collection Date Unknown: Colyn, Marc: RMCA: 26 [26]; Schouteden, H.: RMCA: 1 [1]; Schwarz, Ernst (dr.): RMCA: 1 [1]; Weyns: RMCA: 5 [5 - 33] - 19 1/05: Collart: RMCA: 1 [1 - 1] - 19 6/21: Schwarz, Ernst (dr.): RMCA: 1 [1 - 1] - 19 8/16: Collart: RMCA: 1 [1 - 1 - 36].
- Tandala:** 19 7/07: Robbins, C. Brian: USNM: 1 [1]; Robbins, Lynn W. and Robbins, C. Brian: CM: 2 [2 - 3] - 19 7/09: Robbins, Lynn W. and Robbins, C. Brian: CM: 3 [3 - 3] - 19 7/10: Robbins, Lynn W. and Robbins, C. Brian: CM: 3 [3 - 3] - 19 7/11: Robbins, C. Brian: USNM: 1 [1]; Robbins, Lynn W. and Robbins, C. Brian: CM: 1 [1 - 2] - 19 7/12: Robbins, Lynn W. and Robbins, C. Brian: CM: 1 [1 - 1] - 19 7/13: Robbins, Lynn W. and Robbins, C. Brian: CM: 3 [3 - 3] - 19 7/16: Robbins, Lynn W.: USNM: 1 [1 - 1] - 19 7/16: Robbins, Lynn W. and Robbins, C. Brian: CM: 4 [4 - 4] - 19 7/18: Robbins, C. Brian: USNM: 1 [1 - 1] - 19 7/20: Robbins, Lynn W. and Robbins, C. Brian: CM: 4 [4 - 4 - 25].
- Tantara caves:** 19 9/29: Anciaux de Faveaux, Michel: MHNG: 1 [1 - 1 - 1].
- Tantara, cave, "Trou aux Serpents":** 19 6/30: Anciaux de Faveaux, Felix: SMF: 1 [1 - 1 - 1].
- Temvo:** 19 3/08: Schouteden, H.: RMCA: 1 [1 - 1 - 1].
- Tenke, Mwela-Pande cave:** 19 1/11: Anciaux de Faveaux, Felix: SMF: 1 [1 - 1 - 1].
- Teturi:** 19 3/23: Hiernaux, J.: KBIN: 1 [1 - 1] - 19 3/24: Hiernaux, J.: KBIN: 2 [2 - 2] - 19 5/24: Hiernaux, J.: KBIN: 1 [1 - 1] - 19 5/25: Hiernaux, J.: KBIN: 1 [1 - 1] - 19 9/12: Hiernaux, J.: KBIN: 1 [1 - 1] - 19 9/17: Hiernaux, J.: KBIN: 1 [1 - 1 - 7].
- Tschakala:** Collection Date Unknown: Colyn, Marc: RMCA: 5 [5 - 5 - 5].
- Tschuapa:** Collection Date Unknown: ?: Collector Unknown: KBIN: 1 [1 - 1 - 1].
- Tshambi:** Collection Date Unknown: de Witte, G.F. et al: RMCA: 1 [1 - 1 - 1].
- Tshibaka:** 19 8/25: Poll, Max: RMCA: 1 [1 - 1 - 1].
- Tshibinda:** 19 9/16: Hendrickx, F.L.: RMCA: 1 [1 - 1 - 1].
- Tshikapa:** 19 1/16: Schouteden, H.: RMCA: 1 [1 - 1] - 19 1/24: Schouteden, H.: RMCA: 1 [1 - 1] - 19 1/28: Schouteden, H.: RMCA: 1 [1 - 1 - 3].
- Tshisangwe:** 19 9/27: Anciaux de Faveaux, Michel and Lips, M.: RMCA: 2 [2 - 2 - 2].
- Tshuapa river, upper:** Collection Date Unknown: Ghesquière, J.: RMCA: 1 [1 - 1 - 1].
- Tungu, mount:** 19 6/17: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].
- Uele River:** Collection Date Unknown: Hutereau, M.: BMNH: 1 [1 - 1 - 1].
- Ukaika:** Collection Date Unknown: Grauer, Rudolf: NMW: 2 [2]; Grauer, Rudolf (Exped. Finanziert durch Ph. V. Oberlander): NMW: 3 [3 - 5 - 5].
- unknown locality:** Collection Date Unknown: NATURE ????: TM: 1 [1 - 1 - 1].
- Utu:** 19 2/06: Rahm, Uwe: RMCA: 1 [1 - 1 - 1].
- Utukuru:** 19 6/10: de Saeger, H. et al.: KBIN: 1 [1 - 1 - 1].
- Uvira:** Collection Date Unknown: ?: Collector Unknown: RMCA: 1 [1]; Grauer, Rudolf: NMW: 2, ZMB: 4 [6]; Laurent, R. (Prof. Dr.): RMCA: 1 [1]; Leleup, N.: RMCA: 1 [1]; Schmitt and Baker: USNM: 2 [2 - 11] - 19 2/01: Graub: NMW: 1 [1 - 1] - 19 3/02: Leleup, N.: RMCA: 4 [4 - 4] - 19 3/03: Leleup, N.: RMCA: 1 [1 - 1] - 19 4/19: Lambrecht, F.L.: RMCA: 1 [1 - 1] - 19 9/12: Leleup, N.: RMCA: 1 [1 - 1 - 19].
- Vitshumbi:** Collection Date Unknown: de Witte, G.F. et al: KBIN: 1 [1 - 1] - 19 1/02: KEA-Mission: KBIN: 1 [1 - 1] - 19 9/28: de

- Witte, G.F. et al: KBIN: 1 [1 - 1 - 3].
- Wafanya:** Collection Date Unknown: Lootens, P. (Rev.): RMCA: 1 [1 - 1] - 19 1/03: Lootens, P. (Rev.): RMCA: 3 [3 - 3] - 19 1/28: Lootens, P. (Rev.): RMCA: 1 [1 - 1] - 19 2/05: Lootens, P. (Rev.): RMCA: 1 [1 - 1] - 19 2/05: Lootens, P. (Rev.): RMCA: 1 [1 - 1] - 19 2/10: Lootens, P. (Rev.): RMCA: 1 [1 - 1 - 8].
- Wago Forest:** 19 6/01: ? : Collector Unknown: RMCA: 1 [1 - 1 - 1].
- Wago, mount:** Collection Date Unknown: Fain, Alexandre (Dr.): RMCA: 14 [14 - 14] - 19 1/01: Fain, Alexandre (Dr.): RMCA: 2 [2 - 2 - 16].
- Wasa Wago, mount:** Collection Date Unknown: Fain, Alexandre (Dr.): RMCA: 1 [1 - 1] - 19 8/01: Fain, Alexandre (Dr.): BMNH: 1 [1 - 1] - 19 9/21: Fain, Alexandre (Dr.): RMCA: 1 [1 - 1] - 19 9/25: Fain, Alexandre (Dr.): RMCA: 1 [1 - 1 - 4].
- Wilibadi river:** 19 1/30: de Saeger, H. et al.: KBIN: 1 [1 - 1] - 19 4/16: Hediger and Verschuren, Jacques: KBIN: 4 [4 - 4 - 5].
- Yalosemba:** 19 6/10: Robbins, Lynn W. and Robbins, C. Brian: CM: 1 [1 - 1] - 19 6/17: Robbins, C. Brian: USNM: 2 [2]; Robbins, Lynn W. and Robbins, C. Brian: CM: 1 [1 - 3] - 19 6/23: Robbins, Lynn W. and Robbins, C. Brian: CM: 1 [1 - 1] - 19 6/27: Robbins, C. Brian: USNM: 1 [1 - 1] - 19 6/28: Robbins, Lynn W. and Robbins, C. Brian: CM: 1 [1 - 1 - 7].
- Yambatu:** 19 3/11: de Giorgi: RMCA: 1 [1 - 1 - 1].
- Yangambi:** 19 1/10: Gilbert, G.: KBIN: 1 [1 - 1] - 19 2/07: Van Boven, R.P.: RMCA: 1 [1 - 1] - 19 7/29: Gilbert, G.: KBIN: 1 [1 - 1] - 19 8/08: Gilbert, G.: KBIN: 1, RMCA: 1 [2 - 2 - 5].
- Zobia:** Collection Date Unknown: ? : Collector Unknown: KBIN: 3 [3 - 3] - 19 4/18: Van Woensel, R.P.: KBIN: 1 [1 - 1 - 4].

Total Specimens for Congo (Democratic Republic of the): 2315

Cote D'Ivoire

- : Collection Date Unknown: MNHN: 1 [1 - 1 - 1].
- "piste de Lamtu":** Collection Date Unknown: Vuattox, R.: MNHN: 1 [1 - 1 - 1].
- Abidjan, 15 km NW:** 19 1/12: Gruwell, J.A.: CM: 1 [1 - 1 - 1].
- Adiopodoumé:** Collection Date Unknown: Vissault: ZMB: 1 [1 - 1 - 1].
- Asakra:** 19 9/08: Rahm, Uwe and Aellen, Villy: MHNG: 3 [3 - 3 - 3].
- Banama Blanc:** 19 7/24: Parelus, D.: FMNH: 1 [1 - 1 - 1].
- Banco, forêt de:** 19 1/28: LeDuc, J.W.: USNM: 6 [6 - 6] - 19 5/29: LeDuc, J.W.: USNM: 1 [1]; Robbins, Lynn W.: USNM: 1 [1 - 2] - 19 7/16: Aellen, Villy: MHNG: 1 [1 - 1 - 9].
- Blekoum:** 19 1/18: LeDuc, J.W.: USNM: 1 [1 - 1 - 1].
- Bouake:** Collection Date Unknown: Logier, E.B.S.: MNHN: 1 [1 - 1 - 1].
- Bouake, 25 km N:** 19 0/31: Gruwell, J.A.: CM: 1 [1 - 1 - 1].
- Bouna:** Collection Date Unknown: McIntyre, T.J.: USNM: 2 [2]; Robbins, Lynn W.: USNM: 2 [2 - 4] - 19 7/01: Robbins, Lynn W.: USNM: 1 [1 - 1] - 19 7/05: McIntyre, T.J.: USNM: 4 [4]; Robbins, Lynn W.: USNM: 3 [3 - 7 - 12].
- Cosrou:** 19 7/24: Aellen, Villy: MHNG: 2 [2 - 2] - 19 8/19: Aellen, Villy: MHNG: 2 [2 - 2 - 4].
- Doropo:** 19 8/24: Thys Van den Audenaerde, Dirk and Verheyen, Walter N.: RMCA: 1 [1 - 1 - 1].
- Duekoue:** 19 5/13: Aellen, Villy: MHNG: 1 [1 - 1 - 1].
- Ehania:** 19 1/12: LeDuc, J.W.: USNM: 2 [2]; Robbins, Lynn W.: USNM: 1 [1 - 3 - 3].
- Fetekro:** 19 7/14: Robbins, Lynn W.: USNM: 1 [1 - 1] - 19 7/16: Robbins, Lynn W.: USNM: 2 [2 - 2] - 19 7/17: McIntyre, T.J.: USNM: 2 [2 - 2 - 5].
- Flamplieu:** Collection Date Unknown: Thys Van den Audenaerde, Dirk and Verheyen, Walter N.: RMCA: 2 [2 - 2] - 19 7/25: Thys Van den Audenaerde, Dirk and Verheyen, Walter N.: RMCA: 1 [1 - 1 - 3].
- Foro Foro:** 19 8/21: Thomas: HZM: 2 [2 - 2 - 2].
- Gueboua:** 19 0/23: Bellier, Louis: RMCA: 3 [3 - 3] - 19 6/12: Robbins, Lynn W.: AMNH: 2 [2 - 2 - 5].
- IET-Station:** Collection Date Unknown: Fahr, Jakob: SMF: 1 [1 - 1 - 1].
- Iringou gallery forest, transect 3:** Collection Date Unknown: Fahr, Jakob: SMF: 1 [1 - 1 - 1].
- island forest 35, transect 1:** Collection Date Unknown: Fahr, Jakob: SMF: 1 [1 - 1 - 1].
- Ivory Coast:** Collection Date Unknown: ? : Collector Unknown: MNHN: 1, RMCA: 1 [2]; Bellier, Louis: RMCA: 26 [26]; Bellier, Louis and Selens, M.: RMCA: 1 [1 - 29 - 29].
- Jacqueville:** 19 2/22: LeDuc, J.W.: USNM: 2 [2 - 2 - 2].
- Kahin:** 19 3/01: LeDuc, J.W.: USNM: 1 [1 - 1] - 19 3/03: Robbins, Lynn W.: USNM: 1 [1 - 1] - 19 3/05: LeDuc, J.W.: USNM: 1 [1]; Robbins, Lynn W.: USNM: 1 [1 - 2 - 4].
- Kong:** Collection Date Unknown: LeDuc, J.W.: USNM: 1 [1 - 1] - 19 5/15: LeDuc, J.W.: USNM: 26 [26]; Robbins, Lynn W.: USNM: 1 [1 - 27] - 19 5/19: Robbins, Lynn W.: USNM: 1 [1 - 1 - 29].
- Kongo-Savanna, transect 5:** Collection Date Unknown: Fahr, Jakob: SMF: 2 [2 - 2 - 2].
- Lakota, 15 km N:** 19 0/23: Gruwell, J.A.: CM: 1 [1 - 1 - 1].
- Lamto Ecology Station:** Collection Date Unknown: Bellier, Louis: RMCA: 1, ZMB: 1 [2 - 2] - 19 3/23: Bellier, Louis: RMCA: 1 [1 - 1] - 19 7/01: Fenton, M. Brock: ROM: 1 [1 - 1 - 4].
- Lola camp [gallery forest]:** Collection Date Unknown: Salewski, V. and Ueberschaer, K.: SMF: 1 [1]; Steffen, J.: SMF: 1 [1 - 2 - 2].
- Niebe:** 19 2/27: Robbins, Lynn W.: USNM: 1 [1 - 1 - 1].
- Oumé:** 19 5/28: Bellier, Louis: RMCA: 1 [1 - 1 - 1].
- Saibly:** 19 8/02: Thys Van den Audenaerde, Dirk and Verheyen, Walter N.: RMCA: 1 [1 - 1 - 1].
- Sibabli, 6 km W:** 19 2/21: Lim, Burton K.: ROM: 2 [2 - 2 - 2].
- Soubre, 10 mi WNW:** 19 6/12: McIntyre, T.J.: USNM: 1 [1]; Robbins, Lynn W.: USNM: 1 [1 - 2 - 2].
- Tiegba [5 locs]:** 19 9/28: Rahm, Uwe and Aellen, Villy: MHNG: 1 [1 - 1 - 1].
- Toyebli:** 19 8/02: Thys Van den Audenaerde, Dirk and Verheyen, Walter N.: RMCA: 1 [1 - 1] - 19 8/03: Thys Van den Audenaerde, Dirk and Verheyen, Walter N.: RMCA: 2 [2 - 2 - 3].
- Tule:** 19 5/12: LeDuc, J.W.: USNM: 1 [1 - 1 - 1].
- Tyenko:** 19 3/07: LeDuc, J.W.: USNM: 2 [2 - 2 - 2].
- Yapo-Sud:** 19 2/11: Robbins, Lynn W.: USNM: 3 [3 - 3] - 19 2/13: Robbins, Lynn W.: USNM: 1 [1 - 1 - 4].

Total Specimens for Cote D'Ivoire: 150

Côte d'Ivoire

Adiopodoumé: 19 0/08: MHNG: 1 [1 - 1] - 19 0/12: Bellier, Louis: RMCA: 1 [1 - 1] - Collection Date Unknown: Bellier, Louis: RMCA: 15 [15]; Bellier, Louis and Selens, M.: RMCA: 1 [1]; Doucet, J. (dr.): MHNG: 1 [1 - 17] - 19 1/15: Rahm, Uwe and Aellen, Villy: MHNG: 1 [1 - 1] - 19 1/19: De Vree, Frits: RMCA: 1 [1 - 1] - 19 1/30: Bellier, Louis: RMCA: 1 [1 - 1] - 19 2/05: Bellier, Louis and Selens, M.: RMCA: 1 [1 - 1] - 19 2/06: LeDuc, J.W.: USNM: 1 [1 - 1] - 19 2/11: Bellier, Louis and Selens, M.: RMCA: 2 [2 - 2] - 19 2/22: Bellier, Louis and Selens, M.: RMCA: 3 [3 - 3] - 19 2/22: Bellier, Louis: RMCA: 2 [2 - 2] - 19 2/23: Bellier, Louis and Selens, M.: RMCA: 1 [1 - 1] - 19 2/24: Bellier, Louis and Selens, M.: RMCA: 5 [5 - 5] - 19 2/26: Bellier, Louis: RMCA: 1 [1 - 1] - 19 2/28: Bellier, Louis: RMCA: 5 [5 - 5] - 19 3/03: Bellier, Louis: RMCA: 3 [3 - 3] - 19 3/04: Bellier, Louis: RMCA: 1 [1 - 1] - 19 3/11: Bellier, Louis: RMCA: 4 [4 - 4] - 19 4/18: Robbins, Lynn W.: USNM: 1 [1 - 1] - 19 4/22: LeDuc, J.W.: USNM: 1 [1]; Robbins, Lynn W.: USNM: 1 [1 - 2] - 19 4/24: Bellier, Louis: RMCA: 1 [1 - 1] - 19 6/23: De Vree, Frits and De Roo, Antoon: RMCA: 4 [4 - 4] - 19 6/26: Aellen, Villy: MHNG: 1 [1 - 1] - 19 7/10: Bellier, Louis: RMCA: 1 [1 - 1] - 19 7/11: Bellier, Louis: RMCA: 23 [23 - 23] - 19 7/14: Bellier, Louis: RMCA: 1 [1 - 1] - 19 7/15: Bellier, Louis: RMCA: 1 [1 - 1] - 19 7/15: Aellen, Villy: MHNG: 1 [1 - 1] - 19 7/16: Thys Van den Audenaerde, Dirk and Verheyen, Walter N.: RMCA: 1 [1 - 1] - 19 7/20: Aellen, Villy: MHNG: 2 [2 - 2] - 19 8/03: Thys Van den Audenaerde, Dirk and Verheyen, Walter N.: RMCA: 1 [1 - 1] - 19 8/14: Aellen, Villy: MHNG: 1 [1 - 1] - 19 8/18: Aellen, Villy: MHNG: 1 [1 - 1] - 19 8/20: Aellen, Villy: MHNG: 1 [1 - 1] - 19 9/03: Rahm, Uwe and Aellen, Villy: MHNG: 1 [1 - 1 - 95].

Total Specimens for Côte d'Ivoire: 95

Crete

Mount Gova: Collection Date Unknown: TM: 1 [1 - 1 - 1].

Total Specimens for Crete: 1

Djibouti

Ali-Sabieh: Collection Date Unknown: FMNH: 1 [1 - 1] - 19 6/07: Hoogstraal, Harry H.: FMNH: 1 [1 - 1] - 19 7/06: Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 3].

Djibouti: 19 7/04: Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 1].

no specific locality: Collection Date Unknown: Biedermann, Mr.: ZMB: 1 [1 - 1 - 1].

Obock: Collection Date Unknown: Jousseaume: MNHN: 1 [1]; Tousseaume, dr.: MNHN: 3 [3 - 4 - 4].

Total Specimens for Djibouti: 9

Egypt

: Collection Date Unknown: SMNS: 2 [2 - 2] - 19 5/20: Hoogstraal, Harry H.: FMNH: 2 [2 - 2 - 4].

"Tor Sinai": Collection Date Unknown: Plate: ZMB: 1 [1 - 1 - 1].

Abu Ghaleb, 2 km N: 19 7/27: Qumsiyeh, Mazin: CM: 7 [7 - 7 - 7].

Abu Rawash: Collection Date Unknown: Hoogstraal, Harry H.: USNM: 11 [11]; Robbins, Lynn W.: CM: 1 [1 - 12] - 19 1/17: Hoogstraal, Harry H.: FMNH: 1 [1 - 1] - 19 1/23: Madkour, Gamal: CM: 1 [1 - 1] - 19 2/02: Hoogstraal, Harry H. and Kaiser, M.N.: FMNH: 1 [1 - 1] - 19 2/09: Hunter in house: CM: 2 [2 - 2] - 19 2/15: Madkour, Gamal: CM: 2 [2 - 2] - 19 2/16: Madkour, Gamal: CM: 1 [1 - 1] - 19 2/18: Hoogstraal, Harry H.: FMNH: 1 [1 - 1] - 19 2/30: Hoogstraal, Harry H.: FMNH: 1 [1 - 1] - 19 3/03: Bonhote, John James Lewis and Flower, Maj. S.S.: BMNH: 1 [1 - 1] - 19 3/12: Hoogstraal, Harry H.: USNM: 1 [1 - 1] - 19 3/27: Madkour, Gamal: CM: 1 [1 - 1] - 19 5/08: Hoogstraal, Harry H.: USNM: 2 [2 - 2 - 27].

Al Bahr Al Ahmar: Collection Date Unknown: Klunzinger: ZMB: 2 [2 - 2 - 2].

Alexandria: Collection Date Unknown: Siépy, dr.: MNHN: 3 [3 - 3] - 19 2/19: Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 4].

Aswan: Collection Date Unknown: Anderson, John (dr.): BMNH: 1 [1 - 1] - 19 7/04: Robbins, Lynn W.: CM: 1 [1 - 1 - 2].

Aswan governate: 19 0/10: Hoogstraal, Harry H.: FMNH: 1 [1 - 1] - 19 2/25: Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 2].

Ataka Mountains: 19 3/05: Jennings, M.C.: HZM: 1 [1 - 1 - 1].

Bahig: 19 5/09: Hoogstraal, Harry H.: FMNH: 1 [1 - 1] - 19 8/16: Kiepenhauer; Linsenmair [and the U.S. Navy Medical Research Unit 3 (NaMRU 3)]: SMF: 1 [1 - 1 - 2].

Beltim: Collection Date Unknown: Anderson, Mrs. and Anderson, John (dr.): BMNH: 1 [1 - 1 - 1].

Bulaq: Collection Date Unknown: Siya, S.: BMNH: 1 [1 - 1 - 1].

Burgh-El-Arab: 19 2/29: Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 1].

Cairo: Collection Date Unknown: ? : Collector Unknown: ZMB: 1 [1]; Beccari, Odoardo (dr.): ZMB: 1 [1]; Bennwarth: SMF: 1 [1]; Hornung, Dr.: CAS: 1 [1]; Innes, Walter (dr.): BMNH: 1 [1]; Kistel: ZMB: 1 [1]; Kulzer, Edwin: SMF: 31 [31]; Schlieffen, Graf: ZMB: 4 [4]; Stuhlmann, Franz (dr.): ZMH: 2 [2 - 43] - 18 2/10: Roosevelt, T.: USNM: 1 [1 - 1 - 44].

Cairo and Ismaila, between: 19 1/05: Rau, R.: SMF: 1 [1 - 1 - 1].

Cairo, 20 km S: Collection Date Unknown: Kulzer, Edwin: SMF: 3 [3 - 3 - 3].

Cairo, Gizeh and Theben, between: Collection Date Unknown: Anderson, John (dr.): BMNH: 2 [2 - 2 - 2].

Cairo, S of: Collection Date Unknown: Kulzer, Edwin: SMF: 2 [2 - 2 - 2].

Dandarah: Collection Date Unknown: Fraas and Mangold: SMNS: 3 [3 - 3] - 19 1/01: Tattarsal, I.: AMNH: 1 [1 - 1] - 19 7/18: Qumsiyeh, Mazin: CM: 3 [3 - 3] - 19 7/19: Qumsiyeh, Mazin: CM: 2 [2 - 2] - 19 9/08: Hoogstraal, Harry H.: FMNH: 3 [3 - 3 - 12].

Denderah [=Dandarah]: Collection Date Unknown: Hartmann, von Barnim: ZMB: 6 [6]; von Barnim, Hartmann: ZMB: 1 [1 - 7 - 7].

Eastern desert of Egypt: 19 8/03: MacKilligan, Arthur M.: BMNH: 1 [1 - 1 - 1].

Edfu: 19 7/04: Helmy, Ibrahim: CM: 7 [7 - 7] - 19 8/08: Helmy, Ibrahim: CM: 2 [2]; Robbins, Lynn W.: CM: 2 [2 - 4] - 19 8/18: Kiepenhauer; Linsenmair [and the U.S. Navy Medical Research Unit 3 (NaMRU 3)]: SMF: 7 [7 - 7 - 18].

Egypt: Collection Date Unknown: ? : Collector Unknown: BMNH: 1, MNHN: 7, RMNH: 4, SMF: 1, SMNS: 2, SMTD: 1 [16];

- Christie, J. (dr.): BMNH: 2 [2]; de Selys-Longschamps: KBIN: 1 [1]; Dobson, George Edward: BMNH: 1 [1]; Lefebvre, A.: MNHN: 1 [1]; Rüppell, Edward (dr.): RMNH: 1, SMF: 11 [12]; Schlüter, Wm.: ZFMK: 1 [1]; Schneider, G.: MHNG: 2 [2 - 36] - 19 4/11: Lohr, Dr. R.: NMW: 1 [1 - 1] - 19 7/25: de Selys-Longschamps: KBIN: 1 [1 - 1 - 38].
- El Badrshain:** 19 1/11: Hoogstraal, Harry H.: FMNH: 11 [11 - 11 - 11].
- El Qasr:** 19 3/11: Hoogstraal, Harry H. and Kaiser, M.N.: FMNH: 3 [3 - 3 - 3].
- El Tur:** Collection Date Unknown: ? : Collector Unknown: BMNH: 1, ZMB: 1 [2 - 2 - 2].
- Giza [=Gizeh]:** Collection Date Unknown: Anderson, J.: BMNH: 2 [2]; Hasselquist: ZMUC: 1 [1]; Rüppell, Edward (dr.): SMF: 1 [1 - 4 - 4].
- Giza [=Gizeh]: Restricted from "Egypt" to Giza:** Collection Date Unknown: ? : Collector Unknown: MNHN: 1 [1 - 1 - 1].
- Gizeh:** 19 0/16: Nicoll, J.: BMNH: 4 [4 - 4] - Collection Date Unknown: ? : Collector Unknown: BMNH: 1 [1]; Anderson, John (dr.): BMNH: 1 [1]; Bonhote, John James Lewis and Flower, Maj. S.S.: BMNH: 1 [1]; Dodson, W.: BMNH: 3 [3]; Nicoll, J.: BMNH: 1 [1]; Phillips, John C.; Allen, Glover Morrill - [the Sudan Expedition]: MCZ: 4 [4 - 11] - 19 1/23: Gizya, E.Z.S.: BMNH: 1 [1 - 1] - 19 2/13: Phillips, John C.; Allen, Glover Morrill - [the Sudan Expedition]: AMNH: 1, FMNH: 1 [2 - 2] - 19 8/29: Flower, S.S. (Maj.): BMNH: 1 [1 - 1] - 19 9/26: Kulzer, Edwin: HZM: 1 [1 - 1 - 20].
- Gizeh piramide:** 19 3/14: Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 1].
- Gizeh, Great Pyramid:** Collection Date Unknown: ? : Collector Unknown: MNHN: 1 [1 - 1 - 1].
- Helonan [=Helouan -> Helwan]:** Collection Date Unknown: Mook, Schneider, Basel: ZMB: 2 [2 - 2 - 2].
- Helvan [=Helwan]:** Collection Date Unknown: ? : Collector Unknown: ZMB: 1 [1 - 1 - 1].
- Jabal Musa:** Collection Date Unknown: Tristram, H.B.J. (Rév.): BMNH: 1 [1 - 1 - 1].
- Jebel Drunka:** 19 3/28: ? : Collector Unknown: FMNH: 1 [1 - 1 - 1].
- Kafr Dawud:** Collection Date Unknown: Hoogstraal, Harry H.: USNM: 5 [5 - 5 - 5].
- Karnak:** Collection Date Unknown: Anderson, John (dr.): BMNH: 2 [2 - 2 - 2].
- Khayzan:** Collection Date Unknown: Anderson, John (dr.): BMNH: 1 [1 - 1 - 1].
- Kings graves near Deir al Bahari:** Collection Date Unknown: Fritsch: ZMB: 1 [1 - 1 - 1].
- Kom Hamada:** Collection Date Unknown: Hoogstraal, Harry H.: USNM: 5 [5 - 5] - 19 6/25: Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 6].
- Kom O Shim:** Collection Date Unknown: Hoogstraal, Harry H.: USNM: 2 [2 - 2 - 2].
- Kom Ombo:** Collection Date Unknown: ? : Collector Unknown: MNHN: 1 [1 - 1 - 1].
- Lake Moeris:** 19 3/13: Bonhote, John James Lewis and Flower, Maj. S.S.: BMNH: 1 [1 - 1 - 1].
- Luxor:** 19 0/03: Nelson, H.: FMNH: 2 [2 - 2] - Collection Date Unknown: Hirst, A.S.: BMNH: 1 [1]; Rothschild, Nathaniel Charles: BMNH: 3 [3 - 4 - 6].
- Manzala East:** 19 5/10: Geene, R.: ZMA: 1 [1 - 1 - 1].
- near Luxor:** Collection Date Unknown: ? : Collector Unknown: BMNH: 1, MNHN: 2 [3 - 3 - 3].
- Nile:** Collection Date Unknown: ? : Collector Unknown: BMNH: 2 [2 - 2 - 2].
- no specific locality:** Collection Date Unknown: ? : Collector Unknown: BMNH: 1, ZMB: 1 [2]; Doria, Giacomo (Marchese): ZMB: 6 [6]; Effeldt: ZMB: 5 [5]; Ehrenberg: ZMB: 1 [1]; ex Museum Wien: ZMB: 1 [1]; Fritsch: ZMB: 1 [1]; Hemprich & Ehrenberg: ZMB: 13 [13]; Lepsius: ZMB: 2 [2]; Michahelles: ZMB: 4 [4]; Pareiß: ZMB: 2 [2]; von Sack, Graf: ZMB: 1 [1 - 38 - 38].
- Originally North Africa, but restricted to southern Egypt:** Collection Date Unknown: Christie, Turnbull (Maj.): BMNH: 1 [1 - 1 - 1].
- Port Said, 10 mi S:** 19 0/30: Hoogstraal, Harry H.: FMNH: 3 [3 - 3] - 19 3/05: Geene, R.: ZMA: 2 [2 - 2 - 5].
- Ras Abu el Darag:** 19 0/12: Back, H.E.: ZFMK: 1 [1 - 1 - 1].
- Sakhara [=Saqqara]:** Collection Date Unknown: Hemprich & Ehrenberg: ZMB: 1 [1 - 1 - 1].
- Sakkhara [=Saqqara]:** Collection Date Unknown: Hemprich & Ehrenberg: ZMB: 1 [1 - 1 - 1].
- Saqqara:** Collection Date Unknown: ? : Collector Unknown: ZMB: 2 [2]; Hoogstraal, Harry H.: USNM: 8 [8]; Robbins, Lynn W.: CM: 1 [1 - 11] - 19 3/16: Hoogstraal, Harry H.: FMNH: 1 [1 - 1] - 19 6/16: Kock, Dieter: SMF: 2 [2 - 2] - 19 7/14: Qumsiyeh, Mazin: CM: 2 [2 - 2] - 19 8/01: Kiepenhauer; Linsenmair [and the U.S. Navy Medical Research Unit 3 (NaMRU 3)]: SMF: 8 [8 - 8] - 19 8/06: Robbins, Lynn W.: CM: 9 [9 - 9 - 33].
- Seila:** 19 0/02: Flower, S.S. (Maj.) - [the Giza Zoological Museum]: BMNH: 8 [8 - 8 - 8].
- Sharqiya:** Collection Date Unknown: Schrader: ZMB: 3 [3 - 3 - 3].
- Sinnuris:** 19 7/07: Hoogstraal, Harry H.: FMNH: 2 [2 - 2 - 2].
- Siwa Oasis:** Collection Date Unknown: ? : Collector Unknown: BMNH: 1 [1 - 1 - 1].
- Suez area:** Collection Date Unknown: Edwards, et al.: MNHN: 1 [1 - 1 - 1].
- Thebe:** Collection Date Unknown: ? : Collector Unknown: BMNH: 1, MHNG: 1 [2 - 2 - 2].
- Thebes:** Collection Date Unknown: ? : Collector Unknown: MNHN: 1 [1 - 1 - 1].
- Zawyet Umm El Rakham:** 19 9/24: Hoogstraal, Harry H.: FMNH: 4 [4 - 4 - 4].
- Zawyet Umm El Rakham, 0.5 mi:** 19 0/08: Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 1].
- Zokila:** 19 3/01: Wells, W.H.: USNM: 4 [4 - 4 - 4].

Total Specimens for Egypt: 369

Egypt ?

no specific locality: Collection Date Unknown: ZMB: 1 [1]; Schlieffen, Graf: ZMB: 1 [1 - 2 - 2].

Total Specimens for Egypt ? : 2

Egypt/Sudan

Aswan [in Egypt and Chondek, Northern Province in Sudan]: Collection Date Unknown: ZMB: 1 [1 - 1 - 1].

Total Specimens for Egypt/Sudan: 1

Equatorial Guinea

Attogondama: Collection Date Unknown: ZMB: 4 [4 - 4 - 4].
Banapa: Collection Date Unknown: Basilio, Aurelio (Rev.): AMNH: 1 [1 - 1 - 1].
Banlesbeni: Collection Date Unknown: ?; Collector Unknown: BMNH: 4 [4 - 4 - 4].
Bata: 19 2/19: Martorell, F.: RMCA: 1 [1 - 1 - 1].
Benito river: Collection Date Unknown: ?; Collector Unknown: BMNH: 1 [1]; Bates, G.L.: BMNH: 1 [1 - 2] - 18 1/22: Bates, G.L.: BMNH: 1 [1 - 1] - 18 2/11: Bates, G.L.: BMNH: 1 [1 - 1] - 18 9/07: Bates, G.L.: BMNH: 1 [1 - 1 - 5].
Benito River, 15 mi [= 24 km] from mouth: Collection Date Unknown: Bates, G.L.: BMNH: 1 [1 - 1 - 1].
Beoken Noja [?=Noya river]: Collection Date Unknown: Escherich: ZMB: 1 [1 - 1 - 1].
Bioko [=former Fernando Po]: Collection Date Unknown: ?; Collector Unknown: BMNH: 1 [1 - 1 - 1].
Bubi Town: Collection Date Unknown: Seimund, E.: BMNH: 1 [1 - 1 - 1].
Ekododo: Collection Date Unknown: Escherich: ZMB: 2 [2 - 2 - 2].
Fernando Po [=Bioko island]: Collection Date Unknown: ?; Collector Unknown: BMNH: 3 [3]; Basilio, Aurelio (Rev.): AMNH: 1 [1]; Bowens, E. (Capt.): BMNH: 1 [1]; Buchholz: ZMB: 1 [1]; Eidmann: ZMB: 1 [1 - 7 - 7].
Fish Town: 19 1/02: Seimund, E.: BMNH: 1 [1 - 1 - 1].
Nkolentangan: Collection Date Unknown: Tessmann: ZMB: 2 [2 - 2 - 2].
no specific locality: Collection Date Unknown: Escherich: ZMB: 1 [1 - 1 - 1].
San Carlos: Collection Date Unknown: Eisentraut, Martin: ZFMK: 1 [1 - 1 - 1].
San Fernando cave: 19 7/26: de la Escalera, D. Manuel: MNCN: 2 [2 - 2 - 2].

Total Specimens for Equatorial Guinea: 35

Eritrea

Adi Ugri: Collection Date Unknown: MZUF: 10 [10 - 10 - 10].
Assab: Collection Date Unknown: Kittenberger, K.: HNHM: 3 [3 - 3] - 19 8/01: Felter, P.: HNHM: 1 [1 - 1 - 4].
Bogob: Collection Date Unknown: Kraus, F.: RMNH: 1 [1 - 1 - 1].
Bogos country: Collection Date Unknown: ?; Collector Unknown: ZMB: 1 [1]; Gerrard: ZMB: 2 [2 - 3 - 3].
Dongollo Basso: Collection Date Unknown: ?; Collector Unknown: MZUF: 1 [1 - 1 - 1].
Keren: Collection Date Unknown: Ceconi, G. (prof.): ZMB: 2 [2]; Heuglin, Theodor (Dr.): SMNS: 2, ZMB: 1 [3 - 5 - 5].
Massaua [=Massawa]: Collection Date Unknown: Biedermann, Mr.: ZMB: 2 [2]; Issel: ZMB: 1 [1 - 3 - 3].
Massawa: Collection Date Unknown: ?; Collector Unknown: SMF: 1 [1 - 1 - 1].

Total Specimens for Eritrea: 28

Ethiopia

Ortsteil Shigella bei Arba Minch: 19 2/27: SMF: 1 [1 - 1 - 1].

Total Specimens for Ethiopia: 1

Ethiopia

Abaya, lake: Collection Date Unknown: ZMB: 3 [3 - 3 - 3].
Abaya, lake, West bank: 19 8/13: Largen, M.J.: BMNH: 1 [1 - 1] - 19 9/22: Largen, M.J.: BMNH: 1 [1 - 1 - 2].
Abaya, W coast lake: 19 4/28: ?; Collector Unknown: MNHN: 2 [2 - 2 - 2].
Abella: 19 5/25: Largen, M.J.: BMNH: 1 [1 - 1 - 1].
Abiata, lake, E coast: 19 0/21: Largen, M.J.: BMNH: 1 [1 - 1] - Collection Date Unknown: Ash, J.S.: USNM: 6 [6 - 6] - 19 1/01: Largen, M.J.: SMF: 1 [1 - 1 - 8].
Abol: 19 3/12: Ash, J.S.: USNM: 1 [1 - 1 - 1].
Abore, lake: 19 6/06: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].
Abyssinia: Collection Date Unknown: ?; Collector Unknown: BMNH: 1, ZMB: 1 [2]; Beccari, Odoardo (dr.): ZMB: 1 [1]; Doria, Giacomo (Marchese): ZMB: 1 [1]; ex Museum Paris: ZMB: 1 [1]; Gerrard: ZMB: 1 [1]; Heuglin, Theodor (Dr.): ZMB: 1 [1]; Heuglin, Theodor (Dr.). [ex Museum Stuttgart]: ZMB: 2 [2]; Petit and Quartier-Dillon: MNHN: 1 [1]; Roger, Dr.: MNHN: 1 [1]; Rüppell, Edward (dr.): RMNH: 1 [1]; Schrader: ZMB: 1 [1]; Verreaux, J.P.: BMNH: 1 [1 - 14 - 14].
Addis Ababa: 19 0/11: Bailey, A.M.: FMNH: 1 [1 - 1] - 19 0/25: Huyn, L. (Graf): ZFMK: 1 [1 - 1] - Collection Date Unknown: Brown, Barnum: AMNH: 1 [1 - 1] - 19 1/10: Carter, T. Donald: AMNH: 1 [1 - 1] - 19 8/02: Brown, Barnum: AMNH: 1 [1 - 1 - 5].
Addis Ababa and Lake Rudolf, between: Collection Date Unknown: Zaphiro, Ph.C. (coll), McMillan, W.N., Esq. (pres.): BMNH: 1 [1 - 1 - 1].
Adi Caie: Collection Date Unknown: ?; Collector Unknown: MZUF: 4 [4 - 4 - 4].
Adowa: Collection Date Unknown: Heuglin, Theodor (Dr.): SMNS: 2 [2]; v. Heuglin: SMNS: 1 [1 - 3 - 3].
Afdem: 19 0/12: Nikolaus, G.: SMF: 1 [1 - 1] - 19 9/30: Nikolaus, G.: SMF: 1 [1 - 1 - 2].
Agaro: 19 6/14: ?; Collector Unknown: MNHN: 1 [1 - 1 - 1].
Agordat: Collection Date Unknown: ?; Collector Unknown: MZUF: 7 [7 - 7 - 7].
Anole Wells: Collection Date Unknown: von Erlanger: ZMB: 2 [2 - 2 - 2].
Arba Minch: 19 5/20: Largen, M.J.: SMF: 1 [1 - 1] - 19 7/29: Rupp, Hans: SMF: 1 [1 - 1] - 19 8/07: ?; Collector Unknown: SMF: 1 [1 - 1 - 3].
Aseita: Collection Date Unknown: Ash, J.S.: USNM: 7 [7 - 7 - 7].
Aware Melca: 19 4/17: ?; Collector Unknown: MZUF: 1 [1 - 1 - 1].
Awasa, lake: 19 9/02: Rupp, Hans: SMF: 8 [8 - 8 - 8].
Awash national park: 19 9/09: Demeter, Andras: HNHM: 1 [1 - 1] - 19 9/25: Morris, P. - [Great Abbai Expedition]: BMNH: 2 [2 - 2] - 19 9/27: Morris, P. - [Great Abbai Expedition]: BMNH: 1 [1 - 1] - 19 9/28: Morris, P. - [Great Abbai Expedition]: BMNH: 4 [4 - 4 - 8].
Azum: Collection Date Unknown: Von Heuglin, Theodor: RMNH: 1 [1 - 1 - 1].
Bahadu: Collection Date Unknown: Ash, J.S.: USNM: 21 [21]; Largen, M.J.: BMNH: 1 [1 - 22] - 19 1/20: Largen, M.J.: BMNH:

- 1 [1 - 1] - 19 1/30: Largen, M.J.: SMF: 12 [12 - 12 - 35].
- Bahar Dar:** 19 6/06: Kock, Dieter: SMF: 2 [2 - 2 - 2].
- Bahr der Giorgis:** 19 6/04: Mitchell, J.P.: BMNH: 1 [1 - 1 - 1].
- Belès:** 19 4/09: Desfayes, M.: MHNG: 1 [1 - 1 - 1].
- Beletta forest:** Collection Date Unknown: ?. Collector Unknown: ZMMU: 2 [2 - 2] - 19 4/17: Lavrenchenko, Leonid A.: ZMMU: 1 [1 - 1 - 3].
- Bellegas-Thal zwischen Simehn und Woggara [=Tal des Belegaz/Belghe]:** Collection Date Unknown: Heuglin, Theodor (Dr.): NMW: 1 [1 - 1 - 1].
- Bellegaz valley:** 18 4/03: Von Heuglin, Theodor: NMW: 1 [1 - 1 - 1].
- Bilo:** Collection Date Unknown: Lundell, H.W.: BMNH: 1 [1 - 1 - 1].
- Bokonkorio:** 19 7/16: Ash, J.S.: SMF: 3 [3 - 3 - 3].
- Bottego Highlands:** Collection Date Unknown: von Erlanger: ZMB: 2 [2 - 2 - 2].
- Bulcha Forest:** Collection Date Unknown: Ash, J.S.: USNM: 9 [9 - 9] - 19 1/01: Rupp, Hans: SMNS: 1 [1 - 1] - 19 1/18: Ash, J.S.: CM: 1 [1 - 1] - 19 1/22: Ash, J.S.: CM: 1 [1 - 1] - 19 2/01: Ash, J.S.: SMF: 1 [1 - 1] - 19 2/04: Nikolaus, G.: SMNS: 2 [2 - 2] - 19 2/13: Largen, M.J.: BMNH: 1 [1 - 1] - 19 6/01: Ash, J.S.: BMNH: 4 [4 - 4] - 19 7/05: Ash, J.S.: CM: 1 [1 - 1] - 19 7/09: Ash, J.S.: CM: 1 [1 - 1 - 22].
- Chamo, NE of lake:** Collection Date Unknown: Sandhurst Ethiopia Expedition 1966: BMNH: 2 [2 - 2 - 2].
- Chamo, S bank of lake:** 19 3/16: Rupp, Hans: SMF: 1 [1 - 1 - 1].
- Dangila:** 19 0/18: Cheesman, Robert Ernest (Col.): BMNH: 1 [1 - 1] - Collection Date Unknown: Cheesman, Robert Ernest (Col.): BMNH: 6 [6 - 6] - 19 8/17: Cheesman, Robert Ernest (Col.): BMNH: 3 [3 - 3] - 19 9/19: Cheesman, Robert Ernest (Col.): BMNH: 2 [2 - 2 - 12].
- Debre Marcos, near:** 19 3/05: Osgood, Wilfred Hudson (Dr.): FMNH: 1 [1 - 1 - 1].
- Didessa river bridge:** 19 0/31: Nikolaus, G.: SMF: 1 [1 - 1] - Collection Date Unknown: Largen, M.J.: BMNH: 2 [2 - 2] - 19 1/19: Nikolaus, G.: SMF: 1 [1 - 1] - 19 1/20: ?. Collector Unknown: CM: 1 [1 - 1] - 19 3/01: Largen, M.J.: BMNH: 1 [1 - 1 - 6].
- Didessa River mouth:** Collection Date Unknown: ?. Collector Unknown: BMNH: 1 [1 - 1 - 1].
- Didessa settlement:** Collection Date Unknown: Ash, J.S.: USNM: 1 [1 - 1] - 19 1/20: Ash, J.S.: CM: 1 [1 - 1] - 19 9/05: Rupp, Hans: SMF: 1 [1 - 1 - 3].
- Dire Daoua [=Dire Dawa]:** 19 4/16: Uhlenruth: RMCA: 1 [1 - 1] - 19 6/06: Uhlenruth: RMCA: 1 [1 - 1 - 2].
- Dire Dawa:** Collection Date Unknown: Biedermann, Mr.: ZMB: 2 [2]; Brown, Barnum: AMNH: 1 [1]; Ipa, Uhlenhuth: ZMB: 3 [3]; Neumann, Uhlenhuth: ZMB: 4 [4]; Uhlenhuth: ZMB: 2 [2 - 12] - 19 9/20: Brown, Barnum: AMNH: 1 [1 - 1 - 13].
- Dire Dawa, 3 km S:** Collection Date Unknown: Ingersol, R.: OSU: 3 [3 - 3 - 3].
- Djala:** Collection Date Unknown: Neumann: ZMB: 1 [1 - 1 - 1].
- Djem-djem Forest:** Collection Date Unknown: ?. Collector Unknown: BMNH: 1 [1 - 1 - 1].
- Djiren [=Jiren]:** Collection Date Unknown: Neumann: ZMB: 1 [1 - 1 - 1].
- Dobleh:** Collection Date Unknown: Delamere, Lord: BMNH: 1 [1 - 1 - 1].
- Doki river bridge:** 19 0/29: Nikolaus, G.: SMF: 5 [5 - 5] - 19 0/31: Nikolaus, G.: SMF: 1 [1 - 1 - 6].
- Dorsey:** 19 3/14: Rupp, Hans: SMF: 1 [1 - 1 - 1].
- Error valley:** 19 2/29: Ingersol, R.: OSU: 1 [1 - 1] - 19 2/31: Ingersol, R.: OSU: 3 [3 - 3 - 4].
- Ethiopia:** Collection Date Unknown: Ash, J.S.: SMF: 1 [1 - 1] - 19 1/01: Rupp, Hans: SMNS: 4 [4 - 4 - 5].
- Fashodo:** Collection Date Unknown: Schweinfurth: ZMB: 1 [1 - 1 - 1].
- Fatam R Big Abbai:** Collection Date Unknown: ?. Collector Unknown: BMNH: 1 [1 - 1 - 1].
- Filwoha Awash:** 19 0/25: Ash, J.S.: USNM: 1 [1 - 1] - 19 2/26: Largen, M.J.; Morris, P. and Yalden, Derek: BMNH: 1 [1 - 1 - 2].
- Forty Springs:** 19 7/19: Rupp, Hans: SMF: 5 [5 - 5 - 5].
- Galana river:** Collection Date Unknown: Neumann: ZMB: 2 [2 - 2 - 2].
- Gambela:** Collection Date Unknown: Ash, J.S.: USNM: 1 [1]; Largen, M.J.: BMNH: 1 [1]; Nikolaus, G.: SMF: 4, ZFMK: 10 [14 - 16] - 19 1/06: Nikolaus, G.: ZFMK: 2 [2 - 2] - 19 2/10: ?. Collector Unknown: SMF: 1 [1 - 1] - 19 2/13: Largen, M.J.: BMNH: 1 [1 - 1] - 19 2/15: ?. Collector Unknown: CM: 1 [1 - 1] - 19 2/20: Nikolaus, G.: ZFMK: 1 [1 - 1] - 19 2/24: Nikolaus, G.: ZFMK: 1 [1 - 1] - 19 2/29: ?. Collector Unknown: SMF: 1 [1 - 1] - 19 4/04: Ash, J.S.: CM: 1 [1 - 1] - 19 6/22: Nikolaus, G.: ZFMK: 1 [1 - 1] - 19 6/24: Nikolaus, G.: ZFMK: 1 [1 - 1] - 19 6/26: Nikolaus, G.: ZFMK: 4 [4 - 4] - 19 6/30: Nikolaus, G.: ZFMK: 2 [2 - 2] - 19 7/01: Nikolaus, G.: ZFMK: 1 [1 - 1] - 19 7/04: Nikolaus, G.: ZFMK: 1 [1 - 1] - 19 7/14: Nikolaus, G.: ZFMK: 1 [1 - 1] - 19 7/24: Nikolaus, G.: ZFMK: 1 [1 - 1] - 19 7/28: Nikolaus, G.: ZFMK: 1 [1 - 1] - 19 7/29: Largen, M.J.: SMF: 1 [1 - 1] - 19 8/02: Nikolaus, G.: ZFMK: 2 [2 - 2] - 19 8/03: Nikolaus, G.: ZFMK: 2 [2 - 2] - 19 8/08: Nikolaus, G.: ZFMK: 1 [1 - 1] - 19 8/24: Nikolaus, G.: ZFMK: 2 [2 - 2 - 46].
- Garairobi Lake:** Collection Date Unknown: Huyn, L. (Graf): ZMB: 1 [1 - 1 - 1].
- Ghibbey valley:** 19 7/05: Allison, F.R.: BMNH: 1 [1 - 1 - 1].
- Ghimbi:** 19 9/05: Rupp, Hans: SMF: 2 [2 - 2 - 2].
- Ghinir, 7 km from:** 19 1/17: Dorst, Jean: MNHN: 1 [1 - 1 - 1].
- Gibdo:** Collection Date Unknown: Kittenberger, K.: HNHM: 1 [1 - 1 - 1].
- Gidole:** 19 8/04: Rupp, Hans: SMF: 1 [1 - 1 - 1].
- Godare forest:** Collection Date Unknown: Lavrenchenko, Leonid A.: ZMMU: 2 [2 - 2 - 2].
- Godjeb valley, middle:** Collection Date Unknown: Lavrenchenko, Leonid A.: ZMMU: 1 [1 - 1 - 1].
- Gofa:** Collection Date Unknown: Neumann: ZMB: 1 [1 - 1 - 1].
- Gondar:** 19 0/11: Ward, C? (Col.): BMNH: 1 [1 - 1] - Collection Date Unknown: Ward, C? (Col.): BMNH: 1 [1 - 1] - 19 2/08: Ward, C? (Col.): BMNH: 1 [1 - 1 - 3].
- Gondur, 15 mi NE:** 19 4/05: ?. Collector Unknown: TM: 1 [1 - 1 - 1].
- Gowane:** 19 0/19: Rupp, Hans: SMNS: 2 [2 - 2] - 19 0/22: Rupp, Hans: SMNS: 4 [4 - 4 - 6].
- Harairobo, lake:** 19 2/05: Huyn, L. (Graf): ZFMK: 5 [5 - 5 - 5].
- Harar:** Collection Date Unknown: von Erlanger / Neumann: ZMB: 2 [2 - 2] - 19 1/10: Degen, E.: BMNH: 1 [1 - 1] - 19 7/01: Szántó: NMW: 1 [1 - 1 - 4].
- Harena Forest:** 19 2/19: Kruskop, S.V.: ZMMU: 1 [1 - 1 - 1].
- Harrar [=Harar]:** 19 1/10: Degen, E.: BMNH: 1 [1 - 1] - 19 1/19: Kristensen, G. (coll.), Rothschild, Nathaniel Charles (pres): BMNH: 1 [1 - 1 - 2].
- Harre river:** 19 3/03: Rupp, Hans: SMF: 2 [2 - 2 - 2].
- Haza Boran:** 19 1/10: Brockman, D.: BMNH: 1 [1 - 1 - 1].
- Hirna and Deder, between:** Collection Date Unknown: Lavrenchenko, Leonid A.: ZMMU: 2 [2 - 2 - 2].

Jarra: 19 1/04: Williams, A.E.: ROM: 1 [1 - 1] - 19 1/06: Williams, A.E.: ROM: 3 [3 - 3] - 19 1/07: Williams, A.E.: ROM: 2 [2 - 2] - 19 1/08: Williams, A.E.: ROM: 3 [3 - 3] - 19 1/10: Williams, A.E.: ROM: 3 [3 - 3] - 19 1/12: Williams, A.E.: ROM: 1 [1 - 1] - 19 1/13: Williams, A.E.: ROM: 1 [1 - 1] - 19 1/15: Williams, A.E.: ROM: 3 [3 - 3] - 19 1/16: Williams, A.E.: ROM: 2 [2 - 2] - 19 1/18: Williams, A.E.: ROM: 4 [4 - 4] - 19 1/20: Williams, A.E.: ROM: 2 [2 - 2] - 19 1/21: Williams, A.E.: ROM: 1 [1 - 1] - 19 1/24: Williams, A.E.: ROM: 1 [1 - 1] - 19 2/24: Williams, A.E.: ROM: 4 [4 - 4] - 19 2/29: Williams, A.E.: ROM: 2 [2 - 2] - 19 2/30: Williams, A.E.: ROM: 1 [1 - 1 - 34].

Jimma, 5 km E: 19 0/19: Nikolaus, G.: SMF: 2 [2 - 2] - 19 1/05: Nikolaus, G.: SMF: 1 [1 - 1 - 3].

Koi area: Collection Date Unknown: Lavrenchenko, Leonid A.: ZMMU: 1 [1 - 1 - 1].

Koka: 19 0/11: Rupp, Hans: SMNS: 1 [1 - 1] - Collection Date Unknown: ? : Collector Unknown: BMNH: 3 [3]; Ash, J.S.: USNM: 19 [19]; Traub and Ash, J.S.: CM: 5 [5 - 27] - 19 1/30: Largen, M.J.: SMF: 4 [4 - 4] - 19 2/24: Traub and Ash, J.S.: CM: 1 [1 - 1] - 19 2/25: Traub and Ash, J.S.: CM: 1 [1 - 1] - 19 9/17: Ash, J.S.: SMF: 1 [1 - 1] - 19 9/20: Ash, J.S.: SMF: 1 [1 - 1] - 19 9/27: Nikolaus, G.: SMF: 1 [1 - 1 - 37].

Kulfo river: 19 8/11: Timmins, R.J.: HZM: 1 [1 - 1 - 1].

Lado: 19 3/11: Le Roi, O.: ZFMK: 1 [1 - 1 - 1].

Lalibela: 19 3/26: ? : Collector Unknown: MZUF: 4 [4 - 4 - 4].

Langanu, W coast lake: Collection Date Unknown: Largen, M.J.: BMNH: 1 [1 - 1 - 1].

Lava-Dom: 19 9/11: Rupp, Hans: SMF: 1 [1 - 1 - 1].

Let Marefia: 18 1/30: Antinori: MNHN: 1 [1 - 1 - 1].

Mabil: 19 8/18: Morris, P. - [Great Abbai Expedition]: BMNH: 5 [5 - 5 - 5].

Mabil, 10 km W: 19 8/15: Morris, P. - [Great Abbai Expedition]: BMNH: 2 [2 - 2] - 19 8/18: Morris, P. - [Great Abbai Expedition]: BMNH: 1 [1 - 1] - 19 8/19: Morris, P. - [Great Abbai Expedition]: BMNH: 2 [2 - 2 - 5].

Makalle: Collection Date Unknown: Aschemeier, C.R.: USNM: 1 [1 - 1 - 1].

Manera forest: Collection Date Unknown: Andral, dr.: MNHN: 1 [1 - 1 - 1].

Mekinissa: 19 2/04: ? : Collector Unknown: CM: 1 [1 - 1 - 1].

Melka Sadi: 19 3/19: Williams, A.E.: ROM: 1 [1 - 1 - 1].

Melka Were: 19 3/08: Williams, A.E.: ROM: 1 [1 - 1 - 1].

Metahara: 19 2/29: Largen, M.J.; Morris, P. and Yalden, Derek: BMNH: 1 [1 - 1 - 1].

Metahara, 1 km W: 19 4/01: Rupp, Hans: SMF: 19 [19 - 19 - 19].

Mui: Collection Date Unknown: Largen, P.M.J.: BMNH: 1 [1 - 1 - 1].

Omar cave, S of: Collection Date Unknown: Ashford, R.: SMF: 2 [2 - 2 - 2].

Omar limestone cave, S of: 19 0/29: Largen, M.J.; Morris, P. and Yalden, Derek: BMNH: 1 [1 - 1 - 1].

Poi, 2 mi N: Collection Date Unknown: Cifelli, R.L.: USNM: 1 [1 - 1 - 1].

Pokwo: 19 8/23: Largen, M.J.: SMF: 2 [2 - 2 - 2].

road to Jimma: Collection Date Unknown: Dorst, Jean et al.: MNHN: 1 [1 - 1 - 1].

Robi: 19 7/16: Allison, F.R.: BMNH: 1 [1 - 1 - 1].

Rudolf, lake, 10 km NE: 19 7/08: Largen, M.J.: BMNH: 1 [1 - 1 - 1].

Saganeiti: 19 6/19: Capomazza, I.: MSNG: 1 [1 - 1 - 1].

Sanfords Ranch: 19 0/25: Hist, H.: TM: 1 [1 - 1 - 1].

Sheik Hussein: Collection Date Unknown: von Erlanger: ZMB: 2 [2 - 2 - 2].

Sheko area: Collection Date Unknown: Lavrenchenko, Leonid A.: ZMMU: 1 [1 - 1 - 1].

Shibe-Tolley: Collection Date Unknown: ? : Collector Unknown: NHMZ: 1 [1 - 1 - 1].

Shifra: 19 5/07: Nikolaus, G.: SMNS: 1 [1 - 1] - 19 5/09: Nikolaus, G.: SMNS: 1 [1 - 1 - 2].

Shoa: Collection Date Unknown: ? : Collector Unknown: FMNH: 1, SMF: 1 [2]; Rüppell, Edward (dr.) (gift): SMF: 2 [2 - 4 - 4].

Shoa province: Collection Date Unknown: Rüppell, Edward (dr.): SMF: 3 [3 - 3 - 3].

Sidon: 19 1/01: Largen, M.J.; Morris, P. and Yalden, Derek: BMNH: 2 [2 - 2 - 2].

Simien mountains: 18 7/01: Rüppell, Edward (dr.): SMF: 1 [1 - 1 - 1].

Tana, lake: 19 0/01: Schüz: SMNS: 1 [1 - 1] - 19 3/31: Daily News Abyssinia expedition, The: FMNH: 1 [1 - 1 - 2].

Torat: 19 1/06: ? : Collector Unknown: MSNM: 2 [2 - 2] - 19 2/06: ? : Collector Unknown: MSNM: 1 [1 - 1 - 3].

Vicinity of Addis Ababa: Collection Date Unknown: Imperial Ethiopian Lightway Authority: BMNH: 1 [1 - 1 - 1].

Wadere: 19 2/10: Peper: BMNH: 1 [1 - 1 - 1].

Wahina: 19 3/05: Bailey, A.M.: FMNH: 1 [1 - 1 - 1].

Woliso: 19 0/02: Allison, F.R.: HZM: 1 [1 - 1] - 19 0/14: Allison, F.R.: HZM: 1 [1 - 1 - 2].

Yavello, 25 km N: 19 3/09: Largen, Clark: BMNH: 1 [1 - 1 - 1].

Total Specimens for Ethiopia: 474

Gabon

Bélinga: 19 0/27: ZMA: 2 [2 - 2] - Collection Date Unknown: Brosset, André: MNHN: 1 [1 - 1 - 3].

Bengoué: Collection Date Unknown: Brosset, André: MHNG: 1 [1 - 1 - 1].

Booué: Collection Date Unknown: Maclatchy, A. and Malbrant, R.: MNHN: 1 [1 - 1 - 1].

Cap Esterias: 19 0/18: Schlitter, Duane A. (dr.): CM: 1 [1 - 1 - 1].

Cape Lopez: Collection Date Unknown: ? : Collector Unknown: USNM: 2 [2]; Buchholz: ZMB: 1 [1 - 3 - 3].

Cette Cama: Collection Date Unknown: Gerard, E. (Dr.) and Rudd, C.D.: BMNH: 1 [1 - 1 - 1].

Como River: 18 7/06: ? : Collector Unknown: BMNH: 1 [1 - 1 - 1].

Como River, almost sea-level: 18 6/03: Bates, G.L.: BMNH: 1 [1 - 1 - 1].

Dongila [=Donguila]: Collection Date Unknown: Buchholz: ZMB: 2 [2 - 2 - 2].

Fernan Vaz: 19 0/25: Aschemeier, C.R.: USNM: 1 [1 - 1 - 1].

Gabon: Collection Date Unknown: ? : Collector Unknown: AMNH: 1 [1]; Laglaize: BMNH: 1 [1 - 2 - 2].

Ipassa-Mpassa station: Collection Date Unknown: Brosset, André: MNHN: 1 [1 - 1 - 1].

Lambaréné: 19 1/15: Thys Van den Audenaerde, Dirk: RMCA: 2 [2 - 2 - 2].

Lastourville: Collection Date Unknown: Rougeot, P.: MHNG: 1 [1 - 1 - 1].

Limbareni [=Lambarene]: Collection Date Unknown: Buchholz: ZMB: 1 [1 - 1 - 1].

Makokou: Collection Date Unknown: Brosset, André: MHNG: 1, MNHN: 1 [2 - 2] - 19 2/10: Brosset, André: MNHN: 1 [1 - 1 - 1] - 19 2/23: Van Bree, P.J.H.: ZMA: 2 [2 - 2 - 5].

Mitzic: Collection Date Unknown: Davies, J.H.: BMNH: 1 [1 - 1 - 1].
Mouila: Collection Date Unknown: Rougeot, P.: MNHN: 1 [1 - 1 - 1].
N'Gomo Ogooue: 19 0/14: Haug: MNHN: 1 [1 - 1 - 1].
no specific locality: Collection Date Unknown: Büttner: ZMB: 1 [1]; Hupfer: ZMB: 1 [1]; Schilling: ZMB: 1 [1]; Schlüter, A.: ZMB: 1 [1]; Umlauff: ZMB: 1 [1 - 5 - 5].
Ogawa: Collection Date Unknown: Ansorge, W.J. (dr.): ZMB: 2 [2 - 2 - 2].
Ogowe: Collection Date Unknown: Ford, Rev. E.A.: AMNH: 1 [1 - 1 - 1].
Omboue: Collection Date Unknown: Aschemeier, C.R.: USNM: 15 [15 - 15] - 19 6/20: Aschemeier, C.R.: USNM: 1 [1 - 1] - 19 8/07: Aschemeier, C.R.: USNM: 1 [1 - 1 - 17].
Ssibange [Sibange] farm: 18 1/21: Soyaux, H.: ZMB: 1 [1 - 1 - 1].

Total Specimens for Gabon: 56

'Gabon'

but almost certainly from Kashmir or N India: Collection Date Unknown: BMNH: 1 [1 - 1 - 1].

Total Specimens for 'Gabon': 1

'Gaboona'

but more probably from Kashmir: Collection Date Unknown: BMNH: 1 [1 - 1 - 1].

Total Specimens for 'Gaboona': 1

German East Africa

: Collection Date Unknown: ZMB: 1 [1]; Reimer: ZMB: 1 [1]; von Marwitz: ZMB: 3 [3]; Willems: ZMB: 1 [1 - 6 - 6].

Total Specimens for German East Africa: 6

Ghana

Abokobi: Collection Date Unknown: ZMB: 3 [3 - 3 - 3].
Aburi: 19 0/08: Geest, J.C.: USNM: 1 [1 - 1 - 1].
Accra: Collection Date Unknown: Irvine, F.R. (Dr.): BMNH: 1 [1]; Reichenow: ZMB: 5 [5]; Schneider: ZMB: 3 [3]; Unger: ZMB: 6 [6 - 15 - 15].
Accra, 9 mi NE: 19 9/17: Gruwell, J.A.: CM: 1 [1]; Robbins, Lynn W.: AMNH: 1 [1]; Schlitter, Duane A. (dr.): CM: 4 [4 - 6 - 6].
Achimota: Collection Date Unknown: Simpson, R. (dr.): BMNH: 1 [1 - 1] - 19 1/05: ? : Collector Unknown: ROM: 1 [1 - 1] - 19 1/06: ? : Collector Unknown: ROM: 3 [3 - 3] - 19 2/05: ? : Collector Unknown: ROM: 1 [1 - 1] - 19 2/05: ? : Collector Unknown: ROM: 1 [1 - 1] - 19 7/12: ? : Collector Unknown: ROM: 1 [1 - 1 - 8].
Adawaso: 19 2/10: Setzer, H.W.: USNM: 12 [12 - 12 - 12].
Adawaso, 1 mi E: 19 2/10: Setzer, H.W.: USNM: 2 [2 - 2 - 2].
Adawaso, 1.9 mi NW: 19 2/10: Setzer, H.W.: USNM: 1 [1 - 1 - 1].
Adawaso, 4.7 mi E: 19 2/10: LeDuc, J.W.: USNM: 3 [3 - 3 - 3].
Adawaso, 5.7 mi E: 19 2/10: LeDuc, J.W.: USNM: 2 [2 - 2 - 2].
Aguapim: Collection Date Unknown: Reichenow: ZMB: 1 [1 - 1 - 1].
Agumatsa Wildlife Sanctuary, Agumatsa River, Wli Waterfall: 19 1/21: Decher, J.: SMF: 1 [1 - 1] - 20 8/11: Decher, J.: SMF: 1 [1 - 1 - 2].
Ahiriso: 19 1/30: Geest, J.C.: USNM: 1 [1 - 1 - 1].
Aiyikuma: Collection Date Unknown: Geest, J.C.: USNM: 11 [11]; Setzer, H.W.: USNM: 8 [8 - 19 - 19].
Akosombo: 19 1/30: Geest, J.C.: USNM: 9 [9]; Robbins, C. Brian: USNM: 10 [10]; Setzer, H.W.: USNM: 8 [8 - 27 - 27].
Akwamufe: 19 2/02: Setzer, H.W.: USNM: 2 [2 - 2 - 2].
Akwamufe, 1 mi N: 19 2/02: LeDuc, J.W.: USNM: 4 [4]; Setzer, H.W.: USNM: 4 [4 - 8 - 8].
Akwawanu, 5 mi W: 19 2/02: Geest, J.C.: USNM: 16 [16 - 16 - 16].
Ankasi: 19 2/22: Mensah, P.E.: ROM: 10 [10 - 10 - 10].
Anum, 4 mi S: 19 8/29: Hayward, Bruce J.: USNM: 7 [7 - 7 - 7].
Asikuma, 1 mi N: 19 2/02: Setzer, H.W.: USNM: 3 [3 - 3 - 3].
Axim: 19 8/25: Hayward, Bruce J.: USNM: 10 [10 - 10 - 10].
Bame: 19 8/29: Hayward, Bruce J.: USNM: 5 [5 - 5 - 5].
Bangweli Camp: 19 7/30: McWilliam, A.N. and Marshall, A.G.: BMNH: 1 [1 - 1 - 1].
Bangwon: 19 3/05: Geest, J.C.: USNM: 4 [4 - 4] - 19 3/09: Geest, J.C.: USNM: 32 [32 - 32] - 19 3/11: Geest, J.C.: USNM: 8 [8 - 8 - 44].
Bekwai Ash: 19 1/05: Mensah, P.E.: ROM: 3 [3 - 3 - 3].
Berekuso, 1 mi N: 19 1/05: Setzer, H.W.: USNM: 2 [2 - 2 - 2].
Bibianaha: Collection Date Unknown: Spurrell, H.G.F. (dr.): BMNH: 2 [2 - 2 - 2].
Bibianaha [=Bibiani]: Collection Date Unknown: Spurrell, H.G.F. (dr.): BMNH: 1 [1 - 1] - 19 2/07: Spurrell, H.G.F. (dr.): BMNH: 1 [1 - 1] - 19 4/24: Spurrell, H.G.F. (dr.): BMNH: 1 [1 - 1 - 3].
Bimbilla: Collection Date Unknown: Mischlich: ZMB: 1 [1 - 1 - 1].
Bimbilla, 15 mi S: Collection Date Unknown: Robbins, Lynn W.: AMNH: 1 [1 - 1] - 19 9/04: Robbins, Lynn W.: AMNH: 2 [2 - 2] - 19 9/06: Robbins, Lynn W.: AMNH: 1 [1 - 1 - 4].
Boutry River: Collection Date Unknown: ? : Collector Unknown: RMNH: 1 [1 - 1 - 1].
Butre: 19 1/16: Geest, J.C.: USNM: 1 [1 - 1] - 19 1/18: Geest, J.C.: USNM: 1 [1 - 1] - 19 1/20: Geest, J.C.: USNM: 1 [1 - 1 - 3].
Côte d'Or: Collection Date Unknown: Nagtglas, C.J.M.: RMNH: 2 [2 - 2 - 2].
Damongo: Collection Date Unknown: Start, A.N.: BMNH: 1 [1 - 1] - 19 8/17: McIntyre, T.J.: USNM: 6 [6]; Murdoch, W.P. Jr.:

- USNM: 5 [5 - 11 - 12].
- Damongo, 1 mi NE:** 19 9/03: Cheke, R.A.: BMNH: 5 [5 - 5 - 5].
- Dormaa Ahenkro:** Collection Date Unknown: Sapwell, J.: BMNH: 3 [3 - 3 - 3].
- Eliama and Cape Coast, between:** 19 8/16: Roodenburg: RMNH: 1 [1 - 1 - 1].
- Elmina:** Collection Date Unknown: ex Museum Leiden: ZMB: 1 [1 - 1 - 1].
- Fra Fra Country:** 18 1/27: Giffard, W. (Capt.): BMNH: 1 [1 - 1 - 1].
- Gambaga:** Collection Date Unknown: ? : Collector Unknown: BMNH: 1 [1 - 1] - 18 1/09: ? : Collector Unknown: BMNH: 1 [1 - 1] - 19 5/08: Geest, J.C.: USNM: 3 [3 - 3 - 5].
- Goaso:** 19 2/07: Lowe, Willoughby P.: BMNH: 1 [1 - 1 - 1].
- Gold Coast:** Collection Date Unknown: Bunting: BMNH: 1 [1]; Dobson, George Edward: USNM: 1 [1]; Freeman, R.A.: BMNH: 3 [3]; Nagtglas, C.J.M.: RMNH: 1 [1 - 6 - 6].
- Goldküste [=Goldcoast]:** Collection Date Unknown: ex Museum Leiden: ZMB: 2 [2]; Finsch: ZMB: 1 [1]; Pel / Museum Leiden: ZMB: 1 [1]; Sintenis: ZMB: 4 [4 - 8 - 8].
- Ho:** Collection Date Unknown: Schröder: ZMB: 2 [2 - 2 - 2].
- Jukwa:** 19 8/17: Hayward, Bruce J.: USNM: 2 [2 - 2] - 19 8/18: Hayward, Bruce J.: USNM: 5 [5 - 5] - 19 8/20: Hayward, Bruce J.: USNM: 1 [1 - 1] - 19 8/21: Hayward, Bruce J.: USNM: 1 [1 - 1 - 9].
- Kete:** Collection Date Unknown: Baumann: ZMB: 3 [3 - 3 - 3].
- Kete Krachi:** Collection Date Unknown: Zech, Graf: ZMB: 6 [6 - 6 - 6].
- Kete Krachi:** Collection Date Unknown: Baumann: ZMB: 1 [1]; Zech, Graf: ZMB: 4 [4 - 6 - 6].
- Kintampo:** Collection Date Unknown: Cansdale, George Soper: BMNH: 1 [1 - 1 - 1].
- Kojali Bach:** Collection Date Unknown: Tessmann: ZMB: 1 [1 - 1 - 1].
- Kpaudu:** 19 1/02: Roodenburg: RMNH: 1 [1 - 1] - 19 5/11: Hoogmoed: RMNH: 1 [1 - 1 - 2].
- Kpeve:** 19 2/02: Geest, J.C.: USNM: 3 [3 - 3 - 3].
- Kumari, 17 mi from:** 19 1/16: Mensah, P.E.: ROM: 2 [2 - 2 - 2].
- Kumasi:** Collection Date Unknown: Barry, D.H.: BMNH: 1 [1 - 1] - 19 6/26: Allison, F.R. and Barry, D.H.: BMNH: 1 [1 - 1 - 2].
- Kumasi-Dunkwa road:** 19 0/28: Barry, D.H.: BMNH: 1 [1 - 1 - 1].
- Kuuni, 48 mi from:** 19 9/19: Mensah, P.E.: ROM: 1 [1 - 1 - 1].
- Legon [Botanical Garden]:** 19 0/01: Vaden, R.E.: USNM: 3 [3 - 3] - 19 0/07: Robbins, Lynn W.: USNM: 1 [1 - 1] - Collection Date Unknown: Geest, J.C.: USNM: 14 [14]; Hayward, Bruce J.: USNM: 8 [8]; Leduc, J.W.: USNM: 4 [4]; Robbins, C. Brian: USNM: 9 [9]; Schlitter, Duane A. (dr.): CM: 7 [7]; Setzer, H.W.: USNM: 15 [15 - 57] - 19 1/28: Geest, J.C.: USNM: 1 [1]; Robbins, C. Brian: USNM: 1 [1 - 2] - 19 7/19: Hayward, Bruce J.: USNM: 2 [2 - 2] - 19 7/22: Hayward, Bruce J.: USNM: 3 [3 - 3] - 19 7/23: Hayward, Bruce J.: USNM: 4 [4 - 4] - 19 7/24: Geest, J.C.: USNM: 1 [1 - 1] - 19 7/25: Hayward, Bruce J.: USNM: 1 [1 - 1] - 19 7/26: Hayward, Bruce J.: USNM: 1 [1 - 1] - 19 7/27: Geest, J.C.: USNM: 3 [3]; Hayward, Bruce J.: USNM: 10 [10 - 13] - 19 7/28: Hayward, Bruce J.: USNM: 4 [4 - 4] - 19 8/01: Hayward, Bruce J.: USNM: 1 [1 - 1] - 19 8/02: Hayward, Bruce J.: USNM: 2 [2 - 2] - 19 9/08: Schlitter, Duane A. (dr.): CM: 1 [1 - 1] - 19 9/23: Robbins, Lynn W.: USNM: 1 [1 - 1] - 19 9/24: Vaden, R.E.: USNM: 1 [1 - 1 - 98].
- Lovi Camp:** 19 8/15: Cheke, R.A.: BMNH: 1 [1 - 1 - 1].
- Mampong:** 19 1/07: Webb, G.S.: BMNH: 1 [1 - 1 - 1].
- Mankesin:** 19 7/29: Geest, J.C.: USNM: 1 [1 - 1 - 1].
- Mole Motel:** 19 8/26: Start, A.N. and Taylor, I.: BMNH: 1 [1 - 1] - 19 9/01: Start, A.N. and Taylor, I.: BMNH: 3 [3 - 3 - 4].
- Mole National Park:** 19 7/10: McWilliam, A.N. and Marshall, A.G.: BMNH: 2 [2 - 2 - 2].
- MomPort:** 19 1/13: Mensah, P.E.: ROM: 1 [1 - 1 - 1].
- Mpraeso:** Collection Date Unknown: Mensah, P.E.: ROM: 1 [1 - 1 - 1].
- Nabogo:** 19 4/14: Geest, J.C.: USNM: 4 [4 - 4] - 19 4/15: Geest, J.C.: USNM: 4 [4 - 4 - 8].
- Nankasi:** 19 2/10: Setzer, H.W.: USNM: 1 [1 - 1 - 1].
- Nkawkaw:** Collection Date Unknown: Mensah, P.E.: ROM: 2 [2 - 2 - 2].
- Nkawkaw, 1 mi N:** 19 8/05: Hayward, Bruce J.: USNM: 1 [1 - 1] - 19 8/05: Hayward, Bruce J.: USNM: 9 [9 - 9] - 19 8/06: Hayward, Bruce J.: USNM: 1 [1 - 1] - 19 8/07: Geest, J.C.: USNM: 4 [4 - 4] - 19 8/12: Hayward, Bruce J.: USNM: 2 [2 - 2 - 17].
- Nkawkaw, 3.25 km N, 1.33 km W:** 19 9/13: Schlitter, Duane A. (dr.): CM: 4 [4 - 4 - 4].
- Oda:** 19 0/13: Setzer, H.W.: USNM: 1 [1 - 1] - Collection Date Unknown: ? : Collector Unknown: BMNH: 3 [3]; Cansdale, George Soper: BMNH: 5 [5 - 8] - 19 1/03: Cansdale, George Soper: BMNH: 1 [1 - 1] - 19 1/17: Cansdale, George Soper: BMNH: 1 [1 - 1] - 19 9/19: Cansdale, George Soper: BMNH: 1 [1 - 1] - 19 9/21: Cansdale, George Soper: BMNH: 1 [1 - 1 - 13].
- Ofinsu:** Collection Date Unknown: Cansdale, George Soper: BMNH: 1 [1 - 1 - 1].
- Okorasi:** 19 2/10: LeDuc, J.W.: USNM: 15 [15 - 15 - 15].
- Pampramase:** 19 5/25: Jeffrey, S.M.: BMNH: 1 [1 - 1 - 1].
- Pirisi:** 19 2/26: Geest, J.C.: USNM: 60 [60 - 60] - 19 2/27: Geest, J.C.: USNM: 58 [58 - 58 - 118].
- Pong Tamale:** Collection Date Unknown: Barry, D.H.: BMNH: 1 [1 - 1] - 19 7/30: Barry, D.H.: BMNH: 1 [1 - 1 - 2].
- Prang:** 19 3/22: Webb, G.S.: BMNH: 2 [2 - 2 - 2].
- Prestea, 32 mi W:** 19 1/13: Geest, J.C.: USNM: 1 [1 - 1 - 1].
- Prince's Town, 7 mi N:** 19 8/25: Hayward, Bruce J.: USNM: 1 [1 - 1 - 1].
- Pulima:** Collection Date Unknown: Geest, J.C.: USNM: 3 [3 - 3] - 19 3/03: Geest, J.C.: USNM: 36 [36]; Ingersol, R.: USNM: 1 [1 - 37] - 19 3/04: Geest, J.C.: USNM: 12 [12 - 12] - 19 3/05: Geest, J.C.: USNM: 1 [1 - 1] - 19 3/07: Geest, J.C.: USNM: 1 [1 - 1] - 19 3/16: Geest, J.C.: USNM: 1 [1 - 1 - 55].
- Sakpa:** 19 3/15: Geest, J.C.: USNM: 6 [6 - 6] - 19 3/16: Geest, J.C.: USNM: 42 [42 - 42] - 19 3/17: Geest, J.C.: USNM: 5 [5 - 5] - 19 3/18: Geest, J.C.: USNM: 28 [28 - 28] - 19 3/21: Geest, J.C.: USNM: 3 [3 - 3] - 19 5/16: Geest, J.C.: USNM: 1 [1 - 1] - 19 6/18: Geest, J.C.: USNM: 1 [1 - 1 - 86].
- Samole Motel Camp:** Collection Date Unknown: Cheke, R.A.: BMNH: 1 [1 - 1] - 19 7/24: McWilliam, A.N. and Marshall, A.G.: BMNH: 1 [1 - 1 - 2].
- Saruwi river:** 19 8/17: Hayward, Bruce J.: USNM: 2 [2 - 2] - 19 8/18: Hayward, Bruce J.: USNM: 2 [2 - 2] - 19 8/19: Hayward, Bruce J.: USNM: 1 [1 - 1 - 5].
- Sawla, 15 mi E:** 19 8/25: Cheke, R.A.: BMNH: 3 [3 - 3] - 19 8/28: Cheke, R.A.: BMNH: 1 [1 - 1 - 4].
- Sefwi Mafra:** 19 1/22: Jeffrey, S.M.: BMNH: 2 [2 - 2 - 2].
- Shai Hills Resource Reserve:** 19 1/13: Decher, Jan: CM: 7 [7 - 7] - 19 1/18: Decher, Jan: CM: 2 [2 - 2] - 19 1/23: Decher, Jan: CM: 1 [1 - 1 - 10].

Sogakofe: 19 1/10: Allison, F.R.: BMNH: 1 [1 - 1 - 1].
Subinja: 19 2/21: Geest, J.C.: USNM: 1 [1 - 1 - 1].
Teshi: 19 1/25: Robbins, C. Brian: USNM: 1 [1 - 1 - 1].
Tsibu, 2 mi SSW: 19 2/02: Setzer, H.W.: USNM: 2 [2 - 2 - 2].
Tsibu, 7 mi N: 19 2/02: LeDuc, J.W.: USNM: 5 [5 - 5 - 5].
Tumu area: 19 7/24: Barry, D.H.: BMNH: 1 [1 - 1 - 1].
Tutu: 19 2/10: Setzer, H.W.: USNM: 1 [1 - 1 - 1].
Weija: 19 2/17: LeDuc, J.W.: USNM: 15 [15]; Robbins, C. Brian: USNM: 14 [14 - 29 - 29].
Winneba: Collection Date Unknown: Cansdale, George Soper: BMNH: 1 [1 - 1 - 1].
Yabraso: 19 4/08: Geest, J.C.: USNM: 1 [1 - 1] - 19 4/11: Geest, J.C.: USNM: 2 [2 - 2 - 3].

Total Specimens for Ghana: 816

Guinea

Conakry Island: Collection Date Unknown: MNHN: 1 [1 - 1 - 1].
Dalaba [Grotte du Marché]: 19 4/16: Villiers, A.: MHNG: 1 [1 - 1 - 1].
Guinée Forestière, border of "Réserve de la Biosphère du Massif du Ziama": 19 8/12: Vierhaus, H.: ZFMK: 1 [1 - 1 - 1].
Kindia: 19 0/11: Knorr, H.: ZFMK: 1 [1 - 1 - 1].
Kolente: 19 1/24: Knorr, H.: ZFMK: 2 [2 - 2] - 19 1/27: Knorr, H.: SMF: 1 [1 - 1 - 3].
Macenta, 25 km NW: 19 1/08: Roche, Jean: MNHN: 1 [1 - 1 - 1].
Mount Nimba: Collection Date Unknown: Brosset, André and Richaud, Pierre: MNHN: 3 [3 - 3 - 3].
no specific locality: Collection Date Unknown: Finsch: ZMB: 1 [1]; Pel / Museum Leiden: ZMB: 3 [3]; Schlegel: ZMB: 1 [1];
 Schneider / Museum Basel: ZMB: 1 [1]; Zeller, Leydig: ZMB: 1 [1 - 7 - 7].
Nyembaro: 19 1/23: Knorr, H.: ZFMK: 1 [1 - 1] - 19 1/24: Knorr, H.: SMF: 2, SMNS: 8 [10 - 10 - 11].
Ouassou: Collection Date Unknown: Klapotoc, A.: NMW: 1 [1 - 1 - 1].
Pita: 19 7/27: Pobéguin, H.: MNHN: 1 [1 - 1 - 1].
Tahiré: 19 0/03: Knorr, H.: SMNS: 2 [2 - 2] - 19 0/11: Knorr, H.: SMNS: 1 [1 - 1 - 3].
Ziela: Collection Date Unknown: Aguesse, P.: MNHN: 1 [1 - 1 - 1].
Zouguépo: 19 4/15: Lamotte, M.: MNHN: 1 [1 - 1 - 1].

Total Specimens for Guinea: 36

Guinea-Bissau

Bissau [island]: Collection Date Unknown: ZMB: 1 [1]; Hintz: ZMB: 1 [1 - 2 - 2].
Bissoram: 19 2/27: ? : Collector Unknown: CZL: 1 [1 - 1 - 1].
Catió: 19 3/06: ? : Collector Unknown: CZL: 1 [1 - 1 - 1].
Gunnal: 19 6/04: Ansoerge, W.J. (dr.): BMNH: 1 [1 - 1 - 1].
Madina Boé: Collection Date Unknown: Monard, A. (Dr.): RMCA: 1 [1 - 1] - 19 3/05: ? : Collector Unknown: NMBE: 2 [2 - 2] -
 19 3/09: Monard, A. (Dr.): RMCA: 1 [1 - 1 - 4].
Mansoa: Collection Date Unknown: Monard, A. (Dr.): RMCA: 4 [4 - 4] - 19 2/14: Monard, A. (Dr.): MHNG: 1 [1 - 1] - 19 2/17:
 Monard, A. (Dr.): NMBE: 1 [1 - 1] - 19 2/27: Frade, F.: CZL: 1 [1 - 1 - 7].
Mansoa [1204N 1519W] or Pitche [12 20 N 13 57 W]: 19 2/12: ? : Collector Unknown: NMBE: 1 [1 - 1 - 1].
Mansoa [1204N 1519W], Contubo-el [1222N 1434W] or Pitche [1220N 1357W]: 19 2/11: ? : Collector Unknown: NMBE: 1 [1
 - 1] - 19 2/12: ? : Collector Unknown: NMBE: 1 [1 - 1 - 2].
Pitche: 19 4/03: ? : Collector Unknown: CZL: 1 [1 - 1 - 1].
Ponta de Marques Mano: 19 1/03: Frade, F.: CZL: 1 [1 - 1 - 1].
Ponta Robalo: Collection Date Unknown: Monard, A. (Dr.): MHNG: 2 [2 - 2] - 19 1/24: Monard, A. (Dr.): MHNG: 1 [1 - 1] - 19
 1/25: Monard, A. (Dr.): RMCA: 2 [2 - 2 - 5].

Total Specimens for Guinea-Bissau: 26

India

India: Collection Date Unknown: BMNH: 1 [1 - 1 - 1].
Nasirabad: Collection Date Unknown: ? : Collector Unknown: BMNH: 2 [2 - 2 - 2].

Total Specimens for India: 3

Iran

Shiraz: Collection Date Unknown: BMNH: 1 [1 - 1 - 1].

Total Specimens for Iran: 1

Israel

Wadi Araba, Yotwata: 19 0/13: BMNH: 1 [1 - 1 - 1].

Total Specimens for Israel: 1

Italy

Pisa: Collection Date Unknown: BMNH: 1 [1 - 1 - 1].

Sicily: Collection Date Unknown: ? : Collector Unknown: BMNH: 1 [1 - 1 - 1].

Total Specimens for Italy: 2

Kenya

- Alamer:** 19 2/16: ROM: 2 [2 - 2 - 2].
- Archer's Post:** 19 2/29: Williams, John G.: ROM: 1 [1 - 1] - 19 3/21: Williams, John G.: ROM: 1 [1 - 1] - 19 4/20: Seed, Robin D.: CM: 1 [1]; Williams, John G.: CM: 1, HZM: 4 [5]; Williams, John G. and Mumford, R.E.: ROM: 1 [1 - 7] - 19 4/20: Kyongo, Robert N.: ROM: 11 [11 - 11 - 20].
- Aruba Lodge:** Collection Date Unknown: Kock, Dieter: SMF: 3 [3]; Schmutter, H. and Kock, D.: SMF: 1 [1 - 4 - 4].
- Athi river:** 19 7/25: Ash, J.S.: USNM: 3 [3 - 3] - 19 8/17: Ash, J.S.: USNM: 2 [2 - 2] - 19 9/07: Cade, C.E.: FMNH: 1 [1 - 1 - 6].
- Athi river, 6 mi S:** Collection Date Unknown: Hayward, Bruce J.: USNM: 1 [1 - 1 - 1].
- Barberton Farm:** Collection Date Unknown: Mumford, R.E.: USNM: 2 [2 - 2] - 19 7/26: Mumford, R.E.: USNM: 2 [2 - 2] - 19 7/27: Mumford, R.E.: ROM: 1 [1 - 1] - 19 7/28: Mumford, R.E.: USNM: 1 [1 - 1 - 6].
- Baringo, 30 mi NW:** 19 2/31: Lowe, Willoughby P.: BMNH: 1 [1 - 1 - 1].
- Baringo, lake:** Collection Date Unknown: Start, A.N.: BMNH: 6 [6 - 6] - 19 3/20: Williams, John G.: ROM: 5 [5 - 5] - 19 6/20: Bayer: RMCA: 2 [2 - 2] - 19 9/03: Williams, John G.: ROM: 1 [1 - 1] - 19 9/04: Williams, John G.: ROM: 1 [1 - 1] - 19 9/18: Williams, A.E.: ROM: 2 [2]; Williams, John G.: ROM: 1 [1 - 3 - 18].
- Bat island:** 19 2/27: Williams, John G.: ROM: 1 [1 - 1] - 19 4/28: Lake Rudolf Rift Valley Expedition 1934: BMNH: 2 [2 - 2 - 3].
- Benane:** 19 6/27: Sutton, J.: ROM: 2 [2 - 2] - 19 6/28: Sutton, J.: ROM: 3 [3 - 3 - 5].
- Buffalo Springs:** Collection Date Unknown: Kock, Dieter and Mumford, R.E.: SMF: 1 [1 - 1 - 1].
- Buffalo Springs natural reserve:** 19 8/31: Schlitter, Duane A. (dr.): CM: 4 [4 - 4] - 19 9/02: Schlitter, Duane A. (dr.): CM: 4 [4 - 4 - 8].
- Bushwacker's Safari Camp:** 19 0/23: Schlitter, Duane A. (dr.) et al.: CM: 2 [2 - 2] - 19 0/24: Schlitter, Duane A. (dr.) et al.: CM: 1 [1 - 1] - 19 0/25: Schlitter, Duane A. (dr.) et al.: CM: 1 [1 - 1] - 19 0/27: Schlitter, Duane A. (dr.) et al.: CM: 5 [5 - 5] - 19 4/26: Stephan, Heinz: SMF: 2 [2 - 2 - 11].
- Central island:** Collection Date Unknown: Foster, J.B.: ROM: 15 [15 - 15] - 19 6/30: Horne, J. and Howell, K.M.: BMNH: 1 [1 - 1 - 16].
- Chanler Falls [=Chandler's Falls]:** Collection Date Unknown: ? : Collector Unknown: BMNH: 1 [1 - 1 - 1].
- Cherangani Hills:** 19 2/23: Seed, Robin D.: ROM: 1 [1 - 1 - 1].
- Coast province:** 19 7/30: Kyongo, Robert N.: RMNH: 1 [1 - 1 - 1].
- Diani Beach, 10 km S:** 19 4/24: Stephan, Heinz: SMF: 4 [4 - 4 - 4].
- Diani Forest:** 19 0/17: Bergmans, Wim: ZMA: 4 [4]; Smeenk, Chris: RMNH: 2 [2 - 6] - 19 0/19: Smeenk, Chris: RMNH: 1 [1 - 1] - Collection Date Unknown: Smeenk, Chris: RMNH: 1 [1 - 1 - 8].
- Donya Sabuk [=syn Donjo Sebuk, Ol Dongo Sabuk National Park]:** 19 2/12: Benson, John: NMK: 1 [1 - 1 - 1].
- Elgon, Mount:** Collection Date Unknown: Hayward, Bruce J.: WNMU: 1 [1]; Kemp, Robin: BMNH: 1 [1 - 2] - 19 2/24: Kock, Dieter: SMF: 1 [1 - 1] - 19 6/03: Burton: ROM: 1 [1 - 1] - 19 7/18: Hayward, Bruce J.: WNMU: 1 [1 - 1] - 19 7/28: Hayward, Bruce J.: WNMU: 1 [1 - 1 - 6].
- Endebess:** Collection Date Unknown: ? : Collector Unknown: ROM: 1 [1 - 1] - 19 8/20: Start, A.N.: BMNH: 1 [1 - 1 - 2].
- Endoposei river:** Collection Date Unknown: Eger, Judith L.: ROM: 2 [2 - 2] - 19 1/16: Eger, Judith L. and Glen, R.: ROM: 8 [8 - 8 - 10].
- Ewaso Ng'iro:** 19 8/18: Percival, A.B.: BMNH: 1 [1 - 1] - 19 9/04: Percival, A.B.: BMNH: 1 [1 - 1] - 19 9/30: Percival, A.B.: BMNH: 1 [1 - 1 - 3].
- Ferguson's Gulf:** Collection Date Unknown: Horne, J. and Howell, K.M.: BMNH: 1 [1 - 1] - 19 4/20: Hayward, Bruce J.: CM: 4 [4 - 4] - 19 8/27: Hayward, Bruce J.: CM: 1 [1 - 1 - 6].
- Fort Hall:** 19 0/17: Hinde, Hildegard (Mrs.): BMNH: 1 [1 - 1] - Collection Date Unknown: Hinde, S.L. (dr.): BMNH: 1 [1 - 1] - 19 1/01: Hinde, Hildegard (Mrs.): BMNH: 1 [1 - 1] - 19 1/25: Hinde, Hildegard (Mrs.): BMNH: 1 [1 - 1] - 19 1/26: Hinde, S.L. (dr.): BMNH: 1 [1 - 1] - 19 7/10: ? : Collector Unknown: ROM: 1 [1 - 1 - 6].
- Fort Hall [=Muranga]:** 19 2/06: Hinde, S.L. (dr.): BMNH: 1 [1 - 1 - 1].
- Gargues, mount [summit]:** 19 8/26: Heller, Edmund: USNM: 3 [3 - 3 - 3].
- Garibete Water Hole:** Collection Date Unknown: Start, A.N.: SMF: 1 [1 - 1 - 1].
- Garsen:** 19 8/12: Start, A.N.: BMNH: 1 [1 - 1 - 1].
- Garsen, 8.5 km N:** 19 2/30: ? : Collector Unknown: ROM: 3 [3 - 3] - 19 2/31: ? : Collector Unknown: ROM: 1 [1 - 1 - 4].
- Garsen, near:** 19 2/31: Eger, Judith L. and Glen, R.: ROM: 1 [1 - 1 - 1].
- Gedi National Park:** 19 4/01: Rathburn, G.B.: SMF: 1 [1 - 1 - 1].
- Gibraltar island:** 19 1/18: Friedman, R. and Williams, J.G.: AMNH: 3 [3 - 3] - 19 9/02: Williams, A.E.: ROM: 6 [6]; Williams, John G.: ROM: 2 [2 - 8 - 11].
- Gilgil river:** Collection Date Unknown: Delamere, Lord: BMNH: 1 [1 - 1 - 1].
- Guaso Nyiro:** Collection Date Unknown: Cosins: BMNH: 1 [1 - 1 - 1].
- Hells Gate Canyon:** 19 0/03: Schlitter, Duane A. (dr.) et al.: CM: 2 [2 - 2] - 19 9/30: Schlitter, Duane A. (dr.): CM: 1 [1]; Schlitter, Duane A. (dr.) et al.: CM: 1 [1 - 2 - 4].
- Ijara:** 19 8/23: Perry, R.C.: BMNH: 3 [3 - 3 - 3].
- Ikuywa river bridge:** Collection Date Unknown: Schlitter, Duane A. (dr.) et al.: CM: 1 [1 - 1] - 19 1/08: Schlitter, Duane A. (dr.) et al.: CM: 2 [2 - 2] - 19 8/05: Schlitter, Duane A. (dr.): CM: 2 [2 - 2 - 5].
- Inyokomi:** 19 2/06: Kyongo, Robert N.: RMNH: 1 [1 - 1 - 1].
- Isiolo:** 19 2/16: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Isiolo:** Collection Date Unknown: ? : Collector Unknown: LACM: 1, ROM: 1 [2 - 2 - 2].
- Kabete:** 19 6/24: ? : Collector Unknown: SMF: 10 [10 - 10 - 10].
- Kaimosi:** 19 2/13: Loveridge, Arthur: MCZ: 1 [1 - 1] - 19 2/25: Loveridge, Arthur: MCZ: 1 [1 - 1 - 2].
- Kakamega:** 19 2/27: Loveridge, Arthur: CM: 1 [1 - 1 - 1].
- Kakamega Forest:** Collection Date Unknown: ? : Collector Unknown: AMNH: 2, HZM: 1, ROM: 3 [6]; Glen, R.: ROM: 3 [3]; Mumford, R.E.: USNM: 1 [1 - 10] - 19 1/02: ? : Collector Unknown: ROM: 1 [1 - 1] - 19 1/15: ? : Collector Unknown: ROM: 1 [1 - 1] - 19 1/23: Williams, John G.: ROM: 1 [1 - 1] - 19 1/24: ? : Collector Unknown: ROM: 2 [2]; Williams, John G.: ROM: 2 [2 - 4] - 19 1/27: Williams, John G.: ROM: 1 [1 - 1] - 19 1/28: Williams, John G.: ROM: 1 [1 - 1] - 19 5/03:

- Stephan, Heinz: SMF: 3 [3 - 3] - 19 5/18: Von Helversen, Otto: SMF: 1 [1 - 1 - 23].
- Kakamega forest station:** 19 1/05: Schlitter, Duane A. (dr.) et al.: CM: 3 [3 - 3] - 19 1/06: Schlitter, Duane A. (dr.) et al.: CM: 1 [1 - 1 - 4].
- Kakamega forest, 8 mi SE:** 19 6/13: Mumford, R.E.: USNM: 1 [1 - 1] - 19 6/16: Mumford, R.E.: ROM: 1, USNM: 1 [2 - 2] - 19 6/17: Mumford, R.E.: USNM: 1 [1 - 1 - 4].
- Kakamega, 5 km S, 16 km E:** Collection Date Unknown: Schlitter, Duane A. (dr.): CM: 1 [1 - 1 - 1].
- Kambiti W.H.:** Collection Date Unknown: Start, P.A.N.: BMNH: 2 [2 - 2 - 2].
- Kampi ya Samaki:** 19 4/09: Williams, A.E.: ROM: 3 [3]; Williams, John G.: ROM: 11 [11 - 14] - 19 4/10: ? : Collector Unknown: ROM: 3 [3]; Williams, John G.: ROM: 1 [1 - 4] - 19 4/11: ? : Collector Unknown: ROM: 1 [1]; Williams, John G.: ROM: 2 [2 - 3] - 19 4/12: ? : Collector Unknown: ROM: 1 [1]; Williams, John G.: ROM: 3 [3 - 4] - 19 4/17: Williams, John G.: ROM: 1 [1 - 1] - 19 4/21: Williams, A.E.: ROM: 1 [1 - 1] - 19 5/02: Williams, A.E.: ROM: 1 [1 - 1 - 28].
- Kamuani Area:** 19 6/01: Stager, K.E.: HZM: 2 [2 - 2 - 2].
- Kamuuani:** 19 2/07: Ithia, J.M.K.: HZM: 1 [1 - 1] - 19 8/16: Ithia, J.M.K.: HZM: 1 [1 - 1 - 2].
- Kapenguria:** 19 7/22: Hayward, Bruce J.: FMNH: 1 [1 - 1 - 1].
- Kara-Suk:** Collection Date Unknown: ? : Collector Unknown: ROM: 2 [2 - 2 - 2].
- Karen:** Collection Date Unknown: Hayward, Bruce J.: USNM: 1 [1 - 1] - 19 1/15: Start, A.N.: BMNH: 1 [1 - 1] - 19 1/16: Start, A.N.: BMNH: 1 [1 - 1] - 19 1/17: Start, A.N.: BMNH: 1 [1 - 1] - 19 2/01: Start, A.N.: BMNH: 1 [1 - 1] - 19 2/01: Start, A.N.: BMNH: 1 [1 - 1] - 19 6/23: Hayward, Bruce J.: FMNH: 2 [2 - 2] - 19 6/29: Hayward, Bruce J.: USNM: 1 [1 - 1 - 9].
- Karen [=Nairobi Fort]:** 19 4/15: Stephan, Heinz: SMF: 1 [1 - 1 - 1].
- Karen, 10 mi SW:** 19 7/16: Hayward, Bruce J.: USNM: 2 [2 - 2] - 19 7/18: Hayward, Bruce J.: USNM: 5 [5 - 5 - 7].
- Karibiti:** Collection Date Unknown: Twomey, A.C.: CM: 3 [3 - 3 - 3].
- Karpeddo:** 19 4/10: Williams, John G.: ROM: 12 [12 - 12 - 12].
- Kathekani:** Collection Date Unknown: Schlitter, Duane A. (dr.): CM: 2 [2 - 2 - 2].
- Katilo:** 19 8/20: Weavers: BMNH: 1 [1 - 1] - 19 8/28: Kock, Dieter: BMNH: 1 [1 - 1 - 2].
- Kau [Osi river]:** Collection Date Unknown: Fischer: ZMB: 1 [1 - 1 - 1].
- Kavirondo [Gulf]:** Collection Date Unknown: Neumann: ZMB: 1 [1 - 1 - 1].
- Kavirongo Gulf, S coast:** Collection Date Unknown: Bell and Leakey: BMNH: 1 [1 - 1 - 1].
- Keekevok:** 19 8/16: Williams, John G.: ROM: 1 [1 - 1] - 19 9/16: Williams, John G.: ROM: 1 [1 - 1 - 2].
- Kenya:** 19 0/27: Davey: HZM: 1 [1 - 1] - Collection Date Unknown: ? : Collector Unknown: USNM: 1 [1 - 1 - 2].
- Kenya, mount:** Collection Date Unknown: Stockley, C.H. (Maj.): BMNH: 1 [1 - 1 - 1].
- Kerio Suk river:** 19 2/09: Pitman, C.R.S. (Capt.): BMNH: 1 [1 - 1 - 1].
- Kiambu, 4 mi NW:** 19 5/31: ? : Collector Unknown: ROM: 1 [1 - 1 - 1].
- Kiboko:** Collection Date Unknown: Hayward, Bruce J.: USNM: 3 [3]; Start, A.N.: SMF: 1 [1 - 4] - 19 2/13: Kyongo, Robert N.: RMNH: 2 [2 - 2] - 19 2/15: Kyongo, Robert N.: RMNH: 1 [1 - 1] - 19 2/16: Kyongo, Robert N.: RMNH: 1 [1 - 1] - 19 7/05: Hayward, Bruce J.: USNM: 1 [1 - 1] - 19 8/28: Machakos: HZM: 1 [1 - 1 - 10].
- Kibomoto:** Collection Date Unknown: Sjöstedt, Y.: MNHN: 1 [1 - 1 - 1].
- Kibwesi:** Collection Date Unknown: Scheffler: ZMB: 8 [8]; Schettler: ZMB: 1 [1 - 9 - 9].
- Kibwezi:** Collection Date Unknown: Hayward, Bruce J.: USNM: 4 [4 - 4] - 19 7/12: Hayward, Bruce J.: USNM: 1 [1 - 1 - 5].
- Kibwezi, 6.5 mi N, 10.5 mi E:** 19 7/07: O'Shea, T.J.: NAU: 1 [1 - 1] - 19 7/08: O'Shea, T.J.: NAU: 1 [1 - 1] - 19 7/09: O'Shea, T.J.: NAU: 1 [1 - 1] - 19 7/10: O'Shea, T.J.: NAU: 2 [2 - 2] - 19 7/11: O'Shea, T.J.: NAU: 1 [1 - 1] - 19 7/12: O'Shea, T.J.: NAU: 3 [3 - 3] - 19 7/14: O'Shea, T.J.: NAU: 1 [1 - 1 - 10].
- Kikambala:** 19 1/01: Seibt and Wickler: SMF: 2 [2 - 2 - 2].
- Kilanguni:** Collection Date Unknown: Williams, John G.: ROM: 1 [1 - 1 - 1].
- Kilifi:** Collection Date Unknown: Start, A.N.: BMNH: 7 [7]; Trevor-Roper, G.D.: BMNH: 1 [1 - 8] - 19 3/15: Williams, John G.: ROM: 1 [1 - 1] - 19 8/10: Williams, A.E.: USNM: 1 [1 - 1] - 19 8/14: Mumford, R.E.: USNM: 1 [1 - 1] - 19 8/15: Williams, John G.: ROM: 5 [5 - 5] - 19 8/17: Williams, John G.: ROM: 1 [1 - 1] - 19 8/20: Mumford, R.E.: USNM: 2 [2 - 2] - 19 8/22: Start, A.N.: BMNH: 1 [1 - 1] - 19 8/27: Start, A.N.: BMNH: 1 [1 - 1 - 21].
- Kilifi, 2 mi W:** 19 7/17: Baettcher, J.W.: WNMU: 1 [1 - 1 - 1].
- Kinna:** 19 6/25: Sutton, J.: ROM: 4 [4 - 4 - 4].
- Kinu:** 19 7/11: Sillu, David M.: RMCA: 4 [4 - 4] - 19 7/22: Sillu, David M.: RMCA: 6 [6 - 6 - 10].
- Kipsain:** Collection Date Unknown: ? : Collector Unknown: HZM: 1 [1 - 1 - 1].
- Kiriri:** Collection Date Unknown: Sillu, David M.: RMCA: 1 [1 - 1 - 1].
- Kisii:** 19 1/02: Ingle, W.J.E.: BMNH: 1 [1 - 1 - 1].
- Kitale:** Collection Date Unknown: Hayward, Bruce J.: USNM: 18 [18 - 18] - 19 3/28: Start, A.N. and Temple, A.M.G.: BMNH: 1 [1 - 1] - 19 7/06: Fowler, J.P.: HZM: 1 [1 - 1] - 19 7/27: Hayward, Bruce J.: USNM: 1 [1 - 1] - 19 8/11: Hayward, Bruce J.: USNM: 1 [1 - 1 - 22].
- Kitale, 12 mi W:** Collection Date Unknown: Hayward, Bruce J.: USNM: 12 [12 - 12] - 19 7/29: Hayward, Bruce J.: USNM: 1 [1 - 1] - 19 7/30: Hayward, Bruce J.: USNM: 1 [1 - 1 - 14].
- Kitale, 18 mi SW:** 19 8/02: Nield, M.: USNM: 2 [2 - 2 - 2].
- Kitale, 25 mi NW:** Collection Date Unknown: Harrison, David Lakin (Dr.): SMF: 2 [2 - 2 - 2].
- Kitale, 7 mi E:** Collection Date Unknown: Mumford, R.E.: USNM: 1 [1 - 1 - 1].
- Kitui:** Collection Date Unknown: Hildebrandt, J.M.: ZMB: 4 [4 - 4] - 19 1/03: Hinde, Hildegard (Mrs.): BMNH: 1 [1 - 1] - 19 1/07: Hinde, S.L. (dr.): BMNH: 1 [1 - 1] - 19 1/26: Hinde, S.L. (dr.): BMNH: 1 [1 - 1] - 19 2/14: Hinde, S.L. (dr.): BMNH: 1 [1 - 1 - 8].
- Kiu:** 19 1/12: Sillu, David M.: ROM: 2 [2 - 2] - 19 1/27: Sillu, David M.: ROM: 3 [3 - 3] - 19 6/23: Kyongo, Robert N.: RMNH: 1 [1 - 1 - 6].
- Kivondo Forest:** 19 3/01: McWilliam, A.N.: BMNH: 1 [1 - 1 - 1].
- Kivumoni Forest:** 19 8/15: Corbet, Gordon B. and Ingles, Jane M.: BMNH: 1 [1 - 1 - 1].
- Kongelai:** 19 2/23: Williams, John G.: ROM: 2 [2 - 2] - 19 7/22: ? : Collector Unknown: ROM: 1 [1 - 1] - 19 8/25: Start, A.N.: BMNH: 1 [1 - 1 - 4].
- Kongelai, 12 mi W:** Collection Date Unknown: Hayward, Bruce J.: USNM: 6 [6 - 6 - 6].
- Kongelai, 3 mi S:** Collection Date Unknown: Hayward, Bruce J.: USNM: 4 [4 - 4 - 4].
- Konza:** 19 3/08: Kyongo, Robert N.: RMNH: 1 [1 - 1] - 19 5/25: Kyongo, Robert N.: RMNH: 1 [1 - 1 - 2].
- Koran Badas:** 19 7/04: Williams, John G.: ROM: 2 [2 - 2 - 2].
- Korau:** 19 7/04: Williams, John G.: ROM: 5 [5 - 5 - 5].
- Kwale:** 19 0/25: Smeenk, Chris: RMNH: 1 [1 - 1] - 19 0/26: Bergmans, Wim: ZMA: 3 [3 - 3] - 19 5/23: Kyongo, Robert N.:

- RMNH: 7 [7 - 7] - 19 5/24: Kyongo, Robert N.: RMNH: 9 [9 - 9] - 19 5/27: Kyongo, Robert N.: RMNH: 1 [1 - 1] - 19 5/30: Kyongo, Robert N.: RMNH: 11 [11 - 11] - 19 6/01: Kyongo, Robert N.: RMNH: 1 [1 - 1] - 19 7/25: Kyongo, Robert N.: RMNH: 3 [3 - 3 - 36].
- Kyangili:** 19 6/18: Kyongo, Robert N.: RMNH: 1 [1 - 1 - 1].
- Laikipia ranch:** 19 8/15: Robson, M.U. and Start, A.N.: BMNH: 1 [1 - 1 - 1].
- Lake Naruku national park:** 19 1/26: Schwan, Tom G.: AMNH: 1 [1 - 1 - 1].
- Langata forest:** 19 1/26: Nikolaus, G.: SMNS: 1 [1 - 1] - 19 7/07: Williams, John G.: ROM: 1 [1 - 1 - 2].
- Lemek hill:** 19 7/09: Mumford, R.E.: USNM: 1 [1 - 1 - 1].
- Leopard Rock Lodge:** 19 1/30: Kock, Dieter: SMF: 1 [1 - 1 - 1].
- Lesukut island:** 19 8/29: Start, A.N.: HZM: 2, SMF: 2 [4 - 4 - 4].
- Lokiri:** 19 7/26: Coe, M.J. (dr.): BMNH: 1 [1 - 1 - 1].
- Lualeni Borehole:** Collection Date Unknown: Parker, Ian: BMNH: 1 [1 - 1 - 1].
- Luazomela:** 19 3/20: ? : Collector Unknown: NRM: 1 [1 - 1 - 1].
- Lukenya, mount:** 19 2/14: Heller, Edmund: FMNH: 1 [1 - 1] - 19 2/27: Heller, Edmund: FMNH: 1 [1 - 1 - 2].
- Lukore area:** 19 2/02: Kyongo, Robert N.: RMNH: 1 [1 - 1] - 19 7/24: Ithia, J.M.K.: ROM: 1 [1 - 1 - 2].
- Machakos district:** Collection Date Unknown: Hinde, S.L. (dr.): BMNH: 1 [1 - 1] - 19 7/11: Hinde, S.L. (dr.): BMNH: 1 [1 - 1] - 19 7/14: Sillu, David M.: RMCA: 2 [2 - 2 - 4].
- Magadi:** 19 6/15: Hayward, Bruce J.: WNMU: 1 [1 - 1] - 19 7/02: Williams, John G.: ROM: 1 [1 - 1] - 19 7/06: Sutton, J.: ROM: 3 [3 - 3 - 5].
- Maji Mota:** 19 8/24: Hayward, Bruce J.: USNM: 2 [2 - 2] - 19 8/25: Hayward, Bruce J.: USNM: 1 [1 - 1 - 3].
- Makandara picnic site:** 19 0/14: Schlitter, Duane A. (dr.) et al.: CM: 1 [1 - 1] - 19 0/15: Nelson, K.: AMNH: 1 [1]; Schlitter, Duane A. (dr.) et al.: CM: 4 [4 - 5] - 19 8/18: Schlitter, Duane A. (dr.): CM: 2 [2 - 2 - 8].
- Makindu:** 19 2/29: ? : Collector Unknown: ROM: 2 [2 - 2 - 2].
- Makindu, 35 km E:** Collection Date Unknown: ? : Collector Unknown: ROM: 1 [1 - 1 - 1].
- Malindi:** Collection Date Unknown: ? : Collector Unknown: USNM: 1 [1]; Muir, G.J.: BMNH: 1 [1]; Percival, A.B.: BMNH: 1 [1]; Wells, A.A.: CM: 2 [2 - 5 - 5].
- Malindi, 30 mi N:** Collection Date Unknown: ? : Collector Unknown: BMNH: 1 [1 - 1] - 19 8/13: Start, A.N.: BMNH: 5 [5 - 5 - 6].
- Manda island:** Collection Date Unknown: Voeltzkow: ZMB: 1 [1 - 1 - 1].
- Mara River:** Collection Date Unknown: ? : Collector Unknown: ROM: 4 [4 - 4] - 19 2/06: ? : Collector Unknown: SMF: 1 [1 - 1 - 5].
- Mara river, 15 mi up:** 19 7/08: Mumford, R.E.: USNM: 1 [1 - 1 - 1].
- Marsabit road:** Collection Date Unknown: Heller, Edmund: USNM: 1 [1 - 1 - 1].
- Masabubu:** 19 6/21: Barrington, F.M. and Pine, R.H.: CM: 1 [1 - 1] - 19 6/26: Pine, R.H.: AMNH: 1 [1 - 1 - 2].
- Masabubu, 1.5 mi E:** 19 6/23: Blagden, H.H.: CM: 1 [1 - 1 - 1].
- Masailand:** 18 1/01: Fischer: RMNH: 1 [1 - 1 - 1].
- Masol Location:** Collection Date Unknown: ? : Collector Unknown: ROM: 1 [1 - 1 - 1].
- Massai Mara reserve:** 19 1/05: Kerbis, J.C.: FMNH: 1 [1 - 1 - 1].
- Maungu:** Collection Date Unknown: ? : Collector Unknown: ROM: 2 [2 - 2] - 18 3/24: Britton, C.S.: BMNH: 1 [1 - 1] - 19 5/11: ? : Collector Unknown: ROM: 1 [1 - 1 - 4].
- Maungu Hill:** Collection Date Unknown: ? : Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Mazeras:** 19 2/27: Heller, Edmund: USNM: 2 [2 - 2] - 19 7/02: Kemp, Robin and Rudd, C.D.: BMNH: 3 [3 - 3] - 19 7/10: Kemp, Robin and Rudd, C.D.: BMNH: 1 [1 - 1] - 19 7/11: Kemp, Robin and Rudd, C.D.: BMNH: 1 [1 - 1 - 7].
- Mbololo, mount:** 19 4/23: Loveridge, Arthur: CM: 1 [1 - 1 - 1].
- Menengai:** Collection Date Unknown: Barley, Alen H.: BMNH: 1 [1]; Walen: ZMB: 1 [1 - 2 - 2].
- Merelle Water:** 19 7/22: Heller, Edmund: USNM: 1 [1 - 1 - 1].
- Meru River:** 19 8/06: Allen, Glover Morrill: MCZ: 1 [1 - 1] - 19 8/07: Allen, Glover Morrill: AMNH: 1 [1 - 1] - 19 8/11: Allen, Glover Morrill: MCZ: 1 [1 - 1 - 3].
- Mitunbur:** 19 2/11: Williams, John G.: ROM: 1 [1 - 1 - 1].
- Moane:** Collection Date Unknown: Schlitter, Duane A. (dr.): CM: 5 [5 - 5 - 5].
- Moctow, 50 mi S [=Maktau, 50 mi S]:** 19 5/22: Goodwin, G.G.: AMNH: 1 [1 - 1 - 1].
- Molo river:** Collection Date Unknown: Start, A.N.: BMNH: 1 [1 - 1] - 19 7/22: Greenberg, Stuart N.: CAS: 1 [1 - 1 - 2].
- Mombas [=Mombassa]:** Collection Date Unknown: Hildebrandt, J.M.: ZMB: 9 [9]; Hirsch: ZMB: 1 [1 - 10 - 10].
- Mombassa:** 19 1/20: Currie: SMF: 1 [1 - 1] - 19 5/20: Loveridge, Arthur and Swaythling: BMNH: 1 [1 - 1 - 2].
- Morok River:** Collection Date Unknown: ? : Collector Unknown: ROM: 1 [1 - 1 - 1].
- Mount Elgon:** Collection Date Unknown: ? : Collector Unknown: BMNH: 1 [1 - 1 - 1].
- Mtito Andei:** 19 3/25: ? : Collector Unknown: ROM: 1 [1 - 1 - 1].
- Mukanda Stream:** Collection Date Unknown: ? : Collector Unknown: ROM: 1 [1 - 1 - 1].
- Mumias:** 19 1/02: Kemp, Robin and Rudd, C.D.: BMNH: 1 [1 - 1 - 1].
- Muranga:** Collection Date Unknown: ? : Collector Unknown: BMNH: 1 [1]; Hinde, S.L. (dr.): BMNH: 3 [3 - 4] - 19 1/20: Hinde, S.L. (dr.): BMNH: 1 [1 - 1] - 19 4/18: Hinde, S.L. (dr.): BMNH: 1 [1 - 1] - 19 6/12: Hinde, S.L. (dr.): BMNH: 1 [1 - 1] - 19 6/20: Hinde, S.L. (dr.): BMNH: 1 [1 - 1 - 8].
- Murri:** Collection Date Unknown: Battersby, J.C.: BMNH: 1 [1 - 1 - 1].
- Muumandu:** 19 1/26: Kyongo, Robert N.: RMNH: 1 [1 - 1] - 19 1/27: Kyongo, Robert N.: RMNH: 4 [4 - 4] - 19 1/28: Kyongo, Robert N.: RMNH: 1 [1 - 1] - 19 1/29: Kyongo, Robert N.: RMNH: 1 [1 - 1] - 19 3/26: Stager, K.E.: HZM: 2 [2 - 2] - 19 4/11: Ithia, J.M.K.: RMNH: 1 [1 - 1] - 19 5/12: Kyongo, Robert N.: RMNH: 1 [1 - 1] - 19 8/06: Ithia, J.M.K.: HZM: 1 [1 - 1 - 12].
- Mweiga, 10 mi NW:** 19 1/20: Bauer, R.G.: YPM: 2 [2 - 2 - 2].
- Nairobi:** Collection Date Unknown: ? : Collector Unknown: SMF: 2 [2]; Purvis, Martin: LACM: 1 [1 - 3] - 19 2/07: ? : Collector Unknown: ROM: 1 [1 - 1] - 19 3/02: Mearns, Edgar Alexander (Dr.): USNM: 1 [1 - 1] - 19 4/08: ? : Collector Unknown: ROM: 2 [2 - 2] - 19 4/20: ? : Collector Unknown: ROM: 2 [2 - 2] - 19 4/23: Thomas, Dr. Felix: NMW: 1 [1 - 1] - 19 4/25: ? : Collector Unknown: ROM: 1 [1 - 1] - 19 8/18: Greenberg, Stuart N.: CAS: 1 [1 - 1] - 19 9/23: Williams, L.: SMF: 1 [1 - 1 - 13].
- Naivasha, 10 mi W:** 19 6/23: Hayward, Bruce J.: USNM: 2 [2 - 2 - 2].
- Naivasha, lake:** 19 0/19: Johnston, Harry H. (Sir): BMNH: 1 [1 - 1] - Collection Date Unknown: Purvis, Martin: LACM: 2 [2 - 2] - 19 4/18: Minter, D.M.: USNM: 2 [2 - 2 - 5].
- Nakuchett:** Collection Date Unknown: Hayward, Bruce J.: USNM: 1 [1 - 1 - 1].

- Nakuru, 12 km S, 4 km E:** 19 0/07: Schlitter, Duane A. (dr.) et al.: CM: 2 [2 - 2 - 2].
- Nakuru, 2 mi S:** Collection Date Unknown: Hayward, Bruce J.: USNM: 1 [1 - 1 - 1].
- Namanga:** Collection Date Unknown: ?; Collector Unknown: ROM: 1 [1]; Williams, John G.: HZM: 1 [1 - 2] - 19 2/05: Queeny, E.M.: AMNH: 1 [1 - 1 - 3].
- Nanyuki [=Nangukij]:** Collection Date Unknown: ?; Collector Unknown: ROM: 1 [1 - 1 - 1].
- Ndara hills:** 19 4/12: Kemp, Robin: BMNH: 2 [2]; Kemp, Robin and Rudd, C.D.: BMNH: 1 [1 - 3 - 3].
- Ndi:** Collection Date Unknown: ?; Collector Unknown: BMNH: 1 [1]; Hildebrandt, J.M.: ZMB: 8 [8 - 9] - 19 8/20: Mumford, R.E.: USNM: 1 [1 - 1 - 10].
- near Hoey's Bridge:** Collection Date Unknown: ?; Collector Unknown: BMNH: 3 [3 - 3 - 3].
- Ngambo:** 19 1/28: Williams, A.E.: ROM: 1 [1 - 1 - 1].
- Ngangao forest:** Collection Date Unknown: Schlitter, Duane A. (dr.): CM: 1 [1 - 1] - 19 9/22: Schlitter, Duane A. (dr.): CM: 4 [4 - 4 - 5].
- Ngombeni caves:** 19 7/26: Granger, W.W.: USNM: 1 [1 - 1] - 19 8/14: Mumford, R.E.: USNM: 1 [1 - 1] - 19 8/15: Mumford, R.E.: USNM: 3 [3 - 3 - 5].
- Ngong:** 19 4/09: Williams, John G.: HZM: 1 [1 - 1 - 1].
- Ngong Hills:** Collection Date Unknown: Mumford, R.E.: USNM: 2 [2 - 2] - 19 6/15: Hayward, Bruce J.: FMNH: 1 [1 - 1] - 19 6/29: Mumford, R.E.: USNM: 1 [1 - 1] - 19 7/01: Mumford, R.E.: USNM: 1 [1 - 1] - 19 7/24: Mumford, R.E.: USNM: 1 [1 - 1] - 19 8/14: Mumford, R.E.: USNM: 1 [1 - 1] - 19 8/15: Patterson, P.: USNM: 2 [2 - 2 - 9].
- Nguruman Escarpment:** Collection Date Unknown: ?; Collector Unknown: ZMB: 2 [2]; Neumann: ZMB: 2 [2 - 4 - 4].
- Njeruma Gorge:** 19 9/20: Forbes-Watson, A.D.: USNM: 1 [1 - 1 - 1].
- Nyangala hill:** 19 2/20: ?; Collector Unknown: ROM: 2 [2 - 2 - 2].
- Nyeri:** Collection Date Unknown: ?; Collector Unknown: HZM: 1 [1 - 1] - 19 9/03: Fowlet: HZM: 1 [1 - 1 - 2].
- Nyuki [=Nanyuki] river:** Collection Date Unknown: ?; Collector Unknown: USNM: 1 [1 - 1 - 1].
- Oleibortoto river:** 19 9/14: Start, A.N.: BMNH: 3 [3 - 3 - 3].
- Ortum:** Collection Date Unknown: ?; Collector Unknown: ROM: 11 [11 - 11] - 19 3/11: ?; Collector Unknown: ROM: 1 [1 - 1 - 12].
- Patta [=Pate, island]:** Collection Date Unknown: Voeltzkow: ZMB: 4 [4 - 4 - 4].
- Port Reitz:** 19 9/28: Corbet, Gordon B.: BMNH: 1 [1 - 1 - 1].
- Rabai:** Collection Date Unknown: ?; Collector Unknown: BMNH: 1 [1 - 1] - 19 2/15: Percival, A.B.: BMNH: 1 [1 - 1 - 2].
- Rondo forest:** 19 0/28: Kyongo, Robert N. and Williams, A.: ROM: 1 [1 - 1] - 19 1/01: Peterson, Randolph L. and Glenn R.: ROM: 3 [3 - 3] - 19 1/06: Kyongo, Robert N. and Williams, A.: ROM: 1 [1 - 1] - 19 1/13: Kyongo, Robert N. and Williams, A.: ROM: 1 [1 - 1 - 6].
- Rongai:** Collection Date Unknown: Fowler, J.P.: HZM: 1 [1 - 1] - 19 8/15: Start, A.N.: BMNH: 1 [1 - 1 - 2].
- Rongai, 5 km S:** Collection Date Unknown: ?; Collector Unknown: ROM: 1 [1 - 1 - 1].
- Ruaraka:** 19 9/22: ?; Collector Unknown: SMF: 4 [4]; Kock, Dieter: SMF: 1 [1 - 5 - 5].
- Ruaraka, Safari Park Hotel:** 19 9/21: DeVree, F. and Kock, D.: SMF: 1 [1 - 1 - 1].
- Ruivi:** 19 0/22: Baum, H.: SMF: 1 [1 - 1 - 1].
- Rumurati, 64 km NW:** Collection Date Unknown: Williams, John G.: ROM: 1 [1 - 1 - 1].
- Ruwenzori East:** 19 1/20: Dent, R.E.: RMCA: 1 [1 - 1] - 19 1/21: Carruthers, R.: RMCA: 1 [1 - 1 - 2].
- Saiwa river:** 19 3/08: ?; Collector Unknown: ROM: 1 [1 - 1] - 19 3/18: ?; Collector Unknown: ROM: 1 [1 - 1] - 19 3/19: ?; Collector Unknown: ROM: 1 [1 - 1 - 3].
- Sala:** Collection Date Unknown: Parker: SMF: 2 [2 - 2 - 2].
- Samburu Game Lodge:** 19 1/05: Williams, John G.: ROM: 2 [2 - 2 - 2].
- Sarmai:** 19 9/13: ?; Collector Unknown: ROM: 1 [1 - 1 - 1].
- Shell BM Camp:** 19 2/27: Eger, Judith L. and Glen, R.: ROM: 1 [1 - 1 - 1].
- Shimba Hills:** 19 0/16: Schlitter, Duane A. (dr.) et al.: CM: 1 [1 - 1] - 19 0/16: Bergmans, Wim and Bergmans, E.: ZMA: 2 [2 - 2] - 19 0/24: Smeenk, Chris: RMNH: 1 [1 - 1] - 19 0/25: Bergmans, Wim and Bergmans, E.: ZMA: 2 [2 - 2] - 19 0/26: Smeenk, Chris: RMNH: 7 [7 - 7] - Collection Date Unknown: Schlitter, Duane A. (dr.): CM: 1 [1]; Schlitter, Duane A. (dr.) et al.: CM: 1 [1]; Sillu, David M.: MWSU: 1 [1 - 3] - 19 1/19: Sillu, David M.: RMCA: 1 [1 - 1] - 19 1/25: Sillu, David M.: RMCA: 2, ROM: 1 [3 - 3] - 19 1/30: Sillu, David M.: RMCA: 1 [1 - 1] - 19 2/03: Sillu, David M.: RMCA: 1 [1 - 1] - 19 2/09: Sillu, David M.: RMCA: 1 [1 - 1] - 19 2/09: ?; Collector Unknown: ROM: 1 [1 - 1] - 19 2/18: ?; Collector Unknown: ROM: 1 [1 - 1] - 19 2/19: ?; Collector Unknown: ROM: 1 [1 - 1] - 19 5/27: Kyongo, Robert N.: RMNH: 1 [1 - 1] - 19 6/01: Kyongo, Robert N.: RMNH: 2 [2 - 2] - 19 7/20: Kyongo, Robert N.: RMNH: 1 [1 - 1] - 19 7/29: Kyongo, Robert N.: RMNH: 2 [2 - 2] - 19 7/30: Kyongo, Robert N.: RMNH: 1 [1 - 1] - 19 9/28: Kyongo, Robert N.: RMNH: 1 [1 - 1 - 34].
- Shimoni:** Collection Date Unknown: Twomey, A.C.: CM: 1 [1 - 1 - 1].
- Sigor:** Collection Date Unknown: Schlitter, Duane A. (dr.): CM: 2 [2 - 2] - 19 2/17: ?; Collector Unknown: ROM: 1 [1]; Williams, John G.: ROM: 1 [1 - 2] - 19 6/01: Williams, John G.: ROM: 2 [2 - 2] - 19 7/07: Williams, John G.: ROM: 1 [1 - 1] - 19 7/20: Williams, John G.: ROM: 1 [1 - 1] - 19 7/21: Williams, John G.: ROM: 2 [2 - 2] - 19 9/11: Schlitter, Duane A. (dr.): CM: 1 [1 - 1] - 19 9/13: Schlitter, Duane A. (dr.): CM: 2 [2 - 2 - 13].
- Sigor, 2 mi S:** Collection Date Unknown: Hayward, Bruce J.: WNMU: 1 [1 - 1] - 19 7/29: ?; Collector Unknown: WNMU: 1 [1 - 1 - 2].
- Simba:** 19 2/30: Aidley: BMNH: 1 [1 - 1 - 1].
- Soko forest:** 19 0/05: Bergmans, Wim: ZMA: 1 [1]; Bergmans, Wim and Bergmans, E.: ZMA: 2 [2 - 3] - 19 0/06: Smeenk, Chris: RMNH: 1 [1 - 1] - 19 0/08: Bergmans, Wim: ZMA: 2 [2]; Bergmans, Wim and Bergmans, E.: ZMA: 1 [1 - 3] - 19 0/11: Bergmans, Wim: ZMA: 1 [1]; Bergmans, Wim and Bergmans, E.: ZMA: 1 [1]; Smeenk, Chris: RMNH: 1 [1 - 3] - 19 0/14: Smeenk, Chris: RMNH: 1 [1 - 1] - Collection Date Unknown: ?; Collector Unknown: WNMU: 1 [1 - 1] - 19 7/18: Forbes-Watson, A.D.: USNM: 1 [1 - 1] - 19 7/21: Baettcher, J.W.: WNMU: 1 [1 - 1] - 19 8/14: ?; Collector Unknown: ROM: 4 [4 - 4 - 18].
- Songhor:** 19 1/03: Ellis, Rev. W.: HZM: 1 [1 - 1 - 1].
- South Nguasso Nyiro river:** 19 6/16: Mearns, Edgar Alexander (Dr.): USNM: 1 [1 - 1 - 1].
- southern slopes Mt ...:** 19 9/16: Rudd: BMNH: 1 [1 - 1 - 1].
- Suam River:** Collection Date Unknown: ?; Collector Unknown: ROM: 4 [4 - 4] - 19 2/13: Williams, John G.: ROM: 2 [2 - 2 - 6].
- Sultan Hamud:** Collection Date Unknown: Start, A.N.: BMNH: 1, SMF: 1 [2 - 2 - 2].
- Swan river:** 19 2/13: ?; Collector Unknown: ROM: 1 [1 - 1 - 1].
- Taita:** Collection Date Unknown: Baagøe, Hans J.: BMNH: 1 [1]; Heller, Edmund: USNM: 1 [1]; Hildebrandt, J.M.: BMNH: 2 [2 - 4] - 19 1/01: Rolle, Hermann: SMNS: 1 [1 - 1 - 5].

Takaunga: Collection Date Unknown: Percival, A.B.: BMNH: 1 [1 - 1 - 1].
Takaungu: Collection Date Unknown: Thomas: ZMB: 6 [6 - 6 - 6].
Talek Gate: Collection Date Unknown: Schlitter, Duane A. (dr.): CM: 10 [10 - 10] - 19 8/10: Schlitter, Duane A. (dr.): CM: 1 [1 - 1] - 19 8/13: Schlitter, Duane A. (dr.): CM: 1 [1 - 1 - 12].
Tambalal Falls: Collection Date Unknown: ?: Collector Unknown: ROM: 6 [6 - 6] - 19 2/12: Williams, John G.: ROM: 1 [1 - 1 - 7].
Tamkal Camp: 19 8/27: Start, A.N.: BMNH: 1 [1 - 1 - 1].
Tana River: Collection Date Unknown: ?: Collector Unknown: LACM: 2 [2]; Chandler, W.A.: USNM: 5 [5]; Hunter, H.C.V., Esq.: BMNH: 1 [1 - 8 - 8].
Taveta Sisal Estate: Collection Date Unknown: Schlitter, Duane A. (dr.): CM: 2 [2 - 2 - 2].
Taveta, 3 km E: Collection Date Unknown: Schlitter, Duane A. (dr.): CM: 1 [1 - 1] - 19 9/20: Schlitter, Duane A. (dr.): CM: 3 [3 - 3 - 4].
Tiwi Beach: 19 0/19: Bergmans, Wim: ZMA: 1 [1]; Bergmans, Wim and Bergmans, E.: ZMA: 3 [3 - 4] - 19 0/20: Bergmans, Wim: ZMA: 1 [1]; Bergmans, Wim and Bergmans, E.: ZMA: 3 [3 - 4] - 19 3/04: Williams, John G.: ROM: 1 [1 - 1 - 9].
Tiwi, 1 km N: 19 0/17: Schlitter, Duane A. (dr.) et al.: CM: 1 [1 - 1] - 19 0/19: Schlitter, Duane A. (dr.) et al.: CM: 2 [2 - 2 - 3].
Tiwi, NW of: Collection Date Unknown: Schlitter, Duane A. (dr.): CM: 2 [2 - 2 - 2].
Tororo: 19 5/23: ?: Collector Unknown: ROM: 3 [3 - 3 - 3].
Tororo, 30 mi E: 19 5/24: Williams, John G.: ROM: 2 [2 - 2 - 2].
Trans-Nzoia district: Collection Date Unknown: Pitman, C.R.S. (Capt.): BMNH: 1 [1 - 1] - 19 6/16: Williams, A.E.: ROM: 1 [1 - 1 - 2].
Turkana, lake: Collection Date Unknown: Start, A.N.: BMNH: 2 [2 - 2 - 2].
Turkwell Gorge: Collection Date Unknown: ?: Collector Unknown: ROM: 1 [1]; Jackson, ?.J.: BMNH: 1 [1 - 2 - 2].
Turkwell river: 19 9/14: ?: Collector Unknown: ROM: 1 [1 - 1 - 1].
Ukamba [=Kitui]: Collection Date Unknown: Hildebrandt, J.M.: ZMB: 2 [2 - 2 - 2].
Ukwala: 19 5/21: Williams, John G.: ROM: 1 [1 - 1] - 19 8/20: Williams, John G.: ROM: 1 [1 - 1] - 19 9/20: Williams, John G.: ROM: 2 [2 - 2 - 4].
Ushindo [=Ushingo]: Collection Date Unknown: Stuhlmann, Franz (dr.): ZMB: 1 [1 - 1 - 1].
Vasco de Gama Point: 19 2/01: Fowlet: HZM: 1 [1 - 1 - 1].
Voi: 19 3/17: Benzon, Boye (dr.): ZMUC: 1 [1 - 1] - 19 9/07: Foster, J.B.: ROM: 1 [1 - 1] - 19 9/08: Monks, D. and Foster, J.B.: ROM: 2 [2 - 2 - 4].
Voi, 30 km SE: Collection Date Unknown: ?: Collector Unknown: ROM: 2 [2 - 2 - 2].
Watamu: 19 0/03: Smeenk, Chris: RMNH: 1 [1 - 1 - 1].
Wei Wei river: 19 0/01: Start, A.N.: BMNH: 5 [5 - 5] - 19 0/21: Start, A.N.: BMNH: 1 [1 - 1] - Collection Date Unknown: ?: Collector Unknown: BMNH: 1, LACM: 4, ROM: 6 [11]; Jones, John: ROM: 2 [2]; Schlitter, Duane A. (dr.): CM: 8 [8]; Start, A.N.: BMNH: 1 [1 - 22] - 19 2/11: Williams, John G.: ROM: 2 [2 - 2] - 19 2/17: Williams, John G.: ROM: 1 [1 - 1] - 19 8/22: Start, A.N.: BMNH: 1 [1 - 1] - 19 8/25: Start, A.N.: BMNH: 1 [1 - 1 - 33].
Yala river: Collection Date Unknown: ?: Collector Unknown: BMNH: 5 [5]; Gerard, E. (Dr.) and Turner, H.J.A. (?): BMNH: 1 [1]; Turner, A.: NRM: 1 [1 - 7] - 19 1/08: Allen, H.J. and Turner, H.J.A. (?): RMCA: 1 [1 - 1] - 19 1/09: Turner, H.J.A.: BMNH: 1 [1 - 1] - 19 1/09: Turner, A.: NRM: 1 [1 - 1] - 19 1/10: Allen, H.J. and Turner, H.J.A. (?): RMCA: 1 [1]; Turner, A.: NRM: 3 [3 - 4] - 19 1/11: Turner, A.: NRM: 1 [1 - 1] - 19 1/12: Turner, A.: NRM: 1 [1 - 1] - 19 1/13: Turner, H.J.A.: USNM: 1 [1 - 1] - 19 1/13: Turner, A.: NRM: 4 [4 - 4] - 19 1/16: Gerard, E. (Dr.) and Turner, H.J.A. (?): BMNH: 1 [1 - 1] - 19 1/18: Turner, H.J.A.: USNM: 1 [1 - 1] - 19 1/19: Turner, A.: NRM: 2 [2 - 2] - 19 1/20: Turner, H.J.A.: USNM: 1 [1 - 1] - 19 1/23: Gerard, E. (Dr.) and Turner, H.J.A. (?): BMNH: 1 [1 - 1] - 19 1/30: Turner, A.: NRM: 1 [1 - 1] - 19 2/01: Gerard, E. (Dr.) and Turner, H.J.A. (?): BMNH: 1 [1 - 1] - 19 2/05: Allen, H.J. and Turner, H.J.A. (?): NRM: 1 [1 - 1 - 30].
Yale River: 19 0/05: Turner, A.: NMK: 2 [2 - 2] - 19 0/20: Turner, A.: NMK: 3 [3 - 3 - 5].

Total Specimens for Kenya: 1008

Lesotho

Botsoela [= Malealea]: 19 0/20: NMB: 1 [1 - 1] - 19 0/21: ?: Collector Unknown: NMB: 1 [1 - 1] - Collection Date Unknown: ?: Collector Unknown: NMB: 2 [2 - 2 - 4].
Fort Hartley, 10 mi NE [=Quthing, 10 mi NE]: 19 3/14: Lambrechts, A.V.W.: USNM: 1 [1 - 1] - 19 3/15: Lambrechts, A.V.W.: USNM: 8 [8 - 8 - 9].
Marakabei: Collection Date Unknown: ?: Collector Unknown: NMB: 2 [2 - 2 - 2].
Maseru: 19 0/17: ?: Collector Unknown: NMB: 4 [4 - 4] - 19 0/18: ?: Collector Unknown: NMB: 6 [6 - 6] - 19 0/19: ?: Collector Unknown: NMB: 5 [5 - 5 - 15].
Mokhotlong: 19 2/10: ?: Collector Unknown: NMB: 27 [27 - 27 - 27].
Nkokomele, near: 19 2/10: ?: Collector Unknown: NMB: 3 [3 - 3 - 3].
Oxbow: 19 2/20: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].
Pelaneng: 19 4/17: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].
Quacha's Neck [= White Hill]: 19 1/29: ?: Collector Unknown: NMB: 3 [3 - 3 - 3].
Quthing: Collection Date Unknown: ?: Collector Unknown: NMB: 7 [7 - 7] - 19 1/11: ?: Collector Unknown: NMB: 1 [1 - 1] - 19 1/12: ?: Collector Unknown: NMB: 1 [1 - 1] - 19 1/13: ?: Collector Unknown: NMB: 1 [1 - 1 - 10].
Sehlabathebe National Park, small dam: Collection Date Unknown: ?: Collector Unknown: NMB: 8 [8 - 8 - 8].
Sehonghong: 19 3/05: ?: Collector Unknown: NMB: 2 [2 - 2] - 19 3/10: ?: Collector Unknown: NMB: 2 [2 - 2 - 4].
Semonkong: 19 2/12: ?: Collector Unknown: NMB: 20 [20 - 20 - 20].
Teyateyaneng: Collection Date Unknown: Guilbormod, Jacot: TM: 2 [2 - 2 - 2].
Thaba Tseka: 19 0/19: ?: Collector Unknown: NMB: 1 [1 - 1] - 19 0/20: ?: Collector Unknown: NMB: 1 [1 - 1 - 2].
Thaba-Tseka: 19 0/16: ?: Collector Unknown: NMB: 3 [3 - 3] - 19 1/01: ?: Collector Unknown: NMB: 1 [1 - 1 - 4].

Total Specimens for Lesotho: 115

Liberia

Barclay, mount [see **Rosevear**: Collection Date Unknown: BMNH: 1 [1 - 1 - 1].
Coffee, mount: Collection Date Unknown: Cook, O.F.: USNM: 1 [1 - 1] - 18 5/01: Cook, O.F.: USNM: 1 [1 - 1 - 2].
Fanti: Collection Date Unknown: Scharpe: ZMB: 1 [1]; Sharpe: ZMB: 1 [1 - 2 - 2].
Farmington river: 18 7/01: Stampfli, F.X.: RMNH: 1 [1 - 1 - 1].
Ghapa: 19 2/18: Verschuren, Jacques: KBIN: 1 [1 - 1 - 1].
Gomutown: 19 6/15: Johnson, W.G.: RMCA: 1 [1 - 1 - 1].
Grassfield: 19 7/11: Wolton, R.J. - [Oxford University Expedition to Mt Nimba]: BMNH: 1 [1 - 1] - 19 7/26: Wolton, R.J. - [Oxford University Expedition to Mt Nimba]: BMNH: 1 [1 - 1 - 2].
Hilltown: Collection Date Unknown: Stampfli, F.X. and Büttikofer, J.: RMNH: 1 [1 - 1 - 1].
John Hegbe farm: Collection Date Unknown: Voros, Andrew S.: AMNH: 1 [1 - 1 - 1].
John Town: 19 9/03: Voros, Andrew S.: AMNH: 1 [1 - 1 - 1].
Kluga mountains: 19 4/28: Voros, Andrew S.: AMNH: 1 [1 - 1 - 1].
Kpeape: Collection Date Unknown: Himmelheber, H.: SMF: 3 [3 - 3 - 3].
Liberia: Collection Date Unknown: Cook, O.F.: USNM: 1 [1]; Schlüter, Wm.: USNM: 1 [1 - 2 - 2].
LTC Camp: 19 2/27: Rigaux, P. and Louette, Michel: RMCA: 1 [1 - 1] - 19 2/29: Couette-Rigaux: RMCA: 1 [1 - 1] - 19 3/03: Rigaux, P. and Louette, Michel: RMCA: 1 [1 - 1 - 3].
Monrovia: Collection Date Unknown: Wilkes, L.W.: HZM: 4 [4 - 4] - 19 6/30: Tate, George H.H.: AMNH: 1 [1 - 1] - 19 7/16: Allen, Glover Morrill: FMNH: 2 [2 - 2 - 7].
Nimba, mount: 19 3/02: Verschuren, Jacques: KBIN: 1 [1 - 1] - 19 5/12: Coe, M.J. (dr.): BMNH: 3 [3 - 3 - 4].
North Beeton: 19 8/26: Wolton, R.J. - [Oxford University Expedition to Mt Nimba]: BMNH: 1 [1 - 1 - 1].
Paynesville: 19 6/14: Schlitter, Duane A. (dr.): USNM: 1 [1 - 1 - 1].
Saniquellie: 19 7/25: Voros, Andrew S.: AMNH: 1 [1 - 1 - 1].
Sanniquellie, 5 mi S: 19 7/08: Wolton, R.J. - [Oxford University Expedition to Mt Nimba]: BMNH: 1 [1 - 1 - 1].
Schieffelinville: 18 7/11: Stampfli, F.X.: RMNH: 1 [1 - 1] - 18 7/22: Stampfli, F.X.: RMNH: 1 [1 - 1 - 2].
South Nimba: 19 7/27: Wolton, R.J. - [Oxford University Expedition to Mt Nimba]: BMNH: 1 [1 - 1] - 19 8/16: Wolton, R.J. - [Oxford University Expedition to Mt Nimba]: BMNH: 1 [1 - 1 - 2].
Tars Town: 19 7/15: Schlitter, Duane A. (dr.): USNM: 1 [1 - 1 - 1].
Tchien: 19 8/03: Robbins, Lynn W.: AMNH: 1 [1 - 1 - 1].
Tokaden, mount: 19 8/02: Wolton, R.J. - [Oxford University Expedition to Mt Nimba]: BMNH: 1 [1 - 1 - 1].
West Nimba: Collection Date Unknown: ?: Collector Unknown: KBIN: 1 [1 - 1 - 1].

Total Specimens for Liberia: 45

Libya

Al Bayda, 5 km SW: 19 3/14: CM: 1 [1 - 1] - 19 3/15: Qumsiyeh, Mazin: CM: 3 [3 - 3] - 19 3/16: Qumsiyeh, Mazin: CM: 1 [1 - 1] - 19 3/27: Qumsiyeh, Mazin: CM: 5 [5 - 5] - 19 3/29: Qumsiyeh, Mazin: CM: 1 [1 - 1] - 19 4/09: Qumsiyeh, Mazin: CM: 1 [1 - 1 - 12].
Baida, 4 km S: 19 3/21: Qumsiyeh, Mazin: CM: 1 [1 - 1] - 19 3/22: Qumsiyeh, Mazin: CM: 1 [1 - 1 - 2].
Beida: Collection Date Unknown: ?: Collector Unknown: NMW: 13 [13 - 13 - 13].
Benghazi: 19 7/09: Shakmat, A.J.: HZM: 1 [1 - 1 - 1].
Haniya, 8 km SSE: 19 4/03: Qumsiyeh, Mazin: CM: 1 [1 - 1 - 1].
Kouf Park lodge, 3 km S: 19 7/17: Herbert, H.J.: CM: 1 [1 - 1 - 1].
Labraq, 5 km SW: 19 6/08: Ranck, G.L. and Shaw, J.H.: USNM: 1 [1 - 1 - 1].
Murzuk: 19 5/30: Whitaker, J.I.S.: BMNH: 1 [1 - 1 - 1].
Quasr Shadane: Collection Date Unknown: ?: Collector Unknown: NMW: 4 [4 - 4 - 4].
Sabratah: 19 5/03: Qumsiyeh, Mazin: CM: 1 [1 - 1 - 1].
Tripoli: Collection Date Unknown: Frank: KBIN: 1 [1]; Taubert and Chodat: MHNG: 1 [1 - 2 - 2].
Wadi al Kuf [= Jabal Akhdar Mts]: Collection Date Unknown: ?: Collector Unknown: NMP: 6 [6 - 6] - 20 5/20: Benda, Petr, Hanák, V., Andreas, M., Reiser, A. and Uhrin, M.: NMP: 1 [1 - 1 - 7].

Total Specimens for Libya: 46

Madagascar

: Collection Date Unknown: MNHN: 1, TM: 2 [3 - 3 - 3].
"probably cate est": Collection Date Unknown: ?: Collector Unknown: MCZ: 1 [1 - 1 - 1].
Ambahibe, cave [=Grotte d'Ambahibe]: Collection Date Unknown: ?: Collector Unknown: FMNH: 5 [5 - 5 - 5].
Ambatobe, W slope mount: Collection Date Unknown: ?: Collector Unknown: FMNH: 3 [3 - 3 - 3].
Amboasary: Collection Date Unknown: Bluntschli: ZMB: 2 [2 - 2 - 2].
Ambodiriana: 19 4/25: Peterson, Randolph L. et al: ROM: 19 [19 - 19 - 19].
Ambositra: Collection Date Unknown: ?: Collector Unknown: BMNH: 1 [1 - 1] - 18 2/02: Forsyth Major, Charles Immanuel (dr.): BMNH: 1 [1 - 1] - 18 4/08: Forsyth Major, Charles Immanuel (dr.): BMNH: 1 [1 - 1 - 3].
Ampara Fara: 19 5/13: Hoogstraal, Harry H. and Uilenberg, G.: FMNH: 1 [1 - 1] - 19 5/14: Hoogstraal, Harry H. and Uilenberg, G.: FMNH: 2 [2 - 2 - 3].
Ampitambé: Collection Date Unknown: Forsyth Major, Charles Immanuel (dr.): BMNH: 1 [1 - 1 - 1].
Andakaty, cave [=Grotte d'Andakaty]: Collection Date Unknown: ?: Collector Unknown: FMNH: 8 [8 - 8 - 8].
Andavadrano: Collection Date Unknown: ?: Collector Unknown: FMNH: 1 [1 - 1 - 1].
Andrafiabe Cave, forest near [=forêt près de la grotte d'Andrafiabe]: Collection Date Unknown: ?: Collector Unknown: FMNH: 2 [2]; Goodman, Steven M.: FMNH: 1 [1 - 3 - 3].
Andranohinaly: Collection Date Unknown: Voeltzkow: ZMB: 1 [1 - 1 - 1].
Andreaba: Collection Date Unknown: Delacour, Jean Theodore: MNHN: 1 [1 - 1 - 1].
Androbaha cave [=Grotte d'Androbaha]: Collection Date Unknown: Voeltzkow: ZMB: 6 [6 - 6 - 6].
Anjajavy, 18.5 km S: Collection Date Unknown: ?: Collector Unknown: FMNH: 2 [2 - 2 - 2].

- Anjajavy, 26.5 km SW:** Collection Date Unknown: ?; Collector Unknown: FMNH: 3 [3 - 3 - 3].
- Anjajavy, 3 km NE:** Collection Date Unknown: ?; Collector Unknown: FMNH: 7 [7 - 7 - 7].
- Anjajavy, 4 km NE:** Collection Date Unknown: ?; Collector Unknown: FMNH: 1 [1 - 1 - 1].
- Anjohitantly:** Collection Date Unknown: ?; Collector Unknown: UADBA: 3 [3 - 3 - 3].
- Ankarana, N of:** Collection Date Unknown: Grandidier, G.: MCZ: 1 [1 - 1 - 1].
- Antafinimihakatra:** Collection Date Unknown: ?; Collector Unknown: UADBA: 1 [1 - 1 - 1].
- Antanarivo [= Tananarive]:** Collection Date Unknown: ?; Collector Unknown: MCZ: 1 [1 - 1 - 1].
- Anteseranana:** Collection Date Unknown: Hildebrandt, J.M.: ZMB: 3 [3 - 3 - 3].
- Antsironandoha Cave, west [=Ouest de la grotte d'Antsironandoha]:** Collection Date Unknown: ?; Collector Unknown: FMNH: 2 [2 - 2 - 2].
- Bazaribe, cave [=Grotte de Bazaribe]:** Collection Date Unknown: ?; Collector Unknown: FMNH: 3 [3 - 3 - 3].
- Beforona:** Collection Date Unknown: ?; Collector Unknown: MCZ: 1 [1 - 1 - 1].
- Bekopake, 1.8 km SE and 0.6 km NE Andadoany:** 20 7/27: Jenkins, R.K.B. and Ratrimomanarivo, F.H.: UADBA: 1 [1 - 1 - 1].
- Betsileo:** Collection Date Unknown: Hildebrandt, J.M.: ZMB: 3 [3 - 3 - 3].
- Binara, forest [=Forêt de Binara]:** Collection Date Unknown: ?; Collector Unknown: FMNH: 1 [1 - 1 - 1].
- Eastern Madagascar:** Collection Date Unknown: ?; Collector Unknown: MNHN: 4 [4 - 4 - 4].
- Fandriana region:** 18 7/03: Forsyth Major, Charles Immanuel (dr.): BMNH: 1 [1 - 1 - 1].
- Fianarantsoa:** Collection Date Unknown: Cowan, W. Deans (Rev.): BMNH: 1 [1 - 1 - 1].
- Fianarantsoa, Fianarantsoa province]:** Collection Date Unknown: Peake: ZMB: 1 [1 - 1 - 1].
- Fort Carnot [=Ikongo]:** Collection Date Unknown: ?; Collector Unknown: MCZ: 1 [1 - 1 - 1].
- Fort-Dauphin:** Collection Date Unknown: ?; Collector Unknown: BMNH: 1 [1 - 1 - 1].
- Foulepoint and lake Alaoutre, between:** Collection Date Unknown: ?; Collector Unknown: MNHN: 4 [4 - 4 - 4].
- Great forest of the East [=Grande forêt de l'Est]:** Collection Date Unknown: ?; Collector Unknown: MCZ: 1 [1 - 1 - 1].
- Hiaraka:** Collection Date Unknown: ?; Collector Unknown: MNHN: 1 [1 - 1 - 1].
- High Fanjahira, valley:** Collection Date Unknown: ?; Collector Unknown: MCZ: 6 [6 - 6 - 6].
- Iakaka, E of:** 19 5/13: Peterson, Randolph L., Williams, J.G. and Glen, R.: ROM: 1 [1 - 1 - 1].
- Imasindry [=Sahamananina]:** 18 7/03: Forsyth Major, Charles Immanuel (dr.): BMNH: 1 [1 - 1 - 1].
- Imerina, forest E of:** Collection Date Unknown: Wills, J. (Rev.): BMNH: 1 [1 - 1 - 1].
- in a marine cave between Sarodrano and Saint-Augustin:** 19 5/09: ?; Collector Unknown: ROM: 1 [1 - 1 - 1].
- Ivoihio:** 19 8/05: Mission F.A.A.: MNHN: 1 [1 - 1 - 1].
- Ivokimanitra:** Collection Date Unknown: Forsyth Major, Charles Immanuel (dr.): BMNH: 1 [1 - 1 - 1].
- Kianjavato:** Collection Date Unknown: ?; Collector Unknown: FMNH: 3 [3 - 3 - 3].
- Kinakina:** Collection Date Unknown: Koechlin, B.: MNHN: 1 [1 - 1 - 1].
- Madagascar:** Collection Date Unknown: ?; Collector Unknown: BMNH: 1, MNHN: 5 [6]; Catta, M.: MNHN: 1 [1]; Forsyth Major, Charles Immanuel (dr.): BMNH: 1 [1 - 8 - 8].
- Mahabo:** Collection Date Unknown: ?; Collector Unknown: MNHN: 1 [1 - 1 - 1].
- Mahabo [62 locs]:** 18 4/29: ?; Collector Unknown: MNHN: 1 [1 - 1 - 1].
- Mananara:** Collection Date Unknown: ?; Collector Unknown: MNHN: 1 [1 - 1 - 1].
- Mananaro:** Collection Date Unknown: Audebert, J.: ZMB: 1 [1 - 1 - 1].
- Maroantsetra:** Collection Date Unknown: ?; Collector Unknown: MNHN: 1 [1 - 1 - 1].
- Maroantsetra, 20 km SW:** Collection Date Unknown: ?; Collector Unknown: FMNH: 6, MNHN: 4 [10 - 10 - 10].
- Marovaza:** Collection Date Unknown: ?; Collector Unknown: FMNH: 7 [7 - 7 - 7].
- Marovony Forest:** Collection Date Unknown: ?; Collector Unknown: USNM: 2 [2 - 2 - 2].
- Matsaborimadio, at edge of:** Collection Date Unknown: ?; Collector Unknown: FMNH: 1 [1 - 1 - 1].
- Miari [probably Miary, near Tuléar]:** Collection Date Unknown: ?; Collector Unknown: MNHN: 1 [1 - 1 - 1].
- Morondava:** 18 6/15: Doulist, M.: MNHN: 1 [1 - 1 - 1].
- Namoroka, Réserve Naturelle:** Collection Date Unknown: Paulian, R.: MNHN: 1 [1 - 1 - 1].
- near Diégo-Suarez:** Collection Date Unknown: ?; Collector Unknown: MCZ: 1 [1 - 1 - 1].
- no specific locality:** Collection Date Unknown: ?; Collector Unknown: MNHN: 7, SMF: 1, ZMB: 1 [9]; Bartlett: ZMB: 2 [2]; Crossley: ZMB: 1 [1]; Cutte: ZMB: 1 [1]; ex Museum Leiden: ZMB: 1 [1]; Gerrard: ZMB: 3 [3]; Schneider: ZMB: 1 [1]; Voeltzkow: ZMB: 1 [1 - 19 - 19].
- NW Madagascar:** Collection Date Unknown: Hildebrandt, J.M.: ZMB: 1 [1 - 1 - 1].
- Perinet:** 19 4/27: Gould, E.: ROM: 1 [1 - 1 - 1].
- Perinet [=Andasibe]:** Collection Date Unknown: ?; Collector Unknown: MNHN: 1, ROM: 1 [2 - 2 - 2].
- Perinet, 1 mi S:** 19 6/01: Williams, A.E.: ROM: 1 [1 - 1 - 1].
- Pointe a la Fievre:** Collection Date Unknown: ?; Collector Unknown: MNHN: 1 [1 - 1 - 1].
- Ramara:** Collection Date Unknown: Bluntschli: ZMB: 1 [1 - 1 - 1].
- Rodo valley:** 19 6/01: ?; Collector Unknown: MCZ: 1 [1 - 1 - 1].
- Rogez:** Collection Date Unknown: ?; Collector Unknown: MNHN: 2 [2 - 2 - 2].
- Sainte Marie:** Collection Date Unknown: Voeltzkow: ZMB: 1 [1 - 1 - 1].
- Sakana:** Collection Date Unknown: Voeltzkow: ZMB: 21 [21 - 21 - 21].
- Sambirano River, lower:** Collection Date Unknown: ?; Collector Unknown: MCZ: 2 [2 - 2 - 2].
- Southern Tananarive:** 19 4/21: Peterson, Randolph L. et al: ROM: 1 [1 - 1 - 1].
- Tamatave:** Collection Date Unknown: ?; Collector Unknown: ZMB: 1 [1]; Voeltzkow: ZMB: 1 [1 - 2 - 2].
- Tamatave [=Toamasina]:** Collection Date Unknown: ?; Collector Unknown: MCZ: 2 [2 - 2 - 2].
- Tampina:** Collection Date Unknown: Bluntschli: ZMB: 1 [1 - 1 - 1].
- Tanala:** Collection Date Unknown: ?; Collector Unknown: MCZ: 1 [1 - 1 - 1].
- Tananarive:** Collection Date Unknown: Chabaud, Dr.: MNHN: 1 [1 - 1] - 19 2/01: ?; Collector Unknown: MCZ: 1 [1 - 1] - 19 4/10: Peterson, Randolph L. et al: ROM: 1 [1 - 1] - 19 4/19: Peterson, Randolph L. et al: ROM: 1 [1 - 1 - 4].
- Tananarivo [=Antananarivo]:** Collection Date Unknown: Caldwell, Sclater: ZMB: 1 [1 - 1 - 1].
- Tuléar:** Collection Date Unknown: Voeltzkow: ZMB: 3 [3 - 3 - 3].
- Tuléar, near... St:** 18 5/19: ?; Collector Unknown: MNHN: 1 [1 - 1 - 1].
- Vondrozo, cave N of:** Collection Date Unknown: ?; Collector Unknown: MCZ: 1 [1 - 1 - 1].
- Zombitsy forest:** 19 4/18: Goodman, Steven M.: FMNH: 1 [1 - 1 - 1].

Total Specimens for Madagascar: 232

Madeira [Portugal]

Madeira Islands, Madeira Island: Collection Date Unknown: BMNH: 1 [1]; MacGillivray, William S.: BMNH: 1 [1 - 2 - 2].

Total Specimens for Madeira [Portugal]: 2

Malawi

: Collection Date Unknown: BMNH: 3 [3 - 3 - 3].

Bangula swamp: Collection Date Unknown: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].

Bone's Garden, 16th Avenue: 19 1/24: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - 19 1/30: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - 19 5/16: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 3].

Chagwa dam: 19 1/22: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].

Chelinda: 19 4/28: Happold, David C.D. and Happold, Meridith: BMNH: 1, DCDH: 2 [3 - 3] - 19 4/29: Happold, David C.D. and Happold, Meridith: BMNH: 1, DCDH: 1 [2 - 2] - 19 5/07: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 6].

Chimpeni Estate: 19 2/03: Happold, David C.D. and Happold, Meridith: DCDH: 2 [2 - 2 - 2].

Chintechi: 19 2/05: ? : Collector Unknown: TM: 1 [1 - 1] - 19 2/09: ? : Collector Unknown: TM: 6 [6 - 6 - 7].

Chipata Camp: 19 1/08: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].

Chiromo: 19 0/02: Wood, Rodney C., Esq.: BMNH: 1 [1 - 1] - Collection Date Unknown: ? : Collector Unknown: BMNH: 2 [2]; Wood, Rodney C., Esq.: BMNH: 14, KU: 2 [16 - 18] - 19 2/18: Wood, Rodney C., Esq.: BMNH: 1 [1 - 1] - 19 4/08: Happold, David C.D. and Happold, Meridith: DCDH: 2 [2 - 2] - 19 5/07: Wood, Rodney C., Esq.: BMNH: 1 [1 - 1] - 19 6/01: Wood, Rodney C., Esq.: BMNH: 2 [2 - 2] - 19 6/07: Wood, Rodney C., Esq.: BMNH: 1 [1 - 1] - 19 6/08: Wood, Rodney C., Esq.: BMNH: 1 [1 - 1] - 19 6/17: Wood, Rodney C., Esq.: BMNH: 1 [1 - 1] - 19 7/19: Wood, Rodney C., Esq.: BMNH: 2 [2 - 2] - 19 7/23: Wood, Rodney C., Esq.: BMNH: 1, KU: 1 [2 - 2] - 19 8/03: Wood, Rodney C., Esq.: BMNH: 1 [1 - 1 - 33].

Chiromo, mount: Collection Date Unknown: Wood, Rodney C., Esq.: BMNH: 1 [1 - 1 - 1].

Chitipa Township: 19 5/07: ? : Collector Unknown: TM: 1 [1 - 1 - 1].

Dzalanyama Forest Reserve: 19 4/17: Happold, David C.D. and Happold, Meridith: DCDH: 3 [3 - 3 - 3].

Fort Hill [=Chitipa]: 18 7/01: White, A. (coll), Johnston, Harry H. (Sir) (pres): BMNH: 1 [1 - 1 - 1].

Fort Johnston: 18 4/25: Rendall, Percy (dr.): BMNH: 1 [1 - 1] - 18 4/28: Rendall, Percy (dr.): BMNH: 1 [1 - 1 - 2].

Kapalasa Farm: 19 0/14: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - 19 0/23: Happold, David C.D. and Happold, Meridith: DCDH: 2 [2 - 2] - 19 0/27: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - 19 2/05: Happold, David C.D. and Happold, Meridith: DCDH: 2 [2 - 2] - 19 2/07: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - 19 2/10: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - 19 2/12: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - 19 2/21: Happold, David C.D. and Happold, Meridith: DCDH: 2 [2 - 2] - 19 2/30: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - 19 9/10: Happold, David C.D. and Happold, Meridith: DCDH: 2 [2 - 2] - 19 9/19: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - 19 9/26: Happold, David C.D. and Happold, Meridith: DCDH: 2 [2 - 2 - 17].

Kapino dam: 19 2/07: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].

Karonga: Collection Date Unknown: Lamborn: BMNH: 2 [2 - 2] - 19 1/01: Onam: HZM: 2 [2 - 2] - 19 6/24: Aram: HZM: 1 [1 - 1 - 5].

Kasungu national park: 19 4/18: Happold, David C.D. and Happold, Meridith: BMNH: 1 [1 - 1] - 19 4/20: Happold, David C.D. and Happold, Meridith: BMNH: 1 [1 - 1] - 19 4/21: Happold, David C.D. and Happold, Meridith: DCDH: 2 [2 - 2 - 4].

Kota-Kota: Collection Date Unknown: Govt. Agent, Kota-Kota: NHMZ: 7 [7 - 7] - 19 7/10: Shortridge, Guy C. (Capt.): KM: 2 [2 - 2] - 19 8/10: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1] - 19 8/17: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1 - 11].

Lengwe National Park: 19 2/19: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].

Lifupa Camp: 19 5/19: Van Strien, N.J.: ZMA: 1 [1]; Van Strien, Nico, J.: ZMA: 1 [1 - 2 - 2].

Likabula mission: Collection Date Unknown: ? : Collector Unknown: TM: 5 [5]; Rautenbach, Ignatius L. (Dr.) [=Naas] et al: TM: 1 [1 - 6] - 19 5/20: ? : Collector Unknown: TM: 2 [2]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 1 [1 - 4] - 19 5/21: ? : Collector Unknown: TM: 2 [2]; Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 4 [4 - 6] - 19 5/22: ? : Collector Unknown: TM: 3 [3]; Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 2 [2 - 5] - 19 5/23: ? : Collector Unknown: TM: 2 [2] - 19 5/23: Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 2] - 19 5/23: Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: ZZZZ: 2] - 19 5/23: Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: ZZZZ: 2] - 19 5/23: ZZZZ: ZZZZ: 2] - 19 5/23: ZZZZ: ZZZZ: 4 - 27].

Likabula river: 19 8/07: Harrison, David Lakin (Dr.) and Bates, Paul, J.J.: HZM: 1 [1 - 1] - 19 8/08: Harrison, David Lakin (Dr.) and Bates, Paul, J.J.: HZM: 1 [1 - 1 - 2].

Likwenu river: 19 8/23: Harrison, David Lakin (Dr.) and Bates, Paul, J.J.: HZM: 1 [1 - 1 - 1].

Lilongwe: 19 2/22: ? : Collector Unknown: HZM: 1 [1 - 1 - 1].

Lisanthu: 19 3/19: Jachmann, H.: ZMA: 1 [1 - 1 - 1].

Liwonde National Park: 19 1/12: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - 19 1/13: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - 19 2/05: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - 19 2/08: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - 19 2/11: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - 19 2/12: Happold, David C.D. and Happold, Meridith: BMNH: 1 [1 - 1] - 19 2/15: Happold, David C.D. and Happold, Meridith: DCDH: 2 [2 - 2] - 19 4/07: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - 19 5/04: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - 19 5/06: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 11].

Liwonde National Park, Headquarters: 19 5/17: ? : Collector Unknown: TM: 3 [3 - 3] - 19 5/18: ? : Collector Unknown: TM: 2 [2 - 2 - 5].

Luwawa dam: 19 2/11: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - 19 5/11: Happold, David C.D. and Happold, Meridith: DCDH: 6 [6 - 6] - 19 5/12: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 8].

- MacLear, cape:** Collection Date Unknown: ?: Collector Unknown: CM: 1 [1]; Robbins, Lynn W.: CM: 3 [3 - 4] - 19 5/30: Robbins, Lynn W.: CM: 2 [2 - 2 - 6].
- Mlanje:** 19 2/09: Eton East African Research Committee, the and S.A. Neave: BMNH: 1 [1 - 1 - 1].
- Mpalanganga Dam:** 19 9/16: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].
- Mulanje Plateau:** Collection Date Unknown: Whyte, Alex (F.Z.S.): BMNH: 1 [1 - 1 - 1].
- Mwaya:** 19 9/18: Milton: BMNH: 1 [1 - 1 - 1].
- Nchalo:** Collection Date Unknown: Hammer: HZM: 2 [2 - 2 - 2].
- Ncheu:** 19 0/26: Benson, C.W.: TM: 1 [1 - 1 - 1].
- Ncheu [=Ntcheu]:** 19 0/26: ?: Collector Unknown: TM: 3 [3 - 3] - 19 0/31: Benson, C.W.: TM: 1 [1 - 1] - 19 1/08: Benson, C.W.: TM: 1 [1 - 1] - 19 1/22: ?: Collector Unknown: TM: 1 [1 - 1] - 19 7/11: Benson, C.W.: TM: 1 [1 - 1] - 19 8/15: ?: Collector Unknown: TM: 1 [1 - 1] - 19 9/15: Benson, C.W.: TM: 1 [1 - 1] - 19 9/16: Benson, C.W.: TM: 1 [1 - 1] - 19 9/20: ?: Collector Unknown: TM: 1 [1 - 1] - 19 9/21: ?: Collector Unknown: TM: 1 [1]; Benson, C.W.: TM: 2 [2 - 3] - 19 9/27: ?: Collector Unknown: TM: 1 [1 - 1 - 15].
- Nganda, E slope of mount:** Collection Date Unknown: Burda, H.: SMF: 1 [1 - 1 - 1].
- Nkhotakota:** 19 1/09: Happold, David C.D. and Happold, Meridith: DCDH: 3 [3 - 3] - 19 1/10: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 4].
- Nkhota-Kota:** Collection Date Unknown: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1] - 19 8/08: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1] - 19 8/11: Anthony, Harold Elmer: AMNH: 1 [1 - 1] - 19 8/12: Shortridge, Guy C. (Capt.): KM: 2 [2 - 2] - 19 8/15: Shortridge, Guy C. (Capt.): KM: 2 [2 - 2 - 7].
- Nkhotakota [= Nkhota-Kota, Kota Kota, Kota-Korta]:** Collection Date Unknown: ?: Collector Unknown: KM: 9 [9 - 9 - 9].
- Ntchisi Forest Reserve:** 19 1/02: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - 19 1/03: Happold, David C.D. and Happold, Meridith: DCDH: 8 [8 - 8] - 19 1/04: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 10].
- Nyika National Park:** 19 4/29: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 1].
- Port Herald:** Collection Date Unknown: Harger: BMNH: 1 [1 - 1 - 1].
- Shire river, upper:** 18 6/14: Rendall, Percy (dr.): SMTD: 1 [1 - 1] - 18 9/05: Rendall, Percy (dr.): BMNH: 1 [1 - 1 - 2].
- Thondwe:** Collection Date Unknown: Happold, David C.D. and Happold, Meridith: BMNH: 1 [1 - 1] - 19 1/22: Happold, David C.D. and Happold, Meridith: BMNH: 1 [1 - 1] - 19 9/16: Happold, David C.D. and Happold, Meridith: DCDH: 2 [2 - 2 - 4].
- Thyolo, mount:** 19 3/22: Happold, David C.D. and Happold, Meridith: DCDH: 6 [6 - 6] - 19 3/31: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1 - 7].
- Trout Ponds:** 19 3/20: Happold, David C.D. and Happold, Meridith: BMNH: 2 [2 - 2] - 19 3/21: Happold, David C.D. and Happold, Meridith: BMNH: 1 [1 - 1 - 3].
- Zomba:** 18 1/01: Whyte, Alex (F.Z.S.): BMNH: 1 [1 - 1 - 1].
- Zomba Plateau:** Collection Date Unknown: ?: Collector Unknown: KM: 6 [6]; Johnston, Harry H. (Sir): BMNH: 1 [1 - 7] - 19 1/19: Happold, David C.D. and Happold, Meridith: DCDH: 4 [4 - 4] - 19 1/22: Happold, David C.D. and Happold, Meridith: DCDH: 7 [7 - 7] - 19 3/18: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - 19 3/20: Happold, David C.D. and Happold, Meridith: DCDH: 3 [3 - 3] - 19 3/21: Happold, David C.D. and Happold, Meridith: DCDH: 2 [2 - 2] - 19 3/24: Happold, David C.D. and Happold, Meridith: DCDH: 2 [2 - 2] - 19 5/11: Happold, David C.D. and Happold, Meridith: DCDH: 5 [5 - 5] - 19 9/21: Happold, David C.D. and Happold, Meridith: DCDH: 2 [2 - 2 - 33].
- Zomba town:** 19 0/06: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - 19 0/09: Happold, David C.D. and Happold, Meridith: DCDH: 7 [7 - 7] - 19 0/14: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - 19 0/20: Happold, David C.D. and Happold, Meridith: DCDH: 8 [8 - 8] - 19 0/31: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - Collection Date Unknown: Johnston, Harry H. (Sir): BMNH: 2 [2]; Lennon: BMNH: 1 [1 - 3] - 19 1/01: Happold, David C.D. and Happold, Meridith: BMNH: 1 [1 - 1] - 19 1/04: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - 19 1/07: Happold, David C.D. and Happold, Meridith: BMNH: 1 [1 - 1] - 19 1/16: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - 19 1/17: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - 19 1/25: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - 19 2/07: Happold, David C.D. and Happold, Meridith: BMNH: 1, DCDH: 1 [2 - 2] - 19 2/09: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - 19 2/10: Happold, David C.D. and Happold, Meridith: BMNH: 2 [2 - 2] - 19 2/27: Happold, David C.D. and Happold, Meridith: BMNH: 2, DCDH: 2 [4 - 4] - 19 2/30: Happold, David C.D. and Happold, Meridith: BMNH: 1, DCDH: 2 [3 - 3] - 19 2/31: Happold, David C.D. and Happold, Meridith: BMNH: 1 [1 - 1] - 19 3/02: Happold, David C.D. and Happold, Meridith: DCDH: 2 [2 - 2] - 19 3/26: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - 19 5/11: Happold, David C.D. and Happold, Meridith: DCDH: 1 [1 - 1] - 19 6/01: Happold, David C.D. and Happold, Meridith: DCDH: 2 [2 - 2] - 19 9/25: Happold, David C.D. and Happold, Meridith: DCDH: 7 [7 - 7 - 53].

Total Specimens for Malawi: 326

Maldives Islands

Male Atoll: 19 2/24: MCZ: 2 [2 - 2 - 2].

Total Specimens for Maldives Islands: 2

Mali

Bamako: 19 2/01: MNHN: 5 [5 - 5] - 19 4/12: Strauss and West Africa Expedition: FMNH: 1 [1 - 1 - 6].

Samaye: 19 2/12: Tranier, Michel et al.: MNHN: 1 [1 - 1 - 1].

Sotuba: 19 3/27: Wonder, F.C.: FMNH: 2 [2 - 2] - 19 3/28: Wonder, F.C.: FMNH: 1 [1 - 1 - 3].

Timbuktu: 19 6/09: Madsen, Harry: ZMUC: 8 [8 - 8 - 8].

Total Specimens for Mali: 18

Malta

Malta: Collection Date Unknown: BMNH: 1 [1 - 1 - 1].

Total Specimens for Malta: 1

Mascarene Islands

Rodrigues Island: Collection Date Unknown: BMNH: 1 [1 - 1 - 1].

Total Specimens for Mascarene Islands: 1

Mauritania

Akjoujt: 19 1/18: USNM: 39 [39 - 39] - 19 1/21: Harvey, D.E.: USNM: 14 [14 - 14] - 19 1/22: Harvey, D.E.: USNM: 2 [2 - 2 - 55].
Garak: 19 4/16: Robbins, C. Brian: USNM: 50 [50 - 50] - 19 4/18: Harvey, D.E.: USNM: 1 [1 - 1] - 19 5/01: Harvey, D.E.: USNM: 2 [2 - 2 - 53].

Total Specimens for Mauritania: 108

Mauritius

La Ronde: Collection Date Unknown: BMNH: 1 [1 - 1 - 1].
Mauritius: Collection Date Unknown: ex Museum Paris: ZMB: 4 [4]; Sieber: ZMB: 1 [1 - 5 - 5].
no specific locality: Collection Date Unknown: Mason: ZMB: 1 [1]; Möbius: ZMB: 2 [2]; Robillard: ZMB: 1 [1]; Schneider: ZMB: 2 [2 - 6 - 6].

Total Specimens for Mauritius: 12

Morocco

Aoufouss: 19 4/19: MHNG: 1 [1 - 1 - 1].
Berkane: Collection Date Unknown: Brosset, André: MNHN: 2 [2 - 2 - 2].
Chechaouen: 19 5/24: Robbins, Lynn W.: USNM: 1 [1 - 1 - 1].
Chichaoua: Collection Date Unknown: Vaden, R.E.: USNM: 7 [7 - 7 - 7].
Chichaoua, 20 km S: 19 4/13: Vaden, R.E.: USNM: 6 [6 - 6 - 6].
Dcheira: 19 1/31: Kock, Dieter: SMF: 3 [3 - 3 - 3].
Figuig: Collection Date Unknown: ?; Collector Unknown: BMNH: 1 [1 - 1 - 1].
Foum Zguid: 19 3/10: Robbins, Lynn W.: USNM: 1 [1 - 1 - 1].
Goulimine: Collection Date Unknown: ?; Collector Unknown: MNHN: 2 [2 - 2 - 2].
Ha-ha: Collection Date Unknown: de la Escalera, D. Manuel (coll), Thomas, O. (pres): BMNH: 1 [1 - 1 - 1].
Kef-el-Rhar, cave [=Grotte de Kef-el-Rhar]: Collection Date Unknown: ?; Collector Unknown: NMW: 1 [1 - 1 - 1].
Ksar-es-Souk: Collection Date Unknown: ?; Collector Unknown: NMW: 10 [10 - 10 - 10].
Lead mine [=Mine de Plomb]: Collection Date Unknown: ?; Collector Unknown: NMW: 1 [1 - 1 - 1].
Mogador: Collection Date Unknown: ?; Collector Unknown: MNCN: 1 [1 - 1 - 1].
Mogador [=Essaouira]: Collection Date Unknown: de la Escolera, F.M.: ZMB: 2 [2 - 2 - 2].
Nador, 20 km SE: 19 5/24: Vaden, R.E.: USNM: 1 [1 - 1 - 1].
Nafifik forest: Collection Date Unknown: Institut Pasteur: MNHN: 1 [1 - 1 - 1].
Ouarzazate, 19 km E: 19 7/18: Hearst, M.G.: USNM: 13 [13]; Robbins, Lynn W.: USNM: 12 [12 - 25] - 19 7/19: Hearst, M.G.: USNM: 12 [12]; Robbins, Lynn W.: USNM: 12 [12 - 24] - 19 9/18: Hearst, M.G.: USNM: 1 [1 - 1 - 50].
Tagonidert: Collection Date Unknown: de la Escolera, F.M.: BMNH: 1 [1 - 1 - 1].
Tagouidert: Collection Date Unknown: de la Escolera, F.M.: ZMB: 1 [1 - 1 - 1].
Tanger: Collection Date Unknown: Floericke: ZMB: 1 [1]; Kleinschmidt, Floericke: ZMB: 1 [1 - 2 - 2].
Taounate, 15 km WSW: 19 5/09: Vaden, R.E.: USNM: 4 [4 - 4] - 19 5/11: Vaden, R.E.: USNM: 4 [4 - 4] - 19 5/12: Vaden, R.E.: USNM: 1 [1 - 1 - 9].
Tata: 19 4/25: Dorst, Jean: MNHN: 8 [8 - 8 - 8].
Tata, 8 km N: 19 3/16: Hearst, M.G.: USNM: 2 [2]; Robbins, Lynn W.: USNM: 6 [6 - 8] - 19 7/16: Hearst, M.G.: USNM: 1 [1 - 1 - 9].
Tiflet, 21 km W: 19 5/05: Hearst, M.G.: USNM: 3 [3]; Robbins, Lynn W.: USNM: 3 [3 - 6 - 6].

Total Specimens for Morocco: 128

Mozambique

: 19 9/22: TM: 1 [1 - 1 - 1].
Aldeia Chiuta [= Chiuta, Chuta]: 19 9/22: Coetzee, C.G.: TM: 1 [1 - 1] - 19 9/22: Coetzee, C.G.: TM: 7 [7]; Herbert, H.J.: USNM: 5 [5 - 12 - 13].
Aldeia Muchena [= Tetane Muchena, Muchena]: 19 7/29: Coetzee, C.G.: TM: 2 [2 - 2 - 2].
Bazaruto Lodge: Collection Date Unknown: Kearney, Teresa Catherine (Dr.) and Downs, C.: DNSM: 2 [2 - 2 - 2].
Bazaruto Lodge, grounds: 19 0/24: ?; Collector Unknown: TM: 2 [2 - 2 - 2].
Beira: Collection Date Unknown: ?; Collector Unknown: USNM: 1 [1 - 1] - 19 4/26: ?; Collector Unknown: TM: 2 [2 - 2] - 19 5/02: ?; Collector Unknown: TM: 1 [1 - 1] - 19 5/14: ?; Collector Unknown: TM: 1 [1 - 1] - 19 6/05: ?; Collector Unknown: TM: 1 [1 - 1 - 6].
Beira, 10 km N: Collection Date Unknown: Davis, R.M.: USNM: 1 [1 - 1 - 1].
Beira, 20 mi N: 19 9/21: Rankwa: HZM: 1 [1 - 1 - 1].
Beira, near: 19 9/26: ?; Collector Unknown: TM: 1 [1 - 1 - 1].
Boror: Collection Date Unknown: ?; Collector Unknown: BMNH: 2 [2]; Peters: ZMB: 2 [2]; Peters, W.C.H.: RMNH: 1, ZMB: 3 [4

- 8 - 8].
- Cabaceira:** Collection Date Unknown: Peters, W.C.H.: ZMB: 1 [1 - 1 - 1].
- Changalane [= Estatuane]:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Chemezi:** 19 2/17: ?: Collector Unknown: TM: 2 [2 - 2 - 2].
- Chicona, 14 mi ESE:** Collection Date Unknown: ?: Collector Unknown: USNM: 1 [1 - 1 - 1].
- Chimonzo:** Collection Date Unknown: Cole, Ronald E.: USNM: 2 [2 - 2] - 19 2/21: Cole, Ronald E.: USNM: 1 [1 - 1] - 19 2/23: Cole, Ronald E.: USNM: 6 [6 - 6 - 9].
- Coguno:** 19 7/26: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 1 [1 - 1] - 19 7/28: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 1 [1 - 1] - 19 8/24: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 1 [1 - 1] - 19 8/29: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 1 [1 - 1] - 19 9/08: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 1 [1 - 1 - 5].
- Dabacua Setache:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Furancungo, 30 mi NNW:** Collection Date Unknown: Coetzee: TM: 1 [1]; Coetzee, C.G.: TM: 1 [1 - 2 - 2].
- Gorongosa Mountain [= Gorongosa Mountain]:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 3 [3 - 3 - 3].
- Gruta Magochene:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 9, ROM: 8 [17 - 17 - 17].
- Guya:** 19 8/03: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Ibo:** Collection Date Unknown: Peters: ZMB: 1 [1]; Peters, W.C.H.: ZMB: 2 [2 - 3 - 3].
- Inhambane:** Collection Date Unknown: Peters: ZMB: 1 [1]; Peters, W.C.H.: BMNH: 4, NMW: 1, ZMB: 3 [8]; Rudd, C.D.: BMNH: 1 [1 - 10] - 19 8/09: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 1 [1 - 1] - 19 8/11: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 1 [1 - 1 - 12].
- Inhaminga:** Collection Date Unknown: Hofmann, K: SMF: 1 [1 - 1 - 1].
- Jongamo:** Collection Date Unknown: Cole, Ronald E.: USNM: 3 [3 - 3] - 19 4/13: Cole, Ronald E.: USNM: 1 [1 - 1] - 19 4/16: Cole, Ronald E.: USNM: 21 [21 - 21 - 25].
- Luabo:** 19 4/26: Smith: HZM: 1 [1 - 1 - 1].
- Lumbo:** Collection Date Unknown: Loveridge, Arthur: BMNH: 3 [3 - 3] - 19 7/20: Loveridge, Arthur: BMNH: 1 [1 - 1 - 4].
- Mague:** 19 8/22: ?: Collector Unknown: TM: 2 [2 - 2 - 2].
- Mague, new:** Collection Date Unknown: Herbert, H.J.: USNM: 3 [3 - 3] - 19 8/22: Coetzee, C.G.: TM: 5 [5 - 5 - 8].
- Manhiça:** 19 1/12: ?: Collector Unknown: CZL: 2 [2 - 2 - 2].
- Maputo:** 19 2/17: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Marine Research Station:** 19 9/22: ?: Collector Unknown: TM: 9 [9 - 9] - 19 9/24: ?: Collector Unknown: TM: 6 [6 - 6] - 19 9/25: ?: Collector Unknown: TM: 1 [1 - 1 - 16].
- Masembeti:** Collection Date Unknown: Rudd, C.D.: BMNH: 1 [1 - 1 - 1].
- Massangena:** Collection Date Unknown: Cole, Ronald E.: USNM: 1 [1 - 1] - 19 2/08: Moore, A.L.: USNM: 1 [1 - 1 - 2].
- Massinga, 2 km N:** 19 4/09: Cole, Ronald E.: USNM: 4 [4 - 4 - 4].
- Massinga, 2 km S:** Collection Date Unknown: Cole, Ronald E.: USNM: 2 [2 - 2 - 2].
- Mazambo:** 19 7/21: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Milepa:** 19 2/20: Vesey-FitzGerald, L.D.E.F. (Col.): BMNH: 1 [1 - 1 - 1].
- Moebase:** 19 9/16: Whiting, M.J.; Branch, W.R. and Branch, T.C.: TM: 1 [1 - 1 - 1].
- Mozambique:** Collection Date Unknown: ?: Collector Unknown: BMNH: 1 [1 - 1 - 1].
- Mozambique Island:** Collection Date Unknown: ?: Collector Unknown: BMNH: 1 [1]; Peters, W.C.H.: ZMB: 2 [2 - 3 - 3].
- Muchena:** Collection Date Unknown: Coetzee, C.G. and the Smithsonian Expedition: TM: 1 [1 - 1] - 19 7/21: ?: Collector Unknown: TM: 1 [1 - 1] - 19 7/24: ?: Collector Unknown: TM: 2 [2 - 2] - 19 7/25: ?: Collector Unknown: TM: 1 [1 - 1] - 19 7/27: Setzer, H.W.: USNM: 1 [1 - 1] - 19 7/28: ?: Collector Unknown: TM: 12 [12 - 12] - 19 7/29: ?: Collector Unknown: TM: 11 [11]; Hardy, A.R.: USNM: 1 [1 - 12] - 19 9/10: ?: Collector Unknown: TM: 1 [1 - 1 - 31].
- Mungari, 5 km N:** 19 8/19: Davis, R.M.: USNM: 2 [2 - 2 - 2].
- Mzambo:** 19 7/21: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Nabaunama River:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- no specific locality:** Collection Date Unknown: Peters, W.C.H.: ZMB: 3 [3 - 3 - 3].
- Norture Boror:** 19 0/27: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Nyaboa Caves:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 2 [2 - 2 - 2].
- Panda:** Collection Date Unknown: Cole, Ronald E.: USNM: 7 [7 - 7 - 7].
- Posto Inhaca:** Collection Date Unknown: Cole, Ronald E.: USNM: 4 [4 - 4 - 4].
- Quilimane:** Collection Date Unknown: Stuhlmann, Franz (dr.): ZMH: 1 [1 - 1 - 1].
- Sena:** Collection Date Unknown: Peters: ZMB: 2 [2]; Peters, W.C.H.: ZMB: 2 [2 - 4 - 4].
- Shupanga:** Collection Date Unknown: ?: Collector Unknown: BMNH: 1 [1 - 1 - 1].
- Shupanga:** Collection Date Unknown: ?: Collector Unknown: BMNH: 1 [1 - 1 - 1].
- Shupanga [=Chupanga]:** Collection Date Unknown: ?: Collector Unknown: BMNH: 2 [2 - 2 - 2].
- Tambarara:** 19 5/08: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 6 [6 - 6 - 6].
- Tete:** Collection Date Unknown: ?: Collector Unknown: BMNH: 1 [1]; Grant, C.H.B. (Capt.): TM: 1 [1]; Grant, C.H.B. (Rudd Expedition): TM: 1 [1]; Peters, W.C.H.: BZM: 1 [1 - 4] - 19 8/23: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 2 [2 - 2] - 19 8/29: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 1 [1 - 1] - 19 9/13: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 1 [1 - 1] - 19 9/14: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 1 [1 - 1 - 9].
- Tete district:** Collection Date Unknown: ?: Collector Unknown: TM: 2 [2]; Coetzee: TM: 2 [2 - 4] - 19 7/29: Coetzee, C.G.: TM: 1 [1 - 1 - 5].
- Tete, 2 mi E:** 19 7/21: ?: Collector Unknown: TM: 4 [4 - 4] - 19 7/23: ?: Collector Unknown: TM: 19 [19 - 19] - 19 7/24: ?: Collector Unknown: TM: 1 [1 - 1 - 24].
- Tete, 2 mi SE:** 19 7/21: ?: Collector Unknown: TM: 8 [8 - 8] - 19 7/22: Setzer, H.W.: USNM: 12 [12 - 12] - 19 7/23: ?: Collector Unknown: TM: 7 [7 - 7 - 27].
- Tette:** Collection Date Unknown: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 3 [3 - 3] - 19 9/10: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 3 [3 - 3 - 6].
- Tette [=Tete]:** Collection Date Unknown: Peters: ZMB: 13 [13]; Peters: ZMB: 1 [1]; Peters, W.C.H.: ZMB: 5 [5 - 19 - 19].
- unspecified locality:** Collection Date Unknown: van Dam, G.P.: TM: 1 [1 - 1 - 1].
- Vila de Manica, 10 km N:** 19 8/30: Hardy, A.R.: USNM: 5 [5 - 5 - 5].
- Vila Gamito:** 19 8/09: Davis, R.M.: USNM: 13 [13]; Herbert, H.J.: USNM: 6 [6]; Setzer, H.W.: USNM: 7 [7 - 26 - 26].
- Vila Gamito, 10 km N:** 19 8/07: Coetzee, C.G. and the Smithsonian Expedition: TM: 1 [1 - 1] - 19 8/09: ?: Collector Unknown: TM: 14 [14]; Coetzee, C.G. and the Smithsonian Expedition: TM: 9 [9 - 23 - 24].
- Vila Gouveia:** 19 8/24: Lingebach, J.C.: USNM: 1 [1 - 1 - 1].

Villa Moatize, 17 km E: 19 7/03: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
Xai Xai: 19 4/01: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
Zimbiti: 19 4/26: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
Zinave: 19 0/17: ? : Collector Unknown: MWSU: 1 [1]; Dalquest, Walter W.: MWSU: 5 [5 - 6] - Collection Date Unknown: ? : Collector Unknown: NHMZ: 1 [1 - 1 - 1].
Zinave National Park: Collection Date Unknown: ? : Collector Unknown: NHMZ: 1 [1 - 1 - 1].
Zinave, 2 km S: Collection Date Unknown: ? : Collector Unknown: NHMZ: 1 [1 - 1 - 1].

Total Specimens for Mozambique: 397

Namibia

: 19 0/05: MMK: 1 [1 - 1] - 19 0/30: Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: MMK: 2, TM: 1 [3 - 3] - 19 0/31: Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: MMK: 1 [1 - 1] - Collection Date Unknown: ? : Collector Unknown: KM: 3 [3]; Rautenbach, Ignatius L. (Dr.) [=Naas]: MMK: 1, TM: 4 [5]; Shortridge, Guy C. (purchased): SAMC: 1 [1 - 9] - 19 9/18: Roberts, Austin: TM: 1 [1 - 1] - 19 9/19: Roberts, Austin: TM: 1 [1 - 1 - 16].
Arnhem, 80 km E: Collection Date Unknown: ? : Collector Unknown: TM: 5 [5 - 5 - 5].
Aus, 1 km W: Collection Date Unknown: Visser, John: TM: 1 [1 - 1 - 1].
Bats Hole: 19 6/01: Coetzee, C.G.: TM: 3 [3]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 4 - 4].
Bat's hole [=Bats cave]: 19 6/01: ? : Collector Unknown: TM: 2 [2 - 2 - 2].
Berseba: 19 0/29: Sordahl, L.O.: USNM: 2 [2 - 2] - Collection Date Unknown: Shortridge, Guy C. (Capt.): BMNH: 2 [2]; Sordahl, L.O.: USNM: 1 [1 - 3 - 5].
Bethanien district: Collection Date Unknown: Leinweber: ZMB: 1 [1 - 1 - 1].
Chobe River Farm: 19 8/09: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
Cunene Falls: Collection Date Unknown: Shortridge, Guy C. (Capt.): BMNH: 2 [2 - 2 - 2].
Damaraland: Collection Date Unknown: Alexander, Capt.: BMNH: 1 [1]; Beck: ZMB: 1 [1]; Higgins: ZMB: 3 [3 - 5 - 5].
De Valle: 19 2/16: Niethammer, G.: ZFMK: 5 [5 - 5 - 5].
Dumushe water: 19 0/07: Coetzee, C.G.: TM: 6 [6 - 6 - 6].
E. Kamombonde 86: Collection Date Unknown: Lester, L.A.: LACM: 1 [1 - 1] - 19 1/06: Lester, L.A.: AMNH: 1 [1 - 1 - 2].
Epupa Falls: 19 0/23: ? : Collector Unknown: TM: 2 [2 - 2] - 19 0/23: ? : Collector Unknown: TM: 3 [3 - 3 - 5].
Etosha Pan: Collection Date Unknown: Shortridge, Guy C. (Capt.): BMNH: 4 [4 - 4 - 4].
Farm 397: Collection Date Unknown: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
Farm Arnhem [=Arnem]: 19 0/19: Coetzee, C.G.: TM: 1 [1 - 1] - 19 0/29: Coetzee, C.G.: TM: 23 [23 - 23 - 24].
Farm Huns 106: 19 0/31: Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: TM: 3 [3 - 3 - 3].
Farm Kanaän: Collection Date Unknown: ? : Collector Unknown: TM: 1 [1 - 1] - 19 4/27: Schlitter, Duane A. (dr.): CM: 1 [1 - 1] - 19 4/28: Schlitter, Duane A. (dr.): CM: 2 [2 - 2] - 19 4/29: Schlitter, Duane A. (dr.): CM: 5 [5 - 5] - 19 4/30: Schlitter, Duane A. (dr.): CM: 2 [2 - 2] - 19 5/03: Schlitter, Duane A. (dr.): TM: 2 [2 - 2 - 13].
Farm Klein Aus 8: 19 0/30: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 8 [8 - 8] - 19 0/31: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 9 [9 - 9] - Collection Date Unknown: ? : Collector Unknown: TM: 2 [2]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 4] - 19 1/01: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 6 [6 - 6 - 27].
Farm Okandukaseibe 27: Collection Date Unknown: Lester, L.A.: LACM: 1 [1 - 1 - 1].
Farm Otjikoko Sud 61 [Pipistrelle Cave]: 19 1/09: ? : Collector Unknown: TM: 3 [3]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 10 [10 - 13 - 13].
Farm Rheinvels: 19 0/12: Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: TM: 1 [1 - 1] - 19 0/13: Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: TM: 4 [4 - 4] - 19 0/14: Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: TM: 3 [3 - 3] - Collection Date Unknown: ? : Collector Unknown: TM: 3 [3 - 3 - 11].
Farm Sandfontein 468: Collection Date Unknown: ? : Collector Unknown: KM: 13 [13 - 13 - 13].
Farm Swartmodder 101: Collection Date Unknown: ? : Collector Unknown: TM: 5 [5 - 5] - 19 1/03: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 32 [32 - 32] - 19 1/03: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 1/04: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 1/05: ? : Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 13 [13 - 14] - 19 1/07: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 54].
Felseneck/Naaukluft: 19 2/16: Hoesch, W.: ZFMK: 1 [1 - 1] - 19 2/18: Hoesch, W.: ZFMK: 4 [4 - 4 - 5].
Ganab water hole: 19 5/30: Rautenbach, Ignatius L. (Dr.) [=Naas] and Coetzee, C.G.: TM: 2 [2 - 2] - 19 5/31: Rautenbach, Ignatius L. (Dr.) [=Naas] and Coetzee, C.G.: TM: 2 [2 - 2 - 4].
Gemsbok Pan: Collection Date Unknown: Vernay Expedition and Lang, Herbert: TM: 1 [1 - 1 - 1].
Gobabeb: Collection Date Unknown: Schlitter, Duane A. (dr.): USNM: 1 [1 - 1] - 19 1/22: Cole, Ronald E.: USNM: 1 [1 - 1] - 19 1/25: Cole, Ronald E.: USNM: 1 [1 - 1] - 19 2/06: Schlitter, Duane A. (dr.): USNM: 4 [4 - 4] - 19 2/08: Schlitter, Duane A. (dr.): USNM: 2 [2 - 2 - 9].
Great Brukoros Mountains: Collection Date Unknown: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 1].
Great Ombathu: 19 9/18: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 1].
Grootfontein: Collection Date Unknown: Volkmann: ZMB: 2 [2 - 2 - 2].
Gross Barmen: Collection Date Unknown: Hahn, missionary: ZMB: 1 [1 - 1 - 1].
Halali Camp: Collection Date Unknown: van der Merwe, G.: TM: 2 [2 - 2 - 2].
Harisib: 19 5/18: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
Helmeringshausen: Collection Date Unknown: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
Hot Spring: 19 0/21: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
in Villa...: 19 3/10: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
Jack Scott Bridge: 19 0/16: Coetzee, C.G. and Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].
Kano valley: 19 4/10: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 1].
Kaoko Otavi: Collection Date Unknown: Carp Expedition 1951: TM: 1 [1 - 1 - 1].
Kaoko-Otavi: 19 9/27: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1 - 1].
Karakuwisa: 19 4/26: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1] - 19 7/16: Rau, R.: SMF: 1 [1 - 1 - 2].
Karibib: 19 0/29: Shortridge, Guy C. (Capt.): KM: 1 [1]; Shortridge, Guy C. (Capt.) and Sladen, Percy: BMNH: 2 [2 - 3] - Collection Date Unknown: Shortridge, Guy C. (Capt.): BMNH: 5 [5 - 5] - 19 1/09: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1] - 19 8/22: Mittendorf, H.: ZFMK: 1 [1 - 1] - 19 8/27: Mittendorf, H.: ZFMK: 3 [3 - 3 - 13].

- Karibib or Okahandja:** Collection Date Unknown: Gaerdes, F.: SMF: 1 [1 - 1 - 1].
- Karochos:** Collection Date Unknown: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Karolinhof:** 19 0/17: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1] - 19 2/10: ?: Collector Unknown: KM: 1 [1 - 1] - 19 2/16: Shortridge, Guy C. (Capt.): KM: 2 [2 - 2] - 19 2/17: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 5].
- Keetmanshoop:** 19 3/06: Burmester: ZMH: 1 [1 - 1] - 19 5/20: Sordahl, L.O.: USNM: 1 [1 - 1 - 2].
- Keetmanshoop district [= Damaraland]:** Collection Date Unknown: Haagner, Sigmund (Mr.): TM: 1 [1 - 1 - 1].
- Klein Aus Farm 8:** 19 1/01: Schlitter, Duane A. (dr.): CM: 1 [1 - 1 - 1].
- Klein Windhoek:** 19 0/11: Burrard, C. (Maj.) and Jordan, Karl (dr.): BMNH: 2 [2 - 2 - 2].
- Kobos:** 19 3/25: Silberstein, A.R.: USNM: 2 [2 - 2 - 2].
- Kochina:** Collection Date Unknown: ?: Collector Unknown: TM: 1 [1 - 1] - 19 8/10: ?: Collector Unknown: TM: 8 [8 - 8 - 9].
- Koës:** Collection Date Unknown: Sporneck, Graf: ZMB: 1 [1 - 1 - 1].
- Kongola ferry area:** 19 9/29: Kemp, H.: TM: 1 [1 - 1 - 1].
- Kuibis:** Collection Date Unknown: Ränge: ZMB: 1 [1 - 1 - 1].
- Kuiseb River:** Collection Date Unknown: White, A.G.: TM: 2 [2 - 2 - 2].
- Liebig's Ranch:** Collection Date Unknown: ?: Collector Unknown: TM: 2 [2]; Barlow: TM: 3 [3 - 5 - 5].
- Lisikili, lake:** 19 7/17: Smithers, R.H.N.: TM: 1 [1 - 1 - 1].
- Makuri pan, 9 km W:** Collection Date Unknown: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Marienthal:** Collection Date Unknown: Rau, R.: SMF: 1 [1 - 1 - 1].
- Mbambi:** Collection Date Unknown: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 1].
- Nama pan [=Nama dam]:** Collection Date Unknown: ?: Collector Unknown: TM: 2 [2 - 2] - 19 3/15: ?: Collector Unknown: TM: 1 [1 - 1 - 3].
- Namibia:** Collection Date Unknown: Hoesch, W.: FMNH: 1 [1]; Zumpt, F. (dr.): SMNS: 3 [3 - 4 - 4].
- Namibia Desert Research Station [= DERU]:** 19 0/22: Coetzee, C.G.: TM: 2 [2]; Haacke, W.: TM: 1 [1 - 3] - Collection Date Unknown: ?: Collector Unknown: NHMZ: 11 [11]; Richardson, P.: TM: 2 [2]; Roer, H.: BMNH: 1 [1]; Ronald E. Cole: USNM: 1 [1 - 15] - 19 1/20: Risser, A.C.: USNM: 1 [1 - 1] - 19 1/22: Ronald E. Cole: USNM: 1 [1 - 1] - 19 2/28: ?: Collector Unknown: NHMZ: 1 [1]; Wright, Peter J.: NHMZ: 1 [1 - 2] - 19 8/01: Richardson, P.: TM: 10 [10 - 10 - 32].
- Nampini:** 19 7/07: Carp, B.: KM: 1 [1 - 1] - 19 8/09: ?: Collector Unknown: TM: 2 [2]; Arends, N.P.: AMNH: 1 [1]; Carp, B.: KM: 1, TM: 2 [3 - 6 - 7].
- Nampiri:** Collection Date Unknown: Carp, B.: TM: 1 [1 - 1 - 1].
- Namutoni:** 19 0/12: ?: Collector Unknown: TM: 1 [1 - 1] - Collection Date Unknown: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1] - 19 4/02: ?: Collector Unknown: TM: 1 [1 - 1 - 3].
- Nasib:** 19 5/18: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Nassengehöhle:** Collection Date Unknown: Glauning: ZMB: 1 [1 - 1 - 1].
- Neuhof-Kowas Farm:** Collection Date Unknown: Viereck, A.: SMF: 2 [2 - 2 - 2].
- New Dam:** 19 0/13: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Ngweze:** Collection Date Unknown: Balme, F.N.: KM: 1 [1 - 1 - 1].
- no specific locality:** Collection Date Unknown: Kühn: ZMB: 1 [1 - 1 - 1].
- Nuichan [=Nuitsas]:** Collection Date Unknown: Lorch: ZMB: 1 [1 - 1 - 1].
- Nuitsas:** 19 3/22: Shortridge, Guy C. (Capt.): BMNH: 3, KM: 2 [5 - 5] - 19 3/23: Shortridge, Guy C. (Capt.): BMNH: 2, KM: 4 [6 - 6] - 19 3/24: Shortridge, Guy C. (Capt.): BMNH: 2, KM: 1 [3 - 3] - 19 3/26: Shortridge, Guy C. (Capt.): BMNH: 2 [2 - 2] - 19 3/31: Shortridge, Guy C. (Capt.): BMNH: 1, KM: 1 [2 - 18].
- Nuitsas Farm:** Collection Date Unknown: Fock: ZMH: 1 [1 - 1 - 1].
- Oas:** Collection Date Unknown: Pöch, Rudolf (dr.): NMW: 2 [2]; Shortridge, Guy C. (Capt.): BMNH: 2 [2 - 4] - 19 3/28: Pöch, Rudolf (dr.): NMW: 1 [1 - 1 - 5].
- Ohopoho:** 19 6/29: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Okahandja:** Collection Date Unknown: ?: Collector Unknown: SMF: 2 [2]; Dinter: ZMB: 2 [2]; Fock: ZMH: 1 [1]; Hoesch, W.: FMNH: 1 [1]; Niethammer, G.: ZFMK: 1 [1 - 7] - 19 3/15: Hoesch, W.: ZFMK: 1 [1 - 1] - 19 3/31: Hoesch, W.: ZFMK: 1 [1 - 1] - 19 4/03: Hoesch, W.: ZFMK: 1 [1 - 1] - 19 4/04: Hoesch, W.: ZFMK: 1 [1 - 1] - 19 9/27: Gaerdes, F.: SMF: 1 [1 - 1 - 12].
- Okavango-Omataka junction:** 19 7/01: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 1].
- Olifants Vlei:** Collection Date Unknown: Anderson, Mr.: BMNH: 2 [2 - 2 - 2].
- Olifant's Vlei [= Elephant Vlei / Vley]:** 18 8/08: Andersson, C.J.: BMNH: 1 [1 - 1] - 18 8/10: Andersson, C.J.: BMNH: 1 [1 - 1 - 2].
- Omaruru:** Collection Date Unknown: Roberts, A.: TM: 1 [1 - 1 - 1].
- Omaruru, 37 km N, 27 km W and 100 km W Eausiro:** Collection Date Unknown: Lester, L.A.: LACM: 2 [2 - 2 - 2].
- Omatagous:** Collection Date Unknown: Chapman, C.P.: TM: 1 [1 - 1 - 1].
- Ombombo:** Collection Date Unknown: Ipa, Shortridge: ZMB: 1 [1 - 1] - 19 6/02: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1] - 19 6/12: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 3].
- Ombonde Farm 616:** 19 8/22: Schlitter, Duane A. (dr.): CM: 2 [2 - 2] - 19 8/23: Schlitter, Duane A. (dr.): CM: 2 [2 - 2] - 19 8/24: Schlitter, Duane A. (dr.): CM: 2 [2 - 2 - 6].
- Ombu:** 19 0/04: Coetzee, C.G.: TM: 5 [5 - 5] - 19 0/05: Coetzee, C.G.: TM: 7 [7 - 7] - Collection Date Unknown: ?: Collector Unknown: AMNH: 1, TM: 16 [17]; Roberts, Austin: TM: 2 [2 - 19] - 19 9/14: Roberts, Austin: TM: 3 [3 - 3] - 19 9/17: Roberts, Austin: TM: 4 [4 - 4] - 19 9/18: Roberts, Austin: TM: 6 [6 - 6] - 19 9/19: ?: Collector Unknown: TM: 1 [1]; Roberts, Austin: TM: 7 [7 - 8] - 19 9/20: ?: Collector Unknown: TM: 1 [1]; Roberts, Austin: TM: 3 [3 - 4] - 19 9/22: Roberts, Austin: SMF: 1, TM: 10 [11 - 11 - 67].
- Omburo [=Omburu]:** Collection Date Unknown: Schinz, H.: ZMB: 1 [1 - 1 - 1].
- Omega:** 19 1/20: Coetzee, C.G.: SMW: 1 [1 - 1 - 1].
- Omega camp:** Collection Date Unknown: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Ondangua:** 19 0/17: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1] - 19 0/24: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1] - 19 0/26: Shortridge, Guy C. (Capt.): BMNH: 1, KM: 1 [2]; Shortridge, Guy C. (Capt.) and Sladen, Percy: BMNH: 1 [1 - 3 - 5].
- Ondongera:** Collection Date Unknown: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 1].
- Ondongwa:** Collection Date Unknown: Shortridge, Guy C. (Capt.): BMNH: 7 [7 - 7 - 7].
- Oserikari:** 19 8/10: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Oshikanga:** 19 5/29: Barlow: TM: 1 [1]; Barlow TM-Expedition, the: TM: 4 [4 - 5 - 5].
- Osjitambi farm:** Collection Date Unknown: Hoesch, W.: FMNH: 1 [1 - 1 - 1].

- Otjikoko Sud 61:** 19 1/09: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2 - 2].
- Otjimbingue:** 19 0/07: Coetzee, C.G.: TM: 2 [2 - 2] - Collection Date Unknown: Coetzee, C.G.: TM: 4 [4]; Hahn, missionary: ZMB: 12 [12 - 16 - 18].
- Otjimbingwe:** 19 0/04: ? : Collector Unknown: TM: 1 [1 - 1] - 19 0/07: ? : Collector Unknown: TM: 6 [6 - 6 - 7].
- Otjimbojo:** 19 9/09: Niethammer, G.: ZFMK: 2 [2 - 2].
- Otjitundua:** 19 4/30: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1] - 19 5/01: Shortridge, Guy C. (Capt.): BMNH: 3 [3 - 3] - 19 5/02: Shortridge, Guy C. (Capt.): BMNH: 5, KM: 5 [10 - 10] - 19 5/03: Shortridge, Guy C. (Capt.): BMNH: 1, KM: 1 [2 - 2] - 19 5/06: Shortridge, Guy C. (Capt.): BMNH: 4, KM: 1 [5 - 5] - 19 5/07: Shortridge, Guy C. (Capt.): BMNH: 1, KM: 1 [2 - 2] - 19 5/08: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1] - 19 5/12: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1] - 19 5/15: Shortridge, Guy C. (Capt.): BMNH: 1, KM: 1 [2 - 2] - 19 5/17: Shortridge, Guy C. (Capt.): BMNH: 3 [3 - 3] - 19 5/20: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1 - 31].
- Otjoro [=Otjihoro]:** Collection Date Unknown: ? : Collector Unknown: BMNH: 2 [2]; Andersson, Tomes: ZMB: 1 [1 - 3 - 3].
- Otjosongombe:** Collection Date Unknown: Hoesch, W: BMNH: 1 [1 - 1 - 1].
- Otjozondjupa:** Collection Date Unknown: ? : Collector Unknown: KM: 2 [2 - 2 - 2].
- Otjumbubi:** Collection Date Unknown: Shortridge, Guy C. (Capt.): BMNH: 2, KM: 1 [3 - 3] - 19 9/24: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 4].
- Outjo:** Collection Date Unknown: Zumpt, F. (dr.): BMNH: 3, SMNS: 2 [5 - 5 - 5].
- Quickborn:** 19 0/17: Bradfield, R.D.: TM: 1 [1 - 1] - Collection Date Unknown: ? : Collector Unknown: TM: 2 [2]; Bradfield, R.D.: TM: 1 [1 - 3] - 19 1/01: Bradfield, R.D.: TM: 1 [1 - 1] - 19 3/31: ? : Collector Unknown: TM: 1 [1 - 1] - 19 4/15: ? : Collector Unknown: TM: 1 [1 - 1 - 7].
- Rehderstal ranch:** 19 0/14: Van Gelder, R.G.: AMNH: 2 [2 - 2 - 2].
- Rooibank:** 19 5/19: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Rosh Pinah:** 19 0/30: Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: TM: 17 [17 - 17 - 17].
- Rua Cana:** 19 1/19: Buys: SMW: 1 [1 - 1 - 1].
- Sandfontein:** 19 1/06: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1 - 1].
- Sangwali:** 19 0/07: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].
- Sesfontein:** 19 1/04: Coetzee, C.G.: SMW: 1 [1 - 1] - 19 3/22: Simoes: SMW: 1 [1 - 1] - 19 5/23: Simoes: SMW: 1 [1 - 1 - 3].
- Spitzkopje:** Collection Date Unknown: Püschel: ZMB: 1 [1 - 1 - 1].
- Ssannakanu village:** Collection Date Unknown: ? : Collector Unknown: KM: 8 [8 - 8 - 8].
- Ssanukanu:** 19 5/29: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1] - 19 6/01: Shortridge, Guy C. (Capt.): FMNH: 1 [1 - 1] - 19 6/02: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1] - 19 6/03: Shortridge, Guy C. (Capt.): BMNH: 2 [2 - 2] - 19 6/04: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1] - 19 6/05: Shortridge, Guy C. (Capt.): BMNH: 1, FMNH: 1 [2 - 2] - 19 6/09: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1] - 19 6/10: Shortridge, Guy C. (Capt.): BMNH: 1, FMNH: 1 [2 - 2] - 19 6/11: Shortridge, Guy C. (Capt.): FMNH: 1 [1 - 1] - 19 6/13: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 13].
- Swakopmund:** 19 5/10: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Swartbooisdrift:** 19 0/19: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Swartbooisdrift:** 19 0/14: Buys: SMW: 1 [1 - 1] - 19 6/23: Carp, B.: TM: 1 [1 - 1] - 19 7/27: Shortridge, Guy C. (Capt.): KM: 2 [2 - 2] - 19 8/27: Shortridge, Guy C. (Capt.): BMNH: 1, KM: 1 [2 - 2 - 6].
- Swartkop:** 19 0/28: Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]; Wolhuter, D.A. and Coetzee, C.G.: TM: 2 [2 - 3] - Collection Date Unknown: ? : Collector Unknown: TM: 4 [4 - 4 - 7].
- Swartkop Diamond Area No.1:** 19 0/28: ? : Collector Unknown: TM: 1 [1 - 1] - 19 0/29: ? : Collector Unknown: TM: 1 [1 - 1 - 2].
- Tshimhaka:** 19 7/25: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1 - 1].
- Ukualuisi:** 19 0/14: Shortridge, Guy C. (Capt.): KM: 1 [1]; Shortridge, Guy C. (Capt.) and Sladen, Percy: BMNH: 2 [2 - 3] - Collection Date Unknown: Shortridge, Guy C. (Capt.): BMNH: 6 [6 - 6] - 19 7/27: Shortridge, Guy C. (Capt.): KM: 2 [2 - 2] - 19 8/27: Shortridge, Guy C. (Capt.) and Sladen, Percy: BMNH: 1 [1 - 1 - 12].
- Ukualukasi:** 19 0/06: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1] - 19 0/07: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1] - 19 0/08: Shortridge, Guy C. (Capt.): BMNH: 2, KM: 4 [6 - 6] - 19 0/09: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1] - 19 0/12: Shortridge, Guy C. (Capt.): BMNH: 1, KM: 3 [4 - 4] - Collection Date Unknown: Shortridge, Guy C. (Capt.): BMNH: 16 [16 - 16 - 29].
- unknown locality:** Collection Date Unknown: Lester, L.A.: LACM: 1 [1 - 1 - 1].
- Usakos:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1]; Coetzee: TM: 1 [1 - 2 - 2].
- Walfischbay [=Walvis Bay]:** Collection Date Unknown: Belk: ZMB: 1 [1 - 1 - 1].
- Waterberg district:** Collection Date Unknown: Pretoria Museum, donated: SAMC: 1 [1 - 1 - 1].
- Welverdien Farm 328:** 19 8/11: Schlitter, Duane A. (dr.): CM: 1 [1 - 1 - 1].
- Windhoek:** Collection Date Unknown: Lübbert: ZMB: 4 [4]; Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 5] - 19 1/14: Shortridge, Guy C. (Capt.) and Sladen, Percy: BMNH: 1 [1 - 1] - 19 1/15: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1] - 19 3/09: Mittendorf, H.: ZFMK: 3 [3 - 3] - 19 4/15: Zumpt, F. (dr.): ZFMK: 2 [2 - 2] - 19 7/15: ? : Collector Unknown: TM: 1 [1 - 1] - 19 9/29: Mertens, Robert (dr.): SMF: 1 [1 - 1 - 14].
- Windhuk [=Windhoek?]:** Collection Date Unknown: Shortridge, Guy C. (Capt.): BMNH: 2 [2 - 2 - 2].
- Witvlei:** Collection Date Unknown: ? : Collector Unknown: BMNH: 1 [1 - 1 - 1].

Total Specimens for Namibia: 726

NE Africa

Walamo: 19 2/21: BMNH: 1 [1 - 1 - 1].

Total Specimens for NE Africa: 1

Niger

I-N-Gall: 19 3/16: RMCA: 24 [24 - 24] - 19 3/17: ? : Collector Unknown: RMCA: 1 [1 - 1] - 19 3/18: Petiniot and Verheyen, Walter N.: RMCA: 1 [1 - 1 - 26].

Maradi: 19 0/30: Kock, Dieter: SMF: 2 [2 - 2] - 19 0/31: Kock, Dieter: SMF: 1 [1 - 1 - 3].

Niger: 19 2/04: Milet-Horsin, M.: MNHN: 1 [1 - 1 - 1].
Park West: 19 5/12: Pöche, R.M.: USNM: 1 [1 - 1] - 19 5/19: Pöche, R.M.: USNM: 1 [1 - 1 - 2].
Tapoa: Collection Date Unknown: Pöche, R.M.: USNM: 1 [1 - 1 - 1].
Tapoa, 21 km E: 19 5/17: Pöche, R.M.: USNM: 1 [1 - 1 - 1].
Tebeig Asben: 19 7/27: Buchanan, Angus: BMNH: 1 [1 - 1 - 1].
Zinder: 19 1/07: Madsen, Harry: FMNH: 3 [3 - 3] - 19 1/30: Buchanan, Angus: BMNH: 1 [1]; Buchanan, Angus and Rothschild, Nathaniel Charles: BMNH: 2 [2 - 3 - 6].

Total Specimens for Niger: 41

Nigeria

: Collection Date Unknown: BMNH: 1 [1 - 1 - 1].
Abeotuka: 19 3/10: Brown: HZM: 1 [1 - 1 - 1].
Abo: Collection Date Unknown: ?: Collector Unknown: BMNH: 1 [1 - 1 - 1].
Afon: Collection Date Unknown: Geest, J.C.: USNM: 12 [12 - 12] - 19 5/05: Geest, J.C.: USNM: 9 [9 - 9] - 19 5/06: Geest, J.C.: USNM: 24 [24 - 24] - 19 5/07: Geest, J.C.: USNM: 3 [3 - 3 - 48].
Agege: 19 8/27: Bergmans, Wim: ZMA: 1 [1 - 1] - 19 8/28: Bergmans, Wim: ZMA: 1 [1 - 1] - 19 9/27: De Boer, P. and De Boer, A.: ZMA: 4 [4 - 4 - 6].
Aguleri: 19 8/25: Kemp, Robin: BMNH: 1 [1 - 1 - 1].
Alabe: Collection Date Unknown: Ebungbola, L.D.: BMNH: 1 [1 - 1 - 1].
Alimbo Ferry Road: 19 1/29: Reid, C.J.: BMNH: 1 [1 - 1 - 1].
Araba: Collection Date Unknown: ?: Collector Unknown: BMNH: 1 [1 - 1 - 1].
Arusu: 19 7/08: Bergmans, Wim: ZMA: 1 [1 - 1 - 1].
Asaba: Collection Date Unknown: ?: Collector Unknown: BMNH: 1 [1]; Crofse, H.: BMNH: 1 [1 - 2 - 2].
Bacita: 19 1/29: Mees, G.F.: RMNH: 1 [1 - 1] - 19 2/06: Mees, G.F.: RMNH: 1 [1 - 1] - 19 2/11: Mees, G.F.: RMNH: 1 [1 - 1 - 3].
Bagu-Kawa: 19 5/31: Viellard, J.: MHNG: 1 [1 - 1 - 1].
Benin [City]: Collection Date Unknown: Allison, F.R.: BMNH: 1 [1 - 1 - 1].
Calabar: Collection Date Unknown: Robb, Dr. A. (coll.), Smith, dr. J. (pres): BMNH: 1 [1 - 1 - 1].
Calabar, 15 mi N: 19 3/10: Herbert, H.J.: USNM: 1 [1 - 1 - 1].
Chappal Waddi: Collection Date Unknown: ?: Collector Unknown: SMNS: 3, ZFMK: 1 [4 - 4 - 4].
Dada: 19 5/29: Geest, J.C.: USNM: 1 [1 - 1] - 19 5/30: Akpan, S.B.: USNM: 9 [9]; Geest, J.C.: USNM: 8 [8 - 17 - 18].
Darazo: Collection Date Unknown: Koeman, J.H.: ZMA: 1 [1 - 1 - 1].
Dikwa, 31 mi NE: 19 4/08: Herbert, H.J.: USNM: 2 [2 - 2] - 19 4/10: Herbert, H.J.: USNM: 8 [8 - 8 - 10].
Farniso: 19 2/23: Buchanan, Angus: BMNH: 1 [1 - 1 - 1].
Felele: Collection Date Unknown: Geest, J.C.: USNM: 3 [3 - 3 - 3].
Gangirwal: Collection Date Unknown: ?: Collector Unknown: SMNS: 2, ZFMK: 2 [4 - 4 - 4].
Gudi, 3 mi E: Collection Date Unknown: Geest, J.C.: USNM: 2 [2 - 2 - 2].
Ibadan: Collection Date Unknown: Akpan, S.B.: USNM: 1 [1]; Clausen, H.S.: ZMUC: 2 [2]; Cozens, A.B. (Col.): BMNH: 1 [1]; Geest, J.C.: USNM: 1 [1]; Nielsen, Mrs.: BMNH: 1 [1]; Taylor, K.D.: BMNH: 1 [1 - 7] - 19 6/12: Ife University: FMNH: 2 [2 - 2] - 19 6/17: Taylor, K.D.: BMNH: 1 [1 - 1] - 19 8/06: Bergmans, Wim: ZMA: 1 [1 - 1] - 19 8/09: Bergmans, Wim: ZMA: 4 [4 - 4 - 15].
Igbo-ora: 19 0/21: Setzer, H.W.: USNM: 1 [1 - 1 - 1].
Ikotmbo: Collection Date Unknown: Sanderson, Ivan T.: BMNH: 2 [2 - 2] - 19 9/18: Sanderson, Ivan T.: BMNH: 1 [1 - 1 - 3].
Ilashe, 4 mi S: 19 1/09: Geest, J.C.: USNM: 2 [2 - 2 - 2].
Independence Layout: Collection Date Unknown: Ebigbo, N.: SMF: 1 [1 - 1 - 1].
Jos: 19 6/25: Bergmans, Wim: ZMA: 1 [1 - 1 - 1].
Kabir: 19 5/15: Fox, Rév. G.J.: BMNH: 1 [1 - 1 - 1].
Kabwir: Collection Date Unknown: ?: Collector Unknown: BMNH: 1 [1]; Fox, Rév. G.J.: BMNH: 1 [1 - 2] - 19 1/14: Fox, J.C. (Mr.): BMNH: 1 [1 - 1 - 3].
Kaduna: Collection Date Unknown: Start, A.N. and Watson, M.: BMNH: 1 [1 - 1] - 19 2/21: Start, A.N. and Watson, M.: BMNH: 1 [1 - 1 - 2].
Kano: Collection Date Unknown: Buchanan, Angus: BMNH: 1 [1 - 1] - 19 1/01: Crick: HZM: 1 [1 - 1 - 2].
Karaduwa: Collection Date Unknown: Geest, J.C.: USNM: 4 [4 - 4] - 19 1/14: Geest, J.C.: USNM: 1 [1 - 1] - 19 1/16: Geest, J.C.: USNM: 2 [2 - 2] - 19 1/17: Geest, J.C.: USNM: 2 [2 - 2] - 19 1/18: Geest, J.C.: USNM: 1 [1 - 1 - 10].
Kilboa, 20 mi W: Collection Date Unknown: Ford, A.: HZM: 2 [2 - 2 - 2].
Kudu: Collection Date Unknown: Geest, J.C.: USNM: 8 [8 - 8] - 19 3/07: Geest, J.C.: USNM: 6 [6 - 6] - 19 3/08: Geest, J.C.: USNM: 2 [2 - 2 - 16].
Lagos: Collection Date Unknown: ?: Collector Unknown: BMNH: 2 [2]; Dobson, George Edward (gift): BMNH: 1 [1]; Gerrard: ZMB: 2 [2]; Salmin: ZMB: 3 [3 - 8] - 19 1/07: Lowe, Willoughby P.: BMNH: 1 [1 - 1] - 19 2/26: Lowe, Willoughby P.: BMNH: 1 [1 - 1] - 19 5/11: Brownlow, I.P.: HZM: 1 [1 - 1 - 11].
Leinde Fadali: Collection Date Unknown: ?: Collector Unknown: SMNS: 2, ZFMK: 1 [3 - 3 - 3].
Maiduguri: 19 8/28: Ford: HZM: 1 [1 - 1 - 1].
Malamfatori: 19 3/30: Kemp, G.E.: USNM: 1 [1 - 1 - 1].
Nassarawa: Collection Date Unknown: Cator, D.: BMNH: 1 [1 - 1 - 1].
Nigeria: 19 1/28: Dyer, M.E.: HZM: 1 [1 - 1 - 1].
Numan: Collection Date Unknown: Jones, Theo Simpson: BMNH: 1 [1 - 1 - 1].
Oban: Collection Date Unknown: Delamere, Lord: BMNH: 1 [1 - 1 - 1].
Ogbunike: Collection Date Unknown: Awachie, J.B.E.: BMNH: 1 [1 - 1 - 1].
Old Calabar: Collection Date Unknown: ?: Collector Unknown: BMNH: 1 [1]; Robb, Dr. A. (coll.), Smith, dr. J. (pres): BMNH: 1 [1]; Spurrell, H.G.F. (dr.): BMNH: 1 [1 - 3 - 3].
Old Calabar river: Collection Date Unknown: ?: Collector Unknown: BMNH: 1 [1 - 1 - 1].
Pandam: 19 2/02: Smeenk, Chris and Smeenk, Nellie: RMNH: 1 [1 - 1] - 19 7/05: Bergmans, Wim: ZMA: 2 [2 - 2] - 19 7/06: Bergmans, Wim: ZMA: 1 [1 - 1] - 19 7/07: Bergmans, Wim: ZMA: 1 [1 - 1 - 5].
Pandam, lake: 19 4/17: Smeenk, Chris and Smeenk, Nellie: RMNH: 1 [1 - 1] - 19 6/14: Smeenk, Chris and Smeenk, Nellie:

RMNH: 1 [1 - 1] - 19 6/15: Smeenk, Chris and Smeenk, Nellie: RMNH: 3 [3 - 3] - 19 7/05: Bergmans, Wim: ZMA: 1 [1 - 1] - 19 7/07: Bergmans, Wim: ZMA: 1 [1 - 1] - 19 7/11: Bergmans, Wim: ZMA: 1 [1 - 1 - 8].
Panisau: 19 1/22: Geest, J.C.: USNM: 4 [4 - 4] - 19 2/04: Geest, J.C.: USNM: 9 [9 - 9] - 19 2/05: Geest, J.C.: USNM: 6 [6 - 6 - 19].
Panyam [Fish Farm]: Collection Date Unknown: Fox, R v. G.J.: BMNH: 1 [1]; Geest, J.C.: USNM: 2 [2 - 3 - 3].
Parniso: Collection Date Unknown: Geest, J.C.: USNM: 4 [4 - 4 - 4].
Pategi: 19 5/21: Sibley, Fred C.: AMNH: 1 [1 - 1 - 1].
S Birnin Gwari: 19 4/04: Dyer, M.E.: ROM: 1 [1 - 1 - 1].
Samaru stream: 19 3/14: Egwali, E.: HZM: 1 [1 - 1 - 1].
Sokoto: 19 0/07: Swire, P.: HZM: 1 [1 - 1] - 19 0/13: Swire, P.: HZM: 1 [1 - 1] - Collection Date Unknown: ?: Collector Unknown: BMNH: 1 [1]; Herbert, H.J.: USNM: 1 [1]; Swire, P.: HZM: 1 [1 - 3] - 19 4/01: Swin: HZM: 1 [1 - 1 - 6].
Sokoto, 12 mi N: 19 5/09: Herbert, H.J.: USNM: 2 [2 - 2] - 19 5/10: Herbert, H.J.: USNM: 4 [4 - 4 - 6].
Tangaza: Collection Date Unknown: Geest, J.C.: USNM: 5 [5 - 5 - 5].
Tsanchaga: Collection Date Unknown: Geest, J.C.: USNM: 3 [3 - 3] - 19 1/10: Geest, J.C.: USNM: 2 [2 - 2 - 5].
Umuhia: 19 0/08: Cozens, A.B. (Col.): BMNH: 1 [1 - 1] - Collection Date Unknown: Cozens, A.B. (Col.): BMNH: 2 [2 - 2] - 19 8/21: Cozens, A.B. (Col.): BMNH: 2 [2 - 2 - 5].
Wase Rock: Collection Date Unknown: Dunger, G.T.: BMNH: 1 [1 - 1 - 1].
West province: Collection Date Unknown: ?: Collector Unknown: BMNH: 1 [1 - 1 - 1].
Yelwa: Collection Date Unknown: ?: Collector Unknown: SMNS: 4, ZFMK: 4 [8 - 8 - 8].
Yo: Collection Date Unknown: Jones, Theo Simpson: BMNH: 4 [4 - 4 - 4].
Yola: 19 7/27: ?: Collector Unknown: BMNH: 1 [1 - 1 - 1].
Yoruba: Collection Date Unknown: Krauss: ZMB: 1 [1 - 1 - 1].
Zaria: Collection Date Unknown: Nash, T.A. (Dr.): BMNH: 1 [1 - 1] - 19 1/19: Egwali, E.: HZM: 1 [1 - 1] - 19 2/21: Egwali, E.: HZM: 1 [1 - 1] - 19 2/22: Ghotosho: HZM: 1 [1 - 1] - 19 3/06: Dyer, M.E.: ROM: 1 [1 - 1 - 5].
Zaria, 15 mi NW: Collection Date Unknown: Herbert, H.J.: USNM: 2 [2 - 2 - 2].
Zaria, 7 mi NW: 19 5/15: Herbert, H.J.: USNM: 1 [1 - 1 - 1].

Total Specimens for Nigeria: 291

Reunion

R union: Collection Date Unknown: RMNH: 1 [1 - 1 - 1].

Total Specimens for Reunion: 1

R union

Bourbon [=R union]: Collection Date Unknown: ZMB: 1 [1]; Boucard ?: ZMB: 1 [1]; ex Museum Paris: ZMB: 1 [1]; Verreaux: ZMB: 2 [2 - 5 - 5].

R union: Collection Date Unknown: Pollen: ZMB: 2 [2 - 2 - 2].

Total Specimens for R union: 7

Rwanda

Akagera Park: Collection Date Unknown: KBIN: 10 [10 - 10 - 10].

Bagarura island: Collection Date Unknown: ?: Collector Unknown: KBIN: 6 [6 - 6 - 6].

Bugoye-Kisenyi: Collection Date Unknown: ?: Collector Unknown: RMCA: 3 [3 - 3 - 3].

Butare: 19 0/07: Baeten, Benny; De Vree, Frits; Van Cakenberghe, Victor; and Van der Straeten Erik: RMCA: 1 [1 - 1] - 19 0/25: Anciaux de Faveaux, Michel: KBIN: 1 [1 - 1] - Collection Date Unknown: ?: Collector Unknown: RMCA: 46 [46]; Fain, Alexandre (Dr.): RMCA: 1 [1 - 47] - 19 1/11: Anciaux de Faveaux, Michel: KBIN: 2 [2 - 2] - 19 2/25: Anciaux de Faveaux, Michel: KBIN: 1 [1 - 1] - 19 5/03: Aurilien, Rv. Fr.: RMCA: 1 [1 - 1] - 19 6/18: Anciaux de Faveaux, Michel: KBIN: 1 [1 - 1 - 54].

Cyili: Collection Date Unknown: ?: Collector Unknown: RMCA: 4 [4 - 4 - 4].

Gabiro: Collection Date Unknown: ?: Collector Unknown: KBIN: 1, RMCA: 4 [5 - 5 - 5].

Gafumba: Collection Date Unknown: ?: Collector Unknown: RMCA: 2 [2 - 2] - 19 1/24: Anciaux de Faveaux, Michel: KBIN: 5 [5 - 5] - 19 2/07: Th oneste: RMCA: 1 [1 - 1 - 8].

Gakoma: Collection Date Unknown: ?: Collector Unknown: RMCA: 1 [1]; Svepel: ZMZ: 1 [1 - 2] - 19 9/20: Svepel: ZMZ: 1 [1 - 1] - 19 9/21: Svepel: ZMZ: 1 [1 - 1] - 19 9/27: Svepel: ZMZ: 1 [1 - 1] - 19 9/28: Svepel: ZMZ: 2 [2 - 2 - 7].

Gatera: Collection Date Unknown: ?: Collector Unknown: RMCA: 2 [2 - 2 - 2].

Gisenyi: Collection Date Unknown: ?: Collector Unknown: RMCA: 6 [6 - 6 - 6].

Gisovu: 19 0/03: Meirte, Danny: RMCA: 1 [1 - 1] - Collection Date Unknown: ?: Collector Unknown: RMCA: 1 [1 - 1 - 2].

Karama: 19 0/11: Baeten, Benny; De Vree, Frits; Van Cakenberghe, Victor; and Van der Straeten Erik: RMCA: 2 [2 - 2] - 19 0/12: Baeten, Benny; De Vree, Frits; Van Cakenberghe, Victor; and Van der Straeten Erik: RMCA: 1 [1 - 1 - 3].

Karama-Kigali-Nuhulu road: Collection Date Unknown: ?: Collector Unknown: RMCA: 1 [1 - 1 - 1].

Katjambura: Collection Date Unknown: ?: Collector Unknown: RMCA: 1 [1 - 1 - 1].

Kayonza: Collection Date Unknown: ?: Collector Unknown: RMCA: 1 [1 - 1 - 1].

Kibuye: 19 0/06: Meirte, Danny: RMCA: 1 [1 - 1] - 19 0/07: Meirte, Danny: RMCA: 2 [2 - 2] - 19 0/08: Meirte, Danny: RMCA: 2 [2 - 2] - Collection Date Unknown: ?: Collector Unknown: RMCA: 9 [9 - 9 - 14].

Kidaho: Collection Date Unknown: ?: Collector Unknown: RMCA: 5 [5 - 5 - 5].

Kigali: Collection Date Unknown: ?: Collector Unknown: RMCA: 6 [6 - 6 - 6].

Kisenyi [=Gisenyi]: Collection Date Unknown: ?: Collector Unknown: RMCA: 1 [1]; Van Saughem: RMCA: 1 [1 - 2] - 19 1/01: Schouteden, H.: RMCA: 1 [1 - 1 - 3].

Kissenji [=Gisenyi]: Collection Date Unknown: K hl: ZMB: 1 [1]; Stegmann-Stein: ZMB: 5 [5 - 6 - 6].

Kitabi: 19 1/02: Baeten, Benny; De Vree, Frits; Van Cakenberghe, Victor; and Van der Straeten Erik: RMCA: 1 [1 - 1] - 19

- 1/03: Baeten, Benny; De Vree, Frits; Van Cakenberghe, Victor; and Van der Straeten Erik: RMCA: 1 [1 - 1] - 19 1/05: Baeten, Benny; De Vree, Frits; Van Cakenberghe, Victor; and Van der Straeten Erik: RMCA: 1 [1 - 1 - 3].
- Mabanza:** 19 0/10: Meirte, Danny: RMCA: 1 [1 - 1] - Collection Date Unknown: ?: Collector Unknown: RMCA: 1 [1 - 1 - 2].
- Mimuli:** 19 0/31: Goepel, U.: ZMZ: 1 [1 - 1] - 19 1/04: Svepel: ZMZ: 1 [1 - 1] - 19 1/05: Svepel: ZMZ: 1 [1 - 1] - 19 1/06: Svepel: ZMZ: 1 [1 - 1] - 19 1/10: Svepel: ZMZ: 2 [2 - 2 - 6].
- Mugarura:** Collection Date Unknown: Schubotz: ZMB: 3 [3]; Stegmann-Stein: ZMB: 10 [10 - 13 - 13].
- Mugogwe:** 19 2/19: Anciaux de Faveaux, Michel: KBIN: 1 [1 - 1 - 1].
- Muhabura:** 19 6/18: ?: Collector Unknown: RMCA: 1 [1 - 1 - 1].
- Muhazi, lake:** Collection Date Unknown: ?: Collector Unknown: RMCA: 4 [4 - 4 - 4].
- Murunda:** Collection Date Unknown: ?: Collector Unknown: RMCA: 9 [9 - 9 - 9].
- Musanse:** Collection Date Unknown: ?: Collector Unknown: KBIN: 10 [10 - 10 - 10].
- Mutura:** 19 0/24: Baeten, Benny; De Vree, Frits; Van Cakenberghe, Victor; and Van der Straeten Erik: RMCA: 1 [1 - 1 - 1].
- Nyakibanda:** 19 0/14: Fain, Alexandre (Dr.): RMCA: 7 [7 - 7] - 19 0/15: Fain, Alexandre (Dr.): RMCA: 1 [1 - 1] - Collection Date Unknown: ?: Collector Unknown: RMCA: 12 [12]; Fain, Alexandre (Dr.): RMCA: 2 [2]; Mutere, F.A.: RMCA: 8 [8 - 22 - 30].
- Nyamata:** Collection Date Unknown: ?: Collector Unknown: RMCA: 4 [4 - 4] - 19 1/15: Baeten, Benny; De Vree, Frits; Van Cakenberghe, Victor; and Van der Straeten Erik: RMCA: 8 [8 - 8] - 19 1/16: Baeten, Benny; De Vree, Frits; Van Cakenberghe, Victor; and Van der Straeten Erik: RMCA: 35 [35 - 35] - 19 1/17: Baeten, Benny; De Vree, Frits; Van Cakenberghe, Victor; and Van der Straeten Erik: RMCA: 25 [25 - 25 - 72].
- Nyamjumba:** 19 2/18: Baeten, Benny and Janssens, Luc: RMCA: 1 [1 - 1 - 1].
- Nyankokome:** Collection Date Unknown: ?: Collector Unknown: KBIN: 1 [1 - 1 - 1].
- Nyarutaru:** 19 5/18: Fain, Alexandre (Dr.): RMCA: 1 [1 - 1 - 1].
- Nyarutovu:** Collection Date Unknown: ?: Collector Unknown: RMCA: 3 [3 - 3 - 3].
- Nyumba cave:** Collection Date Unknown: Fain, Alexandre (Dr.): BMNH: 6, MHNG: 1 [7 - 7] - 19 2/01: Anciaux de Faveaux, Michel: KBIN: 8 [8 - 8] - 19 2/07: Anciaux de Faveaux, Michel: KBIN: 4 [4 - 4] - 19 2/17: Anciaux de Faveaux, Michel: KBIN: 1 [1 - 1 - 20].
- Nyundo:** 19 0/19: Meirte, Danny: RMCA: 1 [1 - 1] - Collection Date Unknown: ?: Collector Unknown: RMCA: 17 [17 - 17 - 18].
- Nyungwe forest reserve:** Collection Date Unknown: Heller, K.G. and Volleth, Marianne: SMF: 1 [1 - 1 - 1].
- Rubona:** Collection Date Unknown: ?: Collector Unknown: KBIN: 4, RMCA: 2 [6 - 6] - 19 1/23: Anciaux de Faveaux, Michel: KBIN: 3 [3 - 3 - 9].
- Rukira [=Rukara]:** 19 0/09: Fain, Alexandre (Dr.): RMCA: 1 [1 - 1] - 19 0/11: Fain, Alexandre (Dr.): RMCA: 3 [3 - 3] - Collection Date Unknown: ?: Collector Unknown: RMCA: 36 [36 - 36] - 19 1/22: Baeten, Benny; De Vree, Frits; Van Cakenberghe, Victor; and Van der Straeten Erik: RMCA: 1 [1 - 1 - 41].
- Rumonge:** 19 1/02: Fain, Alexandre (Dr.): RMCA: 1 [1 - 1 - 1].
- Rwankalo:** Collection Date Unknown: ?: Collector Unknown: KBIN: 1 [1 - 1 - 1].
- Rwankwi:** Collection Date Unknown: Leray, G.V.: RMCA: 1 [1 - 1 - 1].
- Shangi:** Collection Date Unknown: ?: Collector Unknown: RMCA: 1 [1 - 1] - 19 1/05: Baeten, Benny and Janssens, Luc: RMCA: 2 [2 - 2 - 3].
- Simbi cave:** Collection Date Unknown: Anciaux de Faveaux, Michel: KBIN: 1 [1 - 1] - 19 4/10: Anciaux de Faveaux, Michel: KBIN: 1 [1 - 1 - 2].
- Uwinka:** 19 8/25: Goepel, U.: ZMZ: 1 [1 - 1 - 1].

Total Specimens for Rwanda: 403

São Tomé and Príncipe

- Generosa:** Collection Date Unknown: MTB: 1 [1 - 1 - 1].
- Praia das Conchas:** Collection Date Unknown: ?: Collector Unknown: EBD: 1 [1]; Feiler & Günther: ZMB: 1 [1]; Feiler and Günther: ZMB: 5 [5 - 7 - 7].
- Príncipe island:** Collection Date Unknown: Dohrn: ZMB: 1 [1 - 1 - 1].
- São Tomé Island:** Collection Date Unknown: F. Newton/Pires: MLZA: 1 [1 - 1 - 1].

Total Specimens for São Tomé and Príncipe: 10

Saudi-Arabia

- Al Muwaylih [=Mohila]:** Collection Date Unknown: SMF: 1 [1 - 1 - 1].

Total Specimens for Saudi-Arabia: 1

Senegal

- Badi:** 19 2/08: BMNH: 1 [1 - 1] - 19 4/03: KUL-expeditie (Katholieke Universiteit Leuven): RMCA: 1 [1 - 1] - 19 9/04: ?: Collector Unknown: MHNG: 1 [1 - 1 - 3].
- Bafoulabé:** 19 3/31: ORSTOM: MNHN: 4 [4 - 4 - 4].
- Ba-Foula-Bé:** 19 4/02: KUL-expeditie (Katholieke Universiteit Leuven): RMCA: 2 [2 - 2 - 2].
- Bakel:** Collection Date Unknown: ?: Collector Unknown: BMNH: 1 [1]; Lataste collection: BMNH: 1 [1 - 2 - 2].
- Bandia:** Collection Date Unknown: Böhme, W. et al.: ZFMK: 3 [3 - 3] - 19 1/11: Taufflieb, R.: MHNG: 2 [2 - 2] - 19 6/11: Chateau, R.: MNHN: 2 [2 - 2] - 19 7/12: Cornet, Dr. and Taufflieb, R.: MHNG: 1 [1 - 1 - 8].
- Dagana:** Collection Date Unknown: Spatz: ZMB: 15 [15 - 15 - 15].
- Dakar:** Collection Date Unknown: Davis, R.M.: USNM: 2 [2 - 2] - 19 7/01: Davis, R.M.: USNM: 7 [7 - 7] - 19 7/02: Davis, R.M.: USNM: 8 [8 - 8 - 17].
- Diabane:** 19 7/31: Cabot, M.: FMNH: 1 [1 - 1 - 1].
- Dialocote:** Collection Date Unknown: Davis, R.M.: USNM: 17 [17]; Owen, G.F.: BMNH: 2 [2 - 19] - 19 3/07: Owen, G.F.: BMNH: 1 [1 - 1] - 19 3/09: Owen, G.F.: BMNH: 1 [1 - 1] - 19 5/05: Davis, R.M.: USNM: 4 [4 - 4] - 19 5/06: Davis, R.M.:

USNM: 27 [27 - 27] - 19 5/07: Owen, G.F.: BMNH: 2 [2 - 2] - 19 5/07: Davis, R.M.: USNM: 10 [10 - 10 - 64].
Diataccounda: 19 2/12: Böhme, W.: ZFMK: 2 [2]; Böhme, W. et al.: ZFMK: 25 [25 - 27] - 19 2/23: Böhme, W. et al.: ZFMK: 2 [2 - 2] - 19 2/25: Böhme, W. et al.: ZFMK: 1 [1 - 1 - 30].
Djoudj national park: Collection Date Unknown: ?; Collector Unknown: MNHN: 1 [1 - 1 - 1].
Enganga: 19 0/30: Cabot, M.: FMNH: 1 [1 - 1 - 1].
Gamon: Collection Date Unknown: Davis, R.M.: USNM: 1 [1 - 1] - 19 5/10: Davis, R.M.: USNM: 1 [1 - 1] - 19 5/11: Davis, R.M.: USNM: 2 [2 - 2 - 4].
Goudiri: Collection Date Unknown: Davis, R.M.: USNM: 5 [5 - 5] - 19 4/20: Davis, R.M.: USNM: 21 [21 - 21 - 26].
Kaffrine, 15 km N: 19 1/26: Davis, R.M.: USNM: 9 [9 - 9 - 9].
Kedougou: Collection Date Unknown: Wonder, F.C.: USNM: 1 [1 - 1] - 19 5/19: Wonder, F.C.: USNM: 1 [1 - 1] - 19 5/20: Wonder, F.C.: USNM: 1 [1 - 1 - 3].
Koular: 19 2/08: Adam, F.: MNHN: 5 [5 - 5 - 5].
Kumbane: 19 2/31: KUL-expeditie (Katholieke Universiteit Leuven): RMCA: 1 [1 - 1 - 1].
Linguere: 19 0/02: Descarpentier, A. and Villiers, A.: MNHN: 1 [1 - 1 - 1].
Louga, 8 km E: 19 7/18: Davis, R.M.: USNM: 39 [39 - 39 - 39].
M'Bour: 19 4/16: Cornet, Dr. and Taufflieb, R.: MHNG: 1 [1 - 1 - 1].
Mbout [=Mbeute]: Collection Date Unknown: Spatz: ZMB: 20 [20 - 20 - 20].
Missirah Saloum: Collection Date Unknown: Verschuren, Jacques: KBIN: 22 [22 - 22 - 22].
Ndoro: Collection Date Unknown: Riggensbach: ZMB: 2 [2 - 2 - 2].
N'Gari: Collection Date Unknown: Chateau, R.: MHNG: 1 [1 - 1 - 1].
N'Goyé: 19 2/29: Taufflieb, R.: MHNG: 1 [1 - 1 - 1].
No specific locality: Collection Date Unknown: Doria, Giacomo (Marchese): ZMB: 1 [1]; Riggensbach: ZMB: 1 [1]; Scherer: ZMB: 12 [12]; Sokolowski: ZMB: 1 [1 - 15 - 15].
Podor: 19 3/25: Davis, R.M.: USNM: 18 [18 - 18 - 18].
Ranerou, 13 km NW: 19 6/25: Robbins, C. Brian: USNM: 1 [1 - 1 - 1].
Richard Toll: Collection Date Unknown: ?; Collector Unknown: MNHN: 1 [1 - 1] - 19 3/31: Chateau, R.: MNHN: 1 [1 - 1] - 19 4/24: Roux, Francis: MNHN: 1 [1 - 1] - 19 9/01: Roux, Francis: MNHN: 1 [1 - 1 - 4].
Saboya: 19 0/07: Adam, F.: MNHN: 24 [24 - 24] - 19 0/08: Adam, F.: MNHN: 1 [1 - 1] - Collection Date Unknown: Chateau, R.: MNHN: 1 [1]; Simonkovitch, E.: MNHN: 1 [1 - 2] - 19 2/17: Adam, F.: MNHN: 5 [5 - 5] - 19 4/28: Taufflieb, R.: MHNG: 1 [1 - 1] - 19 5/09: Taufflieb, R.: MHNG: 2 [2 - 2] - 19 8/26: Simonkovitch, E.: MNHN: 8 [8 - 8] - 19 9/01: Simonkovitch, E.: MNHN: 3 [3 - 3 - 46].
Senegal: Collection Date Unknown: de Selys-Longschamps: KBIN: 1 [1]; Herdson, D.: BMNH: 1 [1]; Taufflieb, R.: MNHN: 5 [5 - 7 - 7].
Tabadienke: Collection Date Unknown: Weidholz, Alfred: NMW: 6 [6 - 6 - 6].
Thiès: Collection Date Unknown: Riggensbach: ZMB: 4 [4]; Rippenbach: BMNH: 1 [1 - 5 - 5].

Total Specimens for Senegal: 385

Seychelle Islands

Mahe Island: Collection Date Unknown: BMNH: 1 [1 - 1 - 1].
Silhouette Island: Collection Date Unknown: Gardiner, Prof. J. Stanley: BMNH: 1 [1 - 1 - 1].

Total Specimens for Seychelle Islands: 2

Sierra Leone

Bo School: Collection Date Unknown: HZM: 1 [1 - 1 - 1].
Bonthe: Collection Date Unknown: Jones, Theo Simpson: BMNH: 2 [2]; Volz, W. (dr.): NMBE: 6 [6 - 8] - 19 1/08: Jones, Theo Simpson: BMNH: 1 [1 - 1] - 19 1/24: Jones, Theo Simpson: ROM: 1 [1 - 1] - 19 8/26: Jones, Theo Simpson: ROM: 1 [1 - 1 - 11].
Fadugu: 19 4/18: Krebs, John W.: USNM: 1 [1 - 1 - 1].
Fintonia, 5.7 km NE: 19 5/15: Robbins, C. Brian and Schmidt, D.F.: USNM: 1 [1 - 1] - 19 5/16: Robbins, C. Brian: USNM: 1 [1 - 1] - 19 5/17: Robbins, C. Brian: USNM: 1 [1 - 1 - 3].
Fintonia, 5.8 km E: 19 4/16: Robbins, C. Brian and Schmidt, D.F.: USNM: 1 [1 - 1] - 19 4/20: Robbins, C. Brian: USNM: 2 [2]; Schmidt, D.F.: USNM: 1 [1 - 3] - 19 4/24: Carleton, Michael D. and Robbins, C. Brian: USNM: 1 [1 - 1 - 5].
Freetown: Collection Date Unknown: Johnston, Harry H. (Sir): BMNH: 1 [1]; Jones, Theo Simpson: BMNH: 1 [1 - 2] - 19 7/31: Jones, Theo Simpson: BMNH: 1 [1 - 1 - 3].
Hanjama, 1 mi S: 19 4/25: Krebs, John W.: USNM: 1 [1 - 1 - 1].
Kassewa Forest Reserve: Collection Date Unknown: Menzies, J.J.: BMNH: 2 [2 - 2 - 2].
Konia, 5 mi SE: 19 5/16: Krebs, John W.: USNM: 1 [1 - 1 - 1].
Makeni: Collection Date Unknown: ?; Collector Unknown: BMNH: 1 [1]; Allison, F.R.: BMNH: 2 [2 - 3] - 19 2/15: Glanville, R.R.: BMNH: 1 [1 - 1 - 4].
Mongberi: 19 0/17: Jones, Theo Simpson: BMNH: 1 [1 - 1 - 1].
Musaia: Collection Date Unknown: Allison, F.R.: BMNH: 2 [2 - 2] - 19 4/06: Allison, A.: BMNH: 1 [1 - 1] - 19 5/09: Allison, F.R.: BMNH: 1 [1 - 1] - 19 5/18: Allison, F.R.: BMNH: 1 [1 - 1 - 5].
Njala: Collection Date Unknown: Jones, Theo Simpson: BMNH: 2 [2 - 2] - 19 7/14: Jones, Theo Simpson: BMNH: 2 [2 - 2] - 19 7/20: Burtling (or Bunting), R.K. (or R.H.): BMNH: 1 [1 - 1 - 5].
no specific locality: Collection Date Unknown: ?; Collector Unknown: BMNH: 2 [2]; Smith, Canon F.C. (Canon): BMNH: 1 [1 - 3 - 3].
Panguma, 10 mi N: 19 7/07: Krebs, John W.: USNM: 1 [1 - 1 - 1].
Petifu: 19 9/10: Glanville, R.R.: BMNH: 2 [2 - 2 - 2].
Rokup: 19 7/29: Glanville, R.R.: BMNH: 1 [1 - 1 - 1].
Sainya, 5.2 mi W by road: 19 4/30: Robbins, C. Brian and Schmidt, D.F.: USNM: 2 [2 - 2 - 2].
Saltpan, near: Collection Date Unknown: Jones, Theo Simpson: BMNH: 1 [1 - 1 - 1].

Scaries river: Collection Date Unknown: Jones, Theo Simpson: BMNH: 1 [1]; Scott Elliot, G.: BMNH: 2 [2 - 3 - 3].
Segbwemba: 19 4/26: Krebs, John W.: USNM: 2 [2 - 2] - 19 5/04: Krebs, John W.: USNM: 1 [1 - 1 - 3].
Sierra Leone: Collection Date Unknown: Dobson, Dr. A.F.: ZFMK: 1 [1]; Hickman, J.: BMNH: 1 [1]; Jones, Theo Simpson: BMNH: 1 [1 - 3 - 3].
Tasso Island: Collection Date Unknown: ? : Collector Unknown: BMNH: 1 [1]; Lowe, Willoughby P.: BMNH: 1 [1 - 2 - 2].
Waterloo: Collection Date Unknown: Jones, Theo Simpson: BMNH: 2 [2 - 2 - 2].
Yengema: 19 2/15: Krebs, John W.: USNM: 9 [9 - 9 - 9].
Yengewa, 0.5 mi E: 19 6/16: Krebs, John W.: USNM: 1 [1 - 1 - 1].

Total Specimens for Sierra Leone: 76

Somalia

Afgoi: Collection Date Unknown: USNM: 1 [1 - 1] - 19 1/01: ? : Collector Unknown: MZUF: 1 [1 - 1] - 19 8/08: ? : Collector Unknown: MZUF: 1 [1 - 1] - 19 9/01: Sammiceli: MZUF: 1 [1 - 1] - 19 9/20: ? : Collector Unknown: MZUF: 1 [1 - 1 - 5].
Afmadu: Collection Date Unknown: ? : Collector Unknown: MZUF: 2 [2 - 2 - 2].
Barawa: Collection Date Unknown: Hildebrandt, J.M.: ZMB: 1 [1 - 1 - 1].
Bender Cassim: Collection Date Unknown: Scortecci, G.: MSNM: 4 [4 - 4 - 4].
Bulo Burti: 19 0/08: Schlitter, Duane A. (dr.): CM: 1 [1 - 1] - Collection Date Unknown: Schlitter, Duane A. (dr.): CM: 25 [25 - 25 - 26].
Burao: Collection Date Unknown: Berry, G.W.: BMNH: 1 [1 - 1] - 19 6/16: Brockman, D.: BMNH: 1 [1 - 1 - 2].
Callis: Collection Date Unknown: ? : Collector Unknown: MZUF: 3 [3 - 3] - 19 8/20: ? : Collector Unknown: MZUF: 3 [3 - 3 - 6].
Candala: 19 7/21: Scortecci, G.: MSNM: 1 [1 - 1 - 1].
Chisimaio: Collection Date Unknown: Ward, C? (Col.): BMNH: 2 [2 - 2 - 2].
Dowa: Collection Date Unknown: Tribe, A.R.: BMNH: 1 [1 - 1 - 1].
Eggi, 4 km S: 19 8/22: Granchi, E.: MZUF: 1 [1 - 1 - 1].
El Bur: 19 8/13: ? : Collector Unknown: TM: 3 [3 - 3] - 19 8/20: ? : Collector Unknown: TM: 1 [1 - 1 - 4].
El Bur to El Der, road between: 19 8/20: ? : Collector Unknown: TM: 2 [2 - 2 - 2].
El-Bur: Collection Date Unknown: Bovone, E.: MSNM: 1 [1 - 1 - 1].
Galgalo Oase: Collection Date Unknown: Lanza, Benedetto and Puccetti, Maria E. Azzaroli: MZUF: 15 [15 - 15 - 15].
Gelib: 19 9/04: ? : Collector Unknown: MZUF: 1 [1 - 1 - 1].
Genale: 19 1/01: Sammiceli: MZUF: 3 [3 - 3] - 19 9/05: ? : Collector Unknown: MZUF: 1 [1 - 1] - 19 9/06: ? : Collector Unknown: MZUF: 1 [1 - 1 - 5].
Giohar: Collection Date Unknown: ? : Collector Unknown: MZUF: 1 [1 - 1] - 19 4/25: Lanza, Benedetto: MZUF: 1 [1 - 1] - 19 8/03: ? : Collector Unknown: MZUF: 1 [1 - 1] - 19 8/04: Granchi, E.; Lanza, Benedetto and Innoc: MZUF: 1 [1 - 1] - 19 8/04: ? : Collector Unknown: MZUF: 1 [1 - 1] - 19 8/05: ? : Collector Unknown: MZUF: 1 [1 - 1] - 19 8/06: ? : Collector Unknown: MZUF: 2 [2 - 2] - 19 8/25: ? : Collector Unknown: MZUF: 1 [1 - 1] - 19 8/27: ? : Collector Unknown: MZUF: 1 [1 - 1] - 19 9/07: ? : Collector Unknown: MZUF: 2 [2 - 2 - 12].
Hargeisa: Collection Date Unknown: Osman Hill, W.C. and Tribe, A.R.: BMNH: 1 [1 - 1] - 18 1/14: Hawker, R. McDonald: BMNH: 1 [1 - 1] - 19 1/21: MacFayden, W.A.: BMNH: 1 [1 - 1] - 19 4/18: Laurie, J.J.: BMNH: 1 [1 - 1 - 4].
Jamaame: Collection Date Unknown: Schlitter, Duane A. (dr.): CM: 18 [18 - 18 - 18].
Jamaame, 4 km S, 4 km W: 19 3/10: Schlitter, Duane A. (dr.): CM: 1 [1 - 1] - 19 3/11: Schlitter, Duane A. (dr.): CM: 1 [1 - 1] - 19 3/11: Schlitter, Duane A. (dr.): CM: 4 [4 - 4] - 19 3/12: Schlitter, Duane A. (dr.): CM: 3 [3 - 3] - 19 3/12: Schlitter, Duane A. (dr.): CM: 1 [1 - 1] - 19 3/13: Schlitter, Duane A. (dr.): CM: 2 [2 - 2] - 19 3/13: Schlitter, Duane A. (dr.): CM: 1 [1 - 1 - 13].
Jamaame, 5 km S, 7.5 km W: 19 3/14: Schlitter, Duane A. (dr.): CM: 2 [2 - 2 - 2].
Kismaju [=Kismayu]: Collection Date Unknown: von Erlanger: ZMB: 2 [2 - 2 - 2].
Libsoma farm: Collection Date Unknown: Schlitter, Duane A. (dr.): CM: 34 [34 - 34 - 34].
Mijertein province: 19 7/05: Scortecci, G.: MSNM: 1 [1 - 1 - 1].
Mogadischu [=Mogadishu =Moqdisho]: Collection Date Unknown: Müller: ZMB: 48 [48 - 48 - 48].
Mogadiscio: Collection Date Unknown: ? : Collector Unknown: MSNM: 1 [1 - 1 - 1].
no specific locality: Collection Date Unknown: ex Museum München: ZMB: 1 [1]; Müller: ZMB: 4 [4 - 5 - 5].
Ola Uager: 19 8/16: ? : Collector Unknown: MZUF: 1 [1 - 1 - 1].
Ruspoli: Collection Date Unknown: ? : Collector Unknown: BMNH: 1 [1 - 1 - 1].
Shoonto forest: Collection Date Unknown: Varty, N.: BMNH: 1 [1 - 1 - 1].
Snai Sugar Plantation: 19 0/19: Schlitter, Duane A. (dr.): CM: 1 [1 - 1] - 19 0/21: Schlitter, Duane A. (dr.): CM: 2 [2 - 2] - 19 0/22: Schlitter, Duane A. (dr.): CM: 9 [9 - 9] - 19 0/23: Schlitter, Duane A. (dr.): CM: 2 [2 - 2] - 19 0/24: Schlitter, Duane A. (dr.): CM: 4 [4 - 4] - 19 0/25: Schlitter, Duane A. (dr.): CM: 2 [2 - 2] - Collection Date Unknown: Schlitter, Duane A. (dr.): CM: 71 [71 - 71 - 91].
Somalia: Collection Date Unknown: ? : Collector Unknown: MZUF: 1 [1]; Chandler, W.A.: USNM: 1 [1]; Revoil: MNHN: 4 [4 - 6 - 6].
Taleh cave: Collection Date Unknown: ? : Collector Unknown: MZUF: 10 [10 - 10 - 10].
Upper Sheikh: 19 0/10: Drake-Brockman, R.E. (dr.): BMNH: 1 [1 - 1] - Collection Date Unknown: ? : Collector Unknown: BMNH: 1 [1]; Drake-Brockman, R.E. (dr.): BMNH: 1 [1 - 2] - 19 1/11: Drake-Brockman, R.E. (dr.): BMNH: 1 [1 - 1] - 19 1/19: Drake-Brockman, R.E. (dr.): BMNH: 1 [1 - 1] - 19 2/05: Drake-Brockman, R.E. (dr.): BMNH: 1 [1 - 1] - 19 2/17: Drake-Brockman, R.E. (dr.): BMNH: 1 [1 - 1] - 19 2/18: Drake-Brockman, R.E. (dr.): BMNH: 1 [1 - 1] - 19 8/24: Drake-Brockman, R.E. (dr.): BMNH: 1 [1 - 1 - 9].
Villabruzzi [=Villa del dottore Abruzzi]: 19 7/30: ? : Collector Unknown: MZUF: 2 [2 - 2] - 19 8/26: Missione Biologica Somalia: MZUF: 1 [1 - 1 - 3].
Wadajir, 8 km N, 4.5 km E: 19 3/17: Schlitter, Duane A. (dr.): CM: 2 [2 - 2 - 2].
Zeila [=Saylac]: Collection Date Unknown: von Erlanger: ZMB: 2 [2 - 2 - 2].
Zeyla: 19 0/29: Drake-Brockman, R.E. (dr.): BMNH: 1 [1 - 1 - 1].

Total Specimens for Somalia: 346

South Africa

- : 19 0/02: TM: 1 [1 - 1] - 19 0/07: Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: TM: 2 [2] - 19 0/07: Roberts, Austin: NHMZ: 1 [1 - 1] - 19 0/07: ZZZZZ: ZZZZZ: 2] - 19 0/09: Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: TM: 1 [1 - 1] - 19 0/09: de Kock, P.W.: TM: 5 [5 - 5] - 19 0/24: Kearney, R.: MMK: 1 [1 - 1] - 19 0/30: Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel, J.: TM: 1 [1 - 1] - Collection Date Unknown: ? : Collector Unknown: SAMC: 1, SRSITE: 1 [2]; Bell, H.W. and Karley: TM: 1 [1]; Kearney, Teresa Catherine (Dr.): DNSM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2]; Rautenbach, Ignatius L. (Dr.) [=Naas]; Bronner, Gary Neil (Dr.) and Schlitter, Duane A. (Dr.): TM: 1 [1]; Richardson, E.: TM: 1 [1 - 8] - 20 1/06: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1] - 20 1/24: Peinke, Dean M. (Dr.) (Gauteng Nature Conservation): TM: 1 [1 - 1] - 19 2/08: Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel, J.: TM: 4 [4 - 4] - 19 2/09: Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel, J.: TM: 1 [1 - 1] - 19 2/10: Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel, J.: TM: 1 [1 - 1] - 19 4/09: ? : Collector Unknown: TM: 1 [1 - 1] - 19 4/11: ? : Collector Unknown: TM: 6 [6]; HJH: TM: 1 [1 - 7] - 19 5/01: Herbert, H.J.: TM: 1 [1 - 1] - 19 7/04: ? : Collector Unknown: TM: 1 [1 - 1] - 19 7/17: ? : Collector Unknown: TM: 19 [19 - 19] - 20 7/18: Gauteng Nature Conservation: TM: 1 [1 - 1] - 19 8/19: Wolhuter, D.A. and Cassidy, R.J.: TM: 2 [2 - 2] - 19 8/27: Wolhuter, D.A. and Cassidy, R.J.: NHMZ: 1, TM: 2 [3 - 3] - 19 9/08: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): MMK: 1 [1 - 1] - 19 9/19: ? : Collector Unknown: NHMZ: 2 [2 - 2] - 19 9/21: ? : Collector Unknown: NHMZ: 1 [1 - 1 - 67].
- "Cape of Good Hope" [=syn. "Kaaop Goede Hoop"]:** Collection Date Unknown: ? : Collector Unknown: BMNH: 1 [1]; Boncard, A.: MSNG: 1 [1]; Verreaux, J.P.: MNHN: 4 [4 - 6 - 6].
- ???: Collection Date Unknown: Cohen, Lientjie (Mpumalanga Parks Board): TM: 3 [3 - 3 - 3].
- [25]:** 20 2/01: Peinke, Dean M. (Dr.) (Gauteng Nature Conservation): TM: 1 [1 - 1 - 1].
- 27 Arnold Road:** Collection Date Unknown: Harrison, James: TM: 2 [2 - 2 - 2].
- 32 km W Thabazimbi:** 19 7/26: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- 4 km E Musina [=Messina]:** 19 6/30: Visser, John: TM: 1 [1 - 1 - 1].
- 40 km N Polokwane [=Pietersburg], on Louis Trichard Road:** Collection Date Unknown: Branch, Bill: TM: 1 [1 - 1] - 19 6/07: Branch, Bill: TM: 1 [1 - 1] - 19 6/08: Branch, Bill: TM: 6 [6 - 6] - 19 6/17: Branch, Bill: TM: 3 [3 - 3 - 11].
- 40 miles W of War Grave, Molopo River:** Collection Date Unknown: Chivers, U.B.: TM: 1 [1 - 1 - 1].
- 46 km N Polokwane [=Pietersberg], on Louis Trichard Road:** 19 0/15: Branch, W.R.: TM: 1 [1 - 1 - 1].
- 5 km N Potgietersrus:** Collection Date Unknown: ? : Collector Unknown: TM: 2 [2 - 2 - 2].
- Acornhoek:** 19 6/19: Herbert, H.J.: TM: 1 [1 - 1 - 1].
- Addington:** Collection Date Unknown: ? : Collector Unknown: DNSM: 1 [1 - 1 - 1].
- Agriculture station:** 19 8/29: ? : Collector Unknown: NMB: 1 [1 - 1 - 1].
- Albany district:** Collection Date Unknown: Albany Museum, donated: SAMC: 1 [1 - 1] - 19 8/24: Albany Museum, donated: SAMC: 1 [1 - 1] - 18 9/28: ? : Collector Unknown: SAMC: 1 [1 - 1 - 3].
- Albert Falls Nature Reserve:** Collection Date Unknown: Craigie, John: DNSM: 1 [1 - 1 - 1].
- Albert Falls Nature Reserve, Chalet 1:** Collection Date Unknown: Taylor, Peter John (Dr.) and Rahman: DNSM: 1 [1 - 1 - 1].
- Albert Falls Public Resort:** 19 2/18: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Alice:** 19 2/17: Hanchuan: KM: 1 [1 - 1] - 19 2/19: Hendunan: KM: 1 [1 - 1 - 2].
- Aliwal North:** 19 0/02: ? : Collector Unknown: NMB: 3 [3 - 3] - 19 9/12: ? : Collector Unknown: NMB: 4 [4 - 4 - 7].
- Alma:** Collection Date Unknown: ? : Collector Unknown: TM: 2 [2 - 2 - 2].
- Anthrax camp:** 19 0/24: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3] - Collection Date Unknown: ? : Collector Unknown: TM: 6 [6 - 6] - 19 1/03: ? : Collector Unknown: TM: 1 [1 - 1] - 19 1/27: ? : Collector Unknown: TM: 1 [1 - 1] - 19 1/29: ? : Collector Unknown: TM: 1 [1 - 1] - 19 1/30: ? : Collector Unknown: TM: 4 [4]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 7 [7 - 11] - 19 1/31: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4 - 4] - 19 2/06: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3] - 19 2/07: ? : Collector Unknown: TM: 2 [2 - 2] - 19 2/08: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - 19 2/28: ? : Collector Unknown: TM: 9 [9]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 23 [23 - 32] - 19 2/29: ? : Collector Unknown: TM: 5 [5]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 8] - 19 3/31: ? : Collector Unknown: TM: 12 [12]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 15] - 19 4/04: ? : Collector Unknown: TM: 2 [2 - 2] - 19 6/01: ? : Collector Unknown: TM: 2 [2 - 2] - 19 6/25: Wolhuter, D.A. and Coetzer, D.J.: TM: 3 [3 - 3] - 19 8/28: ? : Collector Unknown: TM: 5 [5 - 5] - 19 9/30: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 102].
- Ashburton farm:** 19 5/18: Wingate, Lloyd R.: TM: 1 [1 - 1 - 1].
- Augrabies Falls National Park:** Collection Date Unknown: ? : Collector Unknown: MMK: 1 [1 - 1] - 19 1/27: Rautenbach, Ignatius L. (Dr.) [=Naas] and L.J.L.: TM: 1 [1 - 1] - 19 5/08: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 1 [1 - 1] - 19 9/08: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 1 [1 - 1 - 4].
- Augrabies Falls National Park, causway:** Collection Date Unknown: ? : Collector Unknown: MMK: 1 [1 - 1 - 1].
- Augrabies Waterfall Natational Park:** 19 1/29: ? : Collector Unknown: TM: 2 [2 - 2 - 2].
- Baberton:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1 - 1] - 19 2/08: ? : Collector Unknown: TM: 5 [5 - 5] - 19 2/11: ? : Collector Unknown: TM: 1 [1 - 1] - 19 2/12: ? : Collector Unknown: TM: 2 [2 - 2] - 19 2/13: ? : Collector Unknown: TM: 1 [1 - 1] - 19 3/19: ? : Collector Unknown: TM: 3 [3 - 3] - 19 3/20: ? : Collector Unknown: TM: 2 [2 - 2] - 19 3/23: ? : Collector Unknown: TM: 2 [2 - 2] - 19 5/08: ? : Collector Unknown: TM: 1 [1 - 1] - 19 6/03: ? : Collector Unknown: TM: 1 [1 - 1] - 19 7/06: ? : Collector Unknown: TM: 5 [5 - 5] - 19 7/30: ? : Collector Unknown: TM: 15 [15 - 15 - 39].
- Badplaas:** Collection Date Unknown: Kearney, Teresa Catherine (Dr.): DNSM: 2 [2 - 2 - 2].
- Balule Private Nature Reserve, Oliphants River:** 20 6/20: Barlow C: TM: 1 [1 - 1] - 20 8/16: Fernsby, Nigel: TM: 1 [1 - 1 - 1].
- Bangu gorge caves:** 19 3/06: ? : Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 3 - 3].
- Barberspan Provincial Nature Reserve:** 19 2/11: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 6 [6 - 6] - 19 2/12: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2 - 8].
- Barberton [=Umlumna]:** 19 0/18: van Dam, G.P.: TM: 1 [1 - 1] - 19 2/08: Ginn, P.J.: TM: 2 [2 - 2 - 3].
- Barberton, 14 km NW:** Collection Date Unknown: Liversedge, S.J.: USNM: 2 [2]; Robbins, Lynn W.: CM: 1 [1 - 1 - 3] - 19 1/21: Robbins, Lynn W.: CM: 3 [3 - 3] - 19 1/22: Robbins, Lynn W.: CM: 1 [1 - 1 - 7].
- Barberton, Municipal Camping Site:** Collection Date Unknown: Bronner, Gary Neil (dr.) et al: TM: 1 [1 - 1 - 1].
- Barkly East:** 19 1/13: ? : Collector Unknown: NMB: 1 [1 - 1] - 19 3/14: ? : Collector Unknown: NMB: 3 [3 - 3] - 19 4/18: ? : Collector Unknown: NMB: 1 [1 - 1 - 5].
- Bassutoland:** Collection Date Unknown: Christol: MNHN: 1 [1 - 1 - 1].
- Battelary:** 19 1/25: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

- Baviaanspoort Sewage Works:** 19 0/21: ? : Collector Unknown: TM: 2 [2 - 2 - 2].
- Belfast Town:** 19 1/17: ? : Collector Unknown: NMB: 1 [1 - 1 - 1].
- Bellsbank Estates:** 19 6/14: ? : Collector Unknown: TM: 13 [13 - 13 - 13].
- Belvedere:** Collection Date Unknown: ? : Collector Unknown: NRM: 1 [1 - 1 - 1].
- Benghensdorp:** Collection Date Unknown: Roberts, Austin: TM: 1 [1 - 1 - 1].
- Berg River:** 19 1/21: ? : Collector Unknown: TM: 4 [4 - 4 - 4].
- Bergplaas:** Collection Date Unknown: Palmer, Guy (Cape Nat. Cons.): SAMC: 1 [1 - 1 - 1].
- Berlin:** 20 5/06: Cohen, Lientjie (Mpumalanga Parks Board): TM: 2 [2 - 2 - 2].
- Bethlehem:** 19 1/27: ? : Collector Unknown: NMB: 7 [7 - 7] - 19 3/10: ? : Collector Unknown: NMB: 3 [3 - 3] - 19 9/05: ? : Collector Unknown: NMB: 1 [1 - 1] - 19 9/06: ? : Collector Unknown: NMB: 1 [1 - 1 - 12].
- Bethulie:** 19 2/09: ? : Collector Unknown: NMB: 4 [4 - 4 - 4].
- Birchleig:** Collection Date Unknown: Coetzee, C.G.: TM: 2 [2 - 2 - 2].
- Birthday Goldmine:** 19 5/03: Streeter, J.: TM: 1 [1 - 1 - 1].
- Bishopstowe cave:** Collection Date Unknown: Meester, J.: TM: 2 [2 - 2] - 19 3/17: ? : Collector Unknown: TM: 4 [4]; Meester, J.: TM: 5 [5]; Meester, J.A.J. "Waldo": TM: 1 [1 - 10] - 19 3/17: Meester, J.A.J. "Waldo": TM: 1 [1 - 1 - 13].
- Blaney Nature Reserve:** Collection Date Unknown: ? : Collector Unknown: BMNH: 1 [1 - 1 - 1].
- Bleskop:** 19 2/02: van Dam, G.P.: TM: 1 [1 - 1 - 1].
- Blijdschap PNR:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].
- Bloemfontein:** 19 0/08: ? : Collector Unknown: NMB: 1 [1 - 1] - 19 0/27: ? : Collector Unknown: NMB: 31 [31 - 31] - 19 1/07: ? : Collector Unknown: NMB: 1 [1 - 1] - 19 1/15: ? : Collector Unknown: NMB: 1 [1 - 1] - 19 1/26: ? : Collector Unknown: NMB: 1 [1 - 1] - 19 2/08: ? : Collector Unknown: NMB: 1 [1 - 1] - 19 2/10: ? : Collector Unknown: NMB: 3 [3 - 3] - 19 4/13: ? : Collector Unknown: NMB: 1 [1 - 1] - 19 4/26: ? : Collector Unknown: NMB: 1 [1 - 1] - 19 5/26: ? : Collector Unknown: NMB: 1 [1 - 1] - 19 6/26: ? : Collector Unknown: NMB: 1 [1 - 1] - 19 9/06: ? : Collector Unknown: NMB: 3 [3 - 3] - 19 9/10: ? : Collector Unknown: NMB: 1 [1 - 1] - 19 9/15: ? : Collector Unknown: NMB: 1 [1 - 1] - 19 9/20: ? : Collector Unknown: NMB: 1 [1 - 1 - 49].
- Blurweberg cave:** 19 2/15: Copley, R.B.: TM: 2 [2 - 2] - 19 2/17: Copley, R.B.: TM: 3 [3 - 3 - 5].
- Blyde River Canyon [=Blyderivier, Blyderivierspoort] Nature Reserve:** Collection Date Unknown: van der Merwe, J.: TM: 1 [1 - 1] - 19 2/16: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 2].
- Blyde River Canyon [=Blyderivier, Blyderivierspoort] Nature Reserve:** Collection Date Unknown: van der Merwe, J.: TM: 1 [1 - 1 - 1].
- Blyde River Canyon [=Blyderivier, Blyderivierspoort] Nature Reserve, Farm Bourkes Luck 454 [=Bourkes Luck Potholes]:** Collection Date Unknown: Bronner, Gary Neil (dr.) and van der Merwe, J.: TM: 3 [3]; Marais, Hannes: TM: 1 [1]; van der Merwe, J.: TM: 4 [4]; van der Merwe, J. and Bronner, Gary Neil (dr.): TM: 4 [4 - 12 - 12].
- Blyde River Canyon [=Blyderivier, Blyderivierspoort] Nature Reserve, Farm Chester 235, dam on Blyde River:** Collection Date Unknown: van der Merwe, J.: TM: 1 [1 - 1 - 1].
- Blyderivierspoort Nature Reserve, Bourkes Luck:** Collection Date Unknown: ? : Collector Unknown: TM: 2 [2 - 2] - 19 1/09: ? : Collector Unknown: TM: 1 [1 - 1 - 3].
- Bobomene Research Camp:** 19 0/22: ? : Collector Unknown: TM: 1 [1 - 1] - 19 1/19: ? : Collector Unknown: TM: 1 [1 - 1] - 19 1/22: ? : Collector Unknown: TM: 1 [1 - 1 - 3].
- Bobomeni research camp [=Bobomene]:** 19 0/22: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4 - 4] - 19 2/08: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 7 [7 - 7] - 19 3/03: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 12].
- Boksburg [midtown]:** 19 9/22: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].
- Bonamanzi Game Reserve:** Collection Date Unknown: ? : Collector Unknown: DNSM: 2 [2]; Kearney, Teresa Catherine (Dr.): DNSM: 2 [2]; Taylor, Peter John (Dr.); Kearney, Teresa Catherine (Dr.) and Mari: DNSM: 11 [11 - 15 - 15].
- Bordeaux Farm:** 19 4/08: Uys, P.J.: TM: 1 [1 - 1 - 1].
- Boshof:** 19 0/01: ? : Collector Unknown: NMB: 19 [19 - 19] - 19 0/21: ? : Collector Unknown: NMB: 1 [1 - 1] - 19 5/23: ? : Collector Unknown: NMB: 1 [1 - 1 - 21].
- Boshof [Hertzogville]:** 19 3/09: ? : Collector Unknown: NMB: 2 [2 - 2] - 19 3/10: ? : Collector Unknown: NMB: 1 [1 - 1 - 3].
- Boskop Dam Nature Reserve:** Collection Date Unknown: TPA Nature Conservation: TM: 2 [2 - 2 - 2].
- Botha's Hill, Rob Roy Hotel:** 19 4/21: Bronner, Gary Neil (dr.): TM: 4 [4 - 4 - 4].
- Bothaville:** Collection Date Unknown: Roberts, A.: TM: 1 [1 - 1 - 1].
- Botshabelo:** Collection Date Unknown: Merenski: ZMB: 1 [1 - 1 - 1].
- Brakkloof:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Brandfort:** Collection Date Unknown: ? : Collector Unknown: TM: 5 [5]; vd. Linde, J.A.: TM: 1 [1 - 6] - 19 5/05: ? : Collector Unknown: NMB: 1 [1 - 1 - 7].
- Bredasdorp:** Collection Date Unknown: Rau, R.: SMF: 3 [3 - 3 - 3].
- Bredasdorp, "Onmeetbare" cave:** 19 7/07: Rau, R.: SMF: 4 [4 - 4 - 4].
- Bredill:** Collection Date Unknown: Kubierke, H.: TM: 1 [1 - 1 - 1].
- bridge at Kruger Gate:** 19 0/24: ? : Collector Unknown: TM: 15 [15 - 15] - 19 1/17: ? : Collector Unknown: TM: 14 [14 - 14] - 19 2/14: ? : Collector Unknown: TM: 13 [13 - 13] - 19 2/29: ? : Collector Unknown: TM: 12 [12 - 12] - 19 3/25: ? : Collector Unknown: TM: 12 [12 - 12] - 19 4/27: ? : Collector Unknown: TM: 15 [15 - 15] - 19 5/27: ? : Collector Unknown: TM: 8 [8]; Braack, Leo: TM: 1 [1 - 9] - 19 6/01: ? : Collector Unknown: TM: 3 [3 - 3] - 19 8/21: ? : Collector Unknown: TM: 7 [7 - 7] - 19 8/30: ? : Collector Unknown: TM: 6 [6 - 6] - 19 9/25: ? : Collector Unknown: TM: 8 [8 - 8 - 114].
- Brits:** 19 4/18: Jacobsen, N.: TM: 1 [1 - 1 - 1].
- Bronkhorstspuit:** Collection Date Unknown: Naude, J.J.C.: TM: 1 [1 - 1 - 1].
- Bronkhorstspuit Dam Nature Reserve:** Collection Date Unknown: West, Sean D. (GNC): TM: 1 [1 - 1 - 1].
- Brooklyn:** 19 1/07: ? : Collector Unknown: TM: 1 [1 - 1] - 19 2/11: ? : Collector Unknown: TM: 2 [2 - 2] - 19 2/22: ? : Collector Unknown: TM: 1 [1 - 1] - 19 3/12: ? : Collector Unknown: TM: 1 [1 - 1] - 19 3/15: ? : Collector Unknown: TM: 1 [1 - 1] - 19 4/08: Roberts, V.H.A.: CM: 1 [1 - 1] - 19 9/30: Roberts, Austin: TM: 2 [2 - 2 - 9].
- Bryanston, 883 Lowndes Road:** Collection Date Unknown: Terlingen, Robert: TM: 1 [1 - 1 - 1].
- Bube pan:** 19 8/10: Taylor, Peter John (Dr.) et al.: DNSM: 7 [7 - 7] - 19 8/11: Taylor, Peter John (Dr.) et al.: DNSM: 2 [2 - 2] - 19 8/12: Taylor, Peter John (Dr.) et al.: DNSM: 4 [4 - 4] - 19 9/24: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 26 [26 - 26] - 19 9/25: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 14 [14 - 14 - 53].
- Buffalo mine:** 19 6/09: Roberts, Austin: TM: 1 [1 - 1 - 1].
- Buffelsdraai:** 19 3/26: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Buffelskloof Private Nature Reserve:** Collection Date Unknown: Burrows, John; Cohen, L. and Fernsby, Nigel: TM: 1 [1 - 1 - 1].

- 1).**
Bultfontein: 19 5/19: ? : Collector Unknown: NMB: 6 [6 - 6 - 6].
Burgers Park: Collection Date Unknown: Coetzee, C.G.: TM: 2 [2 - 2] - 19 2/29: ? : Collector Unknown: TM: 1 [1 - 1 - 3].
Burgersdorp: Collection Date Unknown: Roberts, Austin: TM: 1 [1 - 1 - 1].
Burman Bush, North Ridge Road: Collection Date Unknown: Greaves and Richardson: DNSM: 1 [1 - 1 - 1].
Buxton Mine: 19 2/23: ? : Collector Unknown: TM: 2 [2 - 2] - 19 6/16: ? : Collector Unknown: TM: 4 [4 - 4 - 6].
Caffraria: Collection Date Unknown: Degrolle: ZMB: 1 [1 - 1 - 1].
Cape Division: Collection Date Unknown: Frere, Bartle (Sir): SAMC: 1 [1]; Mann, W.F.: SAMC: 1 [1 - 2 - 2].
Cape of Good Hope: Collection Date Unknown: Bergius: ZMB: 1 [1]; Ecklon: ZMB: 1 [1]; ex Museum Leiden: ZMB: 1 [1]; Gerrard: ZMB: 1 [1]; Juritz / Museum München: ZMB: 1 [1]; Krebs: ZMB: 2 [2]; Mundt: ZMB: 1 [1]; Mundt and Maire: ZMB: 1 [1 - 9 - 9].
Cape Town: Collection Date Unknown: Layard, E.L.: MCZ: 1 [1 - 1 - 1].
Cape Town, 200 mi [=322 km] E: Collection Date Unknown: ? : Collector Unknown: BMNH: 2 [2 - 2 - 2].
Cape Vidal: Collection Date Unknown: ? : Collector Unknown: DNSM: 1 [1]; Uys, K.: DNSM: 2 [2 - 3] - 19 8/09: ? : Collector Unknown: TM: 1 [1 - 1] - 19 9/28: ? : Collector Unknown: TM: 1 [1 - 1] - 19 9/29: ? : Collector Unknown: TM: 14 [14 - 14 - 19].
Cathcart: 19 1/16: Visser, John: AMNH: 1 [1 - 1 - 1].
Cato Ridge, 3 km NE: 19 8/25: Smith, S.A.: TM: 1 [1 - 1 - 1].
Cave of Death: 19 2/09: ? : Collector Unknown: TM: 1 [1]; Copley, R.B.: TM: 1 [1 - 2 - 2].
Cederberg, Algeria State Forest: 19 2/01: Schlitter, Duane A. (dr.): CM: 1 [1 - 1] - 19 2/02: Schlitter, Duane A. (dr.): CM: 2 [2 - 2] - 19 2/03: Schlitter, Duane A. (dr.): CM: 2 [2 - 2] - 19 2/05: Bronner, Gary Neil (dr.) and Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 6].
Cederberg, Algeria State Forest, campsite: Collection Date Unknown: ? : Collector Unknown: SAMC: 5, TM: 2 [7]; Kearney, Teresa Catherine (Dr.) and Seamark, Ernest Charles James: SAMC: 2 [2]; Wolhuter, D.A. and Cassidy, R.J.: TM: 3 [3 - 12] - 19 2/01: Rautenbach, Ignatius L. (Dr.) [=Naas]; Bronner, Gary Neil (Dr.) and Schlitter, Duane A. (Dr.): TM: 4 [4 - 4] - 19 2/02: Rautenbach, Ignatius L. (Dr.) [=Naas]; Bronner, Gary Neil (Dr.) and Schlitter, Duane A. (Dr.): TM: 7 [7 - 7] - 19 2/05: Bronner, Gary Neil (dr.): TM: 1 [1]; Bronner, Gary Neil (dr.) and Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 2] - 19 2/08: Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel, J.: TM: 6 [6 - 6] - 19 2/09: ? : Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel, J.: TM: 2 [2 - 3] - 19 2/10: Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel, J.: TM: 5 [5 - 5] - 19 2/11: Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel, J.: TM: 2 [2 - 2] - 19 3/04: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 9 [9 - 9] - 19 3/06: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4 - 4] - 19 3/07: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 8 [8 - 8] - 19 8/09: Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel, J.: TM: 1 [1 - 1] - 19 8/19: Wolhuter, D.A. and Cassidy, R.J.: TM: 1 [1 - 1] - 19 8/22: Wolhuter, D.A. and Cassidy, R.J.: TM: 1 [1 - 1] - 19 8/23: Wolhuter, D.A. and Cassidy, R.J.: TM: 2 [2 - 2] - 19 8/24: Wolhuter, D.A. and Cassidy, R.J.: TM: 4 [4 - 4] - 19 8/25: Wolhuter, D.A. and Cassidy, R.J.: TM: 1 [1 - 1] - 19 8/26: Wolhuter, D.A. and Cassidy, R.J.: TM: 3 [3 - 3] - 19 8/27: Wolhuter, D.A. and Cassidy, R.J.: TM: 8 [8 - 8] - 19 8/28: Wolhuter, D.A. and Cassidy, R.J.: TM: 2 [2 - 2 - 85].
Cederberg, Pakhuis Pass, Kliphuis camp site: Collection Date Unknown: ? : Collector Unknown: SAMC: 2 [2 - 2] - 20 2/05: Seamark, Ernest Charles James: TM: 7 [7 - 7 - 9].
Ceres, near: Collection Date Unknown: Roberts, Austin and Adendorff: TM: 1 [1 - 1 - 1].
Chambaire Nursery: Collection Date Unknown: Bronner, Gary Neil (dr.) et al: TM: 2 [2 - 2 - 2].
Charter's Creek: 19 2/18: ? : Collector Unknown: TM: 1 [1 - 1] - 19 4/01: ? : Collector Unknown: TM: 1 [1 - 1] - 19 4/14: ? : Collector Unknown: TM: 2 [2 - 2] - 19 9/15: ? : Collector Unknown: TM: 2 [2 - 2 - 6].
Chartwell: 20 6/12: Horwood Keith, Fernsby Nigel: TM: 1 [1 - 1 - 1].
Chase Valley: 19 8/27: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
Christian Brothers College: Collection Date Unknown: Berry, V.: TM: 1 [1 - 1 - 1].
Cinnabar mine: 19 6/07: Roberts, Austin: TM: 5 [5 - 5 - 5].
Clarens: 19 0/24: Kearney, R.: DNSM: 1 [1 - 1 - 1].
Clocolan [Excelsior]: 19 2/06: ? : Collector Unknown: NMB: 12 [12 - 12 - 12].
Compagnies Drift: 19 1/20: Shortridge, Guy C. (Capt.): HZM: 1 [1 - 1 - 1].
Cowies Hill: Collection Date Unknown: ? : Collector Unknown: DNSM: 1 [1 - 1 - 1].
Cowies Hill Park: Collection Date Unknown: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1 - 1].
Cradock, 25 km SE: 19 2/12: Robbins, Lynn W.: CM: 1 [1 - 1] - 19 2/14: Robbins, Lynn W.: CM: 3 [3 - 3 - 4].
Cradock, 40 km NW: 19 2/14: Robbins, Lynn W.: CM: 6 [6 - 6 - 6].
Craigadam: Collection Date Unknown: Porter, R.N.: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel: TM: 5 [5 - 6] - 19 2/03: Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel: TM: 15 [15 - 15] - 19 2/03: Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel: TM: 1 [1 - 1] - 19 2/06: Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel: TM: 12 [12 - 12] - 19 2/07: Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel, J.: TM: 1 [1 - 1 - 35].
Crocodile Bridge Rest Camp: 19 7/05: ? : Collector Unknown: TM: 12 [12 - 12 - 12].
Crocodile River: Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2 - 2].
Cullinan: 19 1/13: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
Culling camp: Collection Date Unknown: ? : Collector Unknown: TM: 4 [4]; Wolhuter, D.A.: TM: 1 [1]; Wolhuter, D.A. et al.: TM: 1 [1 - 6] - 19 2/02: ? : Collector Unknown: TM: 9 [9]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 8] - 19 2/02: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1] - 19 2/02: Rautenbach, Ignatius L. (Dr.) [=Naas]: ZZZZZ: 8] - 19 2/02: ZZZZZ: ZZZZZ: 1] - 19 2/02: ZZZZZ: ZZZZZ: 17] - 19 2/28: ? : Collector Unknown: TM: 11 [11]; Wolhuter, D.A. et al.: TM: 10 [10 - 21] - 19 4/13: ? : Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 4] - 19 8/30: ? : Collector Unknown: TM: 2 [2 - 2 - 51].
Danielskuil: Collection Date Unknown: ? : Collector Unknown: MMK: 2 [2 - 2 - 2].
Dankbaar: 19 2/08: Erasmus, B.H.: MMK: 1 [1 - 1 - 1].
Daspoort: 19 2/21: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
De Hoek: Collection Date Unknown: Palmer, Guy (Cape Nat. Cons.): SAMC: 1 [1 - 1 - 1].
De Hoek Forest Station: Collection Date Unknown: Bronner, Gary Neil (dr.): TM: 2 [2 - 2] - 19 5/03: ? : Collector Unknown: TM: 1 [1 - 1 - 3].
De Hoek, Skeleton Cave: Collection Date Unknown: ? : Collector Unknown: TM: 6 [6 - 6 - 6].
De Hoop Nature Reserve, De Hoop Guano Cave: 19 1/25: ? : Collector Unknown: TM: 3 [3]; Erasmus, B.H.: TM: 10 [10 - 13 - 13].

- De Hoop Private Nature Reserve:** 19 2/16: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 11 [11 - 11 - 11].
- De Hoop Provincial Nature Reserve:** 19 1/01: ? : Collector Unknown: TM: 13 [13]; Herselmann, J.: TM: 12 [12 - 25 - 25].
- Derdepoort:** Collection Date Unknown: du Preez, J.: TM: 2 [2 - 2] - 19 3/09: du Preez, J.: TM: 1 [1 - 1 - 3].
- Dewetsdorp:** 19 9/13: ? : Collector Unknown: NMB: 1 [1 - 1] - 19 9/14: ? : Collector Unknown: NMB: 1 [1 - 1] - 19 9/16: ? : Collector Unknown: NMB: 1 [1 - 1 - 3].
- Diepwallie State Forest:** 19 4/28: Dippenaar, N.J. (dr.) and Wolhuter, D.A.: TM: 4 [4 - 4 - 4].
- Dlinza Forest:** Collection Date Unknown: Kearney, Teresa Catherine (Dr.): DNSM: 7 [7]; Seemark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): DNSM: 3 [3 - 10 - 10].
- Dlinza Forest, servitude into forest:** Collection Date Unknown: Kearney, Teresa Catherine (Dr.): DNSM: 4 [4 - 4 - 4].
- D'Nyala Provincial Nature Reserve:** Collection Date Unknown: de Beer, T. (Transvaal Provincial Administration): TM: 3 [3]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 6] - 19 5/03: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 5/04: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 5] - 19 5/08: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 13].
- Dongolakop:** Collection Date Unknown: Pole Evans, I.B. (Dr.): TM: 1 [1 - 1] - 19 7/02: Pole Evans, G.E. (Dr.): TM: 1 [1]; Pole Evans, I.B. (Dr.): TM: 1 [1 - 2] - 19 7/30: Pole Evans, I.B. (Dr.): TM: 1 [1 - 1 - 4].
- Doonside:** Collection Date Unknown: Brummer, V.: DNSM: 1 [1 - 1 - 1].
- Doorndraai Dam Nature Reserve:** Collection Date Unknown: West, Sean D.: TM: 1 [1]; West, Sean D. (TPA): TM: 2 [2 - 3] - 19 2/23: ? : Collector Unknown: TM: 1 [1 - 1] - 19 2/24: ? : Collector Unknown: TM: 1 [1 - 1 - 5].
- Doornhoek:** 19 4/12: ? : Collector Unknown: TM: 3 [3 - 3 - 3].
- Doornhoek mine:** 19 9/10: Wolhuter, D.A. and Cassidy, R.J.: TM: 7 [7 - 7 - 7].
- Doornkraal Camp Site:** Collection Date Unknown: RSVS: DNSM: 1 [1]; Rushworth, I.: DNSM: 1 [1]; Salewski, V. and Ueberschaer, K.: DNSM: 1 [1]; Schlitter, Duane A. (dr.): DNSM: 2 [2]; Schmutter, H. and Kock, D.: DNSM: 1 [1]; Schoeman, Corrie et al.: DNSM: 1 [1]; Seemark, Ernest Charles James: DNSM: 3 [3 - 10 - 10].
- Doornkraal campsite:** Collection Date Unknown: Kearney, Teresa Catherine (Dr.): DNSM: 5 [5 - 5] - 19 2/09: Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel: TM: 3 [3]; Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel, J.: TM: 1 [1 - 4] - 19 2/14: Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel: TM: 2 [2 - 2 - 11].
- Dordrecht:** 19 2/04: ? : Collector Unknown: NMB: 3 [3 - 3] - 19 3/13: ? : Collector Unknown: NMB: 3 [3 - 3 - 6].
- Drakensig, 5 Lark Crescent:** 20 0/18: Pienaar, Anton and Fernsby Nigel: TM: 2 [2 - 2 - 2].
- Dugundhlovu camp site:** Collection Date Unknown: McLean, S. (Natal Parks Board): TM: 1 [1 - 1 - 1].
- Duivelskloof:** 19 1/02: Ashley Maberly: TM: 1 [1 - 1 - 1].
- Dukuduku Forest:** Collection Date Unknown: ? : Collector Unknown: TM: 2 [2]; Bronner, Gary Neil (dr.) et al: TM: 2 [2 - 4] - 19 3/10: ? : Collector Unknown: TM: 3 [3 - 3] - 19 6/10: ? : Collector Unknown: TM: 1 [1 - 1 - 8].
- Dukuduku Forest Station:** 19 0/02: ? : Collector Unknown: TM: 2 [2 - 2] - 19 0/03: ? : Collector Unknown: TM: 3 [3 - 3] - 19 0/05: ? : Collector Unknown: TM: 4 [4 - 4] - 19 0/06: ? : Collector Unknown: TM: 5 [5 - 5] - 19 0/08: ? : Collector Unknown: TM: 2 [2 - 2 - 16].
- Dullstroom Town:** Collection Date Unknown: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1] - 20 2/10: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 2].
- Dumisa gold mine:** Collection Date Unknown: Wolhuter, D.A.: TM: 2 [2 - 2] - 19 1/07: ? : Collector Unknown: TM: 1 [1 - 1] - 19 1/29: Wolhuter, D.A.: TM: 1 [1 - 1] - 19 2/07: ? : Collector Unknown: TM: 1 [1 - 1] - 19 3/29: ? : Collector Unknown: TM: 2 [2 - 2] - 19 5/06: ? : Collector Unknown: TM: 2 [2 - 2] - 19 5/30: Wolhuter, D.A.: TM: 1 [1 - 1] - 19 9/14: ? : Collector Unknown: TM: 14 [14]; Cassidy, R.J. and Wolhuter, D.A.: TM: 4 [4]; Wolhuter, D.A.: TM: 1 [1]; Wolhuter, D.A. and Cassidy, R.J.: TM: 20 [20 - 39 - 49].
- Durban:** Collection Date Unknown: ? : Collector Unknown: BMNH: 2, DNSM: 9 [11]; Bell, H.W. and Karley: TM: 1 [1]; Hahn, W.L.: ZMB: 1 [1]; Kearney, Teresa Catherine (Dr.): DNSM: 1 [1]; Taylor, Peter John (Dr.): DNSM: 1 [1]; Wahlberg, J. (Stockholm Museum): BMNH: 1 [1 - 16] - 19 1/14: ? : Collector Unknown: TM: 1 [1 - 1] - 19 7/25: de Selys-Longschamps: KBIN: 1 [1 - 1 - 18].
- Durban North:** Collection Date Unknown: ? : Collector Unknown: DNSM: 1 [1]; Hogan, L.: DNSM: 1 [1 - 2 - 2].
- Durban North, 8 Portland Crescent:** Collection Date Unknown: Anderson, P.: DNSM: 1 [1 - 1 - 1].
- Durban, 108 Bowen Avenue:** Collection Date Unknown: ? : Collector Unknown: DNSM: 1 [1 - 1 - 1].
- Durban, 183 Sarnia Road:** Collection Date Unknown: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1 - 1].
- Durban, 21 King George Avenue:** Collection Date Unknown: Smart, C.: DNSM: 1 [1 - 1 - 1].
- Durban, 50 km S:** Collection Date Unknown: Cowles, R.B.: AMNH: 1 [1 - 1 - 1].
- Durban, University Campus:** Collection Date Unknown: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1 - 1].
- Durban, University Campus, Chemistry Dept.:** Collection Date Unknown: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1 - 1].
- Durban, University of Natal campus:** Collection Date Unknown: Richardson, E.J.: DNSM: 1 [1 - 1 - 1].
- Durban, Walnut/Commercial Rd:** Collection Date Unknown: Seemark, Ernest Charles James: DNSM: 1 [1 - 1 - 1].
- Duwelskloof:** Collection Date Unknown: Maberly, C.J. Ashley: TM: 1 [1 - 1 - 1].
- Dzundwini:** 19 5/17: ? : Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 2 - 2].
- East London:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Edenburg:** 19 2/11: ? : Collector Unknown: NMB: 3 [3 - 3] - 19 2/12: ? : Collector Unknown: NMB: 2 [2 - 2 - 5].
- Elim hospital:** Collection Date Unknown: Stuart, C.T.: TM: 1 [1 - 1] - 19 1/04: ? : Collector Unknown: TM: 1 [1 - 1] - 19 9/04: Stuart, C.T.: TM: 1 [1 - 1 - 3].
- Elliot:** 19 1/11: ? : Collector Unknown: NMB: 1 [1 - 1] - 19 6/13: ? : Collector Unknown: NMB: 2 [2 - 2 - 3].
- Empisini Nature Reserve:** Collection Date Unknown: Kearney, Teresa Catherine (Dr.): DNSM: 3 [3]; Schoeman, Corrie: DNSM: 1 [1]; Scholtz, C.: DNSM: 1 [1]; Seemark, Ernest Charles James: DNSM: 4 [4 - 9 - 9].
- Emseleni:** 19 1/28: ? : Collector Unknown: TM: 3 [3 - 3 - 3].
- Entabeni State Forest:** 19 2/28: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Epping Crescent:** Collection Date Unknown: ? : Collector Unknown: DNSM: 1 [1 - 1 - 1].
- Erfplaas windmill:** 19 0/28: ? : Collector Unknown: TM: 5 [5]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 11 [11 - 16 - 16].
- Escombe:** 19 4/13: ? : Collector Unknown: DNSM: 1 [1 - 1 - 1].
- Eshowe:** 19 0/18: de Meillan, B (Dr.) (Res. Officer): TM: 1 [1 - 1] - Collection Date Unknown: Chivers, C.B.: TM: 1 [1 - 1] - 19 1/15: de Meillan, B (Dr.) (Res. Officer): TM: 1 [1 - 1] - 19 2/07: ? : Collector Unknown: TM: 1 [1 - 1] - 19 2/11: de Meillan, B (Dr.) (Res. Officer): TM: 1 [1 - 1] - 19 2/15: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 1 [1 - 1] - 19 2/18: de Meillan, B (Dr.) (Res. Officer): TM: 1 [1 - 1] - 19 5/11: ? : Collector Unknown: TM: 1 [1 - 1] - 19 5/11: ? : Collector Unknown: TM: 1 [1 - 1 - 9].

- Eshowe, 4 Leigh Road:** Collection Date Unknown: Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1 - 1].
- Eshowe, 8 Residency Road:** Collection Date Unknown: Taylor, Peter John (Dr.) and Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1 - 1].
- Esperanza [=Beneva] Tunnel:** Collection Date Unknown: Grant, C.H.B. (Rudd Expedition): DNSM: 1 [1]; Rosevear, D.R. (dr.): DNSM: 1 [1]; Rushworth, I.: DNSM: 1 [1]; SAS: DNSM: 1 [1]; Seamark, Ernest Charles James: DNSM: 1 [1 - 5 - 5].
- Excelcior:** Collection Date Unknown: Hopper, L. (dr.): HZM: 2 [2 - 2 - 2].
- Fairview mine:** Collection Date Unknown: Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1 - 1].
- False Bay Park:** Collection Date Unknown: ?: Collector Unknown: DNSM: 1 [1 - 1 - 1].
- False Bay, Lister Point:** 19 2/25: Porter, I.: TM: 1 [1 - 1 - 1].
- Farm "Clearwater":** 19 0/05: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Farm Aasvogelrand-Oost 291:** Collection Date Unknown: ?: Collector Unknown: NMB: 9 [9 - 9 - 9].
- Farm Al-te-ver 103:** Collection Date Unknown: Dippenaar, N.J. (dr.) and de Jager: TM: 3 [3 - 3 - 3].
- Farm Badfontein 114JT, Kwena:** Collection Date Unknown: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 1].
- Farm Baviaanspoort:** 19 6/09: ?: Collector Unknown: TM: 7 [7 - 7] - 19 9/01: ?: Collector Unknown: TM: 1 [1 - 1 - 8].
- Farm Baviaanspoort 330:** 19 6/09: Roberts, Austin: TM: 5 [5 - 5] - 19 8/09: Roberts, Austin: TM: 1 [1 - 1 - 6].
- Farm Blaauwbank 168JS:** Collection Date Unknown: Kearney, Teresa Catherine (Dr.) and Ndhlovu, C.: TM: 1 [1]; Ndhlovu, Captain and Kearney, Teresa Catherine (Dr.): TM: 1 [1 - 2 - 2].
- Farm Bokveld, on Limpopo River:** 19 8/17: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Farm Bolts Farm:** 20 0/07: Peinke, Dean M (Dr.) (Gauteng Nature Conservation): TM: 1 [1 - 1 - 1].
- Farm Bordeaux:** 19 4/06: Uys, P.J.: TM: 1 [1 - 1] - 19 4/08: Uys, P.J.: TM: 3 [3 - 3 - 4].
- Farm Brakfontein, Koegelbeen Cave:** 19 2/05: ?: Collector Unknown: TM: 22 [22 - 22] - 19 3/19: ?: Collector Unknown: TM: 12 [12 - 12] - 19 6/15: ?: Collector Unknown: TM: 92 [92 - 92 - 126].
- Farm Buffel Rivier Poort:** Collection Date Unknown: ?: Collector Unknown: KM: 5 [5 - 5 - 5].
- Farm Buffelspoort 149 JQ:** 19 5/11: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].
- Farm Buren:** 19 8/08: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Farm Commissiesdrift 327JQ [=Commisiondrift]:** 19 4/11: Pretorius, J.J.L.: USNM: 2 [2 - 2 - 2].
- Farm Cyprus 68:** 19 2/11: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 2/12: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 5 - 6].
- Farm De Kafferskraal 53JT:** 20 1/11: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 1].
- Farm Deelfontein:** Collection Date Unknown: ?: Collector Unknown: BMNH: 1 [1 - 1 - 1].
- Farm Donkerpoort 448:** 19 0/04: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 12 [12 - 12] - 19 2/13: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - 19 2/15: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 5/11: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 16].
- Farm Donkerpoort 448, Sandspruit Cave No. 1:** 19 2/28: Copley, R.B.: TM: 1 [1 - 1] - 19 6/03: Copley, R.B.: TM: 5 [5 - 5] - 19 6/14: Copley, R.B.: TM: 1 [1 - 1] - 19 6/16: Copley, R.B.: TM: 1 [1 - 1] - 19 8/19: Copley, R.B.: TM: 1 [1]; Copley, R.B. and Siegrist, Q.: TM: 3 [3 - 4 - 12].
- Farm Doornhoek:** Collection Date Unknown: Espie, I.W.: SMF: 2 [2 - 2 - 2].
- Farm Dordrecht:** 19 0/13: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2 - 2].
- Farm Duiwelskloof 376 [=Mokeetsi]:** Collection Date Unknown: Streeter, F.: TM: 1 [1 - 1] - 19 7/17: Streeter, F.: TM: 1 [1 - 1] - 19 9/16: Streeter, F.: TM: 4 [4 - 4 - 6].
- Farm Elandsfontein 435KT:** 20 4/15: Cohen, Lientjie (Mpumalanga Parks Board): TM: 2 [2 - 2 - 2].
- Farm Elandsfontein 435KT, Bourke's Luck:** 20 7/06: Cohen, Lientjie (Mpumalanga Parks Board): TM: 2 [2 - 2 - 2].
- Farm Enkeldoornspoort 207:** 19 2/01: Dippenaar, N.J. (dr.): TM: 1 [1 - 1 - 1].
- Farm Evergreen:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2 - 2].
- Farm Fairfield 306:** 19 7/19: Powell, W.: TM: 1 [1 - 1] - 19 7/29: Powell, W.: TM: 1 [1 - 1 - 2].
- Farm Faust 743:** Collection Date Unknown: ?: Collector Unknown: TM: 1 [1 - 1] - 19 1/20: ?: Collector Unknown: TM: 10 [10 - 10 - 11].
- Farm Ferndale:** Collection Date Unknown: Scholtz, C.: TM: 2 [2 - 2] - 19 2/16: ?: Collector Unknown: TM: 3 [3 - 3] - 19 2/29: ?: Collector Unknown: TM: 2 [2 - 2 - 7].
- Farm Fleur de Lys 195KU:** 20 3/16: Pietersen Darren: TM: 1 [1 - 1 - 1].
- Farm Florisbad 686:** Collection Date Unknown: ?: Collector Unknown: NMB: 18 [18 - 18 - 18].
- Farm Geluk:** 19 9/27: Nel, D.J.: TM: 1 [1 - 1 - 1].
- Farm Goedhoek [=Goudhoek]:** 19 1/09: Wolhuter, D.A.: TM: 2 [2 - 2] - 19 2/09: Wolhuter, D.A.: TM: 4 [4 - 4] - 19 9/24: Wolhuter, D.A. and Cassidy, R.J.: TM: 11 [11 - 11] - 19 9/25: Wolhuter, D.A. and Cassidy, R.J.: TM: 5 [5 - 5 - 22].
- Farm Goodhouse 23:** 19 1/03: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1] - 19 2/29: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1] - 19 2/30: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1] - 19 2/31: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1] - 19 8/15: Barlow TM-Expedition, the: TM: 1 [1 - 1 - 5].
- Farm Goudhoek:** 19 0/26: ?: Collector Unknown: TM: 1 [1 - 1] - 19 0/29: ?: Collector Unknown: TM: 6 [6 - 6] - 19 9/23: ?: Collector Unknown: TM: 12 [12 - 12] - 19 9/24: ?: Collector Unknown: TM: 20 [20 - 20] - 19 9/25: ?: Collector Unknown: TM: 20 [20 - 20 - 59].
- Farm Gouna:** Collection Date Unknown: ?: Collector Unknown: KM: 6 [6 - 6 - 6].
- Farm Greefswald 37 [=Mapungubwe], Shashi-Limpopo confluence:** Collection Date Unknown: Duthie, Andrew: TM: 6 [6]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 8] - 19 1/21: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 7 [7 - 7 - 15].
- Farm Greefswald 37MS:** 19 8/09: ?: Collector Unknown: TM: 1 [1 - 1] - 19 8/11: ?: Collector Unknown: TM: 1 [1 - 1 - 2].
- Farm Greefswald 37MS, Shashi-Limpopo confluence:** 19 1/19: Schlitter, Duane A. (dr.): CM: 7 [7 - 7] - 19 1/20: Schlitter, Duane A. (dr.): CM: 6 [6 - 6] - 19 1/22: Schlitter, Duane A. (dr.): CM: 9 [9 - 9] - 19 8/09: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 8/18: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4 - 4 - 27].
- Farm Grooffontein:** 19 2/02: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 2/19: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 6 [6 - 6] - 19 2/20: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 7 [7 - 7] - 19 2/21: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 5] - 19 2/22: ?: Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 16 [16 - 17 - 36].
- Farm Groothoek 99:** 19 1/18: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3] - 19 1/21: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 1/23: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 13 [13 - 13 - 17].
- Farm Grootsuikerboschop 124:** 19 2/12: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

- Farm Haffenden Heights 35KT:** 20 1/03: Cohen, Lientjie (Mpumalanga Parks Board): TM: 2 [2 - 2 - 2].
- Farm Hartebeesthoek:** Collection Date Unknown: van der Merwe, Mac. (Dr.): TM: 6 [6 - 6] - 19 1/06: ?: Collector Unknown: TM: 1 [1 - 1 - 7].
- Farm Hectorspruit:** 19 0/15: Streeter, J.: TM: 4 [4 - 4] - 19 0/16: Streeter, J.: TM: 1 [1 - 1] - Collection Date Unknown: Streeter, F.: TM: 1 [1 - 1] - 19 2/07: Streeter, J.: TM: 1 [1 - 1] - 19 2/09: Streeter, J.: TM: 4 [4 - 4] - 19 2/22: Streeter, J.: TM: 1 [1 - 1] - 19 3/27: Streeter, J.: TM: 1 [1 - 1] - 19 9/17: Streeter, J.: TM: 1 [1 - 1] - 19 9/18: Streeter, J.: TM: 1 [1 - 1 - 15].
- Farm Hekpoort:** 19 9/12: ?: Collector Unknown: TM: 2 [2 - 2 - 2].
- Farm Helena 780:** Collection Date Unknown: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].
- Farm Hilda [=V.L.N.R.]:** Collection Date Unknown: Bronner, Gary Neil (dr.): TM: 1 [1 - 1] - 19 2/06: Bronner, Gary Neil (dr.): TM: 10 [10 - 10] - 19 2/14: ?: Collector Unknown: TM: 1 [1 - 1 - 12].
- Farm In-de-Diepte 164JT:** 20 0/04: Cohen, Lientjie (Mpumalanga Parks Board): TM: 2 [2 - 2 - 2].
- Farm Kaalfontein 261, Ubumanzi Game Farm:** Collection Date Unknown: Bronner, Gary Neil (dr.): TM: 3 [3 - 3] - 19 1/27: Bronner, Gary Neil (dr.): TM: 1 [1 - 1 - 4].
- Farm Katrina:** 19 6/01: Griesel, W.J.H.J.: TM: 1 [1 - 1 - 1].
- Farm Keikamspoort 71:** 19 1/08: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - 19 2/03: ?: Collector Unknown: TM: 1 [1 - 1] - 19 2/04: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4 - 4] - 19 2/06: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 14 [14 - 14] - 19 2/07: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4 - 4] - 19 2/08: ?: Collector Unknown: TM: 3 [3] - 19 2/08: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1] - 19 2/08: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1] - 19 2/08: Rautenbach, Ignatius L. (Dr.) [=Naas]: ZZZZZ: 1 - 19 2/08: Rautenbach, Ignatius L. (Dr.) [=Naas]: ZZZZZ: 1 - 4] - 19 2/08: ZZZZZ: ZZZZZ: 1 - 30].
- Farm Kersbos:** 19 0/10: Dippenaar, N.J. (dr.): TM: 10 [10 - 10] - 19 0/16: Dippenaar, N.J. (dr.): TM: 1 [1 - 1 - 11].
- Farm Kersefontein [=Berg River]:** Collection Date Unknown: ?: Collector Unknown: DNSM: 8, TM: 3 [11]; Kearney, Teresa Catherine (Dr.) and Taylor, Peter John (Dr.): DNSM: 1 [1]; Taylor, Peter John (Dr.) and Kearney, Teresa Catherine (Dr.): DNSM: 2 [2 - 14] - 19 1/21: ?: Collector Unknown: TM: 1 [1 - 1 - 15].
- Farm Klipbanksfontein 607:** 20 5/13: Bredenkamp, H. and Fernsby, Nigel: TM: 1 [1 - 1 - 1].
- Farm Klipfontein 407, Echo caves:** Collection Date Unknown: Boshoff, P.: TM: 1 [1 - 1] - 19 2/11: ?: Collector Unknown: TM: 1 [1]; Boshoff, P.: TM: 7 [7 - 8] - 19 2/15: Meyer, Andre: TM: 5 [5 - 5 - 14].
- Farm Klipgat 217JT:** 20 5/05: Cohen, Lientjie (Mpumalanga Parks Board): TM: 2 [2 - 2 - 2].
- Farm Klipsteen 67JT:** Collection Date Unknown: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 1].
- Farm Koegelbeen / Farm Brakfontein, Koegelbeen cave:** 19 2/05: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 11 [11 - 11 - 11].
- Farm Kunkuru:** 20 4/22: Fernsby, Nigel: TM: 1 [1 - 1 - 1].
- Farm Leelykstraat 320:** 19 1/25: ?: Collector Unknown: MMK: 2 [2]; Erasmus, B.H.: MMK: 3 [3 - 5 - 5].
- Farm Leeuwspoor 647, on Pongola river:** Collection Date Unknown: Dippenaar, N.J. (dr.): TM: 1 [1 - 1] - 19 2/13: ?: Collector Unknown: TM: 1 [1 - 1 - 2].
- Farm Leeuwspoor 647, on Pongola Road:** 19 2/13: ?: Collector Unknown: TM: 8 [8 - 8 - 8].
- Farm Lilliput 246:** Collection Date Unknown: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1 - 1].
- Farm Liverpool 202:** Collection Date Unknown: Laatz, I.: TM: 1 [1 - 1 - 1].
- Farm Luna 61MS [=V.L.N.R.]:** Collection Date Unknown: Bronner, Gary Neil (dr.): TM: 7 [7 - 7 - 7].
- Farm Makalali:** 19 2/04: ?: Collector Unknown: TM: 1 [1 - 1] - 19 2/08: ?: Collector Unknown: TM: 1 [1 - 1 - 2].
- Farm Makapansgat:** 19 1/14: ?: Collector Unknown: TM: 1 [1 - 1] - 19 2/11: ?: Collector Unknown: TM: 2 [2 - 2 - 3].
- Farm Makapansgat 39:** Collection Date Unknown: Roberts, Austin: TM: 6 [6 - 6 - 6].
- Farm Makapansgat 39, Makapan cave:** 19 1/09: Jameson, H. Lyster: TM: 2 [2 - 2] - 19 2/11: Roberts, Austin: TM: 1 [1 - 1 - 3].
- Farm Makapansgat 39, Peppercorn Cave [=Peppercorn's, Peppercorn]:** 19 4/10: Copley, R.B.: TM: 1 [1 - 1 - 1].
- Farm Makapansgat 39KS:** 20 9/20: Gauteng Bat Intrest Group: TM: 1 [1]; Northern Areas Bat Intrest Group: TM: 1 [1 - 2 - 2].
- Farm Makapansgat 39KS, Ficus cave:** 19 1/13: Copley, R.B.: TM: 3 [3 - 3 - 3].
- Farm Makapansgat, Ficus cave:** 19 1/13: ?: Collector Unknown: TM: 5 [5 - 5 - 5].
- Farm Makapansgat, Makapan cave:** Collection Date Unknown: ?: Collector Unknown: TM: 15 [15 - 15] - 19 2/04: ?: Collector Unknown: TM: 2 [2 - 2] - 19 2/11: ?: Collector Unknown: TM: 1 [1 - 1 - 18].
- Farm Makapansgat, Peppercorn's cave:** 19 0/30: ?: Collector Unknown: TM: 3 [3 - 3] - Collection Date Unknown: ?: Collector Unknown: TM: 29 [29 - 29 - 32].
- Farm Malata:** 19 4/27: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Farm Malta:** 19 4/27: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Farm Marthavale:** 19 1/17: de Jager, J.G.: TM: 4 [4 - 4] - 19 1/26: de Jager, J.G.: TM: 1 [1 - 1 - 5].
- Farm Mimosa 454:** 19 2/15: Erasmus, B.H.: MMK: 1 [1 - 1 - 1].
- Farm Modderfontein, Howel Davies Caves:** 19 0/30: Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: TM: 1 [1 - 1] - 19 1/07: Copley, R.B.: TM: 4 [4 - 4] - 19 1/08: Copley, R.B.: TM: 1 [1 - 1] - 19 4/07: Copley, R.B.: TM: 2 [2 - 2] - 19 4/09: Copley, R.B.: TM: 1 [1 - 1] - 19 4/15: Copley, R.B.: TM: 1 [1 - 1] - 19 6/16: Jacobsen, N: TM: 3 [3 - 3] - 19 6/30: Copley, R.B.: TM: 3 [3 - 3 - 16].
- Farm Modderfontein, Howel Davies Cave:** 19 4/02: Copley, R.B.: TM: 1 [1 - 1 - 1].
- Farm Mokeetsi 376:** 19 1/06: ?: Collector Unknown: TM: 1 [1 - 1] - 19 5/01: ?: Collector Unknown: TM: 2 [2 - 2] - 19 5/06: ?: Collector Unknown: TM: 1 [1 - 1] - 19 6/21: Mare, D.: TM: 1 [1 - 1 - 5].
- Farm Mooigenoeg 83:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 3/07: ?: Collector Unknown: TM: 2 [2]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 3] - 19 3/08: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 3/09: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 3/09: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4 - 4 - 10].
- Farm Mooimeisjesfontein 147JQ [=Mooimeisjesfontein, Mooimeisjesfontein, Mooimeisjesfontein]:** 19 5/24: Powell, W.: TM: 1 [1 - 1] - 19 5/25: Powell, W.: TM: 1 [1 - 1] - 19 5/26: Powell, W.: TM: 6 [6 - 6] - 19 5/27: Powell, W.: TM: 1 [1 - 1] - 19 5/28: Powell, W.: TM: 6 [6 - 6] - 19 5/29: Powell, W.: TM: 1 [1 - 1] - 19 6/25: Powell, W.: TM: 1 [1 - 1 - 17].
- Farm Mooimijesfontein:** 19 4/26: ?: Collector Unknown: TM: 1 [1 - 1] - 19 5/20: ?: Collector Unknown: TM: 1 [1 - 1] - 19 5/26: ?: Collector Unknown: TM: 2 [2 - 2] - 19 5/27: ?: Collector Unknown: TM: 1 [1 - 1] - 19 5/28: ?: Collector Unknown: TM: 1 [1 - 1] - 19 5/29: ?: Collector Unknown: TM: 2 [2 - 2 - 8].
- Farm Mooiplaas 94:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - 19 2/14: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 6/08: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 6/20:

- Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 9/06: ? : Collector Unknown: TM: 1 [1 - 1] - 19 9/07:
Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 9 [9 - 9 - 15].
- Farm Naerina:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].
- Farm Nakaetsi 376:** Collection Date Unknown: Streeter, F.: TM: 2 [2 - 2 - 2].
- Farm Narap:** 19 0/06: Dippenaar, N.J. (dr.): TM: 2 [2 - 2] - Collection Date Unknown: ? : Collector Unknown: TM: 2 [2 - 2 - 4].
- Farm Narina:** 19 2/09: ? : Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 2 - 2].
- Farm Nicorel 343:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 1/17: ? : Collector Unknown: TM: 1 [1 - 1 - 2].
- Farm Nooitgedacht 508:** 19 1/10: Bronner, Gary Neil (dr.): TM: 1 [1 - 1 - 1].
- Farm Northern Kakamas, behind cottages at Khamkirri:** Collection Date Unknown: Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): TM: 4 [4 - 4 - 4].
- Farm Nydas [=Cnydas]:** 19 0/07: Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: TM: 11 [11 - 11] - 19 0/09: Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: TM: 6 [6 - 6] - 19 0/10: Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: TM: 2 [2 - 2] - Collection Date Unknown: ? : Collector Unknown: TM: 1 [1 - 1] - 19 1/11: Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: TM: 1 [1 - 1 - 21].
- Farm Ohkotsa [=Voigt's]:** Collection Date Unknown: Wolhuter, D.A.: TM: 1 [1 - 1 - 1].
- Farm Okhotso Boekenhoutskloof:** Collection Date Unknown: Voigt, G. (Mr.): TM: 1 [1 - 1 - 1].
- Farm Olifantspoort 328:** 19 2/13: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Farm Olifantspoort 328 [=Retiefkloof]:** 19 2/13: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3] - 19 2/15: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 2/19: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 5].
- Farm Olivewood 284:** 19 1/01: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 8 [8]; Schlitter, Duane A. (dr.): CM: 4 [4 - 12] - 19 1/02: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 8 [8]; Schlitter, Duane A. (dr.): CM: 5 [5 - 13 - 25].
- Farm Onverwacht 544JT, Sjonajona:** 20 1/13: Kearney, Teresa Catherine (Dr.) and Ndhlovu, C.: TM: 1 [1]; Ndhlovu, Captain and Kearney, Teresa Catherine (Dr.): TM: 1 [1 - 2] - 20 1/15: Legwai, J.: TM: 1 [1 - 1 - 3].
- Farm Oograbies West 153:** 19 9/15: Rautenbach, Ignatius L. (Dr.) [=Naas]; Bronner, Gary Neil (Dr.) and Schlitter, Duane A (Dr.): TM: 1 [1 - 1 - 1].
- Farm Othawo 242, Sabie Sand Private Nature Reserve:** 19 1/14: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 1/17: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3] - 19 1/19: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 5/15: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 5/17: ? : Collector Unknown: TM: 1 [1 - 1] - 19 5/18: ? : Collector Unknown: TM: 1 [1 - 1 - 8].
- Farm Ratsegaai 204:** Collection Date Unknown: ? : Collector Unknown: TM: 14 [14 - 14] - 19 8/13: de Jager, J.G.: TM: 1 [1 - 1] - 19 8/31: de Jager, J.G.: TM: 2 [2 - 2 - 17].
- Farm Regina 68 [=V.L.N.R.]:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1 - 1] - 19 2/06: Bronner, Gary Neil (dr.): TM: 1 [1 - 1] - 19 2/07: Bronner, Gary Neil (dr.): TM: 2 [2 - 2] - 19 2/12: Bronner, Gary Neil (dr.): TM: 22 [22 - 22 - 26].
- Farm Rhenosterfontein:** 19 4/01: West, S.D.: TM: 1 [1 - 1 - 1].
- Farm Rhenosterspruit 59JQ:** Collection Date Unknown: Newbury, R.: TM: 2 [2 - 2 - 2].
- Farm Rhoda 9:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].
- Farm Rhoda 9, old mica mine:** 19 7/17: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3 - 3].
- Farm Rietfontein:** 19 4/03: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Farm Rietfontein 404:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 5 - 5].
- Farm Rietfontein 536KQ:** 19 7/25: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 1].
- Farm Rietfontein, pt 16:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Farm Rietgat, plot 102:** 19 1/25: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Farm River 141 MS:** Collection Date Unknown: Newbury, R.: TM: 1 [1 - 1 - 1].
- Farm Rolspruit 127:** Collection Date Unknown: de Jager, J.G.: TM: 1 [1 - 1 - 1].
- Farm Roodepoort 386:** Collection Date Unknown: Dippenaar, N.J. (dr.): TM: 4 [4 - 4 - 4].
- Farm Rooikrans [=Rooikranz] 538:** 19 4/19: Powell, W.: TM: 1 [1 - 1] - 19 4/21: Powell, W.: TM: 1 [1 - 1] - 19 4/23: Powell, W.: TM: 1 [1 - 1] - 19 4/25: Powell, W.: TM: 2 [2 - 2] - 19 4/26: Powell, W.: TM: 4 [4 - 4 - 9].
- Farm Rooikranz 538:** Collection Date Unknown: Powell, W.: TM: 1 [1 - 1 - 1].
- Farm Rotspruit:** Collection Date Unknown: ? : Collector Unknown: TM: 3 [3 - 3 - 3].
- Farm Rykvoorby 96:** Collection Date Unknown: Prozesky, O.P.M.: TM: 1 [1 - 1] - 19 9/13: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3 - 4].
- Farm Sarum 245LS, Buzzard Mountain Retreat:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 1/05: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - 19 4/11: ? : Collector Unknown: TM: 1 [1 - 1 - 4].
- Farm Schaapplaas 1785:** Collection Date Unknown: ? : Collector Unknown: NMB: 2 [2 - 2 - 2].
- Farm Schulpfontien No.472, 16km NW:** 19 2/01: ? : Collector Unknown: TM: 1 [1 - 1] - 19 2/02: ? : Collector Unknown: TM: 1 [1 - 1 - 2].
- Farm Scrutton 23:** 19 8/07: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 6 [6 - 6 - 6].
- Farm Scrutton 23MT:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 8/07: ? : Collector Unknown: TM: 2 [2 - 2 - 3].
- Farm Secheili's Oude Stad 6:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1]; Museum Expedition: TM: 1 [1]; Transvaal Museum Expedition: TM: 1 [1 - 3 - 3].
- Farm Skoongesig 360JS, Languitsig:** 20 7/06: Cohen, Lientjie (Mpumalanga Parks Board): TM: 2 [2 - 2 - 2].
- Farm Sterkspruit 33JT, Lydenburg Fisheries:** 20 3/16: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1] - 19 8/02: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 2].
- Farm Sterkspruit 412KT:** 20 5/06: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 1].
- Farm Sterkspruit 412KT, Mogaba:** 20 0/05: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1] - 20 0/06: Cohen, Lientjie (Mpumalanga Parks Board): TM: 2 [2 - 2 - 3].
- Farm Strathfiedsaye:** Collection Date Unknown: Smith, S.A.: TM: 1 [1 - 1 - 1].
- Farm Strathfiedsaye:** 19 8/24: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Farm Sudwalaskraal 271JT:** 20 3/03: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 1].
- Farm Tangala 87:** Collection Date Unknown: Nesor, Walter: TM: 1 [1 - 1 - 1].
- Farm Tenbosch 112JU:** 20 0/27: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 1].
- Farm Thankerton 175JU:** 20 0/28: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 1].
- Farm Tweepoort 404:** 19 2/21: Kemp, A.C.: TM: 1 [1 - 1 - 1].
- Farm Twin Streams:** Collection Date Unknown: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1 - 1].

- Farm Tygerkloof 354:** Collection Date Unknown: ?; Collector Unknown: TM: 3 [3]; Bronner, Gary Neil (dr.): TM: 11 [11 - 14 - 14].
- Farm Tygerskloof:** 19 8/18: Bronner, Gary Neil (dr.): TM: 1 [1 - 1 - 1].
- Farm Uitkomst:** 19 1/24: ?; Collector Unknown: TM: 4 [4 - 4 - 4].
- Farm Uitkomst 499:** 19 0/29: Coetzee, C.G.: TM: 1 [1 - 1 - 1].
- Farm Uitkyk:** Collection Date Unknown: ?; Collector Unknown: TM: 1 [1]; van Son, G.: TM: 13 [13 - 14 - 14].
- Farm Uitkyk 264JT, Buffelskloof Private Nature Reserve:** 20 1/14: Burrows, John; Cohen, L. and Fernsby, Nigel: TM: 1 [1]; Cohen, Lientjie; Fernsby, Nigel and Burrows, J.: TM: 1 [1 - 2 - 2].
- Farm Urk 10 [= Blouberg Private Nature Reserve]:** 19 6/30: ?; Collector Unknown: TM: 1 [1 - 1] - 19 7/01: ?; Collector Unknown: TM: 1 [1 - 1 - 2].
- Farm Urk 10, Blouberg Private Nature Reserve:** 19 7/01: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 8 [8 - 8] - 19 7/02: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2 - 10].
- Farm Vergelegen 80JS, Loskop Dam Wall Inspection Tunnel:** 20 2/05: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 1].
- Farm Victoriaspoort 18IT:** 20 2/17: Cohen, Lientjie and Fernsby, Nigel: TM: 3 [3 - 3] - 20 7/16: Cohen, Lientjie (Mpumalanga Parks Board): TM: 3 [3 - 3 - 6].
- Farm Victoriaspoort 18IT, Kalkoenkrans Cave:** 20 4/17: Fernsby, Nigel; Cohen, Lientjie; de Wet, Koos and Peinke, Dean: TM: 1 [1 - 1 - 1].
- Farm Vygeboschlaagte 236JQ:** Collection Date Unknown: Roberts, A.: TM: 1 [1 - 1 - 1].
- Farm Wagondrift 230:** 19 0/01: Rautenbach, Ignatius L. (Dr.) [=Naas]; Bronner, Gary Neil (Dr.) and Weber: TM: 3 [3 - 3] - 19 0/02: Rautenbach, Ignatius L. (Dr.) [=Naas]; Bronner, Gary Neil (Dr.) and Weber: TM: 7 [7 - 7 - 10].
- Farm Wakkersdal 436KT:** 20 8/03: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 1].
- Farm Waterval:** Collection Date Unknown: Fernsby, Nigel; Cohen, Lientjie; de Wet, Koos and Peinke, Dean: TM: 4 [4 - 4 - 4].
- Farm Waterval, Third Mine Tunnel:** 20 4/17: Fernsby, Nigel; Cohen, Lientjie; de Wet, Koos and Peinke, Dean: TM: 1 [1 - 1 - 1].
- Farm Welgedaan 292:** Collection Date Unknown: ?; Collector Unknown: TM: 10 [10 - 10] - 19 1/18: Dippenaar, N.J. (dr.): TM: 1 [1 - 1 - 11].
- Farm Welgevonden 449:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 1/11: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 5] - 19 1/14: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 1/14: ?; Collector Unknown: TM: 1 [1 - 1 - 8].
- Farm Witpoort 419:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3 - 3].
- Farm Wonderfontein:** 19 4/22: Jameson, H. Lyster: TM: 1 [1 - 1] - 19 4/26: Jameson, H. Lyster: TM: 2 [2]; Jawsens: TM: 1 [1 - 3 - 4].
- Farm Wonderfontein 103IQ:** Collection Date Unknown: ?; Collector Unknown: TM: 1 [1]; Jameson, H. Lyster: TM: 7 [7 - 8] - 19 4/26: ?; Collector Unknown: TM: 1 [1 - 1 - 9].
- Farm Wonderfontein 103IQ, Abe Baily Nature Reserve:** Collection Date Unknown: West, Sean D.: TM: 1 [1 - 1 - 1].
- Farm Wonderfontein 103IQ, Wonderfontein Cave:** Collection Date Unknown: ?; Collector Unknown: TM: 2 [2 - 2 - 2].
- Farm Wonderfontein, River cave:** Collection Date Unknown: Jameson, H. Lyster: TM: 12 [12 - 12 - 12].
- Farm Woodstock:** 19 2/13: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 22 [22 - 22] - 19 2/14: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 21 [21 - 21] - 19 2/16: ?; Collector Unknown: TM: 1 [1 - 1 - 44].
- Farm Zanrivier:** Collection Date Unknown: Nesor, Walter: TM: 1 [1 - 1 - 1].
- Farm Zeekoegats Drift:** Collection Date Unknown: ?; Collector Unknown: KM: 5 [5 - 5 - 5].
- Farm Zusterstroom 447JR:** 19 5/20: Newbury, R.: TM: 1 [1 - 1 - 1].
- Farm Zwarthoek 794:** 19 7/03: ?; Collector Unknown: TM: 1 [1 - 1 - 1].
- Farms Grootsuikerboschkop & Elandslaagte:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 7 [7 - 7 - 7].
- Fauresmith:** 19 1/18: ?; Collector Unknown: NMB: 4 [4 - 4] - 19 7/14: ?; Collector Unknown: NMB: 1 [1 - 1] - 19 8/28: ?; Collector Unknown: NMB: 1 [1 - 1 - 6].
- Fauresmith [Petrusburg]:** 19 2/09: ?; Collector Unknown: NMB: 6 [6 - 6 - 6].
- Feather River:** Collection Date Unknown: Fernsby, Nigel; Peinke, Dean and Peinke, Sacha: TM: 1 [1 - 1 - 1].
- Ferndriff:** 19 3/20: ?; Collector Unknown: TM: 1 [1]; Wirminghaus, J.O.: TM: 1 [1 - 2 - 2].
- Ficksburg:** 19 4/04: ?; Collector Unknown: NMB: 2 [2 - 2] - 19 5/20: ?; Collector Unknown: NMB: 1 [1 - 1] - 19 5/20: ?; Collector Unknown: NMB: 8 [8 - 8] - 19 9/05: ?; Collector Unknown: NMB: 3 [3 - 3 - 14].
- Ficksburg, ca 1 km to Clocolan:** 19 4/18: ?; Collector Unknown: NMB: 1 [1 - 1 - 1].
- Fig forest, Left-hand bank:** Collection Date Unknown: Wolhuter, D.A. and van der Merwe, N.J.: TM: 1 [1 - 1 - 1].
- Fig Tree Camp:** 19 0/23: ?; Collector Unknown: TM: 1 [1 - 1] - 19 0/27: ?; Collector Unknown: TM: 9 [9 - 9] - 19 0/29: ?; Collector Unknown: TM: 5 [5 - 5] - 19 0/30: ?; Collector Unknown: CM: 1, TM: 1 [2 - 2] - Collection Date Unknown: ?; Collector Unknown: TM: 1 [1 - 1] - 19 1/25: ?; Collector Unknown: TM: 1 [1 - 1] - 19 1/25: ?; Collector Unknown: TM: 14 [14 - 14] - 19 1/26: ?; Collector Unknown: TM: 1 [1 - 1] - 19 1/27: ?; Collector Unknown: TM: 3 [3 - 3] - 19 1/28: ?; Collector Unknown: TM: 10 [10 - 10] - 19 1/29: ?; Collector Unknown: TM: 6 [6 - 6] - 19 1/29: ?; Collector Unknown: TM: 4 [4 - 4] - 19 2/03: ?; Collector Unknown: TM: 1 [1 - 1] - 19 2/18: ?; Collector Unknown: TM: 1 [1 - 1] - 19 2/29: ?; Collector Unknown: TM: 5 [5 - 5] - 19 2/30: ?; Collector Unknown: TM: 5 [5 - 5] - 19 3/01: ?; Collector Unknown: TM: 13 [13 - 13] - 19 3/02: ?; Collector Unknown: TM: 2 [2 - 2] - 19 4/02: ?; Collector Unknown: TM: 5 [5 - 5] - 19 4/03: ?; Collector Unknown: TM: 16 [16 - 16] - 19 4/10: ?; Collector Unknown: TM: 6 [6 - 6] - 19 4/24: ?; Collector Unknown: TM: 18 [18 - 18] - 19 5/06: Rautenbach, Ignatius L. (Dr.) [=Naas]: CM: 2 [2 - 2] - 19 5/07: Rautenbach, Ignatius L. (Dr.) [=Naas]: CM: 4 [4 - 4] - 19 5/26: ?; Collector Unknown: TM: 2 [2 - 2] - 19 6/02: ?; Collector Unknown: TM: 8 [8 - 8] - 19 8/24: ?; Collector Unknown: TM: 1 [1 - 1] - 19 8/29: ?; Collector Unknown: TM: 8 [8 - 8] - 19 8/30: ?; Collector Unknown: TM: 1 [1 - 1] - 19 8/31: ?; Collector Unknown: TM: 9 [9 - 9] - 19 9/24: ?; Collector Unknown: TM: 11 [11 - 11 - 175].
- Fig Tree Camp, downstream left hand bank:** 19 0/30: ?; Collector Unknown: TM: 1 [1 - 1 - 1].
- Fig Tree Camp, left hand bank:** 19 0/30: ?; Collector Unknown: TM: 10 [10 - 10 - 10].
- Fig Tree Forest:** 19 6/23: ?; Collector Unknown: TM: 8 [8 - 8] - 19 6/24: ?; Collector Unknown: TM: 1 [1 - 1] - 19 8/24: ?; Collector Unknown: TM: 3 [3 - 3 - 12].
- Figaro Mine:** 19 0/01: ?; Collector Unknown: TM: 10 [10]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 11 [11 - 21] - 19 2/15: ?; Collector Unknown: TM: 4 [4]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 9 [9 - 13 - 34].
- Figtree camp:** 19 0/16: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3] - 19 0/19: Rautenbach, Ignatius L. (Dr.) [=Naas]:

- TM: 1 [1 - 1] - 19 0/27: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4 - 4] - 19 0/29: Wolhuter, D.A. and van der Merwe, N.J.: TM: 5 [5 - 5] - 19 0/30: Wolhuter, D.A. and van der Merwe, N.J.: TM: 1 [1 - 1] - 19 0/31: Wolhuter, D.A.: CM: 1 [1 - 1] - Collection Date Unknown: ?; Collector Unknown: TM: 3 [3]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2]; Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel and van der Merwe, Mac. (Dr.): TM: 1 [1]; Wolhuter, D.A. et al.: TM: 2 [2 - 8] - 19 1/19: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3] - 19 1/25: Rautenbach, Ignatius L. (Dr.) [=Naas] and van der Merwe, Mac. (Dr.): TM: 13 [13 - 13] - 19 1/26: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4]; Rautenbach, Ignatius L. (Dr.) [=Naas] and van der Merwe, Mac. (Dr.): TM: 2 [2 - 6] - 19 1/27: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5]; Rautenbach, Ignatius L. (Dr.) [=Naas] and van der Merwe, Mac. (Dr.): TM: 3 [3 - 8] - 19 1/28: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3] - 19 1/29: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 6 [6 - 6] - 19 2/03: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - 19 2/29: Wolhuter, D.A. et al: TM: 1 [1]; Wolhuter, D.A. et al.: TM: 9 [9 - 10] - 19 3/01: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3] - 19 3/02: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - 19 4/01: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 7 [7 - 7] - 19 4/02: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 8 [8 - 8] - 19 4/03: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3] - 19 4/24: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 12 [12 - 12] - 19 7/20: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3] - 19 8/24: Wolhuter, D.A.: TM: 1 [1]; Wolhuter, D.A. et al.: TM: 3 [3 - 4] - 19 8/29: Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: TM: 2 [2 - 2] - 19 8/29: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4 - 4] - 19 8/30: ?; Collector Unknown: TM: 2 [2 - 2] - 19 9/01: Rautenbach, Ignatius L. (Dr.) [=Naas] and Wolhuter, D.A.: TM: 12 [12 - 12] - 19 9/14: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 9/24: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 9 [9 - 9] - 19 9/28: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 147].
- Figtree Forest:** 19 0/30: ?; Collector Unknown: TM: 2 [2 - 2] - 19 0/31: ?; Collector Unknown: TM: 3 [3 - 3] - Collection Date Unknown: ?; Collector Unknown: TM: 2 [2]; Wolhuter, D.A. and van der Merwe, N.J.: TM: 10 [10 - 12] - 19 2/05: ?; Collector Unknown: TM: 1 [1 - 1] - 19 4/16: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 6/23: Wolhuter, D.A. and Coetzer, D.J.: TM: 3 [3 - 3] - 19 6/24: Wolhuter, D.A. and Coetzer, D.J.: TM: 3 [3 - 3] - 19 8/24: ?; Collector Unknown: TM: 1 [1 - 1 - 26].
- Figtree forest, 4.8 km down stream of bridge:** Collection Date Unknown: ?; Collector Unknown: TM: 2 [2 - 2 - 2].
- Figtree Forest, downstream:** 19 9/25: ?; Collector Unknown: TM: 12 [12 - 12 - 12].
- Fir Glen:** Collection Date Unknown: Parker, Noel: TM: 1 [1 - 1 - 1].
- Florida:** 19 0/25: Jameson, H. Lyster: TM: 3 [3 - 3 - 3].
- Folderia:** Collection Date Unknown: ?; Collector Unknown: TM: 2 [2 - 2 - 2].
- Fort Beaufort, 14 km W:** 19 2/10: Robbins, Lynn W.: CM: 1 [1 - 1 - 1].
- Fort Hoek Trading store:** Collection Date Unknown: ?; Collector Unknown: SAMC: 2 [2 - 2 - 2].
- Fountains:** 19 0/04: ?; Collector Unknown: USNM: 1 [1 - 1] - 19 3/10: Jameson, H. Lyster: TM: 2 [2 - 2] - 19 3/14: Jameson, H. Lyster: TM: 1 [1 - 1] - 19 6/05: ?; Collector Unknown: TM: 3 [3 - 3 - 7].
- Fountains Grove:** 19 3/10: Jameson, H. Lyster: TM: 1 [1 - 1 - 1].
- Fountains Valley:** Collection Date Unknown: Bronner, Gary Neil (dr.): TM: 1 [1 - 1] - 19 6/05: ?; Collector Unknown: TM: 1 [1 - 1 - 2].
- Fouriesburg:** 19 5/02: ?; Collector Unknown: NMB: 3 [3 - 3 - 3].
- Fram Middelwater 750:** Collection Date Unknown: ?; Collector Unknown: NMB: 9 [9 - 9 - 9].
- Frederikstad:** 19 8/15: Lawrence, F.G.: TM: 1 [1 - 1 - 1].
- Futululu Research Station:** 19 2/29: ?; Collector Unknown: TM: 1 [1 - 1 - 1].
- Game Valley Estates:** Collection Date Unknown: ?; Collector Unknown: DNSM: 1 [1]; Kearney, Teresa Catherine (Dr.): DNSM: 2 [2]; Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): DNSM: 2 [2 - 5 - 5].
- Gamkapaort Nature Reserve:** 19 3/13: Erasmus, R.: SAMC: 1 [1 - 1 - 1].
- Ganyesa:** Collection Date Unknown: ?; Collector Unknown: MMK: 1 [1 - 1 - 1].
- Garden Castle Nature Reserve:** Collection Date Unknown: Taylor, Peter John (Dr.): DNSM: 2 [2 - 2 - 2].
- Garies:** 19 2/16: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1 - 1].
- Garsfontein:** Collection Date Unknown: ?; Collector Unknown: TM: 1 [1 - 1] - 19 1/01: ?; Collector Unknown: TM: 10 [10 - 10] - 19 2/16: ?; Collector Unknown: TM: 7 [7 - 7] - 19 2/31: ?; Collector Unknown: TM: 32 [32]; Roberts, Austin: TM: 1 [1 - 33] - 19 3/31: Roberts, Austin: TM: 1 [1 - 1 - 52].
- Gat Koppies:** Collection Date Unknown: Jameson, H. Lyster: TM: 1 [1 - 1 - 1].
- Gatkop:** 20 9/13: Peinke, Dean M (Dr.) (Gauteng Nature Conservation): TM: 2 [2 - 2 - 2].
- Gatkoppies:** 19 2/14: Jameson, H. Lyster: TM: 6 [6 - 6] - 19 6/15: ?; Collector Unknown: TM: 13 [13 - 13 - 19].
- Geelbek:** 19 1/25: Joubert, P.: TM: 1 [1 - 1 - 1].
- Gerlachshoop:** Collection Date Unknown: Grützner: ZMB: 1 [1 - 1 - 1].
- Gezantombi waterhole:** 19 4/11: ?; Collector Unknown: TM: 6 [6 - 6 - 6].
- Ghost Mountain:** Collection Date Unknown: Taylor, Peter John (Dr.) et al.: DNSM: 2 [2 - 2 - 2].
- Giants Castle Game Reserve:** 19 3/09: ?; Collector Unknown: TM: 1 [1 - 1 - 1].
- Gillets:** Collection Date Unknown: Richards, G.: DNSM: 1 [1 - 1] - 19 7/21: Richards, G.: DNSM: 1 [1 - 1 - 2].
- Gilletts:** Collection Date Unknown: Bell-Marley, H.W.: TM: 1 [1 - 1 - 1].
- Glen:** 19 3/20: Risser, A.C.: USNM: 7 [7 - 7 - 7].
- Godeni, E:** 19 2/17: ?; Collector Unknown: TM: 1 [1 - 1 - 1].
- Goegap Nature Reserve:** 19 2/06: ?; Collector Unknown: TM: 1 [1]; Bronner, Gary Neil (dr.) and Herholdt: TM: 1 [1 - 2 - 2].
- Golden Gate:** 19 1/27: ?; Collector Unknown: NMB: 1 [1 - 1] - 19 1/28: ?; Collector Unknown: NMB: 3 [3 - 3 - 4].
- Goodhouse:** Collection Date Unknown: ?; Collector Unknown: KM: 8 [8 - 8] - 19 2/31: Shortridge, Guy C. (Capt.): KM: 4 [4 - 4 - 12].
- Goraas, Farm FrQ 2.9:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 8 [8 - 8 - 8].
- Graaff Reinet, 23 mi SE:** 19 4/19: Lambrechts, A.V.W.: USNM: 1 [1 - 1 - 1].
- Grahamstown:** Collection Date Unknown: ?; Collector Unknown: TM: 3, USNM: 3 [6]; Grahamstown Museum: BMNH: 2 [2]; Smith, J.A. (dr.): BMNH: 1 [1 - 9] - 19 7/22: Roberts, Austin: TM: 1 [1 - 1 - 10].
- Gravelotte Mine:** 19 1/25: ?; Collector Unknown: TM: 21 [21 - 21] - 19 1/29: ?; Collector Unknown: TM: 2 [2 - 2 - 23].
- Gravelotte mines:** Collection Date Unknown: Duthie, Andrew: TM: 1 [1]; van Dam, G.P.: TM: 1 [1 - 2] - 19 4/04: van Dam, G.P.: TM: 4 [4 - 4] - 19 4/05: van Dam, G.P.: TM: 3 [3]; van Son, G.: TM: 1 [1 - 4 - 10].
- Greefswald [= Mapungubwe]:** 19 5/14: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 8/09: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 8/14: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - 19 8/18: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4 - 4 - 8].
- Greytown:** Collection Date Unknown: Wood, J.: DNSM: 1 [1 - 1] - 19 2/04: Bell, H.W. and Karley: TM: 1 [1 - 1 - 2].

- Griffin mine:** 19 1/16: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Groendal Wilderness Area:** Collection Date Unknown: ?: Collector Unknown: TM: 2 [2 - 2] - 19 5/17: ?: Collector Unknown: TM: 3 [3 - 3] - 19 5/19: ?: Collector Unknown: TM: 1 [1 - 1 - 6].
- Groenkloof:** 19 1/03: Roberts, Austin: TM: 4 [4 - 4] - 20 1/27: West, Sean D.: TM: 1 [1 - 1] - 20 7/24: von Blottnitz, Axel: TM: 1 [1 - 1 - 6].
- Grootkloof:** Collection Date Unknown: Nesor, Walter: TM: 1 [1 - 1 - 1].
- Grootvadersbosch:** 19 1/05: ?: Collector Unknown: TM: 1 [1]; Roberts, Austin: TM: 1 [1 - 2] - 19 1/06: ?: Collector Unknown: TM: 2 [2]; Roberts, Austin: TM: 4 [4 - 6 - 8].
- Grootvadersbosch Forest Reserve:** 19 5/03: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Gwalali:** 19 0/20: ?: Collector Unknown: TM: 2 [2 - 2] - 19 0/21: ?: Collector Unknown: TM: 2 [2 - 2 - 4].
- Gwalali Army camp:** 19 0/20: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - 19 0/21: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - 19 1/06: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 3/02: ?: Collector Unknown: TM: 3 [3]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 8] - 19 3/03: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - 19 4/22: ?: Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 6 - 21].
- Haenertsburg:** 19 4/02: Dippenaar, N.J. (dr.): TM: 1 [1 - 1 - 1].
- Hanover:** 19 8/10: Shortridge, Guy C. (purchased): SAMC: 1 [1 - 1] - 19 9/17: ?: Collector Unknown: NMB: 3 [3 - 3 - 4].
- Hans Merensky Nature Reserve:** 19 2/09: ?: Collector Unknown: TM: 1 [1 - 1] - 19 6/16: ?: Collector Unknown: TM: 1 [1 - 1] - 19 6/18: TPA: TM: 4 [4 - 4] - 19 9/12: ?: Collector Unknown: TM: 1 [1 - 1] - 19 9/13: ?: Collector Unknown: TM: 11 [11 - 11] - 19 9/14: ?: Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 2] - 19 9/15: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3 - 23].
- Hans Strydom Dam Nature Reserve:** Collection Date Unknown: West, Sean D.: TM: 2 [2 - 2 - 2].
- Harold Johnson Nature Reserve:** Collection Date Unknown: ?: Collector Unknown: DNSM: 1 [1]; Kearney, Teresa Catherine (Dr.): DNSM: 4 [4]; Schlechter, Max: DNSM: 1 [1]; Scholtz, C.: DNSM: 1 [1]; Schribante, Mrs.: DNSM: 1 [1]; Seemark, Ernest Charles James: DNSM: 1 [1 - 9 - 9].
- Harrismith:** 19 0/28: ?: Collector Unknown: NMB: 10 [10 - 10] - Collection Date Unknown: ?: Collector Unknown: TM: 1 [1]; Seete, J.: TM: 1 [1 - 2] - 19 1/28: ?: Collector Unknown: NMB: 15 [15 - 15] - 19 9/05: ?: Collector Unknown: NMB: 1 [1 - 1] - 19 9/06: ?: Collector Unknown: NMB: 1 [1 - 1] - 19 9/06: ?: Collector Unknown: NMB: 5 [5 - 5 - 34].
- Harrismith [Kestell]:** 19 2/17: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].
- Harrismith [Warden]:** 19 2/12: ?: Collector Unknown: NMB: 28 [28 - 28 - 28].
- Harrismith district:** Collection Date Unknown: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Hartebeespoort dam:** Collection Date Unknown: White, A.G. and Prozesky: TM: 1 [1 - 1 - 1].
- Hatfield:** Collection Date Unknown: ?: Collector Unknown: TM: 1 [1 - 1] - 19 2/01: ?: Collector Unknown: TM: 2 [2 - 2 - 3].
- Hatfield Primary School:** Collection Date Unknown: Skelbrin, A. and Wolff, U.: TM: 1 [1]; Wolff, U. et al.: TM: 1 [1]; Wolff, V. et al.: TM: 1 [1 - 3 - 3].
- Hathaway:** Collection Date Unknown: ?: Collector Unknown: DNSM: 1 [1 - 1] - 19 2/19: ?: Collector Unknown: DNSM: 1 [1 - 1 - 2].
- Hazelmere Dam:** Collection Date Unknown: Roberts, A.: TM: 1 [1 - 1] - 19 8/09: ?: Collector Unknown: TM: 1 [1 - 1 - 2].
- Hazelmere Dam Nature Reserve:** Collection Date Unknown: Bronner, Gary Neil (dr.): TM: 1 [1 - 1 - 1].
- Hectorspruit:** 19 0/17: Streeter, F.: TM: 1 [1 - 1] - Collection Date Unknown: ?: Collector Unknown: TM: 1 [1]; Streeter, F.: TM: 3 [3 - 4] - 19 1/23: ?: Collector Unknown: TM: 1 [1 - 1] - 19 1/28: ?: Collector Unknown: TM: 1 [1 - 1] - 19 1/30: ?: Collector Unknown: TM: 3 [3 - 3] - 19 2/01: ?: Collector Unknown: TM: 1 [1 - 1] - 19 2/07: Streeter, F.: TM: 1 [1 - 1] - 19 2/09: ?: Collector Unknown: TM: 1 [1 - 1] - 19 2/09: ?: Collector Unknown: TM: 1 [1 - 1] - 19 2/10: ?: Collector Unknown: TM: 3 [3 - 3] - 19 3/19: Streeter, F.: TM: 1 [1 - 1] - 19 4/19: Streeter, F.: TM: 1 [1 - 1] - 19 5/22: Streeter F.: TM: 1 [1 - 1] - 19 9/18: ?: Collector Unknown: TM: 3 [3 - 3 - 23].
- Heilbron:** 19 4/20: ?: Collector Unknown: NMB: 2 [2 - 2] - 19 4/21: ?: Collector Unknown: NMB: 3 [3 - 3 - 5].
- Hella Hella Game Valley:** Collection Date Unknown: Seemark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): DNSM: 2 [2 - 2 - 2].
- Hella-Hella Game Valley Estates:** Collection Date Unknown: Seemark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): DNSM: 2 [2 - 2 - 2].
- Hells Gate:** Collection Date Unknown: ?: Collector Unknown: DNSM: 10 [10 - 10 - 10].
- Hennops River:** Collection Date Unknown: ?: Collector Unknown: TM: 3 [3]; Coombs, C.: TM: 1 [1]; Fernsby, Nigel: TM: 2 [2]; Roberts, A. and Coombs, C.: TM: 1 [1]; Venter (Mr.): TM: 1 [1 - 8 - 8].
- Hester Malan Nature Reserve:** 19 2/03: van der Westhuizen, P.: TM: 1 [1 - 1 - 1].
- Hester Malan Wild Flower Reserve:** 19 2/03: ?: Collector Unknown: TM: 3 [3 - 3] - 19 3/30: ?: Collector Unknown: TM: 1 [1 - 1 - 4].
- Hex River Estates:** 19 1/03: Shortridge, Guy C. (Capt.) and Carter, Donald: KM: 1 [1 - 1] - 19 2/28: Shortridge, Guy C. (Capt.) and Carter, Donald: KM: 1 [1 - 1 - 2].
- Hilgobbin Dargler:** Collection Date Unknown: Frannin, G.G.: TM: 1 [1 - 1 - 1].
- Hillary area, probably:** Collection Date Unknown: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1 - 1].
- Hillary, Hillary School:** Collection Date Unknown: ?: Collector Unknown: DNSM: 1 [1 - 1 - 1].
- Hillcrest, off Falcon Road:** Collection Date Unknown: ?: Collector Unknown: DNSM: 1 [1 - 1 - 1].
- Hilton:** 19 6/26: Porter, R.N.: TM: 1 [1 - 1] - 19 9/21: ?: Collector Unknown: DNSM: 1 [1 - 1 - 2].
- Hilton, Hilton Railway tunnel:** 19 9/11: Cassidy, R.J. and Wolhuter, D.A.: TM: 1 [1]; Wolhuter, D.A. and Cassidy, R.J.: TM: 15 [15 - 16 - 16].
- Hilton, Town Bush cave:** 19 1/06: Wingate, Lloyd R.: TM: 5 [5 - 5] - 19 1/24: Wingate, Lloyd R.: TM: 6 [6 - 6] - 19 2/24: Wingate, Lloyd R.: TM: 4 [4 - 4] - 19 2/28: Wolhuter, D.A.: TM: 1 [1 - 1] - 19 5/03: Wolhuter, D.A.: TM: 2 [2 - 2] - 19 5/17: Wingate, Lloyd R.: TM: 3 [3 - 3] - 19 9/11: Wolhuter, D.A. and Cassidy, R.J.: TM: 17 [17 - 17 - 38].
- Himeville:** 19 0/08: Curminghams: DNSM: 1 [1 - 1 - 1].
- Hlabeni Forest:** Collection Date Unknown: Forbes, D.: DNSM: 1 [1 - 1 - 1].
- Hlabisa:** Collection Date Unknown: Cooke, M.L. (Natal Parks Board): TM: 1 [1 - 1 - 1].
- Hluhluwe Game Reserve:** Collection Date Unknown: ?: Collector Unknown: NM: 1 [1 - 1] - 19 3/09: Zumpt, F. (dr.): ZFMK: 1 [1 - 1] - 19 4/05: Zumpt, F. (dr.): ZFMK: 2 [2 - 2 - 4].
- Hluhluwe Game Reserve, Research camp:** Collection Date Unknown: ?: Collector Unknown: TM: 1 [1]; Bronner, Gary Neil (dr.): TM: 3 [3 - 4] - 19 7/23: Bronner, Gary Neil (dr.): TM: 2 [2 - 2 - 6].
- Hoedspruit:** Collection Date Unknown: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Hoopstad:** 19 2/22: ?: Collector Unknown: NMB: 1 [1 - 1] - 20 4/12: ?: Collector Unknown: NMB: 2 [2 - 2 - 3].

- Horo:** Collection Date Unknown: ?: Collector Unknown: TM: 1 [1 - 1] - 19 5/31: ? : Collector Unknown: TM: 1 [1 - 1 - 2].
- Hout Bay:** Collection Date Unknown: Visser, John: AMNH: 1 [1 - 1 - 1].
- Howell Davies Caves:** 19 1/07: ? : Collector Unknown: TM: 22 [22 - 22 - 22].
- Howick Village:** 19 1/15: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Howick, Lions River:** Collection Date Unknown: Bourquin, O.: TM: 1 [1 - 1 - 1].
- Howick, Phillhot Street:** Collection Date Unknown: Bourquin, O.: TM: 1 [1 - 1 - 1].
- Huhea cave:** Collection Date Unknown: University Venda Staff: TM: 3 [3 - 3 - 3].
- Huwi Private Nature Reserve:** 19 3/26: Schlitter, Duane A. (dr.): CM: 1 [1 - 1 - 1].
- Inanda Dam:** Collection Date Unknown: Kearney, Teresa Catherine (Dr.): DNSM: 3 [3 - 3 - 3].
- Ingwavuma:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1]; Cooper, R.L.: TM: 1 [1]; Roberts, A.: TM: 1 [1 - 3] - 19 8/06: ? : Collector Unknown: TM: 1 [1 - 1] - 19 8/07: ? : Collector Unknown: TM: 2 [2 - 2 - 6].
- Ingwavuma, village:** 19 9/04: Roberts, Austin: TM: 1 [1 - 1 - 1].
- Ingwavumia:** 19 9/07: Roberts, Austin: TM: 6 [6]; Roberts, Austin; and Wilson, B.: TM: 2 [2]; Roberts, Austin; and Wilson, R.: TM: 1 [1 - 9] - 19 9/08: Roberts, Austin: TM: 1 [1 - 1 - 10].
- Inkomati River:** 19 2/20: ? : Collector Unknown: TM: 4 [4]; Roberts, Austin: TM: 1 [1 - 5 - 5].
- Insusie Valley:** 19 1/17: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Insuzi river:** Collection Date Unknown: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 1 [1 - 1] - 19 2/10: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 2 [2 - 2] - 19 2/11: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 5 [5 - 5 - 8].
- Interior of Cafferria:** Collection Date Unknown: ? : Collector Unknown: BMNH: 1, RMNH: 1 [2]; Stockholm museum: BMNH: 1 [1 - 3 - 3].
- Ipheva camp site:** Collection Date Unknown: ? : Collector Unknown: DNSM: 4 [4 - 4 - 4].
- Irene:** 20 0/09: Harrison, James du G: TM: 1 [1 - 1] - 19 0/26: ? : Collector Unknown: TM: 1 [1 - 1] - 19 0/28: ? : Collector Unknown: TM: 1 [1 - 1] - Collection Date Unknown: ? : Collector Unknown: TM: 2 [2 - 2] - 19 2/29: ? : Collector Unknown: TM: 1 [1 - 1] - 20 4/17: Harrison, James du G: TM: 2 [2 - 2] - 19 6/06: ? : Collector Unknown: TM: 4 [4 - 4 - 12].
- Irene cave:** 19 4/13: van der Merwe, Mac. (Dr.): TM: 1 [1 - 1] - 19 5/27: van der Merwe, Mac. (Dr.): TM: 5 [5 - 5 - 6].
- Irene, Agricultural Research Council [= ARC] grounds:** Collection Date Unknown: West, Sean D.: TM: 1 [1 - 1 - 1].
- Isipingo, 2 Sykes Road:** 19 3/24: ? : Collector Unknown: TM: 11 [11 - 11 - 11].
- Itala Game Reserve:** Collection Date Unknown: Kearney, Teresa Catherine (Dr.): DNSM: 2 [2]; Scott, E.: DNSM: 1 [1]; Seamark, Ernest Charles James: DNSM: 2 [2]; Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 6 - 6].
- Itala Game Reserve, sandstone cave:** Collection Date Unknown: ? : Collector Unknown: TM: 12 [12 - 12 - 12].
- Itala National Park:** 19 3/10: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Ithala [=Itala] Game Reserve, Main camp:** Collection Date Unknown: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1 - 1].
- Ithala [=Itala] Game Reserve:** 19 2/11: Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel: TM: 7 [7 - 7] - 19 2/14: Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel: TM: 1 [1 - 1 - 8].
- Ithala Game Reserve [=Itala Nature Reserve]:** Collection Date Unknown: Kearney, Teresa Catherine (Dr.): DNSM: 7 [7 - 7] - 19 2/14: ? : Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel, J.: TM: 4 [4 - 5 - 12].
- Jacobsdal:** 19 5/06: ? : Collector Unknown: NMB: 1 [1 - 1 - 1].
- Jagersfontein:** 19 2/11: ? : Collector Unknown: NMB: 1 [1 - 1 - 1].
- Jagersfontein Commonage:** 19 1/23: ? : Collector Unknown: NMB: 4 [4 - 4] - 19 2/12: ? : Collector Unknown: NMB: 11 [11 - 11] - 19 2/15: ? : Collector Unknown: NMB: 1 [1 - 1] - 19 2/16: ? : Collector Unknown: NMB: 44 [44 - 44 - 60].
- Jagersfontein Commonage, Disused mine:** Collection Date Unknown: ? : Collector Unknown: NMB: 44 [44 - 44 - 44].
- Jamestown:** Collection Date Unknown: ? : Collector Unknown: NMB: 5 [5 - 5] - 19 2/13: ? : Collector Unknown: NMB: 2 [2 - 2] - 19 9/04: ? : Collector Unknown: NMB: 1 [1 - 1 - 8].
- Jan Smit Steel Works, near:** 19 4/08: ? : Collector Unknown: NMB: 1 [1 - 1 - 1].
- Jane Furse Hospital:** 19 2/11: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Johannesburg:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1]; Jameson, H. Lyster: TM: 1 [1]; Schoeman, Corrie: TM: 1 [1 - 3 - 3].
- Johannesburg:** Collection Date Unknown: Jameson, H. Lyster: TM: 1 [1 - 1 - 1].
- John Nash Nature Reserve [=Jack Scott Private Nature Reserve], American cave:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1]; Coetzee, C.G.: TM: 1 [1]; Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 3] - 19 1/24: Hoepen, V. (Dr.): TM: 1 [1]; van Hoepen (Dr.): TM: 2 [2 - 3] - 19 1/25: Coetzee, C.G.: TM: 4 [4 - 4] - 19 5/14: Coetzee, C.G.: TM: 2 [2 - 2] - 19 6/20: Norton, Peter (Dr.): TM: 4 [4 - 4] - 19 7/05: van der Merwe, Mac. (Dr.): TM: 3 [3 - 3] - 19 7/06: van der Merwe, Mac. (Dr.): TM: 3 [3 - 3] - 19 7/30: Coetzee, C.G.: TM: 2 [2 - 2] - 19 8/28: Viviers, L.: TM: 13 [13 - 13 - 37].
- Jonkershoek Nature Conservation Research Station:** 19 1/22: Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 1 [1 - 1] - 19 1/23: Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 3 [3 - 3 - 4].
- Jonkershoek Nature Reserve:** Collection Date Unknown: Taylor, Peter John (Dr.) and Kearney, Teresa Catherine (Dr.): DNSM: 4 [4 - 4 - 4].
- Jonkershoek research station:** 19 1/22: Schlitter, Duane A. (dr.): CM: 1 [1 - 1] - 19 1/23: Schlitter, Duane A. (dr.): CM: 1 [1 - 1] - 19 1/24: Schlitter, Duane A. (dr.): CM: 2 [2 - 2 - 4].
- Jozini:** 19 4/03: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Jozini Dam:** Collection Date Unknown: Taylor, Peter John (Dr.) and Kearney, Teresa Catherine (Dr.): DNSM: 2 [2 - 2 - 2].
- Jozini Dam, Dam wall:** Collection Date Unknown: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1 - 1].
- Jusisie valley [=Insuzi valley]:** 19 1/17: Grant, C.H.B. (Capt.; coll), Rudd, C.D. (pres): BMNH: 1 [1 - 1 - 1].
- Kaalrug:** 20 0/25: Cohen, Lientjie (Mpumalanga Parks Board): TM: 2 [2 - 2 - 2].
- Kaap provincie [=Cape province]:** Collection Date Unknown: Ecklon: NMW: 1 [1 - 1 - 1].
- Kaap river:** Collection Date Unknown: Rendall, Percy (dr.): BMNH: 1 [1 - 1 - 1].
- Kaapse Hoop, Farm Drysdale:** Collection Date Unknown: Lewis, E. (Mrs): TM: 1 [1 - 1 - 1].
- Kabbefontein:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Kabusi Forest:** 19 1/10: ? : Collector Unknown: TM: 1 [1 - 1] - 19 1/11: ? : Collector Unknown: TM: 1 [1 - 1 - 2].
- Kabusi Forest station:** 19 4/01: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].
- Kaffraria:** Collection Date Unknown: ? : Collector Unknown: KM: 1 [1 - 1 - 1].
- Kaggasmoudt:** Collection Date Unknown: ? : Collector Unknown: KM: 4 [4 - 4] - 19 2/29: Turnbull, J.K.: NM: 1 [1 - 1] - 19 7/21: ? : Collector Unknown: NM: 1 [1 - 1 - 6].
- Kalahari Gemsbok National Park:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].

- Kalahari Gemsbok National Park, Bayip:** 19 2/09: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 2/10: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 2].
- Kalahari Gemsbok National Park, Dankbaar:** 19 2/09: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 2/10: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 5 - 6].
- Kalahari Gemsbok National Park, Kameelsleep:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 7/08: Brain, C.K.: TM: 2 [2 - 2 - 3].
- Kalahari Gemsbok National Park, Leeuwdril:** 19 2/05: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 8 [8 - 8 - 8].
- Kalahari Gemsbok National Park, Marie se Gat:** Collection Date Unknown: ? : Collector Unknown: TM: 18 [18 - 18] - 19 2/05: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - 19 2/06: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 16 [16 - 16] - 19 2/07: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 15 [15 - 15 - 51].
- Kalahari Gemsbok National Park, Mata Mata camp:** Collection Date Unknown: ? : Collector Unknown: MMK: 2 [2 - 2 - 2].
- Kalahari Gemsbok National Park, Rooikop:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 2/05: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 10 [10 - 10] - 19 2/06: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 20 [20 - 20 - 31].
- Kalahari Gemsbok National Park, Twee Riveren:** 19 4/29: Coetzee and le Riche, B.: TM: 1 [1]; Coetzee, C.G.: TM: 5 [5 - 6] - 19 4/30: Coetzee, C.G.: TM: 1 [1 - 1 - 7].
- Kamberg Nature Reserve:** Collection Date Unknown: Dickson, E.: TM: 1 [1 - 1] - 19 2/16: ? : Collector Unknown: TM: 1 [1 - 1 - 2].
- Kamberg Nature Reserve, Gladstone's Nose:** 19 2/16: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Kamferboom:** 19 1/24: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2 - 2].
- Kammannassie M.C.A [Camp 2]:** 19 2/10: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Karkloof Forests:** 19 8/27: SAS: TM: 1 [1]; Smith, S.A.: TM: 1 [1 - 2 - 2].
- Karoo National Park:** Collection Date Unknown: ? : Collector Unknown: TM: 2 [2 - 2] - 19 1/22: ? : Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: de Jager and de Graaff: TM: 2 [2 - 3] - 19 1/30: ? : Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas] and de Jager: TM: 1 [1 - 2 - 7].
- Kastrol Nek:** 19 1/20: Roberts, Austin: TM: 3 [3 - 3 - 3].
- Khamkirri Private Game Reserve, site 1:** 20 2/08: Seamark, Ernest Charles James: TM: 6 [6 - 6 - 6].
- Khamkirri Private Game Reserve, site 2:** 20 2/09: Seamark, Ernest Charles James: TM: 1 [1 - 1] - 20 2/10: Seamark, Ernest Charles James: TM: 1 [1 - 1 - 2].
- King William's Town:** Collection Date Unknown: ? : Collector Unknown: KM: 15 [15 - 15 - 15].
- King Williamstown:** Collection Date Unknown: ? : Collector Unknown: KM: 5 [5]; Vandeventer, W.: CM: 1 [1 - 6] - 19 1/09: Wingate, Lloyd R.: KM: 1 [1 - 1] - 19 1/15: Wingate, Lloyd R.: KM: 1 [1 - 1] - 19 1/31: ? : Collector Unknown: KM: 1 [1 - 1] - 19 2/06: Domion: KM: 1 [1 - 1] - 19 2/08: Larson, Tom: AMNH: 1 [1 - 1] - 19 2/16: Arends, N.P.: AMNH: 1 [1 - 1] - 19 3/12: Newberry: KM: 1 [1 - 1] - 19 3/26: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1] - 19 3/27: Shortridge, Guy C. (Capt.) and Williams: BMNH: 1 [1 - 1] - 19 4/06: ? : Collector Unknown: KM: 1 [1 - 1] - 19 5/27: ? : Collector Unknown: KM: 1 [1 - 1] - 19 7/16: Wingate, Lloyd R.: KM: 1 [1 - 1] - 19 8/23: Benkenstein: KM: 1 [1 - 1 - 19].
- Klaserie PNR:** Collection Date Unknown: von Brandis, R.: TM: 1 [1 - 1 - 1].
- Klaserie Private Nature Reserve:** Collection Date Unknown: von Brandis, R.: TM: 1 [1 - 1] - 19 1/25: von Brandis, R.: TM: 1 [1 - 1 - 2].
- Klaserie-Olifant River Confluence:** 19 7/28: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Klaver:** 19 0/01: Roberts, Austin and Adendorff: TM: 1 [1 - 1] - 19 0/04: ? : Collector Unknown: TM: 3 [3 - 3] - 19 0/10: Roberts, Austin and Adendorff: TM: 1 [1 - 1] - 19 1/04: ? : Collector Unknown: TM: 1 [1 - 1] - 19 9/29: ? : Collector Unknown: TM: 1 [1]; Roberts, Austin and Adendorff: TM: 1 [1 - 2] - 19 9/30: ? : Collector Unknown: TM: 1 [1]; Roberts, Austin and Adendorff: TM: 1 [1 - 2 - 10].
- Klein Letaba:** 19 8/03: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 2 [2 - 2] - 19 8/18: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 1 [1 - 1] - 19 9/24: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 1 [1 - 1 - 4].
- Klein Letaba, 14 km W:** 19 7/22: Grant, C.H.B. (Capt.): TM: 1 [1 - 1 - 1].
- Kleinpoort:** 19 7/22: Roberts, Austin: TM: 4 [4 - 4] - 19 7/24: Roberts, Austin: TM: 5 [5 - 5] - 19 7/27: Roberts, Austin: TM: 2 [2 - 2] - 19 8/22: Purnell, W.: TM: 1 [1 - 1 - 12].
- Klipfontein:** 19 4/14: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 1 [1 - 1] - 19 4/17: Grant, C.H.B. (Capt.) and Rudd, C.D.: BMNH: 1 [1 - 1 - 2].
- Kloof Falls Road/ Bridle Road picnic site:** Collection Date Unknown: ? : Collector Unknown: DNSM: 1 [1]; Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 2 - 2].
- Knysna:** Collection Date Unknown: ? : Collector Unknown: TM: 11 [11]; Rex, J.H.: TM: 5 [5 - 16] - 19 2/01: Rex, J.H.: TM: 1 [1 - 1] - 19 2/11: ? : Collector Unknown: TM: 2 [2 - 2] - 19 2/18: ? : Collector Unknown: TM: 1 [1 - 1] - 19 3/07: Daneel, W.B.: TM: 1 [1 - 1] - 19 4/03: ? : Collector Unknown: BMNH: 1, TM: 1 [2]; Grant, C.H.B. (Capt.): TM: 2 [2 - 4] - 19 4/16: ? : Collector Unknown: TM: 1 [1 - 1 - 26].
- Koegelbeen Caves:** 19 2/22: ? : Collector Unknown: NMB: 9 [9 - 9] - 19 8/25: ? : Collector Unknown: NMB: 75 [75 - 75 - 84].
- Komatipoort:** 19 4/01: White, A.G.: TM: 1 [1 - 1] - 20 7/20: Jacobs, Sgts.: TM: 3 [3 - 3 - 4].
- Komatipoort, 3.2 km N:** 19 4/01: White, A.G.: TM: 1 [1 - 1 - 1].
- Koppies:** 19 3/16: ? : Collector Unknown: NMB: 7 [7 - 7] - 19 3/17: ? : Collector Unknown: NMB: 1 [1 - 1 - 8].
- Kosi Bay:** Collection Date Unknown: ? : Collector Unknown: DNSM: 1 [1 - 1 - 1].
- Kosi Bay estuary:** 19 4/25: ? : Collector Unknown: TM: 1 [1 - 1] - 19 4/26: ? : Collector Unknown: TM: 10 [10 - 10 - 11].
- Kosi Lake:** Collection Date Unknown: Bronner, Gary Neil (dr.) et al: TM: 1 [1 - 1 - 1].
- Kosi Lake, Department of Health camp:** 19 0/16: ? : Collector Unknown: TM: 2 [2 - 2] - 19 0/20: ? : Collector Unknown: TM: 1 [1 - 1] - 19 0/21: ? : Collector Unknown: TM: 1 [1]; Bronner, Gary Neil (dr.) et al: TM: 1 [1 - 2] - Collection Date Unknown: ? : Collector Unknown: TM: 2 [2 - 2 - 7].
- Koster Cave:** 19 4/26: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Krabbefontein:** Collection Date Unknown: ? : Collector Unknown: TM: 4 [4 - 4 - 4].
- Kranskloof Nature Reserve:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1 - 1] - 19 1/21: Erasmus, G.: TM: 1 [1 - 1] - 19 1/27: ? : Collector Unknown: TM: 1 [1]; Erasmus, G.: TM: 1 [1 - 2 - 4].
- Kranskloof Nature Reserve, Picnic site:** Collection Date Unknown: Kearney, Teresa Catherine (Dr.) and Seamark, Ernest Charles James: DNSM: 1 [1 - 1 - 1].
- Krokodil river:** Collection Date Unknown: Wahlberg, J. (Stockholm Museum): RMNH: 1 [1 - 1 - 1].
- Kruger National Park:** Collection Date Unknown: ? : Collector Unknown: TM: 12 [12 - 12 - 12].
- Krugersdorp:** Collection Date Unknown: Jameson, H. Lyster: TM: 1 [1 - 1 - 1].

- Kumsinga Hide:** 19 0/09: Taylor, Peter John (Dr.): DNSM: 1 [1 - 1 - 1].
- Kuruman:** Collection Date Unknown: ?: Collector Unknown: BMNH: 1 [1]; Fritsche: ZMB: 3 [3 - 4] - 19 1/24: Dent, R.E.: BMNH: 1 [1 - 1] - 19 2/07: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 2/11: ?: Collector Unknown: MMK: 1 [1 - 1] - 19 2/13: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 2/15: ?: Collector Unknown: TM: 3 [3]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 9 [9 - 12] - 19 2/16: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 21 [21 - 21] - 19 2/17: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 19 [19 - 19] - 19 4/19: Woosnam, R.B.: BMNH: 1 [1 - 1 - 61].
- Kyalami Kennels:** Collection Date Unknown: Scott, E.: TM: 1 [1 - 1 - 1].
- La Montagne, 280 Rotsvygie Street:** Collection Date Unknown: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Lady Grey:** 19 7/12: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].
- Ladybrand:** 19 1/09: ?: Collector Unknown: NMB: 1 [1 - 1] - 19 1/19: ?: Collector Unknown: NMB: 4 [4 - 4] - 19 5/22: ?: Collector Unknown: NMB: 1 [1 - 1] - 19 9/20: ?: Collector Unknown: NMB: 1 [1 - 1] - 19 9/23: ?: Collector Unknown: NMB: 1 [1 - 1 - 8].
- Ladybrand Commonage:** 19 0/25: ?: Collector Unknown: NMB: 9 [9 - 9] - 19 0/25: ?: Collector Unknown: NMB: 4 [4 - 4 - 13].
- Ladybrand Town:** 19 0/28: ?: Collector Unknown: NMB: 1 [1 - 1] - 19 9/20: ?: Collector Unknown: NMB: 1 [1 - 1 - 2].
- Ladyselborne:** Collection Date Unknown: Namete, P.: TM: 3 [3 - 3] - 19 1/15: ?: Collector Unknown: TM: 1 [1 - 1 - 4].
- Lake Sibaya Reserve Station:** 19 1/23: ?: Collector Unknown: TM: 22 [22 - 22] - 19 1/24: ?: Collector Unknown: TM: 2 [2 - 2 - 24].
- Lalapanzi Pan:** Collection Date Unknown: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1 - 1].
- Lamberts Bay, 6 km E:** 19 1/09: Robbins, Lynn W.: CM: 8 [8 - 8 - 8].
- Lamberts Bay, 8 km E:** 19 1/09: Robbins, Lynn W.: CM: 1 [1 - 1 - 1].
- Langebaanweg, Chemfos mine:** Collection Date Unknown: Tembo, I.: SAMC: 1 [1 - 1 - 1].
- Langjan Provincial Nature Reserve:** Collection Date Unknown: de Villiers, A.J. (Transvaal Provincial Administration): TM: 2 [2 - 2] - 19 8/10: de Villiers, A.J. (Transvaal Provincial Administration): TM: 1 [1 - 1] - 19 8/30: de Villiers, A.J. (Transvaal Provincial Administration): TM: 1 [1 - 1 - 4].
- Lanner Gorge cave:** 19 0/26: ?: Collector Unknown: TM: 4 [4 - 4 - 4].
- Lapalala Wilderness Area, confluence of Palala-Koedoesloop Rivers, Farm New Belgium 608 [= RR Ranch]:** 19 2/26: Jones, E.M.: TM: 2 [2]; Jones, E.M. and Pallett, J.: TM: 1 [1 - 3 - 3].
- Lapalala Wilderness area, Farm Dubbelwater:** Collection Date Unknown: Jones, E.M.: TM: 1 [1 - 1 - 1].
- Lapalala Wilderness Area, Weltevreden Research Station, roadside on road to:** Collection Date Unknown: Bronner, Gary Neil (dr.) and Gerrans, R.: TM: 1 [1 - 1 - 1].
- Lebanon Sappi plantation:** 20 4/05: Barbe C: TM: 1 [1 - 1 - 1].
- Lebombo Ironwood forest:** 19 2/04: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 6 [6 - 6 - 6].
- Ledzee Estates:** 19 4/14: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Letaba Camp:** Collection Date Unknown: ?: Collector Unknown: TM: 2 [2 - 2 - 2].
- Letaba Camp, 1 km SE:** 19 1/25: ?: Collector Unknown: TM: 4 [4 - 4 - 4].
- Letaba highwater bridge:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - 19 1/24: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 6 [6 - 6 - 8].
- Letaba Ranch:** 19 4/17: ?: Collector Unknown: TM: 4 [4 - 4] - 19 9/10: Haas, F.: SMF: 1 [1 - 1 - 5].
- Letaba Ranch, Sabi River:** 19 4/15: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 4/16: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 9 [9 - 9] - 19 4/19: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 11].
- Letaba Rest Camp:** 19 1/26: ?: Collector Unknown: TM: 4 [4 - 4 - 4].
- Letaba Rest Camp, 8 km SE:** 19 1/29: ?: Collector Unknown: TM: 3 [3 - 3 - 3].
- Letaba restcamp, 1 km SE:** 19 1/24: Koopman, Karl F.: AMNH: 1 [1 - 1] - 19 1/25: Koopman, Karl F.: AMNH: 4 [4]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 8 [8 - 12 - 13].
- Letaba, 8 km SE:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2 - 2].
- Letaba-Olifants confluence, 2 km E:** 19 2/04: Koopman, Karl F.: AMNH: 1 [1 - 1 - 1].
- Letsitele:** 19 2/10: ?: Collector Unknown: TM: 3 [3 - 3 - 3].
- Leuvuhu River:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel and Wolhuter, D.A.: TM: 1 [1]; Wolhuter, D.A. et al.: TM: 15 [15]; Wolhuter, D.A., Cassidy, R.J. and TS and LB: TM: 3 [3 - 19] - 19 1/30: Wolhuter, D.A. et al.: TM: 1 [1 - 1 - 20].
- Levuhu Hippo pool:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 1 [1 - 1] - 19 9/12: ?: Collector Unknown: TM: 3 [3 - 3] - 19 9/13: ?: Collector Unknown: TM: 3 [3 - 3] - 19 9/14: ?: Collector Unknown: TM: 4 [4 - 4] - 19 9/15: ?: Collector Unknown: TM: 2 [2 - 2 - 13].
- Levuhu:** 20 4/11: Fernsby, Nigel: TM: 1 [1 - 1 - 1].
- Levuhu Bridge:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 4/24: ?: Collector Unknown: TM: 4 [4 - 4] - 19 4/25: ?: Collector Unknown: TM: 3 [3]; Rautenbach, Ignatius L. (Dr.) [=Naas]: CM: 1 [1 - 4 - 9].
- Levuhu hippo pool:** 19 0/01: Wolhuter, D.A. and Cassidy, R.: TM: 1 [1 - 1] - Collection Date Unknown: ?: Collector Unknown: TM: 26 [26]; Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 2 [2]; Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 3 [3 - 31] - 19 1/23: Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 1 [1 - 1] - 19 1/27: ?: Collector Unknown: TM: 3 [3]; Nel, Flip: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel, F.: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 15 [15 - 20] - 19 1/28: ?: Collector Unknown: TM: 13 [13]; Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 10 [10 - 23] - 19 1/29: ?: Collector Unknown: TM: 1 [1 - 1] - 19 1/29: ?: Collector Unknown: TM: 12 [12]; Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 15 [15 - 27] - 19 9/11: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 22 [22 - 22] - 19 9/12: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 10 [10 - 10] - 19 9/13: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 1 [1 - 1] - 19 9/14: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 9 [9 - 9] - 19 9/15: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 2 [2 - 2] - 19 9/23: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 1 [1 - 1 - 149].
- Levuhu Hippopool:** 19 9/11: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 1 [1]; Schlitter, Duane A. (dr.): CM: 2 [2 - 3] - 19 9/12: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 3 [3]; Schlitter, Duane A. (dr.): CM: 1 [1 - 4] - 19 9/15: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 4 [4 - 4 - 11].
- Levuhu River:** 19 0/01: ?: Collector Unknown: TM: 10 [10 - 10] - 19 0/02: ?: Collector Unknown: TM: 6 [6 - 6] - Collection Date Unknown: Vinter, H.: TM: 1 [1 - 1] - 19 4/11: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 9/29: ?: Collector Unknown: TM: 1 [1 - 1] - 19 9/30: ?: Collector Unknown: TM: 12 [12 - 12 - 31].

- Levuvhu River, opposite Shilawee stream:** Collection Date Unknown: Stuart, C.T.: TM: 2 [2 - 2 - 2].
- Leydsdorp:** 19 1/17: ? : Collector Unknown: TM: 1 [1 - 1] - 19 2/08: ? : Collector Unknown: TM: 1 [1]; van Dam, G.P.: TM: 1 [1 - 2] - 19 2/11: ? : Collector Unknown: TM: 1] - 19 2/11: ? : Collector Unknown: TM: 1 [1] - 19 2/11: ? : Collector Unknown: ZZZZZ: 1] - 19 2/11: ZZZZZ: ZZZZZ: 1] - 19 2/11: ZZZZZ: ZZZZZ: 1 - 5].
- Leydsdorp, unspecified location:** Collection Date Unknown: van Dam, G.P.: TM: 3 [3 - 3 - 3].
- Limpopo-Levuvhu river confluence:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2 - 2].
- Limpopo-Levuvhu Rivers confluence:** 19 4/22: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3 - 3].
- Lindley:** 19 2/10: ? : Collector Unknown: NMB: 1 [1 - 1 - 1].
- Lister Point:** 19 7/28: ? : Collector Unknown: DNSM: 1 [1 - 1 - 1].
- Lobatsi [intermittent stream]:** Collection Date Unknown: Schultze: ZMB: 1 [1 - 1 - 1].
- Logogotu [=Legogot]:** Collection Date Unknown: ? : Collector Unknown: BMNH: 3 [3 - 3 - 3].
- Lombardy Willows:** Collection Date Unknown: Crack, I.J. (Mrs.): TM: 2 [2 - 2 - 2].
- Long One Cave:** 19 6/04: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Longtoon dam:** 19 9/18: Schlitter, Duane A. (dr.): CM: 2 [2 - 2 - 2].
- Lormarins:** Collection Date Unknown: Roberts, Austin and Adendorff: TM: 1 [1 - 1] - 19 9/16: ? : Collector Unknown: TM: 1 [1 - 1 - 2].
- Loskop Dam Nature Reserve:** 19 0/15: ? : Collector Unknown: TM: 2 [2 - 2] - 19 2/16: ? : Collector Unknown: TM: 1 [1 - 1] - 19 4/05: ? : Collector Unknown: TM: 1 [1 - 1] - 19 4/06: ? : Collector Unknown: TM: 2 [2 - 2 - 6].
- Loskop windmill:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].
- Loskop Windmill, 17 km N:** 19 2/06: ? : Collector Unknown: TM: 2 [2 - 2 - 2].
- Loskopdam Nature Reserve:** 19 0/15: Nel, F.: TM: 3 [3 - 3] - Collection Date Unknown: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1] - 19 4/04: Dippenaar, N.J. (dr.) and Rautenbach, Ignatius L. "Naas" (Dr.): TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 2] - 19 4/05: Dippenaar, N.J. (dr.) and Rautenbach, Ignatius L. "Naas" (Dr.): TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas] and Dippenaar, Nico J. (Dr.): TM: 2 [2 - 3] - 19 4/06: Dippenaar, N.J. (dr.) and Rautenbach, Ignatius L. "Naas" (Dr.): TM: 1 [1 - 1] - 19 4/07: Rautenbach, Ignatius L. (Dr.) [=Naas]; Dippenaar, Nico J. (Dr.) and Underwood: TM: 1 [1 - 1] - 19 4/09: Rautenbach, Ignatius L. (Dr.) [=Naas] and Dippenaar, Nico J. (Dr.): TM: 1 [1 - 1 - 12].
- Loster:** Collection Date Unknown: Roberts, A.: TM: 1 [1 - 1 - 1].
- Loteni Nature Reserve:** Collection Date Unknown: ? : Collector Unknown: DNSM: 12 [12 - 12 - 12].
- Louisvale:** Collection Date Unknown: Hobson, L. and Shortridge, Guy C. (Capt.): BMNH: 1 [1]; Shortridge, Guy C. (Capt.): BMNH: 3, KM: 1 [4 - 5 - 5].
- Louw's [=Lowes] Creek:** 19 3/28: Roberts, Austin: TM: 1 [1 - 1 - 1].
- Louw's [=Lowes] Creek, Imperial mine:** 19 2/13: Roberts, Austin: TM: 1 [1 - 1] - 19 3/28: Roberts, Austin: TM: 5 [5 - 5 - 6].
- Louw's creek:** 19 3/14: Roberts, Austin: TM: 1 [1 - 1] - 19 3/26: ? : Collector Unknown: TM: 1 [1 - 1] - 19 3/28: ? : Collector Unknown: TM: 12 [12 - 12] - 19 3/29: ? : Collector Unknown: TM: 2 [2 - 2] - 19 4/07: ? : Collector Unknown: TM: 1 [1 - 1 - 17].
- Louw's Creek, Imperial Mine:** 19 3/28: ? : Collector Unknown: TM: 4 [4 - 4 - 4].
- Lower Sabie Rest Camp, 15 km SE:** 19 2/13: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Luckhoff:** 19 0/04: ? : Collector Unknown: NMB: 2 [2 - 2] - 19 1/26: ? : Collector Unknown: NMB: 2 [2 - 2 - 4].
- Luipershoek:** Collection Date Unknown: Nesar, Walter: TM: 1 [1 - 1 - 1].
- Lydenberg Vissery [=Fisheries]:** 19 2/07: Linstrom, A.: TM: 1 [1 - 1 - 1].
- Lydenburg:** Collection Date Unknown: Bachmann: ZMB: 3 [3]; Wilms: ZMB: 7 [7 - 10] - 20 1/15: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1] - 19 3/25: ? : Collector Unknown: TM: 1 [1 - 1 - 12].
- Lydenburg Fisheries:** 20 0/08: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 1].
- Lydenburg Krantz:** Collection Date Unknown: ? : Collector Unknown: TM: 7 [7 - 7] - 18 3/25: ? : Collector Unknown: TM: 1 [1 - 1 - 8].
- Lynnwood Glen, Delaware Street:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Lynwood:** Collection Date Unknown: Burton, M.: TM: 1 [1 - 1 - 1].
- Maclear:** 19 1/15: ? : Collector Unknown: NMB: 2 [2 - 2] - 19 2/18: ? : Collector Unknown: NMB: 6 [6 - 6] - 19 2/19: ? : Collector Unknown: NMB: 1 [1 - 1] - 19 3/25: ? : Collector Unknown: NMB: 2 [2 - 2] - 19 3/26: ? : Collector Unknown: NMB: 6 [6 - 6] - 19 4/26: ? : Collector Unknown: NMB: 1 [1 - 1 - 18].
- Madimbo Military area:** Collection Date Unknown: Ellis, S.: TM: 9 [9 - 9] - 19 2/09: Ellis, S.: TM: 1 [1 - 1 - 10].
- Maditobe [= Witsand] Dam:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 13 [13 - 13] - 19 1/21: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3 - 16].
- Maditobe [=Witsand] Dam:** 19 1/21: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Maditobe Pan [=Maditobepan]:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4 - 4 - 4].
- Maditobe Witsand Dam:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3] - 19 1/21: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - 19 6/04: Wolhuter, D.A. et al: TM: 1 [1 - 1] - 19 8/28: ? : Collector Unknown: TM: 3 [3 - 3 - 9].
- Maditobepan:** 19 5/08: Rautenbach, Ignatius L. (Dr.) [=Naas]: CM: 11 [11 - 11 - 11].
- Madlangula:** 19 5/10: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Mafikeng, 5 km outside:** Collection Date Unknown: SANTI: TM: 1 [1 - 1 - 1].
- Magamba windmill:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4 - 4 - 4].
- Magoesklouf:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Mahembane:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 1 [1 - 1] - 19 9/20: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 2 [2 - 2 - 3].
- Mahogany Drive:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 5 - 5].
- Makalali:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1]; Ginn, P.: TM: 1 [1 - 2 - 2].
- Makalali Farm:** 19 2/12: ? : Collector Unknown: TM: 2 [2 - 2 - 2].
- Makapansgat, Historic Cave:** Collection Date Unknown: Holloway, Geoffrey: TM: 1 [1 - 1 - 1].
- Makatini Research Village Pongola River:** Collection Date Unknown: Fernsby, Nigel: DNSM: 1 [1 - 1 - 1].
- Makupana cave:** Collection Date Unknown: Meester, J. and Stegman, D.: TM: 2 [2 - 2 - 2].
- Malalane area:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2 - 2].
- Malelane:** Collection Date Unknown: ? : Collector Unknown: DNSM: 2, TM: 3 [5 - 5] - 19 1/30: ? : Collector Unknown: TM: 1 [1 - 1] - 19 3/20: ? : Collector Unknown: TM: 1 [1 - 1] - 19 3/30: ? : Collector Unknown: TM: 12 [12 - 12] - 19 7/07: ? : Collector Unknown: TM: 10 [10 - 10] - 19 7/08: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 7/09:

- Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 7/10: ? : Collector Unknown: TM: 1 [1 - 1 - 32].
- Malelane Estate**: 19 3/30: Roberts, Austin: TM: 1 [1 - 1 - 1].
- Malelane Old Mine Shaft**: 20 0/26: Cohen, Lientjie (Mpumalanga Parks Board): TM: 4 [4 - 4 - 4].
- Malensons Shingwidzi Game Reserve**: 19 6/01: Streeter, F.: TM: 1 [1 - 1 - 1].
- Malibali pan**: 19 9/21: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 15 [15 - 15] - 19 9/25: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4 - 4 - 19].
- Malvern**: Collection Date Unknown: ? : Collector Unknown: TM: 5 [5]; Jameson, H. Lyster: TM: 5 [5 - 10] - 19 1/05: ? : Collector Unknown: TM: 1 [1 - 1] - 19 1/10: Jameson, H. Lyster: TM: 1 [1 - 1] - 19 1/11: Jameson, H. Lyster: TM: 1 [1 - 1] - 19 1/12: ? : Collector Unknown: TM: 1 [1 - 1] - 19 2/05: ? : Collector Unknown: TM: 1 [1 - 1 - 15].
- Malvern, 1 Rindle Road**: Collection Date Unknown: ? : Collector Unknown: DNSM: 1 [1 - 1 - 1].
- Manaba**: Collection Date Unknown: Roberts, A.: TM: 1 [1 - 1 - 1].
- Manditobe Dam**: 19 8/31: ? : Collector Unknown: TM: 6 [6]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4 - 10 - 10].
- Manguzi village**: 19 5/04: Heist, T.A.: USNM: 1 [1 - 1 - 1].
- Mansia Valley**: 19 3/28: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Mantuma Camp**: 19 2/20: Rushworth, I.: DNSM: 1 [1 - 1] - 19 5/11: Rushworth, I.: DNSM: 1 [1 - 1] - 19 6/18: Goodman, P.S.: DNSM: 1 [1 - 1 - 3].
- Mantuma Camp, camp pool**: 20 8/12: Taylor, Peter John (Dr.) and White, Wendy: DNSM: 1 [1 - 1 - 1].
- Manxeba [=Maxeba] windmill**: 19 0/24: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 0/28: Wolhuter, D.A. et al.: TM: 1 [1 - 1] - Collection Date Unknown: ? : Collector Unknown: TM: 1 [1 - 1] - 19 1/28: Wolhuter, D.A. et al.: TM: 8 [8 - 8] - 19 2/13: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 4/14: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 4/15: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 6/26: Wolhuter, D.A. and Coetzer, D.J.: TM: 3 [3 - 3] - 19 7/30: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - 19 8/29: Wolhuter, D.A.: TM: 2 [2]; Wolhuter, D.A. et al.: TM: 4 [4 - 6] - 19 8/30: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 26].
- Manxeba windmill [=waterhole]**: 19 0/31: ? : Collector Unknown: TM: 1 [1 - 1] - 19 1/01: ? : Collector Unknown: TM: 2 [2 - 2] - 19 1/26: ? : Collector Unknown: TM: 1 [1 - 1] - 19 1/28: ? : Collector Unknown: TM: 13 [13 - 13] - 19 1/29: ? : Collector Unknown: TM: 1 [1 - 1] - 19 2/07: ? : Collector Unknown: TM: 2 [2 - 2] - 19 6/05: ? : Collector Unknown: TM: 8 [8 - 8] - 19 6/26: ? : Collector Unknown: TM: 8 [8 - 8] - 19 6/27: ? : Collector Unknown: TM: 6 [6 - 6] - 19 6/29: ? : Collector Unknown: TM: 1 [1 - 1] - 19 7/28: ? : Collector Unknown: TM: 14 [14 - 14] - 19 7/30: ? : Collector Unknown: TM: 4 [4 - 4] - 19 8/29: ? : Collector Unknown: TM: 1 [1 - 1] - 19 9/26: ? : Collector Unknown: TM: 7 [7 - 7 - 69].
- Manyeleti Game Reserve**: 19 2/14: Haagner, G.: TM: 1 [1 - 1 - 1].
- Manyeleti Game Reserve, Main Camp**: 19 0/12: ? : Collector Unknown: TM: 1 [1 - 1] - Collection Date Unknown: Haagner, G.: TM: 2 [2 - 2] - 19 1/02: ? : Collector Unknown: TM: 1 [1 - 1] - 19 2/02: ? : Collector Unknown: TM: 1 [1 - 1] - 19 4/19: Haagner, G.: TM: 1 [1 - 1] - 19 4/21: Haagner, G.: TM: 1 [1 - 1] - 19 5/08: ? : Collector Unknown: TM: 1 [1 - 1] - 19 5/30: ? : Collector Unknown: TM: 1 [1 - 1 - 9].
- Manyeleti Game Reserve, Main Camp, Albatros**: 19 1/10: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Manyeleti, Hermitage camp**: Collection Date Unknown: Haagner, G.: TM: 1 [1 - 1 - 1].
- Manzengwenya Forest Station**: Collection Date Unknown: ? : Collector Unknown: TM: 4 [4 - 4] - 19 6/01: ? : Collector Unknown: TM: 2 [2 - 2 - 6].
- Maria van Riebeeck Nature Reserve**: Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3] - 19 2/06: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 4].
- Mariepskop**: Collection Date Unknown: Meester, J.: TM: 13 [13 - 13 - 13].
- Mariepskop Research Station**: Collection Date Unknown: ? : Collector Unknown: TM: 5 [5 - 5 - 5].
- Marone**: 19 3/01: Zumpt, F. (dr.): BMNH: 1 [1 - 1 - 1].
- Marop**: 19 0/06: Dippenaar, N.J. (dr.): TM: 1 [1 - 1 - 1].
- Marquard**: 19 0/14: ? : Collector Unknown: NMB: 1 [1 - 1 - 1].
- Mashikiri windmill**: Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4]; Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel and van der Merwe, Mac. (Dr.): TM: 4 [4 - 8] - 19 1/28: ? : Collector Unknown: TM: 4 [4 - 4] - 19 3/04: ? : Collector Unknown: TM: 4 [4 - 4] - 19 4/23: ? : Collector Unknown: TM: 2 [2 - 2 - 18].
- Masinda Camp**: Collection Date Unknown: Astrup, M.: TM: 1 [1 - 1 - 1].
- Matitobe dam**: Collection Date Unknown: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Matlapitsi Caves**: 19 2/12: ? : Collector Unknown: TM: 12 [12 - 12 - 12].
- Matlepets Valley**: 19 3/29: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Matubatuba**: Collection Date Unknown: Visser, John: TM: 1 [1 - 1 - 1].
- Matukwata Dam**: 19 5/15: ? : Collector Unknown: TM: 1 [1 - 1] - 19 5/16: ? : Collector Unknown: TM: 2 [2 - 2 - 3].
- Matukwatadam**: Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2 - 2].
- Matupa Cave**: 19 4/27: J Meester D Steyman: TM: 1 [1 - 1 - 1].
- Mayville**: Collection Date Unknown: Noome, F.O.: TM: 1 [1 - 1 - 1].
- Mazelfontein**: 19 2/08: Sopper, H.: TM: 1 [1 - 1 - 1].
- Melmoth**: Collection Date Unknown: Taylor, Peter John (Dr.) and Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1 - 1].
- Merrivale**: Collection Date Unknown: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1 - 1].
- Messina**: Collection Date Unknown: Kearney, Teresa Catherine (Dr.): DNSM: 2 [2 - 2 - 2].
- Messina Nature Reserve**: Collection Date Unknown: Kearney, Teresa Catherine (Dr.): DNSM: 14 [14]; West, Sean D. (TPA): TM: 3 [3 - 17] - 19 3/14: ? : Collector Unknown: TM: 1 [1 - 1] - 19 3/15: ? : Collector Unknown: TM: 1 [1]; West, Sean D. (TPA): TM: 1 [1 - 2 - 20].
- Middelburg**: Collection Date Unknown: Gow, C.: SAMC: 1 [1 - 1 - 1].
- Mid-Illovo**: 19 9/22: Smith, S.A.: TM: 1 [1 - 1 - 1].
- Mimbo, on Limpopo**: 19 9/21: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Minaars cave**: 20 5/14: Peinke, Dean M (Dr.) (Gauteng Nature Conservation): TM: 1 [1 - 1 - 1].
- Mission Rock**: 19 9/29: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Mission Rocks**: Collection Date Unknown: Taylor, Peter John (Dr.); Kearney, Teresa Catherine (Dr.) and Mari: DNSM: 3 [3 - 3] - 19 5/16: ? : Collector Unknown: TM: 4 [4 - 4 - 7].
- Mission Rocks Outpost**: 19 2/07: ? : Collector Unknown: TM: 1 [1 - 1] - 19 2/12: ? : Collector Unknown: TM: 1 [1 - 1] - 19 2/14: ? : Collector Unknown: TM: 2 [2 - 2 - 4].
- Mission Rocks, Bats Cave**: 19 2/18: ? : Collector Unknown: TM: 1 [1 - 1] - 19 9/27: ? : Collector Unknown: TM: 14 [14 - 14 - 15].
- Mitchells Pass**: 19 0/07: Roberts, Austin: TM: 1 [1 - 1] - 19 1/07: Fitzsimons, V.: TM: 1 [1 - 1 - 2].

- Mkuze River:** 20 8/21: White, Wendy: DNSM: 1 [1 - 1 - 1].
- Mkuzi Game Reserve:** 19 2/15: Tomkinson, T.: TM: 1 [1 - 1] - 19 3/02: Goodman, P.S.: DNSM: 1 [1 - 1] - 19 7/25: Goodman, K.P.: DNSM: 1 [1 - 1] - 20 8/12: White, Wendy: DNSM: 1 [1 - 1] - 19 8/13: Kearney, Teresa Catherine (Dr.): DNSM: 4 [4 - 4] - 20 8/21: White, Wendy: DNSM: 1 [1 - 1] - 19 9/24: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 10].
- Mkuzi River:** 19 0/09: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 1/03: Roberts, Austin: TM: 4 [4 - 4] - 19 9/23: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 16 [16 - 16] - 19 9/25: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 22].
- Mmabolela Estates:** 19 3/09: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Mmabolela Estates [=Mmqbolela Estates]:** 19 2/09: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 3/08: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 2].
- Mngadyana Koppie, cave:** Collection Date Unknown: Bronner, Gary Neil (dr.): TM: 4 [4 - 4 - 4].
- Mockford Garden:** 19 0/27: ? : Collector Unknown: TM: 5 [5 - 5] - 19 1/23: ? : Collector Unknown: TM: 2 [2 - 2] - 19 1/26: ? : Collector Unknown: TM: 2 [2 - 2] - 19 5/11: ? : Collector Unknown: TM: 2 [2 - 2] - 19 6/08: ? : Collector Unknown: TM: 1 [1 - 1 - 12].
- Mockford's garden:** Collection Date Unknown: ? : Collector Unknown: TM: 12 [12]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 14] - 19 1/19: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 1/23: Penzhorn, B.L. and Kilian, J.A.: TM: 1 [1 - 1] - 19 1/27: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - 19 2/04: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - 19 2/06: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 2/10: Rautenbach, Ignatius L. (Dr.) [=Naas] and Nel, J.: TM: 1 [1 - 1] - 19 2/15: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 2/23: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 3/03: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 5/06: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 5/08: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3] - 19 5/10: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - 19 5/11: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - 19 5/11: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - 19 5/12: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - 19 6/08: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 7/22: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - 19 8/03: Schlitter, Duane A. (dr.): CM: 1 [1 - 1] - 19 9/13: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (dr.): TM: 2 [2 - 2] - 19 9/14: Schlitter, Duane A. (dr.): CM: 1 [1 - 1] - 19 9/15: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (dr.): TM: 2 [2 - 2 - 46].
- Modderfontein:** 19 4/26: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Mogale City [=Krugersdorp]:** Collection Date Unknown: ? : Collector Unknown: BMNH: 2 [2 - 2] - 19 1/06: van Son, G.: TM: 1 [1 - 1] - 19 1/07: van Son, G.: TM: 2 [2 - 2] - 19 1/30: van Son, G.: TM: 1 [1 - 1 - 6].
- Mokeetsi:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1]; Mare, D.: TM: 1 [1 - 2] - 19 5/06: ? : Collector Unknown: TM: 1 [1 - 1] - 19 5/08: ? : Collector Unknown: TM: 1 [1 - 1 - 4].
- Moketsi:** 19 3/28: Streeter, F.: TM: 1 [1 - 1 - 1].
- Molopo Nature Reserve:** 19 3/11: Newbery, C. (NWP: DTEA): TM: 1 [1 - 1] - 19 9/24: Newbery, C. (NWP Nat. Cons.): TM: 1 [1 - 1 - 2].
- Molopo Nature Reserve, swimming tank:** Collection Date Unknown: ? : Collector Unknown: MMK: 2 [2 - 2 - 2].
- Monument Park:** 19 8/25: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].
- Monument Park caves:** 19 8/03: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 5 - 5].
- Mooi River district:** Collection Date Unknown: ? : Collector Unknown: NM: 3 [3 - 3 - 3].
- Mooimeisiesfontein:** 19 5/28: Powell, W.: TM: 1 [1 - 1 - 1].
- Mooiplaas, SAPPI:** Collection Date Unknown: Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): DNSM: 15 [15]; Taylor, Peter John (Dr.) and Kearney, Teresa Catherine (Dr.): DNSM: 7 [7 - 22 - 22].
- Mooivlei:** 19 8/02: ? : Collector Unknown: TM: 1 [1 - 1] - 19 8/15: ? : Collector Unknown: TM: 1 [1 - 1 - 2].
- Mooketsi:** 20 3/12: Fernsby, Nigel: TM: 2 [2 - 2 - 2].
- Mosdene Nature Reserve:** 19 4/13: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Mosdene Private Nature Reserve:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas] and Dippenaar, Nico J. (Dr.): TM: 1 [1 - 1 - 1].
- Mosely:** 19 2/03: ? : Collector Unknown: DNSM: 1 [1 - 1 - 1].
- Motale River:** Collection Date Unknown: Noome and White: TM: 1 [1 - 1] - 19 7/04: Noome and White: TM: 1 [1 - 1 - 2].
- Mount Currie Nature Reserve:** 19 1/01: Crowson, J.: TM: 1 [1 - 1] - 19 1/21: Crowson, T.: TM: 1 [1 - 1 - 2].
- Mount Moreland, 12 Williams Road:** Collection Date Unknown: Vickers, H.: DNSM: 1 [1 - 1 - 1].
- Mountain Lakes Adventure Campsite:** Collection Date Unknown: Taylor, Peter John (Dr.) and Kearney, Teresa Catherine (Dr.): DNSM: 4 [4 - 4 - 4].
- Mountain View:** 19 8/04: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Mphahlele River:** 19 0/24: Copley, R.B.: TM: 1 [1 - 1 - 1].
- Mpila Trails Store:** 19 6/16: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Mpumalanga:** 20 0/25: Cohen, Lientjie (Mpumalanga Parks Board): TM: 3 [3 - 3] - 20 0/27: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1] - 20 5/17: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 5].
- Mqanduli:** 19 3/04: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Msikaba river mouth:** Collection Date Unknown: Roberts, A.: TM: 1 [1 - 1 - 1].
- Msinga Hide:** 19 8/12: Taylor, Peter John (Dr.) et al.: DNSM: 2 [2 - 2] - 19 8/13: Taylor, Peter John (Dr.) et al.: DNSM: 4 [4 - 4 - 6].
- Msinga pan:** 19 2/21: Davies, R. and Walker, P.: TM: 1 [1 - 1] - 19 9/24: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 9 [9 - 9 - 10].
- Msinyini pan:** 19 7/19: ? : Collector Unknown: TM: 2 [2 - 2 - 2].
- Mtambanana:** Collection Date Unknown: Roberts, A.: TM: 1 [1 - 1 - 1].
- Municipal Bird Sanctuary:** 19 8/03: Bronner, Gary Neil (dr.): TM: 1 [1]; Bronner, Gary Neil (dr.) et al: TM: 13 [13 - 14] - 19 8/04: Bronner, Gary Neil (dr.) et al: TM: 1 [1 - 1] - 19 8/06: Bronner, Gary Neil (dr.): TM: 5 [5 - 5 - 20].
- Munthouse, Visagie Street:** 19 0/23: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Murraysburg, NW of:** Collection Date Unknown: ? : Collector Unknown: KM: 16 [16 - 16 - 16].
- Mutale River:** 19 6/26: ? : Collector Unknown: TM: 1 [1 - 1] - 19 6/30: ? : Collector Unknown: TM: 2 [2 - 2 - 3].
- N2 crosses Umhlanga River:** 19 2/18: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Namaba:** Collection Date Unknown: Roberts, Austin: TM: 1 [1 - 1 - 1].
- Natal:** Collection Date Unknown: Coghill, D.: AMNH: 1 [1]; Stopp, K. and Mumford, R.E.: ROM: 1 [1 - 2] - 18 1/01: Schlüter, Wm.: SMNS: 1 [1 - 1 - 3].
- Natal Midlands, Nottingham Road, Clifton school:** Collection Date Unknown: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1

- 1 - 1].
- Natures Valley Village:** 19 1/18: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 4 4]; Schlitter, Duane A. (dr.): CM: 3 3 - 7 - 7].
- Navors Suburb, Residence:** 19 0/01: ? : Collector Unknown: TM: 1 1 - 1 - 1].
- Ndumu Game Reserve:** Collection Date Unknown: ? : Collector Unknown: TM: 5 5]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 1 - 6] - 19 4/15: ? : Collector Unknown: TM: 3 3]; Gutteling (Mrs.): TM: 2 2 - 5] - 19 9/15: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 1 - 1] - 19 9/16: ? : Collector Unknown: TM: 16 16]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 4 - 20] - 19 9/18: ? : Collector Unknown: TM: 10 10 - 10] - 19 9/19: ? : Collector Unknown: TM: 8 8]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 2 - 10] - 19 9/20: ? : Collector Unknown: TM: 7 7 - 7 - 59].
- Ndumu Police Station:** 19 4/09: ? : Collector Unknown: NM: 1 1 - 1 - 1].
- Ndumu store:** 19 9/22: ? : Collector Unknown: TM: 16 16 - 16 - 16].
- near Muldersdrift:** Collection Date Unknown: ? : Collector Unknown: West, Sean D. (GNC): TM: 1 1 - 1 - 1].
- near Port Natal [=Durban]:** Collection Date Unknown: ? : Collector Unknown: BMNH: 2 2 - 2 - 2].
- near Stutterheim:** Collection Date Unknown: ? : Collector Unknown: KM: 1 1 - 1 - 1].
- Nelspruit:** Collection Date Unknown: ? : Collector Unknown: TM: 3 3]; Breyer, H.G. (dr.): TM: 1 1 - 4] - 19 1/01: Zumpt, F. (dr.): SMNS: 1 1 - 1] - 19 1/04: van Rhyen, J.: TM: 1 1 - 1] - 19 4/09: ? : Collector Unknown: TM: 1 1]; du Preez, J.: TM: 1 1 - 2] - 19 4/25: Zumpt, F. (dr.): SMNS: 1 1 - 1] - 19 5/27: ? : Collector Unknown: TM: 1 1 - 1 - 10].
- Nelspruit, 32 km NW:** 19 1/20: Robbins, Lynn W.: CM: 1 1 - 1 - 1].
- Nelspruit, 4 mi E, 2 mi S:** 19 9/26: Hepplewhite, R.D.: USNM: 2 2 - 2 - 2].
- Nelspruit, near:** Collection Date Unknown: ? : Collector Unknown: Douglas, R.: TM: 1 1 - 1 - 1].
- New Agatha Forest Reserve:** 19 3/02: Dippenaar, N.J. (dr.): TM: 1 1 - 1] - 19 3/30: Dippenaar, N.J. (dr.): TM: 1 1 - 1] - 19 3/31: Dippenaar, N.J. (dr.): TM: 2 2 - 2] - 19 4/02: Dippenaar, N.J. (dr.): TM: 4 4 - 4 - 8].
- New Figtree camp:** 19 0/20: ? : Collector Unknown: TM: 1 1 - 1] - 19 2/05: ? : Collector Unknown: TM: 2 2 - 2] - 19 4/11: ? : Collector Unknown: TM: 6 6 - 6 - 9].
- New figtree forest:** Collection Date Unknown: ? : Collector Unknown: TM: 6 6]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 2 - 8] - 19 2/05: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 1 - 1] - 19 4/11: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 4 - 4] - 19 7/28: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 1 - 1 - 14].
- New Hanover school:** Collection Date Unknown: ? : Collector Unknown: DNSM: 1 1 - 1 - 1].
- New Mucelneuck:** 19 0/20: Roberts, Austin: TM: 1 1 - 1] - 19 5/20: Roberts, V.: TM: 1 1 - 1 - 2].
- New Muckleneuk:** 19 0/21: ? : Collector Unknown: TM: 1 1 - 1] - 19 2/20: Roberts, R.A.: TM: 1 1 - 1] - 19 3/18: ? : Collector Unknown: TM: 1 1 - 1 - 3].
- New Muckleneuk, 351 Rey Street:** Collection Date Unknown: ? : Collector Unknown: TM: 1 1 - 1 - 1].
- Newington, 11 km N:** 19 4/11: Herbert, H.J.: TM: 1 1 - 1 - 1].
- Newton Park:** 19 0/07: Kemp, A.: TM: 1 1 - 1 - 1].
- Ngodwena:** 20 8/13: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 1 - 1 - 1].
- Ngome Forest Reserve:** Collection Date Unknown: ? : Collector Unknown: TM: 10 10]; Bronner, Gary Neil (dr.): TM: 1 1 - 11] - 19 2/10: Nanni, R.: TM: 1 1 - 1] - 19 2/11: ? : Collector Unknown: TM: 1 1 - 1] - 19 3/09: ? : Collector Unknown: TM: 1 1 - 1] - 19 3/10: Muller, H.: TM: 5 5 - 5] - 19 3/11: Bronner, Gary Neil (dr.): TM: 1 1 - 1] - 19 3/12: ? : Collector Unknown: TM: 1 1 - 1] - 19 3/14: ? : Collector Unknown: TM: 1 1]; GNB: TM: 1 1]; Mothlasedi, S: TM: 1 1 - 3] - 19 4/26: ? : Collector Unknown: TM: 1 1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 1 - 2] - 19 4/28: ? : Collector Unknown: TM: 1 1 - 1] - 19 4/29: ? : Collector Unknown: TM: 1 1 - 1] - 19 4/30: ? : Collector Unknown: TM: 1 1 - 1 - 29].
- Ngome Police Station:** 19 3/12: ? : Collector Unknown: TM: 1 1 - 1 - 1].
- Ngoye hills:** 19 0/26: Grant, C.H.B. (Capt.): BMNH: 1 1 - 1 - 1].
- Ngqeleni:** Collection Date Unknown: ? : Collector Unknown: TM: 1 1 - 1] - 19 3/27: ? : Collector Unknown: TM: 1 1 - 1] - 19 8/23: ? : Collector Unknown: TM: 1 1 - 1 - 3].
- Ngqeleni district:** Collection Date Unknown: Shortridge, Guy C. (Capt.): TM: 1 1 - 1] - 19 2/22: Swinny, H.H.: TM: 1 1 - 1] - 19 2/23: Swinny, H.H.: TM: 1 1 - 1 - 3].
- Ngubevu mine:** 19 4/14: Wolhuter, D.A.: TM: 4 4 - 4] - 19 9/07: ? : Collector Unknown: TM: 17 17 - 17 - 21].
- Nguhbu Picnic:** Collection Date Unknown: Seamark, Ernest Charles James: DNSM: 1 1 - 1 - 1].
- Ngwenya:** 19 6/01: ? : Collector Unknown: TM: 2 2 - 2 - 2].
- Nhlonhela pan:** 19 9/22: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 5 - 5 - 5].
- Nkandla Forest Reserve:** Collection Date Unknown: Taylor, Peter John (Dr.) and White, Wendy: DNSM: 2 2 - 2 - 2].
- no specific locality:** Collection Date Unknown: Brandt: ZMB: 1 1 - 1 - 1].
- Nongoma:** Collection Date Unknown: Erasmus, E.: TM: 2 2 - 2 - 2].
- Norlim mine [=Buxton mine]:** Collection Date Unknown: Herselman, J.C.: KM: 5 5 - 5] - 19 2/23: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 19 19 - 19] - 19 5/10: James, D.K.: ZMA: 3 3 - 3 - 27].
- North Park Nature Reserve:** Collection Date Unknown: Kearney, Teresa Catherine (Dr.): DNSM: 2 2 - 2 - 2].
- Northern Sewage Works:** 19 9/09: ? : Collector Unknown: TM: 33 33]; Wolhuter, D.A. and Cassidy, R.J.: TM: 1 1 - 34 - 34].
- Nottingham Road:** Collection Date Unknown: Fly, R.: DNSM: 1 1 - 1 - 1].
- Nqubevu mine:** 19 9/07: Wolhuter, D.A. and Cassidy, R.J.: TM: 59 59 - 59 - 59].
- Ntambanana:** 19 6/16: ? : Collector Unknown: TM: 1 1 - 1 - 1].
- Nwanedi:** Collection Date Unknown: Visser, David: TM: 6 6 - 6 - 6].
- Nwanedzi Camp, dam 1 km NWN:** 19 2/01: ? : Collector Unknown: TM: 5 5 - 5] - 19 2/02: ? : Collector Unknown: TM: 1 1 - 1 - 6].
- Nwanedzi, 3 km SE:** 19 4/10: ? : Collector Unknown: TM: 5 5 - 5 - 5].
- Nwanetzi, 1 km N:** 19 2/01: Koopman, Karl F.: AMNH: 2 2 - 2 - 2].
- Nyala and Main Roads junction:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 1 - 1] - 19 4/12: ? : Collector Unknown: TM: 1 1 - 1 - 2].
- Nyalazi Forest:** 19 0/31: ? : Collector Unknown: TM: 1 1 - 1] - 19 2/14: ? : Collector Unknown: TM: 1 1 - 1] - 19 2/17: ? : Collector Unknown: TM: 6 6 - 6] - 19 3/16: ? : Collector Unknown: TM: 1 1 - 1 - 9].
- Nyellele River:** 19 0/09: ? : Collector Unknown: TM: 1 1 - 1 - 1].
- Nylstroom:** Collection Date Unknown: Carr, R.D.: TM: 1 1 - 1 - 1].
- Nylsvlei Nature Reserve:** Collection Date Unknown: Bronner, Gary Neil (dr.): TM: 1 1]; Jacobsen, N.J.: TM: 1 1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 1 - 3] - 19 3/09: Korn, Dr.: TM: 1 1 - 1 - 4].
- Nylsvlei Provincial Nature Reserve:** 19 1/26: ? : Collector Unknown: TM: 1 1 - 1] - 19 7/20: ? : Collector Unknown: TM: 1 1 - 1

- 2].
- OFD workings:** 19 0/13: Jameson, H. Lyster: TM: 1 [1 - 1 - 1].
- old bridge over Nwanedzi River:** 19 1/30: ? : Collector Unknown: TM: 5 [5 - 5 - 5].
- Old Culling camp:** 19 0/27: ? : Collector Unknown: TM: 1 [1 - 1] - Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 1/27: ? : Collector Unknown: TM: 8 [8 - 8] - 19 7/27: ? : Collector Unknown: TM: 5 [5 - 5 - 15].
- Old Fig Tree Forest:** 19 0/23: ? : Collector Unknown: TM: 2 [2 - 2 - 2].
- Old Figtree forest:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2] - 19 4/11: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 3].
- Old picnic site:** 19 0/02: Wolhuter, D.A. and Cassidy, R.J.: TM: 1 [1 - 1] - 19 0/05: ? : Collector Unknown: TM: 2 [2 - 2] - 19 0/06: ? : Collector Unknown: TM: 4 [4 - 4] - 19 0/25: ? : Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 8 [8 - 9] - Collection Date Unknown: ? : Collector Unknown: TM: 9 [9]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4]; Wolhuter, D.A. et al.: TM: 1 [1 - 14] - 19 1/20: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 1/24: ? : Collector Unknown: TM: 5 [5]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 10] - 19 1/30: ? : Collector Unknown: TM: 4 [4]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 7 [7 - 11] - 19 2/01: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 2/01: ? : Collector Unknown: TM: 3 [3]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 4] - 19 2/19: ? : Collector Unknown: TM: 1 [1 - 1] - 19 2/29: ? : Collector Unknown: TM: 1 [1 - 1] - 19 3/08: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3] - 19 4/12: ? : Collector Unknown: TM: 6 [6]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 7 [7 - 13] - 19 4/13: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 5] - 19 4/19: ? : Collector Unknown: TM: 8 [8]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 10] - 19 4/26: ? : Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 6] - 19 5/09: Rautenbach, Ignatius L. (Dr.) [=Naas]: CM: 1 [1 - 1] - 19 5/27: ? : Collector Unknown: TM: 4 [4]; Wolhuter, D.A.: TM: 1 [1]; Wolhuter, D.A. et al.: TM: 6 [6 - 11] - 19 5/28: ? : Collector Unknown: TM: 2 [2]; Grimbeek, Anton: TM: 1 [1]; Wolhuter, D.A. et al.: TM: 5 [5 - 8] - 19 5/29: ? : Collector Unknown: TM: 3 [3]; Wolhuter, D.A. et al.: TM: 3 [3 - 6] - 19 6/30: ? : Collector Unknown: TM: 1 [1 - 1] - 19 8/25: ? : Collector Unknown: TM: 3 [3]; Wolhuter, D.A. et al.: TM: 1 [1 - 4] - 19 9/29: Wolhuter, D.A. et al.: TM: 1 [1 - 1 - 128].
- Olifants Camp, 7 km W:** 19 1/26: ? : Collector Unknown: TM: 5 [5 - 5 - 5].
- Olifants Rest Camp, 7 km W:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 7 [7 - 7 - 7].
- Olifants River:** Collection Date Unknown: ? : Collector Unknown: MMK: 2 [2]; Noome, F.O.: TM: 1 [1 - 3 - 3].
- Olifants, 7 km W:** 19 1/26: Koopman, Karl F.: AMNH: 1 [1 - 1 - 1].
- Olifantsfontein, 42 Oribi Ave:** Collection Date Unknown: Dehning, C.: TM: 1 [1 - 1 - 1].
- Omdraaivlei:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Onderstepoort:** Collection Date Unknown: Veterinary Research Lab: TM: 1 [1]; Zoological Survey: TM: 2 [2 - 3] - 19 1/17: ? : Collector Unknown: TM: 1 [1 - 1] - 19 2/22: ? : Collector Unknown: TM: 1 [1 - 1 - 5].
- Orange River confluence:** Collection Date Unknown: ? : Collector Unknown: BMNH: 1 [1 - 1 - 1].
- Orange River Station:** 19 8/12: ? : Collector Unknown: NMB: 1 [1 - 1 - 1].
- Orange River, near south bank:** Collection Date Unknown: ? : Collector Unknown: SAMC: 1 [1 - 1 - 1].
- Oribi Gorge Nature Reserve:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1 - 1] - 19 1/01: ? : Collector Unknown: TM: 2 [2 - 2] - 19 1/23: ? : Collector Unknown: TM: 2 [2 - 2] - 19 2/18: ? : Collector Unknown: TM: 1 [1 - 1] - 19 2/19: ? : Collector Unknown: TM: 1 [1 - 1] - 19 2/20: ? : Collector Unknown: TM: 1 [1 - 1 - 8].
- Oribi Gorge Nature Reserve, Huttet camp:** 19 1/23: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Oribi Gorge Ranch:** Collection Date Unknown: Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): DNSM: 2 [2 - 2 - 2].
- Oribi-Lind Valley Game Ranch:** 19 1/24: ? : Collector Unknown: TM: 6 [6]; Sowler, G.A. and Sowler, S.G.: TM: 8 [8 - 14 - 14].
- Ottershoop:** 19 0/20: Raven, H.C.: USNM: 1 [1 - 1 - 1].
- Otto's Bluff:** 19 0/03: ? : Collector Unknown: TM: 3 [3 - 3] - 19 1/10: ? : Collector Unknown: TM: 4 [4 - 4] - 19 9/10: ? : Collector Unknown: TM: 11 [11 - 11 - 18].
- Ottos Bluff [=Koks farm]:** Collection Date Unknown: Wolhuter, D.A.: TM: 1 [1 - 1 - 1].
- P.K. Santa:** Collection Date Unknown: Greyling, A.: TM: 1 [1 - 1 - 1].
- Pafuri:** Collection Date Unknown: ? : Collector Unknown: TM: 19 [19]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2]; Schlitter, Duane A. (dr.): CM: 2 [2 - 23] - 19 1/19: Koopman, Karl F.: AMNH: 3 [3 - 3] - 19 1/22: Koopman, Karl F.: AMNH: 1 [1 - 1] - 20 1/24: MacFadyen, D. and Kone, J.: TM: 21 [21 - 21] - 19 1/24: ? : Collector Unknown: TM: 4 [4 - 4] - 19 5/06: ? : Collector Unknown: TM: 2 [2]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 3] - 19 5/07: ? : Collector Unknown: NMB: 1, TM: 4 [5 - 5] - 19 5/08: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 5/09: ? : Collector Unknown: TM: 5 [5 - 5] - 19 5/10: ? : Collector Unknown: TM: 1 [1 - 1] - 19 5/11: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 5/12: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 6/08: ? : Collector Unknown: TM: 1 [1 - 1 - 70].
- Pafuri, Bridge:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2 - 2].
- Pafuri, Research camp:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2 - 2].
- Pafuri, upstream site:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].
- Pafuri, Figtree Forest, downstream:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3 - 3].
- Park Rynie:** Collection Date Unknown: ? : Collector Unknown: DNSM: 1 [1 - 1 - 1].
- Pennington:** 19 2/03: Robbins, Lynn W.: CM: 4 [4 - 4] - 19 2/04: Robbins, Lynn W.: CM: 4 [4 - 4 - 8].
- Percy Fyfe Nature Reserve:** Collection Date Unknown: West, Sean D.: TM: 1 [1]; West, Sean D. (TPA): TM: 3 [3 - 4] - 19 3/19: ? : Collector Unknown: TM: 1 [1 - 1 - 5].
- Perkeo ? 223KT:** 20 9/07: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 1].
- Petrusburg:** 19 6/01: ? : Collector Unknown: NMB: 1 [1 - 1 - 1].
- Phillipolis:** 19 1/13: ? : Collector Unknown: NMB: 3 [3 - 3] - 19 9/07: ? : Collector Unknown: NMB: 3 [3 - 3 - 6].
- Phillipolis:** 19 0/08: ? : Collector Unknown: NMB: 2 [2 - 2 - 2].
- Picnic site:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 4] - 19 2/13: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 3/07: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 6 [6 - 6 - 11].
- Pietermaritzburg:** 19 0/10: ? : Collector Unknown: TM: 2 [2 - 2] - 19 0/12: ? : Collector Unknown: TM: 5 [5 - 5] - Collection Date Unknown: ? : Collector Unknown: SMF: 5, TM: 1 [6]; Frichmann, H.: USNM: 1 [1]; Richardson and Kearney, Teresa Catherine (Dr.): DNSM: 1 [1]; Taylor, Peter John (Dr.) and Kearney, Teresa Catherine (Dr.): DNSM: 2 [2 - 10] - 19 2/01: ? : Collector Unknown: TM: 1 [1 - 1] - 19 2/02: Clancey, P.A.: HZM: 1 [1 - 1] - 19 2/09: ? : Collector Unknown: TM: 1 [1 - 1] - 19 2/26: ? : Collector Unknown: TM: 1 [1 - 1] - 19 2/29: ? : Collector Unknown: SMF: 1 [1 - 1] - 19 3/02: ? : Collector Unknown: TM: 1 [1 - 1] - 19 3/25: ? : Collector Unknown: TM: 1 [1 - 1] - 19 6/01: Clancey, P.A.: HZM: 1 [1 - 1]

- 19 6/09: ? : Collector Unknown: TM: 2 [2 - 2] - 19 7/11: Meester, J.A.J. "Waldo": SMF: 1 [1 - 1] - 19 7/18: Meester, J.A.J. "Waldo": SMF: 1 [1 - 1] - 19 7/21: Meester, J.A.J. "Waldo": SMF: 1 [1 - 1 - 30].
- Pietermaritzburg, University Campus, Science block:** 19 5/24: Wingate, Lloyd R.: TM: 1 [1 - 1] - 19 5/24: Wingate, Lloyd R.: TM: 2 [2 - 2 - 3].
- Pietersburg:** Collection Date Unknown: ? : Collector Unknown: TM: 2 [2 - 2] - 19 5/01: ? : Collector Unknown: TM: 2 [2 - 2 - 4].
- Pietersburg, farm near:** 19 1/16: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Pigeon Valley:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1 - 1] - 19 8/25: ? : Collector Unknown: TM: 1 [1 - 1 - 2].
- Pigeon Valley Park:** Collection Date Unknown: Kearney, Teresa Catherine (Dr.): DNSM: 2 [2 - 2 - 2].
- Pilanesberg National Park:** 19 3/10: Grant, K.: TM: 2 [2 - 2 - 2].
- Pilanesberg Nature Reserve, Old mine audit:** Collection Date Unknown: Jacobsen, N.J.: TM: 1 [1 - 1 - 1].
- Pinetown:** Collection Date Unknown: Richardson, E.: DNSM: 1 [1 - 1 - 1].
- Pirie Trout hatchery:** 19 2/01: Davidson: KM: 1 [1 - 1 - 1].
- Pirie, Pirie Mission:** Collection Date Unknown: Godfrey, R. (Rev.): SAMC: 7 [7 - 7 - 7].
- Point Caravan Park:** Collection Date Unknown: ? : Collector Unknown: DNSM: 1 [1 - 1 - 1].
- Pondoland:** Collection Date Unknown: Bachmann: ZMB: 1 [1 - 1 - 1].
- Pongola Biosphere Reserve, Mpalane Lodge:** Collection Date Unknown: Taylor, Peter John (Dr.); Jacobs, David S. (Dr.); et al.: DNSM: 5 [5 - 5 - 5].
- Pongola River Bridge:** 19 0/07: Taylor, Peter John (Dr.); Jacobs, David S. (Dr.); et al.: DNSM: 1 [1 - 1] - Collection Date Unknown: Taylor, Peter John (Dr.); Jacobs, David S. (Dr.); et al.: DNSM: 17 [17 - 17 - 18].
- Pongola, 9 Jan Kemlaan:** 19 0/21: ? : Collector Unknown: TM: 1 [1 - 1] - 19 9/25: ? : Collector Unknown: TM: 4 [4 - 4 - 5].
- Pongoland:** 19 9/20: Wessels: TM: 2 [2 - 2 - 2].
- Pongolapoort Dam:** 19 8/21: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Pongolapoort Dam [=Pongola dam], dams inspection tunnels:** Collection Date Unknown: ? : Collector Unknown: DNSM: 1 [1 - 1] - 19 1/28: Taylor, Peter John (Dr.); Jacobs, David S. (Dr.); et al.: DNSM: 7 [7 - 7] - 19 8/14: Taylor, Peter John (Dr.) et al.: DNSM: 11 [11 - 11] - 19 8/31: Taylor, Peter John (Dr.) and Kearney, Teresa Catherine (Dr.): DNSM: 2 [2 - 2 - 21].
- Port Alfred:** Collection Date Unknown: Penther, A. (Dr.): NMW: 1 [1 - 1 - 1].
- Port Elisabeth:** Collection Date Unknown: Braune, Dr.: NMW: 1 [1 - 1] - 19 6/05: ? : Collector Unknown: HZM: 1 [1 - 1] - 19 7/01: Pringle, J.A.: HZM: 1 [1 - 1 - 3].
- Port Natal [=Durban]:** Collection Date Unknown: Gueinzus: ZMB: 1 [1]; Mohr: ZMB: 1 [1]; Schlüter, A.: ZMB: 1 [1 - 3 - 3].
- Port Nolloth, 15 mi inland:** Collection Date Unknown: Shortridge, Guy C. (Capt.): KM: 1 [1 - 1 - 1].
- Port Shepstone, 48 km NE:** Collection Date Unknown: ? : Collector Unknown: CM: 1 [1]; Robbins, Lynn W.: CM: 2 [2 - 3 - 3].
- Port St Johns:** 19 1/05: Swinny, H.H.: TM: 1 [1 - 1] - 19 2/11: Swinny, H.H.: TM: 1 [1 - 1] - 19 3/05: Swinny, H.H.: TM: 1 [1 - 1] - 19 3/21: Swinny, H.H.: TM: 1 [1 - 1] - 19 4/30: Swinny, H.H.: TM: 1 [1 - 1] - 19 6/24: ? : Collector Unknown: BMNH: 1 [1 - 1] - 19 6/25: ? : Collector Unknown: BMNH: 1 [1 - 1 - 7].
- Port St. Johns:** Collection Date Unknown: ? : Collector Unknown: SAMC: 1, TM: 7 [8]; Meester, J.: TM: 3 [3]; Swinny, H.H.: TM: 6 [6 - 17] - 19 2/07: ? : Collector Unknown: TM: 1 [1 - 1] - 19 2/23: ? : Collector Unknown: TM: 2 [2 - 2] - 19 2/26: Swinny, H.H.: TM: 1 [1 - 1] - 19 3/24: Swinny, H.H.: TM: 1 [1 - 1] - 19 4/20: Swinny, H.H.: TM: 1 [1 - 1] - 19 4/27: ? : Collector Unknown: TM: 1 [1]; Swinny, H.H.: TM: 1 [1 - 2] - 19 4/28: ? : Collector Unknown: TM: 1 [1 - 1] - 19 4/30: Swinny, H.H.: TM: 1 [1 - 1] - 19 4/30: ? : Collector Unknown: TM: 1 [1]; Swinny, H.H.: TM: 1 [1 - 2] - 19 5/01: ? : Collector Unknown: TM: 1 [1 - 1] - 19 5/02: ? : Collector Unknown: TM: 1 [1 - 1] - 19 5/03: ? : Collector Unknown: TM: 1 [1 - 1] - 19 6/12: Swinny, H.H.: TM: 2 [2 - 2] - 19 6/23: Swinny, H.H.: TM: 1 [1 - 1] - 19 8/22: Shortridge, Guy C. (Capt.): SAMC: 1 [1 - 1] - 19 8/26: Shortridge, Guy C. (purchased): SAMC: 1 [1 - 1 - 37].
- Postberg Nature Reserve:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 2/30: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 2].
- Potchefstroom:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1]; Jameson, E. (Dr.): BMNH: 1 [1 - 2] - 19 4/21: Jameson, H. Lyster: TM: 1 [1 - 1] - 19 7/16: ? : Collector Unknown: NMB: 1 [1 - 1] - 19 8/12: ? : Collector Unknown: TM: 2 [2]; Jameson, H. Lyster: TM: 9 [9 - 11] - 19 8/20: Jameson, H. Lyster: TM: 2 [2 - 2] - 19 8/22: Jameson, H. Lyster: TM: 2 [2 - 2] - 19 9/21: Jameson, H. Lyster: TM: 2 [2 - 2] - 19 9/26: Jameson, H. Lyster: TM: 1 [1 - 1] - 19 9/28: Jameson, H. Lyster: TM: 1 [1 - 1 - 23].
- Potgietersrus:** Collection Date Unknown: Pretorius, H.: TM: 2 [2 - 2] - 19 2/17: ? : Collector Unknown: TM: 1 [1 - 1] - 19 3/20: ? : Collector Unknown: TM: 1 [1 - 1 - 4].
- Pretoria:** 19 0/08: Roberts, Austin: TM: 1 [1 - 1] - 19 0/18: Roberts, Austin and Bedford, G.A.H.: TM: 3 [3 - 3] - 19 0/23: Groenewald: TM: 1 [1 - 1] - Collection Date Unknown: ? : Collector Unknown: TM: 4 [4]; Broom, R. (dr.): TM: 1 [1]; Haagner, A.K. (Dr.): TM: 2 [2]; Noome, F.O.: TM: 2 [2]; Roberts, A.: TM: 1 [1]; Roberts, Austin: TM: 1 [1]; Roberts, Dr.: TM: 1 [1]; The Mines, L. and Smith, D.: TM: 1 [1]; Wortzel, J.: TM: 1 [1 - 14] - 19 1/03: ? : Collector Unknown: TM: 1 [1 - 1] - 19 1/27: ? : Collector Unknown: TM: 1 [1 - 1] - 19 2/03: ? : Collector Unknown: TM: 1 [1 - 1] - 19 2/04: ? : Collector Unknown: TM: 1 [1 - 1] - 19 2/09: ? : Collector Unknown: TM: 1 [1 - 1] - 19 2/10: ? : Collector Unknown: TM: 1 [1 - 1] - 19 2/21: ? : Collector Unknown: MZUF: 1 [1 - 1] - 19 2/26: ? : Collector Unknown: TM: 1 [1 - 1] - 19 3/04: Smith, L. and Smith, D.: TM: 1 [1 - 1] - 19 3/05: ? : Collector Unknown: TM: 1 [1 - 1] - 19 3/11: ? : Collector Unknown: TM: 1 [1]; Powell, W.: TM: 1 [1 - 2] - 19 4/12: ? : Collector Unknown: TM: 2 [2 - 2] - 19 4/24: Noome, F.O.: TM: 4 [4 - 4] - 19 5/01: ? : Collector Unknown: TM: 2 [2 - 2] - 19 6/14: Roberts, Austin: TM: 1 [1 - 1] - 19 8/29: ? : Collector Unknown: TM: 1 [1 - 1] - 19 9/06: Roberts, Austin: TM: 2 [2 - 2 - 43].
- Pretoria hospital:** 19 2/06: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Pretoria North:** 19 1/25: ? : Collector Unknown: TM: 1 [1 - 1] - 19 9/13: Carlisle, M.: TM: 1 [1 - 1 - 2].
- Pretoria Zoo:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1 - 1] - 19 1/13: ? : Collector Unknown: TM: 1 [1 - 1 - 2].
- Pretoria Zoological Gardens, near:** Collection Date Unknown: Fernsby, Nigel: TM: 2 [2 - 2 - 2].
- Pretoria Zoo's farm:** Collection Date Unknown: de Jager, J.G.: TM: 1 [1 - 1 - 1].
- Pretoria, 38 Andries Street:** Collection Date Unknown: Roberts, A.: TM: 1 [1 - 1 - 1].
- Pretoria, city centre:** Collection Date Unknown: Maleka Anna and Ndhlovu T.C.: TM: 1 [1 - 1 - 1].
- Punda Malia:** 19 1/23: ? : Collector Unknown: TM: 2 [2 - 2] - 19 3/23: ? : Collector Unknown: TM: 2 [2 - 2] - 19 5/16: ? : Collector Unknown: TM: 5 [5 - 5] - 19 9/01: ? : Collector Unknown: TM: 1 [1 - 1] - 19 9/21: ? : Collector Unknown: TM: 9 [9 - 9] - 19 9/22: ? : Collector Unknown: TM: 1 [1 - 1] - 19 9/23: ? : Collector Unknown: TM: 1 [1 - 1 - 21].
- Punda Maria Camp:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1 - 1] - 19 9/21: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 9 [9 - 9 - 10].

- Punda Maria camp, 2 km N:** 19 1/21: Koopman, Karl F.: AMNH: 2 [2 - 2 - 2].
- Punda Maria, 15 km E:** 19 1/20: Koopman, Karl F.: AMNH: 2 [2 - 2 - 2].
- Punda Milia:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 9 [9 - 9 - 9].
- Punda Milia Camp:** Collection Date Unknown: Long, H.: TM: 1 [1 - 1] - 19 3/23: Brain, C.K.: TM: 1 [1 - 1] - 19 3/24: ? : Collector Unknown: TM: 3 [3 - 3] - 19 3/27: Brain, C.K.: TM: 1 [1 - 1] - 19 5/16: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 9/21: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 17 [17]; Schlitter, Duane A. (dr.): CM: 3 [3 - 20] - 19 9/22: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 11 [11]; Schlitter, Duane A. (dr.): CM: 2 [2 - 13 - 40].
- Punda Milia Police post:** 19 3/24: ? : Collector Unknown: TM: 2 [2 - 2 - 2].
- Queen Elizabeth Park:** 19 2/24: ? : Collector Unknown: TM: 1 [1 - 1] - 19 8/24: Wolhuter, D.A. and Cassidy, R.J.: DNSM: 1 [1 - 1 - 2].
- Queenswood:** Collection Date Unknown: Schribante, Mrs.: TM: 1 [1 - 1 - 1].
- Qwa-Qwa National Park:** 19 0/19: ? : Collector Unknown: NMB: 1 [1 - 1] - Collection Date Unknown: ? : Collector Unknown: NMB: 1 [1 - 1 - 2].
- Reddersburg:** 19 0/14: ? : Collector Unknown: NMB: 3 [3 - 3 - 3].
- Remnant of portion of 34, portion of 25 Hartebeesfontein 473 JQ [=Fourwinds farm]:** Collection Date Unknown: Fernsby, Nigel: TM: 1 [1 - 1 - 1].
- Renishaw:** Collection Date Unknown: ? : Collector Unknown: DNSM: 1 [1]; Kearney, Teresa Catherine (Dr.): DNSM: 2 [2 - 3 - 3].
- Renishaw, 29 Maryland Road:** Collection Date Unknown: Seamark, Ernest Charles James: DNSM: 1 [1 - 1 - 1].
- Renosterkoppies, 15 km S:** 19 2/07: ? : Collector Unknown: TM: 4 [4 - 4 - 4].
- Republic of South Africa:** Collection Date Unknown: Hendy, Q.B.: OSU: 1 [1]; Stockholm museum: BMNH: 1 [1 - 2 - 2].
- Rhenosterkoppies:** Collection Date Unknown: ? : Collector Unknown: TM: 5 [5]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 12 [12 - 17] - 19 2/07: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 6 [6 - 6] - 19 9/04: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 24].
- Riebeeckstad:** 19 9/23: ? : Collector Unknown: NMB: 6 [6 - 6 - 6].
- Riemvasmaak:** 19 2/08: Erasmus, B.H.: MMK: 2 [2 - 2] - 19 2/09: Erasmus, B.H.: MMK: 7 [7 - 7 - 9].
- Rietondale, 177 Lys Street:** Collection Date Unknown: Humphreys, Eddie: TM: 1 [1 - 1 - 1].
- Rissik Private Nature Reserve:** 19 0/10: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 4 [4 - 4] - 19 0/14: ? : Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 2] - Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 8 [8 - 8] - 19 3/17: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 15].
- Rochdale farm:** 19 3/20: J C Uys: TM: 1 [1 - 1 - 1].
- Rocher Pan Nature Reserve [=Rocher pan, Rocherpan]:** Collection Date Unknown: Herselman, J.C.: KM: 1 [1 - 1] - 19 2/07: Cruikshank, R.: SAMC: 1 [1 - 1] - 19 2/12: Cruikshank, R.: SAMC: 1 [1 - 1 - 3].
- Rockcliff farm:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Roodeval Private Camp, 2 km SE:** Collection Date Unknown: ? : Collector Unknown: TM: 2 [2 - 2] - 19 2/03: ? : Collector Unknown: TM: 3 [3 - 3 - 5].
- Roodeval Camp, 2 km SE:** 19 2/03: Koopman, Karl F.: AMNH: 1 [1 - 1 - 1].
- Roodeval private camp, 2 km SE:** 19 2/03: Bronner, Gary Neil (dr.): TM: 12 [12 - 12 - 12].
- Rooiberg, Sundspruit cave:** 19 2/12: Copley, R.B.: SMF: 2 [2 - 2 - 2].
- Rooiberg, Tin mine:** Collection Date Unknown: West, Sean D. (TPA): TM: 1 [1 - 1 - 1].
- Rosslyn:** 19 7/23: van Dam, G.P.: TM: 1 [1 - 1 - 1].
- Royal Natal National Park:** Collection Date Unknown: ? : Collector Unknown: DNSM: 3 [3 - 3 - 3].
- Rustenburg Nature Reserve:** Collection Date Unknown: Newbery, C. (NWP Nat. Cons): TM: 1 [1 - 1 - 1].
- S A Lombard Nature reserve:** Collection Date Unknown: Newberry, C. (TPA): TM: 1 [1 - 1 - 1].
- Saasveld Forestry College:** 19 0/09: de Kock, P.W.: TM: 10 [10 - 10] - Collection Date Unknown: Breytenbach, J.: TM: 1 [1 - 1 - 11].
- Saasveld Forestry Research Station:** 19 1/18: ? : Collector Unknown: TM: 2 [2 - 2 - 2].
- Sabi river:** 19 5/11: Hamilton, J.S. (Maj.): BMNH: 1 [1 - 1] - 19 5/21: Hamilton, J.S. (Maj.): BMNH: 1 [1 - 1 - 2].
- Sabie:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1 - 1] - 19 3/30: ? : Collector Unknown: TM: 1 [1 - 1 - 2].
- Sabie Forest Rest Area:** 20 5/26: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Sabie River:** Collection Date Unknown: ? : Collector Unknown: TM: 2 [2 - 2 - 2].
- Sabie river bank:** Collection Date Unknown: ? : Collector Unknown: TM: 2 [2]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 7 - 7].
- Sabie River, north bank:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 6 [6 - 6] - 19 2/05: ? : Collector Unknown: TM: 2 [2 - 2] - 19 2/10: ? : Collector Unknown: TM: 3 [3 - 3 - 11].
- Sabie River, Staff Picnic site:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].
- Saldanha Bay:** Collection Date Unknown: Roberts, Austin and Adendorff: TM: 3 [3 - 3 - 3].
- Sanbonani:** Collection Date Unknown: Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1 - 1].
- Sanbonani, confluence of Sabi & White Sands rivers:** Collection Date Unknown: Rosevear, D.R. (dr.): DNSM: 1 [1 - 1 - 1].
- Sandile's Cave:** 19 1/10: Wingate, Lloyd R.: TM: 4 [4 - 4] - 19 9/16: ? : Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 6 - 10].
- Satara rest camp:** Collection Date Unknown: ? : Collector Unknown: TM: 2 [2]; Whitfield, T.: TM: 1 [1 - 3] - 19 2/01: ? : Collector Unknown: TM: 2 [2 - 2] - 19 2/02: ? : Collector Unknown: TM: 10 [10 - 10 - 15].
- Satara, 8 km E, old bridge over Nwanedzi River:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 6 - 6].
- Schurweberg:** Collection Date Unknown: Kramer, H.H.: TM: 1 [1 - 1] - 19 6/14: ? : Collector Unknown: TM: 5 [5 - 5 - 6].
- Schurweberg caves:** 19 1/20: ? : Collector Unknown: TM: 3 [3 - 3 - 3].
- Scottburgh:** Collection Date Unknown: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1 - 1].
- Scottsburgh Golf Course:** 19 3/10: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Scottsville, 26 Hutchinson Road:** Collection Date Unknown: Bernard, R.T.F. (dr.): TM: 1 [1 - 1 - 1].
- SE Elandsbaai, Farm Groot Drift:** Collection Date Unknown: ? : Collector Unknown: KM: 6 [6 - 6 - 6].
- Sebasa:** 19 7/12: White, A.G.: TM: 3 [3 - 3 - 3].
- Senekal:** 19 0/21: ? : Collector Unknown: NMB: 2 [2 - 2] - 19 2/04: ? : Collector Unknown: NMB: 1 [1 - 1] - 19 2/04: ? : Collector Unknown: NMB: 3 [3 - 3 - 6].

- Sezela, 3 Msinzi Avenue:** Collection Date Unknown: Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): DNSM: 7 [7 - 7 - 7].
- Shashanga windmill:** 19 9/22: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 1 [1 - 1] - 19 9/23: ? : Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 22 [22]; Schlitter, Duane A. (dr.): CM: 15 [15 - 38 - 39].
- Shashi-Limpopo River confluence:** Collection Date Unknown: Herholdt, K.: TM: 3 [3]; Nature Conservation (TPA): TM: 1 [1]; TPA Nature Conservation: TM: 2 [2 - 6 - 6].
- Sheila No. 10:** 19 7/03: White, A.G.: TM: 1 [1 - 1] - 19 7/06: White, A.G.: TM: 1 [1 - 1 - 2].
- Shepston Nature Reserve:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Shihangwane:** 19 2/01: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].
- Shilouwan:** Collection Date Unknown: Junod: MHNG: 1 [1 - 1 - 1].
- Shingwedzi camp:** Collection Date Unknown: ? : Collector Unknown: TM: 5 [5]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1]; Streeter, F.: TM: 1 [1 - 7 - 7].
- Shingwidzi Game Reserve:** Collection Date Unknown: Streeter, F.: TM: 1 [1 - 1 - 1].
- Shingwidzi Game Reserve, rest camp:** 19 2/06: Streeter, F.: TM: 1 [1 - 1 - 1].
- Shirombe pan:** 19 9/15: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Shongweni Resources Reserve:** 19 1/22: Taylor, Peter John (Dr.): DNSM: 3 [3 - 3 - 3].
- Shore Nature Reserve:** Collection Date Unknown: Bourquin, O.: TM: 1 [1 - 1 - 1].
- Shore Nature Reserve, NE:** 19 2/11: ? : Collector Unknown: TM: 2 [2 - 2 - 2].
- Shoshanguve:** Collection Date Unknown: Mochaki, Stephina: TM: 1 [1 - 1 - 1].
- Sibasa:** 19 7/12: ? : Collector Unknown: TM: 11 [11 - 11 - 11].
- Sibaya:** Collection Date Unknown: Cooper, R.: TM: 2 [2 - 2 - 2].
- Sibosa:** 19 7/12: White, A.G.: TM: 2 [2 - 2 - 2].
- Sikangwana:** Collection Date Unknown: Bell-Marley, H.W.: TM: 1 [1 - 1 - 1].
- Simuwana:** Collection Date Unknown: Schlitter, Duane A. (dr.): CM: 1 [1 - 1 - 1].
- Sinoville:** 19 2/04: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Skukuza:** 19 0/06: ? : Collector Unknown: TM: 9 [9 - 9] - 19 0/22: ? : Collector Unknown: TM: 12 [12 - 12] - Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 1/19: ? : Collector Unknown: TM: 6 [6 - 6] - 19 3/17: ? : Collector Unknown: TM: 3 [3 - 3] - 19 4/21: Meester: TM: 1 [1 - 1] - 19 4/22: Meester, J.: TM: 1 [1 - 1] - 19 7/14: ? : Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 6 [6 - 7] - 19 7/15: ? : Collector Unknown: TM: 7 [7]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 6 [6 - 13 - 53].
- Skukuza Koppies:** Collection Date Unknown: Meester, J.: TM: 5 [5 - 5] - 19 4/21: ? : Collector Unknown: TM: 1 [1]; Meester: TM: 1 [1 - 2 - 7].
- Skukuza lab buildings:** 19 0/05: ? : Collector Unknown: TM: 10 [10 - 10] - 19 0/06: ? : Collector Unknown: TM: 11 [11 - 11] - 19 1/02: ? : Collector Unknown: TM: 9 [9 - 9] - 19 1/19: ? : Collector Unknown: TM: 1 [1 - 1] - 19 1/25: ? : Collector Unknown: TM: 10 [10 - 10] - 19 1/27: ? : Collector Unknown: TM: 7 [7 - 7] - 19 2/03: ? : Collector Unknown: TM: 13 [13 - 13] - 19 2/04: ? : Collector Unknown: TM: 4 [4 - 4] - 19 2/28: ? : Collector Unknown: TM: 4 [4 - 4] - 19 2/28: ? : Collector Unknown: TM: 10 [10 - 10] - 19 2/28: ? : Collector Unknown: TM: 1 [1 - 1] - 19 3/31: ? : Collector Unknown: TM: 8 [8 - 8] - 19 4/25: ? : Collector Unknown: TM: 8 [8 - 8] - 19 4/28: ? : Collector Unknown: TM: 1 [1 - 1] - 19 6/05: ? : Collector Unknown: TM: 12 [12 - 12] - 19 9/04: ? : Collector Unknown: TM: 10 [10 - 10] - 19 9/30: ? : Collector Unknown: TM: 7 [7 - 7 - 126].
- Skukuza staff village:** Collection Date Unknown: ? : Collector Unknown: TM: 2 [2 - 2] - 19 2/14: Bronner, Gary Neil (dr.): TM: 1 [1 - 1] - 19 4/16: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2 - 5].
- Skukuza Town:** 19 2/18: ? : Collector Unknown: TM: 14 [14 - 14] - 19 7/26: ? : Collector Unknown: TM: 12 [12 - 12] - 19 9/04: ? : Collector Unknown: TM: 1 [1 - 1 - 27].
- Skukuza Township:** 19 7/24: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Skukuza Village:** 19 6/23: ? : Collector Unknown: TM: 7 [7 - 7] - 19 6/25: ? : Collector Unknown: TM: 13 [13 - 13] - 19 7/24: ? : Collector Unknown: TM: 7 [7 - 7 - 27].
- Skukuza, 1.5 km NW, Dense woodland upper reaches of Western Water Reservoir:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1]; Bronner, Gary Neil (dr.): TM: 5 [5 - 6] - 19 2/13: ? : Collector Unknown: TM: 3 [3 - 3 - 9].
- Skukuza, 1.5 km NW, western water reservoir:** Collection Date Unknown: Bronner, Gary Neil (dr.): TM: 2 [2 - 2 - 2].
- Skukuza, 7 km E, on Sabie river:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 1 [1 - 1 - 1].
- Skukuza, dam at golf course:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].
- Skurweberg cave:** Collection Date Unknown: Arnold, H. et al.: TM: 1 [1]; Harnold, Copley and Meester: TM: 1 [1 - 2] - 19 1/12: Meester, J.: TM: 1 [1 - 1] - 19 1/12: Meester, J.: TM: 1 [1 - 1] - 19 1/13: Meester, J.: TM: 10 [10 - 10] - 19 1/14: Meester, J.: TM: 1 [1 - 1] - 19 1/16: Meester, J.: TM: 1 [1 - 1] - 19 2/17: Copley, R.B.: TM: 1 [1 - 1] - 19 5/17: Meester, J. and Coetzee, C.G.: TM: 1 [1 - 1] - 19 9/13: Meester, J.: TM: 1 [1 - 1 - 19].
- Smithfield:** Collection Date Unknown: ? : Collector Unknown: NMB: 1 [1 - 1 - 1].
- Sobhengu Lodge:** Collection Date Unknown: ? : Collector Unknown: DNSM: 1 [1 - 1 - 1].
- Soekmeaar, Groenbult:** 19 6/28: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- South Africa:** Collection Date Unknown: ? : Collector Unknown: BMNH: 1 [1 - 1 - 1].
- Soutpansberg:** Collection Date Unknown: Jameson, E. (Dr.): BMNH: 2 [2 - 2] - 19 1/06: ? : Collector Unknown: TM: 1 [1 - 1 - 3].
- Soutpansberg [= Zoutpansberg], Entabeni State Forest:** 19 1/25: Herholdt, E.M.: TM: 1 [1 - 1] - 19 2/27: Herholdt, E.M.: TM: 9 [9 - 9] - 19 3/28: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas] and de Jager: TM: 2 [2 - 3 - 13].
- Soutpansberg, Buzzard Mountain Sanctuary:** 19 3/02: ? : Collector Unknown: TM: 2 [2 - 2 - 2].
- Spioenkop Dam, Mabamnyama Staff House:** Collection Date Unknown: Chinner, M.J.: TM: 1 [1 - 1 - 1].
- Spioenkop Nature Reserve:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Spring Grove:** Collection Date Unknown: ? : Collector Unknown: NM: 3 [3]; Wing: NM: 1 [1 - 4 - 4].
- Springbok, 7 mi W:** 19 2/08: Risser, A.C.: USNM: 1 [1 - 1] - 19 2/12: Risser, A.C.: USNM: 1 [1 - 1 - 2].
- St. Lucia:** Collection Date Unknown: ? : Collector Unknown: DNSM: 1, TM: 1 [2 - 2] - 19 2/04: ? : Collector Unknown: TM: 1 [1 - 1] - 19 2/13: ? : Collector Unknown: TM: 2 [2 - 2] - 19 2/20: ? : Collector Unknown: TM: 1 [1 - 1] - 19 8/23: ? : Collector Unknown: TM: 1 [1 - 1 - 7].
- St. Lucia Crocodile centre:** Collection Date Unknown: Buckle, J.: TM: 1 [1 - 1 - 1].
- St. Lucia Estuary:** Collection Date Unknown: McLean, S.: TM: 1 [1 - 1 - 1].

- St. Lucia Lake, eastern shores:** 19 1/30: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- St. Lucia Village:** 19 1/03: ? : Collector Unknown: TM: 1 [1 - 1] - 19 1/04: ? : Collector Unknown: TM: 1 [1 - 1] - 19 1/15: ? : Collector Unknown: TM: 2 [2 - 2] - 19 2/13: ? : Collector Unknown: TM: 1 [1 - 1 - 5].
- St. Lucia Village, Croc Centre:** Collection Date Unknown: McLean, S.: TM: 1 [1 - 1 - 1].
- St. Lucia Wetland Park, Sugarloaf Camp Site:** 20 4/24: Jacobs, David: TM: 1 [1 - 1 - 1].
- St. Lucia, Eastern Shores:** Collection Date Unknown: Taylor, Peter John (Dr.); Kearney, Teresa Catherine (Dr.) and Mari: DNSM: 4 [4 - 4 - 4].
- St. Lucia:** 19 2/09: ? : Collector Unknown: TM: 2 [2 - 2 - 2].
- Staff Picnic site:** 19 3/13: ? : Collector Unknown: TM: 3 [3 - 3 - 3].
- Staff village:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].
- Stainbank Nature Reserve:** Collection Date Unknown: Kearney, Teresa Catherine (Dr.): DNSM: 3 [3]; Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): DNSM: 3 [3 - 6] - 19 2/03: ? : Collector Unknown: DNSM: 1 [1 - 1 - 7].
- Stangene Dam:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 1 [1 - 1] - 19 9/16: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 1 [1 - 1 - 2].
- Steinkopf:** 18 4/04: Schlechter, Max: SAMC: 1 [1 - 1 - 1].
- Sterkfontein caves:** 19 0/09: Brain, C.K.: TM: 1 [1 - 1] - Collection Date Unknown: Brain, C.K.: TM: 3 [3 - 3] - 19 5/11: Maseko, S.: TM: 1 [1 - 1] - 19 6/25: Robinson, A.: TM: 1 [1 - 1] - 19 7/24: ? : Collector Unknown: TM: 1 [1 - 1] - 19 8/04: ? : Collector Unknown: TM: 1 [1]; Lundholm, B.: TM: 4 [4 - 5] - 19 8/28: ? : Collector Unknown: TM: 6 [6 - 6 - 18].
- Sterkfontein dam:** 19 1/29: ? : Collector Unknown: NMB: 1 [1 - 1 - 1].
- Sterkstroom:** 19 7/31: ? : Collector Unknown: NMB: 2 [2 - 2 - 2].
- Steynsdorp:** 19 5/20: Roberts, Austin: TM: 1 [1 - 1 - 1].
- Stillbaai:** Collection Date Unknown: ? : Collector Unknown: TM: 7 [7 - 7 - 7].
- Stillbaai:** Collection Date Unknown: Roberts, Austin: TM: 1 [1 - 1 - 1].
- Stoltzneck dam:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2 - 2].
- Stoltzneck Ranger's Post:** 19 7/10: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Stoltzneck Dam:** 19 7/11: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Stolznek house:** 19 6/20: Visser, John: TM: 2 [2 - 2 - 2].
- Stormsriver State Forest Station:** 19 1/16: ? : Collector Unknown: TM: 1 [1 - 1] - 19 2/15: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 2/15: Rautenbach, Ignatius L. (Dr.) [=Naas] and de Jager: TM: 6 [6 - 6] - 19 2/16: Rautenbach, Ignatius L. (Dr.) [=Naas] and de Jager: TM: 7 [7 - 7 - 15].
- Sudwala Cave:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1]; Estebeth, M.: TM: 2 [2]; Schoeman, Corrie et al.: TM: 1 [1 - 4] - 20 2/18: Schoeman Corrie, et al.: TM: 1 [1 - 1] - 19 5/06: ? : Collector Unknown: TM: 1 [1 - 1 - 6].
- Sudwala Cave area, Miggiesgat cave:** 20 2/16: Schoeman Corrie, et al.: TM: 1 [1 - 1 - 1].
- Sudwala Caves area, Miggiesgat cave:** 20 2/19: Schoeman, Corrie et al.: TM: 1 [1 - 1 - 1].
- Sudwala Mine 2:** 20 0/12: Schoeman, Corrie and Seamark, Ernest Charles James: TM: 3 [3 - 3 - 3].
- Sugar Research Association Estate:** Collection Date Unknown: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1 - 1].
- Suikerbosrand [=Suikerboschrand] Nature Reserve:** Collection Date Unknown: ? : Collector Unknown: DNSM: 1 [1]; de Beer, T. (Transvaal Provincial Administration): TM: 1 [1 - 2] - 20 1/15: Peinke, Dean M (Dr.) (Gauteng Nature Conservation): TM: 1 [1 - 1] - 19 9/16: West, Sean D.: TM: 1 [1 - 1 - 4].
- Sunnyside:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1]; Roberts, A.: TM: 1 [1 - 2] - 19 2/19: ? : Collector Unknown: TM: 1 [1 - 1] - 19 5/14: ? : Collector Unknown: TM: 1 [1 - 1 - 4].
- Sunnyside, 34 Palmcourt South:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Sunnyside, DeKock Street:** 19 8/12: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Swartkop:** Collection Date Unknown: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Swellidam:** Collection Date Unknown: Smith, A.: BMNH: 1 [1 - 1 - 1].
- Sycamore Station:** Collection Date Unknown: Bedford, J.A.H.: TM: 1 [1 - 1 - 1].
- Table Mountain, Platteklip:** Collection Date Unknown: Howes, C.: SAMC: 1 [1 - 1 - 1].
- Table Mountain, Wynberg cave:** Collection Date Unknown: Grindley, J.: TM: 1 [1]; Grindly, J.R.: TM: 2 [2 - 3 - 3].
- Tambotieskloof 601:** 19 7/01: Prozesky, O.P.M.: TM: 1 [1 - 1 - 1].
- Tanaba:** Collection Date Unknown: Roberts, Austin: TM: 1 [1 - 1 - 1].
- Taung:** 19 4/10: James, D.K.: ZMA: 3 [3 - 3] - 19 4/19: James, D.K.: ZMA: 3 [3 - 3] - 19 5/27: James, D.K.: ZMA: 4 [4 - 4 - 10].
- Tembe:** Collection Date Unknown: ? : Collector Unknown: TM: 2 [2 - 2 - 2].
- Tembe Elephant Park:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1]; Taylor, Peter John (Dr.) and Kearney, Teresa Catherine (Dr.): DNSM: 4 [4 - 5] - 19 4/10: ? : Collector Unknown: TM: 2 [2 - 2 - 7].
- Ten Bosch Estates:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 1/09: ? : Collector Unknown: TM: 5 [5]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 10] - 19 1/10: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3] - 19 1/11: ? : Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 2] - 19 1/12: ? : Collector Unknown: TM: 20 [20 - 20 - 36].
- Thaba Nchu:** 19 1/29: ? : Collector Unknown: NMB: 5 [5 - 5 - 5].
- Thabazimbi, 16 mi SE:** 19 4/22: Graubner, O.F.: USNM: 10 [10 - 10 - 10].
- The Downs:** Collection Date Unknown: Ginn, P.J.: TM: 1 [1]; Jacobsen, N.: TM: 2 [2 - 3] - 19 4/29: ? : Collector Unknown: TM: 2 [2 - 2] - 19 5/01: ? : Collector Unknown: TM: 1 [1 - 1] - 19 5/04: ? : Collector Unknown: TM: 9 [9 - 9 - 15].
- The Downs [10 locs]:** 19 6/01: Jacobson, N.: TM: 1 [1 - 1 - 1].
- Three Rivers, 11 Spey Drive:** 19 2/27: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
- Tierkloof:** Collection Date Unknown: Barry, T.: SAMC: 2 [2 - 2 - 2].
- Tierkloof, Bushcamp:** Collection Date Unknown: Olivier, Z. and Barry, T.: SAMC: 2 [2 - 2 - 2].
- Timbavati:** 20 8/10: Hood D: TM: 1 [1 - 1] - 20 9/10: Hood D: TM: 1 [1 - 1 - 2].
- Town Bush cave:** Collection Date Unknown: Wolhuter, D.A.: TM: 1 [1 - 1 - 1].
- Townbush Cave:** 19 9/11: ? : Collector Unknown: TM: 7 [7 - 7 - 7].
- Townlands:** 19 2/01: Roberts, V.H.A.: CM: 1 [1 - 1 - 1].
- Townlands of Mathinus Wesselstroom:** 20 2/21: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1 - 1].
- Transvaal:** Collection Date Unknown: ? : Collector Unknown: BMNH: 1 [1]; Distant, W.L.: BMNH: 1 [1 - 2 - 2].
- Transvaal Museum workshop:** 19 4/01: de Jager, J.G.: TM: 1 [1 - 1] - 19 5/16: Harding, M.: TM: 1 [1 - 1] - 19 6/07: Transvaal Museum: TM: 1 [1 - 1] - 19 9/26: Skea, K.: TM: 1 [1 - 1 - 4].
- Trompsburg town:** 19 4/04: ? : Collector Unknown: NMB: 1 [1 - 1 - 1].

- TSD Sugar Estate No.3 Section:** 19 7/24: White, A.G.: TM: 23 [23 - 23] - 19 7/27: White, A.G.: TM: 1 [1 - 1 - 24].
- Tshalungwa Fountain:** 19 1/26: ?: Collector Unknown: TM: 6 [6 - 6 - 6].
- Tshalungwa Fountain [=Shalungwafontein, Tshalungwafontein]:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas] and van der Merwe, Mac. (Dr.): TM: 1 [1 - 2] - 19 1/26: Rautenbach, Ignatius L. (Dr.) [=Naas] and van der Merwe, Mac. (Dr.): TM: 5 [5 - 5] - 19 5/16: ?: Collector Unknown: TM: 1 [1 - 1] - 19 9/21: Rautenbach, Ignatius L. (Dr.) [=Naas] and Schlitter, Duane A. (Dr.): TM: 10 [10 - 10 - 18].
- Tshaneni:** 19 7/20: Jones, Theo Simpson: BMNH: 1 [1 - 1 - 1].
- Tshokwane picnic spot, 12 km E:** Collection Date Unknown: Braack, Leo: TM: 2 [2 - 2] - 19 2/10: ?: Collector Unknown: TM: 1 [1 - 1 - 3].
- Tsitsikama National Park, 2 km S Stormsriver Mouth, Guono Cave:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].
- Tswaing Crater:** 20 1/25: Maleka, Anna; Ndhlovu, Captian and Kearney, Teresa Catherine: TM: 1 [1 - 1] - 20 1/25: Maleka, Anna; Ndhlovu, Captian and Kearney, Teresa Catherine: TM: 1 [1 - 1 - 2].
- Tugela river:** 18 1/27: Wahlberg, J. (Stockholm Museum): NRM: 1 [1 - 1] - 18 1/27: ?: Collector Unknown: NRM: 1 [1 - 1 - 2].
- Twaing Crater:** Collection Date Unknown: Maleka, Anna; Ndhlovu, Captian and Kearney, Teresa Catherine: TM: 1 [1 - 1 - 1].
- Twaing Crater, reception area:** Collection Date Unknown: Kearney, Teresa Catherine (Dr.) and Ndhlovu: TM: 1 [1 - 1 - 1].
- Twee Rivieren:** 19 4/30: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Tweespruit:** 19 7/24: ?: Collector Unknown: TM: 5 [5 - 5 - 5].
- Tzaneen:** Collection Date Unknown: Jameson, H. Lyster: TM: 1 [1 - 1] - 19 1/23: ?: Collector Unknown: TM: 2 [2 - 2] - 19 1/31: ?: Collector Unknown: TM: 2 [2 - 2 - 5].
- Tzaneen Estate:** 19 0/23: ?: Collector Unknown: TM: 2 [2 - 2] - Collection Date Unknown: ?: Collector Unknown: TM: 1 [1 - 1 - 3].
- Tzaneen Estates:** Collection Date Unknown: Jameson: TM: 1 [1 - 1 - 1].
- Tzaneen Governmental Estate:** Collection Date Unknown: Jameson, H. Lyster: TM: 1 [1]; Wilde, H.: TM: 1 [1 - 2 - 2].
- Tzaneen Government Estate:** Collection Date Unknown: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Uitenhage district:** Collection Date Unknown: Pringle, J.A.: HZM: 1 [1 - 1 - 1].
- Uitkyk:** 19 1/06: ?: Collector Unknown: TM: 2 [2 - 2] - 19 1/07: ?: Collector Unknown: TM: 2 [2 - 2 - 4].
- Uitkyk en Paranie Private Nature Reserve:** Collection Date Unknown: Dippenaar, N.J. (dr.): TM: 1 [1 - 1] - 19 7/08: Dippenaar, N.J. (dr.): TM: 6 [6 - 6 - 7].
- Umbogontwini Nature Reserve:** Collection Date Unknown: Taylor, Peter John (Dr.): DNSM: 1 [1 - 1 - 1].
- Umbumbulu:** 19 9/22: Smith, S.A.: TM: 1 [1 - 1 - 1].
- Umdoni Caravan Park:** 19 1/10: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Umdoni Park:** Collection Date Unknown: Wolhuter, D.A.: TM: 3 [3 - 3] - 19 1/11: ?: Collector Unknown: TM: 1 [1 - 1] - 19 4/18: ?: Collector Unknown: TM: 1 [1 - 1] - 19 6/06: Wolhuter, D.A.: TM: 2 [2 - 2] - 19 9/27: ?: Collector Unknown: TM: 2 [2 - 2 - 9].
- Umfolozi Game Reserve:** Collection Date Unknown: Roberts, A.: TM: 1 [1 - 1] - 19 6/07: Vernay-Lang Kalahari Exped.: TM: 1 [1 - 1] - 19 6/18: ?: Collector Unknown: TM: 1 [1 - 1] - 19 6/19: ?: Collector Unknown: TM: 1 [1 - 1] - 19 6/20: Roberts, Austin: TM: 2 [2 - 2] - 19 6/28: ?: Collector Unknown: TM: 1 [1 - 1 - 7].
- Umfolozi Nature Reserve:** 19 9/19: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Umfolozi River:** 19 7/17: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Umgeni Hatchery:** 19 8/30: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Umhlanga Reserve:** Collection Date Unknown: Jacobs, M.: TM: 1 [1 - 1 - 1].
- Umhlanga Rocks, 2 Tibia Crescent:** Collection Date Unknown: Taylor, Peter John (Dr.) and Kearney, Teresa Catherine (Dr.): DNSM: 4 [4 - 4 - 4].
- Umhlatusi River:** Collection Date Unknown: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Umhlumi:** Collection Date Unknown: Roberts, A.: TM: 1 [1 - 1 - 1].
- Umkomaas:** Collection Date Unknown: ?: Collector Unknown: BMNH: 3 [3 - 3 - 3].
- Umlalazi Nature Reserve:** Collection Date Unknown: ?: Collector Unknown: TM: 1 [1]; Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): DNSM: 3 [3 - 4 - 4].
- Umtamvuna Gorge Nature Reserve:** Collection Date Unknown: Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): DNSM: 5 [5 - 5 - 5].
- Umzigaba River mouth:** Collection Date Unknown: Roberts, A.: TM: 1 [1 - 1 - 1].
- Underberg, Trout hatchery:** 19 3/23: Alletson, J.: TM: 1 [1 - 1 - 1].
- unknown locality:** Collection Date Unknown: Verroux, W.: SMF: 1 [1 - 1 - 1].
- Uvongo:** Collection Date Unknown: Hayward, Bruce J.: WNMU: 4 [4 - 4] - 19 8/17: Hayward, Bruce J.: WNMU: 2 [2 - 2] - 19 8/21: Hayward, Bruce J.: WNMU: 2 [2 - 2] - 19 8/23: Hayward, Bruce J.: WNMU: 1 [1 - 1] - 19 8/29: Hayward, Bruce J.: WNMU: 2 [2 - 2] - 19 8/30: Hayward, Bruce J.: WNMU: 1 [1 - 1] - 19 8/31: Hayward, Bruce J.: WNMU: 2 [2 - 2 - 14].
- Uvongo Beach, in Eucalyptus plantation:** Collection Date Unknown: Hayward, Bruce J.: FMNH: 1 [1 - 1 - 1].
- Valhalla:** 19 1/06: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Van Reenen:** Collection Date Unknown: Kemp, S.: DNSM: 1 [1 - 1 - 1].
- Van Wyksvlei:** 19 8/31: Barlow TM-Expedition, the: TM: 6 [6 - 6 - 6].
- Vendabind, on Levuvhu river:** 19 2/21: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].
- Ventersburg:** 19 1/07: ?: Collector Unknown: NMB: 2] - 19 1/07: ?: Collector Unknown: NMB: 3] - 19 1/07: ?: Collector Unknown: ZZZZZ: 2] - 19 1/07: ?: Collector Unknown: ZZZZZ: 3 - 3] - 19 1/07: ZZZZZ: ZZZZZ: 2] - 19 1/28: ?: Collector Unknown: NMB: 1 [1 - 1] - 19 4/04: ?: Collector Unknown: NMB: 4 [4 - 4 - 10].
- Venterskroon:** Collection Date Unknown: Roberts, Austin: TM: 2 [2 - 2] - 19 2/24: Roberts, Austin: TM: 2 [2 - 2] - 19 3/25: Roberts, Austin: TM: 2 [2 - 2] - 19 3/30: ?: Collector Unknown: TM: 10 [10]; Roberts, Austin: TM: 4 [4 - 14] - 19 3/30: ?: Collector Unknown: TM: 2 [2 - 2 - 22].
- Vernon Crookes Nature Reserve:** Collection Date Unknown: Burne, Clayton: DNSM: 1 [1]; Seamark, Ernest Charles James: DNSM: 2 [2]; Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): DNSM: 3 [3 - 6] - 19 1/03: ?: Collector Unknown: TM: 1 [1 - 1] - 19 1/03: ?: Collector Unknown: TM: 13 [13 - 13] - 19 1/23: ?: Collector Unknown: TM: 1 [1 - 1] - 19 2/16: ?: Collector Unknown: TM: 1 [1 - 1 - 22].
- Vernon Crooks Nature Reserve:** Collection Date Unknown: Sowler, G.: TM: 2 [2 - 2] - 19 1/02: Sowler, G.A.: TM: 1 [1 - 1] - 19 1/03: Sowler, G.A.: TM: 1 [1 - 1] - 19 1/03: Sowler, G.: TM: 1 [1]; Sowler, G.A.: TM: 15 [15 - 16] - 19 1/04: Sowler, G.A.: TM: 1 [1 - 1 - 21].
- Verwoerburg:** 19 2/18: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

- Verwoerdburg:** 19 2/18: Koekoemoes, D.: TM: 1 [1 - 1 - 1].
- Verwoerdburg, suburban garden:** Collection Date Unknown: Koekoemoer, D.: TM: 1 [1 - 1 - 1].
- Vhembijunction of Shashe and Limpopo:** 19 5/15: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Village Kosmos:** 19 2/24: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Voelklip, 7th Street:** 19 4/30: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Vrede:** 19 3/08: ?: Collector Unknown: NMB: 2 [2 - 2] - 19 8/17: ?: Collector Unknown: NMB: 2 [2 - 2 - 4].
- Vrededorf:** 19 5/06: ?: Collector Unknown: NMB: 1 [1 - 1] - 19 8/17: ?: Collector Unknown: NMB: 1 [1 - 1] - 19 9/12: ?: Collector Unknown: NMB: 1 [1 - 1] - 19 9/17: ?: Collector Unknown: NMB: 2 [2 - 2 - 5].
- Vrededorf Road:** Collection Date Unknown: ?: Collector Unknown: BMNH: 2 [2 - 2 - 2].
- Vrededorf town:** 19 7/05: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].
- Vrolijkheid Nature Reserve:** Collection Date Unknown: ?: Collector Unknown: DNSM: 6 [6 - 6 - 6].
- Vryburg:** 19 7/23: Roberts, Austin: TM: 1 [1 - 1] - 19 7/23: Roberts, Austin: TM: 5 [5 - 5 - 6].
- Vuma farm:** Collection Date Unknown: ?: Collector Unknown: DNSM: 5 [5 - 5 - 5].
- Wakkerstroom:** Collection Date Unknown: Bronner, Gary Neil (dr.): TM: 1 [1]; Jones, E.M.: TM: 1 [1]; Mothlasedi, S.: TM: 1 [1 - 3] - 19 3/15: Jones, E.M.: TM: 1 [1 - 1 - 4].
- Walmer:** 19 2/19: Farrell, T.: HZM: 1 [1 - 1 - 1].
- Warden:** 19 2/12: ?: Collector Unknown: NMB: 5 [5 - 5 - 5].
- Wardens house, attic:** 19 9/21: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 5 [5 - 5] - 19 9/22: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 3 [3 - 3] - 19 9/24: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2 - 10].
- Warmbad, 2 mi E:** 19 3/16: ?: Collector Unknown: ROM: 1 [1 - 1] - 19 3/19: ?: Collector Unknown: ROM: 1 [1 - 1] - 19 4/15: ?: Collector Unknown: ROM: 1 [1 - 1] - 19 4/18: ?: Collector Unknown: ROM: 1 [1 - 1] - 19 5/05: ?: Collector Unknown: ROM: 1 [1 - 1 - 5].
- Warmbaths:** Collection Date Unknown: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Waterberg district, Gattis koppies:** Collection Date Unknown: ?: Collector Unknown: BMNH: 1 [1 - 1 - 1].
- Waterberg Game Farm:** 20 2/03: Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): TM: 3 [3 - 3] - 20 2/05: Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): TM: 1 [1 - 1 - 4].
- Waterberg Game Farm, at small man-made ponds within camp:** Collection Date Unknown: Rosevear, D.R. (dr.): TM: 1 [1]; SANTI: TM: 1 [1]; Seamark, Ernest Charles James: TM: 4 [4 - 6] - 20 2/03: Seamark, Ernest Charles James and Kearney, Teresa Catherine (Dr.): TM: 1 [1 - 1 - 7].
- Waterberg, Farm Dirleton 276, Brombeek 271/2:** Collection Date Unknown: Ahlers, Mennie: TM: 2 [2 - 2 - 2].
- Waterberg, Farm Driefontein:** 19 1/03: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Waterberg, Farm Klipfontein 54JS:** 19 0/21: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 0/29: ?: Collector Unknown: TM: 4 [4]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 10 [10 - 14] - Collection Date Unknown: ?: Collector Unknown: TM: 15 [15]; Bronner, Gary Neil (dr.) et al: TM: 1 [1]; Bronner, Gary Neil (dr.), Weber and Gerrans: TM: 2 [2]; Weber, S. and Gerrans, R.: TM: 1 [1 - 19] - 19 1/02: van der Merwe, Mac. (Dr.): TM: 14 [14 - 14] - 19 1/07: van der Merwe, Mac. (Dr.): TM: 24 [24 - 24] - 19 1/27: ?: Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1]; van der Merwe, Mac. (Dr.): TM: 6 [6]; van der Merwe, Mac. (Dr.) and Jones, E.M.: TM: 1 [1 - 9] - 19 1/28: van der Merwe, Mac. (Dr.) and Jones, E.M.: TM: 2 [2 - 2] - 19 2/02: ?: Collector Unknown: TM: 1 [1]; van der Merwe, Mac. (Dr.): TM: 16 [16 - 17] - 19 2/02: Peek, J.R.: TM: 1 [1 - 1] - 19 2/03: Peek, J.R.: TM: 2 [2 - 2] - 19 2/09: Peek, J.R.: TM: 2 [2 - 2] - 19 2/12: Peek, J.R.: TM: 3 [3 - 3] - 19 3/02: Herholdt, E. and Weber, S.: TM: 1 [1 - 1] - 19 3/02: Herholdt, E. and Weber, S.: TM: 3 [3]; Weber, S. and Herholdt, E.: TM: 1 [1 - 4] - 20 3/03: Cohen, Lientjie (Mpumalanga Parks Board): TM: 1 [1 - 1] - 19 3/12: ?: Collector Unknown: TM: 1 [1 - 1] - 19 3/28: Bronner, Gary Neil (dr.) and Gerrans, R.: TM: 17 [17 - 17] - 19 4/25: Weber, S. and Gerrans, R.: TM: 23 [23 - 23] - 19 5/25: Gerrans, R. and Weber, S.: TM: 4 [4]; Weber, S. and Gerrans, R.: TM: 6 [6 - 10] - 19 6/28: ?: Collector Unknown: TM: 1 [1]; Gerrans, R.: TM: 1 [1 - 2] - 19 7/31: Bronner, Gary Neil (dr.), Weber and Gerrans: TM: 22 [22 - 22] - 19 8/23: Bronner, Gary Neil (dr.): TM: 4 [4]; Bronner, Gary Neil (dr.) et al: TM: 14 [14 - 18] - 19 9/19: Gerrans, R. and Weber, S.: TM: 4 [4]; Weber, S. and Gerrans, R.: TM: 3 [3 - 7] - 19 9/28: ?: Collector Unknown: TM: 2 [2]; van der Merwe, Mac. (Dr.): TM: 47 [47 - 49 - 263].
- Waterberg, Farm Platbos:** 19 0/15: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 0/16: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1] - 19 0/18: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 3].
- Waterberg, Lapalala Wilderness area:** Collection Date Unknown: Jones, E.M. and Pallett, J.: TM: 1 [1 - 1] - 19 2/26: ?: Collector Unknown: TM: 1 [1 - 1 - 2].
- Waterberg, Rooiberg:** Collection Date Unknown: ?: Collector Unknown: ROM: 2 [2 - 2 - 2].
- Waterberg, Vaalwater:** Collection Date Unknown: Venter, J.: TM: 1 [1 - 1 - 1].
- Waterberg, Waterberg Game Farm, Dassie Cave:** Collection Date Unknown: Seamark, Ernest Charles James: TM: 1 [1 - 1] - 20 1/13: Seamark, Ernest Charles James: TM: 1 [1 - 1] - 20 9/18: Seamark, Ernest Charles James: TM: 1 [1 - 1 - 3].
- Waterkloof:** 19 3/09: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Waterval:** 20 0/27: Cohen, Lientjie (Mpumalanga Parks Board): TM: 2 [2 - 2 - 2].
- WCNP, Bottelary:** 19 0/21: ?: Collector Unknown: TM: 1 [1 - 1] - 19 0/22: ?: Collector Unknown: TM: 1 [1 - 1 - 2].
- Weenen:** 19 8/12: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Weenen Nature Reserve:** 19 0/09: Bourquin, O.: TM: 1 [1 - 1] - Collection Date Unknown: ?: Collector Unknown: DNSM: 1 [1 - 1] - 19 6/02: Mathias, L.: TM: 1 [1 - 1 - 3].
- West Coast National Park, Geelbek:** Collection Date Unknown: Joubert, P.: TM: 2 [2 - 2 - 2].
- West Driefontein caves:** Collection Date Unknown: Copley, R.B.: TM: 1 [1 - 1 - 1].
- Westbrook, 81 Acacia:** Collection Date Unknown: Dillion, C.: DNSM: 1 [1 - 1 - 1].
- Weston Agricultural College:** 19 1/19: Bourquin, D.: TM: 1 [1 - 1 - 1].
- Westriding:** Collection Date Unknown: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1 - 1].
- Westriding, 14 Marion Road:** Collection Date Unknown: Kearney, Teresa Catherine (Dr.): DNSM: 2 [2 - 2 - 2].
- Westriding, 22 Ashley Road:** Collection Date Unknown: ?: Collector Unknown: DNSM: 1 [1 - 1 - 1].
- Westville:** Collection Date Unknown: Richardson and Mari: DNSM: 1 [1 - 1] - 19 1/14: ?: Collector Unknown: TM: 7 [7]; Sowler, S.G.: TM: 4 [4 - 11] - 19 1/30: ?: Collector Unknown: TM: 1 [1]; Larsus, R.: TM: 11 [11 - 12 - 24].
- White Umfolosi River:** 19 7/17: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Wildeharthoek:** 19 6/18: Heyneke, B.R.T.: TM: 1 [1 - 1 - 1].
- Wilro Park:** Collection Date Unknown: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Winburg:** 19 0/08: ?: Collector Unknown: NMB: 2 [2 - 2] - 19 1/10: ?: Collector Unknown: NMB: 2 [2 - 2] - 19 2/06: ?: Collector Unknown: NMB: 3 [3 - 3 - 7].
- Winburg [Exelsior]:** 19 1/18: ?: Collector Unknown: NMB: 13 [13 - 13 - 13].

Winterton: 19 0/24: Taylor, Peter John (Dr.): DNSM: 1 [1 - 1] - Collection Date Unknown: Taylor, Peter John (Dr.): DNSM: 3 [3 - 3 - 4].

Witrivier, 11 mi W: Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: USNM: 1 [1 - 1 - 1].

Witsand Dam: 19 6/04: ?: Collector Unknown: TM: 8 [8 - 8 - 8].

Witwatersberg, Farm Hekpoort: 19 9/12: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Witwatersrand, Langlaagte: Collection Date Unknown: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

WNLA Dam: Collection Date Unknown: ?: Collector Unknown: TM: 5 [5]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 15 [15 - 20 - 20].

Wolvegatten: 19 6/14: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Wolwespruit Nature Reserve: Collection Date Unknown: West, Sean D. (TPA): TM: 1 [1 - 1 - 1].

Wonderboom: Collection Date Unknown: Roberts, Austin: TM: 2 [2 - 2 - 2].

Wonderboom cave: 19 6/29: Roberts, Austin: TM: 2 [2 - 2 - 2].

Wonderkop Nature Reserve: Collection Date Unknown: West, Sean D.: TM: 1 [1]; West, Sean D. (TPA): TM: 1 [1]; Williams, J.: TM: 1 [1 - 3 - 3].

Wondermine: Collection Date Unknown: Schoeman, Corrie et al.: DNSM: 1 [1]; Seemark, Ernest Charles James: DNSM: 1 [1 - 2 - 2].

Wonderwerk Cave: Collection Date Unknown: ?: Collector Unknown: MMK: 4 [4 - 4 - 4].

Wynberg: Collection Date Unknown: Visser, John: TM: 1 [1 - 1 - 1].

Wynberg cave: 19 8/05: University of Cape Town: SAMC: 1 [1 - 1 - 1].

Xhubuxnap: 19 2/14: Erasmus, B.H.: MMK: 4 [4 - 4 - 4].

Yellowwood Park: Collection Date Unknown: ?: Collector Unknown: DNSM: 1 [1]; Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 2 - 2].

Yellowwood Park, 18 Dove Crescent: Collection Date Unknown: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1 - 1].

Zandspruit Caves: 19 1/21: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Zastron: 19 1/09: ?: Collector Unknown: NMB: 1 [1 - 1] - 19 4/14: ?: Collector Unknown: NMB: 2 [2 - 2] - 19 4/14: ?: Collector Unknown: NMB: 42 [42 - 42] - 19 6/27: ?: Collector Unknown: NMB: 1 [1 - 1] - 19 7/25: ?: Collector Unknown: NMB: 32 [32 - 32 - 78].

Zastron Commonage: 19 9/26: ?: Collector Unknown: NMB: 3 [3 - 3 - 3].

Zastron Commons: 19 9/26: ?: Collector Unknown: NMB: 1 [1 - 1 - 1].

Zebediello: 19 1/07: Copley, R.B.: SMF: 1 [1 - 1 - 1].

Zebedula: Collection Date Unknown: Copley, R.B.: TM: 1 [1 - 1 - 1].

Ziqhumene: 19 7/10: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Zoetendalsvlei: 19 0/26: ?: Collector Unknown: TM: 1 [1 - 1 - 1].

Zoetvlei: 19 2/23: Bradfield: TM: 1 [1 - 1 - 1].

Zwartkop cave: Collection Date Unknown: Bronner, Gary Neil (dr.): TM: 1 [1 - 1 - 1].

Zwartkop Military Nature Reserve: 19 5/01: Bronner, Gary Neil (dr.): TM: 2 [2 - 2 - 2].

Total Specimens for South Africa: 8035

Spain

Foyos: Collection Date Unknown: MNCN: 1 [1 - 1 - 1].

Total Specimens for Spain: 1

Sudan

: Collection Date Unknown: BMNH: 1 [1 - 1 - 1].

5th cataract of the Nile: Collection Date Unknown: ?: Collector Unknown: BMNH: 1 [1 - 1 - 1].

Abu Doleb: 19 3/31: Koenig, Alexander: ZFMK: 1 [1 - 1 - 1].

Agok: 19 0/05: Moritz, L.J.: MSU: 1 [1 - 1] - 19 9/05: Moritz, L.J.: MSU: 3 [3 - 3 - 4].

Amadi: 19 9/01: ?: Collector Unknown: ZMUC: 3 [3 - 3 - 3].

Angolo: 19 3/28: Kock, Dieter: SMF: 5 [5 - 5 - 5].

Aradeiba: 19 1/22: Allen, G.M. (Phillips Sudan Expedition): MCZ: 3 [3 - 3 - 3].

Bados: 19 1/06: Allen, Glover Morrill: FMNH: 1 [1 - 1 - 1].

Bahr el Jebel: Collection Date Unknown: ex Museum Alexander Koenig: ZMB: 1 [1]; Schwarz: ZMB: 1 [1 - 2 - 2].

Bahr el Shagal: Collection Date Unknown: Koenig, Alexander: ZMB: 1 [1 - 1 - 1].

Bahr-el-Zeraf, near mouth: 19 2/03: Lowe, Willoughby P.: BMNH: 1 [1 - 1 - 1].

Bangangai forest: 19 3/25: Archer, A.L.: FMNH: 1 [1 - 1 - 1].

Bellegas: 18 1/01: Von Heuglin, Theodor: SMNS: 1 [1 - 1 - 1].

Boma mountains, west foothills: 19 2/23: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].

Bongo: 18 0/01: Von Heuglin, Theodor: SMNS: 1 [1 - 1] - Collection Date Unknown: ?: Collector Unknown: SMNS: 1 [1 - 1 - 2].

Bor: 19 3/01: Heller, Edmund: USNM: 4 [4 - 4] - 19 3/02: Heller, Edmund: USNM: 4 [4 - 4 - 8].

Bor, 40 mi N: 19 3/28: Hamilton, J.S. (Maj.): BMNH: 1 [1 - 1 - 1].

Boro river: 19 3/31: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].

Boro river, 25 km N: 19 3/31: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].

Buram: Collection Date Unknown: Kock, Dieter: SMF: 4 [4 - 4] - 19 1/02: Kock, Dieter: SMF: 3 [3 - 3] - 19 3/03: Kock, Dieter: SMF: 18 [18 - 18] - 19 3/11: Kock, Dieter: SMF: 1 [1 - 1 - 26].

Didinga mountains, western foothills: 19 2/05: Nikolaus, G.: SMNS: 1 [1 - 1] - 19 2/07: Nikolaus, G.: SMNS: 1 [1 - 1 - 2].

Dilling: 19 7/17: ?: Collector Unknown: SMF: 10 [10 - 10 - 10].

Disa: 19 6/19: Allison, F.R.: BMNH: 1 [1 - 1] - 19 8/20: Allison, F.R.: BMNH: 1 [1 - 1] - 19 8/25: Allison, F.R.: BMNH: 1 [1 - 1 - 3].

Djebel Zeraf [=Zeraf Jebel]: Collection Date Unknown: Schwarz: ZMB: 1 [1 - 1 - 1].

Dongola: Collection Date Unknown: Steudner: ZMB: 1 [1]; Wilcke: ZMB: 1 [1 - 2 - 2].

Duk Fagul: 19 4/12: Hamilton, W.: USNM: 1 [1 - 1 - 1].

- El Garef:** 19 1/09: Allen, Glover Morrill: FMNH: 1 [1 - 1 - 1].
- El Obeid:** 19 2/01: ?: Collector Unknown: SMF: 10 [10 - 10 - 10].
- En Nabbaka:** 19 3/16: Wettstein, Otto von: NMW: 1 [1 - 1 - 1].
- Erkovit:** Collection Date Unknown: ?: Collector Unknown: BMNH: 2 [2 - 2] - 19 4/05: Lynes, Hubert (Capt.): BMNH: 1 [1 - 1 - 3].
- Fashoda, near:** 19 1/27: Lowe, Willoughby P.: BMNH: 1 [1 - 1 - 1].
- Fazogli:** 19 1/19: Phillips, John C.; Allen, Glover Morrill - [the Sudan Expedition]: MCZ: 2 [2 - 2 - 2].
- Fula Rapids:** 19 8/23: Owen, J.S.: FMNH: 1 [1 - 1 - 1].
- Gallabat:** Collection Date Unknown: Cheeseman, W. (Maj.): BMNH: 2 [2]; Von Marno, E.: NMW: 3 [3 - 5 - 5].
- Gilo:** 19 1/04: Nikolaus, G.: SMNS: 1 [1 - 1] - 19 1/05: Nikolaus, G.: SMNS: 1 [1 - 1] - 19 2/22: Owen, J.S.: FMNH: 1 [1 - 1 - 3].
- Gilo, 5 mi S:** 19 2/26: Archer, A.L.: FMNH: 1 [1 - 1] - 19 2/28: Archer, A.L.: FMNH: 1 [1 - 1 - 2].
- Gondokoro:** Collection Date Unknown: Berger: ZMB: 1 [1]; Loring, J. Alden: USNM: 1 [1 - 2] - 19 2/28: Loring, J. Alden: USNM: 1 [1 - 1 - 3].
- Hellet Nuer:** 19 3/22: Le Roi, O.: ZFMK: 1 [1 - 1 - 1].
- Ikoto:** 19 5/06: Owen, J.S.: FMNH: 1 [1 - 1 - 1].
- Imatong:** 19 2/27: Owen, J.S.: ZMUC: 1 [1 - 1] - 19 9/05: Nikolaus, G.: SMNS: 3 [3 - 3] - 19 9/07: Nikolaus, G.: SMNS: 1 [1 - 1 - 5].
- Jebel Aulia:** Collection Date Unknown: Anderson, Mrs. and Witherby, H.F.: BMNH: 2 [2 - 2] - 19 2/15: Koenig, Alexander: ZFMK: 2 [2 - 2] - 19 5/10: Anderson, Mrs. and Witherby, H.F.: BMNH: 1 [1 - 1 - 5].
- Jebel el Azraq:** 19 3/01: Marrogordato, J.G.: HZM: 9 [9 - 9] - 19 4/15: ?: Collector Unknown: FMNH: 2 [2 - 2] - 19 6/21: ?: Collector Unknown: FMNH: 1 [1 - 1 - 12].
- Jebel el Funj:** Collection Date Unknown: ?: Collector Unknown: BMNH: 1 [1 - 1 - 1].
- Jebel Kasangor:** 19 2/17: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].
- Jebel Marra, S foothills:** Collection Date Unknown: ?: Collector Unknown: BMNH: 1 [1 - 1] - 19 4/05: Lynes, Hubert (Capt.) and Lowe, Willoughby P.: BMNH: 1 [1 - 1 - 2].
- Jebel Moba:** Collection Date Unknown: Butler, J. (Capt.): BMNH: 1 [1 - 1 - 1].
- Jebel Talao:** 19 2/12: ?: Collector Unknown: SMF: 1 [1 - 1 - 1].
- Jebel Toro:** 19 1/25: Kock, Dieter: SMF: 4 [4 - 4 - 4].
- Juba:** 19 0/25: Nikolaus, G.: SMNS: 1 [1 - 1] - Collection Date Unknown: Nikolaus, G.: SMNS: 1 [1 - 1] - 19 1/28: Nikolaus, G.: SMNS: 1 [1 - 1 - 3].
- Kadugli:** 19 0/10: ?: Collector Unknown: SMF: 1 [1 - 1] - Collection Date Unknown: ?: Collector Unknown: SMF: 13 [13 - 13] - 19 1/04: Kock, Dieter: SMF: 2 [2 - 2] - 19 1/05: ?: Collector Unknown: SMF: 1 [1 - 1] - 19 1/10: ?: Collector Unknown: SMF: 1 [1 - 1] - 19 1/12: ?: Collector Unknown: SMF: 5 [5 - 5] - 19 1/14: Kock, Dieter: SMF: 4 [4 - 4] - 19 1/20: Rutledge, W.: BMNH: 1 [1 - 1] - 19 1/21: ?: Collector Unknown: SMF: 2 [2 - 2] - 19 2/10: Kock, Dieter: SMF: 4 [4 - 4] - 19 2/12: Kock, Dieter: SMF: 2 [2 - 2] - 19 2/23: Kock, Dieter: SMF: 1 [1 - 1] - 19 2/27: ?: Collector Unknown: SMF: 1 [1 - 1] - 19 2/31: ?: Collector Unknown: SMF: 1 [1 - 1] - 19 3/09: Kock, Dieter: SMF: 1 [1 - 1] - 19 3/13: Kock, Dieter: SMF: 1 [1 - 1] - 19 9/04: ?: Collector Unknown: SMF: 1 [1 - 1 - 42].
- Kagelu:** 19 1/18: Myers: AMNH: 1 [1 - 1 - 1].
- Kajiko North:** 19 7/17: Nikolaus, G.: SMNS: 2 [2 - 2] - 19 7/19: Nikolaus, G.: SMNS: 1 [1 - 1] - 19 9/24: Nikolaus, G.: SMNS: 1 [1 - 1 - 4].
- Kajo Kaji, 10 mi W:** 19 7/25: Nikolaus, G.: SMNS: 3 [3 - 3 - 3].
- Kaka:** Collection Date Unknown: Hawker, R. McDonald: BMNH: 1 [1 - 1] - 19 3/19: Hawker, R. McDonald: BMNH: 3 [3 - 3 - 4].
- Kapoeta:** 19 2/17: Nikolaus, G.: SMNS: 1 [1 - 1] - 19 4/15: Hoogstraal, Harry H.: USNM: 1 [1 - 1 - 2].
- Katire:** 19 4/09: Owen, J.S.: FMNH: 2 [2 - 2] - 19 5/20: Owen, J.S.: FMNH: 1 [1 - 1] - 19 6/12: Owen, J.S.: FMNH: 1 [1 - 1 - 4].
- Kerma:** Collection Date Unknown: Chaix, L.: MHNG: 1 [1 - 1 - 1].
- Khartoum:** 19 0/08: Celo, F.: SMF: 1 [1 - 1] - 19 0/21: DeWinton, W.E.: SMF: 1 [1 - 1] - 19 0/27: Celo, F.: SMF: 6 [6 - 6] - Collection Date Unknown: Lepsius: ZMB: 1 [1]; Pethneck, Col.: BMNH: 1 [1]; Voisin: MNHN: 1 [1]; Von Marno, E.: NMW: 15 [15 - 18] - 19 1/28: ?: Collector Unknown: SMF: 5 [5 - 5] - 19 1/29: ?: Collector Unknown: SMF: 9 [9 - 9] - 19 2/03: ?: Collector Unknown: SMF: 7 [7 - 7] - 19 3/14: Walen, A.: ZMA: 10 [10 - 10] - 19 3/21: Loring, J. Alden: USNM: 2 [2 - 2] - 19 3/22: Heller, Edmund: USNM: 1 [1 - 1 - 60].
- Khartoum or Sennaar:** Collection Date Unknown: Kotschy, Th.: NMW: 1 [1 - 1 - 1].
- Khartoum, University Campus:** Collection Date Unknown: Abdel Musin and Hamid: SMF: 1 [1 - 1 - 1].
- Khor Attar:** 19 2/11: Sassi, M. (dr.): NMW: 1 [1 - 1 - 1].
- Khor Umm Adara:** 19 1/23: ?: Collector Unknown: SMF: 1 [1 - 1 - 1].
- Kologi:** 19 2/04: ?: Collector Unknown: SMF: 1 [1 - 1] - 19 2/05: ?: Collector Unknown: SMF: 2 [2 - 2 - 3].
- Kongir:** 19 3/24: Hamilton, J.S. (Maj.): BMNH: 1 [1 - 1] - 19 3/25: Hamilton, J.S. (Maj.): BMNH: 3, KM: 2 [5 - 5 - 6].
- Kordofan:** Collection Date Unknown: ?: Collector Unknown: SMF: 1 [1]; Kotschy, Th.: BMNH: 1 [1]; Kotschy, Th. and Parrey: BMNH: 1 [1]; Rüppell, Edward (dr.): RMNH: 1, SMF: 1 [2 - 5 - 5].
- Korobi, mount:** 19 7/27: Nikolaus, G.: SMNS: 2 [2 - 2 - 2].
- Lado [=Lado, Jabal, Mount Lado]:** Collection Date Unknown: Berger: ZMB: 3 [3 - 3 - 3].
- Lafon:** 19 2/20: Owen, J.S.: ZMUC: 2 [2 - 2] - 19 2/28: Owen, J.S.: ZMUC: 2 [2 - 2] - 19 4/04: Owen, J.S.: ZMUC: 3 [3 - 3 - 7].
- Lawudo:** 19 1/20: Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 1].
- Ledgus:** 19 1/15: Loring, J. Alden: USNM: 1 [1 - 1 - 1].
- Loa:** 19 1/30: Owen, J.S.: ZMUC: 1 [1 - 1] - 19 3/16: Owen, J.S.: ZMUC: 1 [1 - 1] - 19 7/21: Owen, J.S.: FMNH: 1 [1 - 1 - 3].
- Lobira:** 19 1/12: Owen, J.S.: ZMUC: 3 [3 - 3 - 3].
- Lokomanyang [=Lokomarynyang] Marsh:** Collection Date Unknown: Harrison, David Lakin (Dr.): BMNH: 1 [1 - 1 - 1].
- Lokomarynyang Marsh:** 19 6/10: Williams, John G.: BMNH: 1 [1 - 1 - 1].
- Lokomorinyang:** 19 6/10: Williams, John G.: HZM: 1 [1 - 1 - 1].
- Lotti forest:** 19 0/08: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].
- Luem:** 19 3/18: Owen, J.S.: ZMUC: 1 [1 - 1 - 1].
- Mangala [=Mongalla]:** Collection Date Unknown: Loat, W.L.S., Esq.: BMNH: 1 [1 - 1 - 1].
- Maridi:** 19 8/07: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].
- Mbili:** 19 9/10: Moritz, L.J.: MSU: 1 [1 - 1 - 1].
- Merowe:** 19 3/15: Rothschild, Nathaniel Charles: BMNH: 2 [2 - 2 - 2].
- Mongalla:** Collection Date Unknown: Archer, T.: HZM: 1 [1]; Loat, W.L.S., Esq.: BMNH: 3 [3 - 4] - 19 3/13: Owen, J.S.: ZMUC: 3 [3 - 3] - 19 3/15: Owen, J.S.: ZMUC: 1 [1 - 1] - 19 3/17: Owen, J.S.: ZMUC: 1 [1 - 1] - 19 3/27: Sassi, M. (dr.): NMW:

- 3 [3 - 3] - 19 4/21: Shaw, A.: BMNH: 2 [2 - 2] - 19 6/13: Wellcome Research Laboratories: BMNH: 1 [1 - 1 - 15].
Nagishot: 19 2/31: Nikolaus, G.: SMNS: 1 [1 - 1] - 19 7/09: Owen, J.S.: ZMUC: 1 [1 - 1 - 2].
Ngangala, 20 mi N: 19 9/12: Owen, J.S.: FMNH: 1 [1 - 1 - 1].
Nile, upper: 19 3/13: Shaw, A.: BMNH: 1 [1 - 1 - 1].
Nimule: Collection Date Unknown: Betts, A. and Mumford, R.E.: ROM: 1 [1 - 1] - 19 3/16: Queeny, E.M.: AMNH: 2 [2 - 2] - 19 3/20: Queeny, E.M.: AMNH: 1 [1 - 1 - 4].
No, lake: 19 2/23: Le Roi, O.: ZFMK: 1 [1 - 1 - 1].
Nuba mountains: 19 2/20: El Rayah, M.: ROM: 13 [13 - 13 - 13].
Nuba Mountains, N edge: 19 3/20: Wettstein, Otto von: NMW: 1 [1 - 1 - 1].
Nubia: Collection Date Unknown: ? : Collector Unknown: RMNH: 1 [1]; de Selys-Longschamps: KBIN: 1 [1]; Doria, Giacomo (Marchese): ZMB: 1 [1]; Rüppell, Edward (dr.): SMF: 1 [1]; Verreaux: ZMB: 1 [1 - 5 - 5].
Nyibor, lake: 19 3/25: Queeny, E.M.: AMNH: 5 [5 - 5] - 19 3/28: Queeny, E.M.: AMNH: 1 [1 - 1] - 19 3/31: Queeny, E.M.: AMNH: 1 [1 - 1 - 7].
Nzara: 19 2/17: Arata: BMNH: 1 [1 - 1] - 19 6/12: Kock, Dieter: SMF: 1 [1 - 1 - 2].
Raga: 19 1/27: Moritz, L.J.: MSU: 1 [1 - 1 - 1].
Renk: Collection Date Unknown: Hawker, R. McDonald: BMNH: 1 [1 - 1] - 19 5/13: Hawker, R. McDonald: BMNH: 1 [1 - 1 - 2].
Rheika: 19 1/09: ? : Collector Unknown: SMF: 1 [1 - 1] - 19 3/11: ? : Collector Unknown: SMF: 1 [1]; Kock, Dieter: SMF: 3 [3 - 4] - 19 3/24: Kock, Dieter: SMF: 3 [3 - 3 - 8].
Rikki river: 19 4/05: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].
S Jebel Marra, foothills: 19 4/03: Lynes, Hubert (Rear-Admiral) and Lowe, Willoughby P.: BMNH: 1 [1 - 1 - 1].
Semeih: 19 2/03: ? : Collector Unknown: SMF: 1 [1 - 1] - 19 4/08: ? : Collector Unknown: SMF: 2 [2 - 2 - 3].
Sennaar: Collection Date Unknown: ? : Collector Unknown: NMW: 1 [1]; Van Parreys: NMW: 1 [1 - 2 - 2].
Sennaar, 20 mi [=30 km] above: 19 2/13: Lowe, Willoughby P.: BMNH: 1 [1 - 1 - 1].
Sennar: Collection Date Unknown: Botta, Paolo Emilio (dr.): RMNH: 1 [1 - 1 - 1].
Sennar [=Sennaar]: Collection Date Unknown: Anatom. Sammlung: ZMB: 3 [3]; Hedenborg: ZMB: 1 [1]; Heuglin, Theodor (Dr.): ZMB: 1 [1]; von Barnim, Hartmann: ZMB: 1 [1 - 6] - 18 1/01: Rüppell, Edward (dr.): SMF: 1 [1 - 1 - 7].
Seriba Ghatta: Collection Date Unknown: Schweinfurth: ZMB: 11 [11 - 11 - 11].
Shambe: 19 2/09: Archer, T. and Sutton, J.: ROM: 1 [1 - 1 - 1].
Shendi: Collection Date Unknown: Rüppell, Edward (dr.): SMF: 2 [2 - 2] - 19 3/10: Rothschild, Nathaniel Charles and Wollaster, A.F.R.: BMNH: 2 [2 - 2 - 4].
Subeigh Forest Reserve: 19 4/02: Kock, Dieter: SMF: 7 [7 - 7 - 7].
Sudan: Collection Date Unknown: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].
Suni: 19 6/28: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].
Tadoro: 19 2/26: Kock, Dieter: SMF: 1 [1 - 1] - 19 3/06: Kock, Dieter: SMF: 1 [1 - 1 - 2].
Talanga forest: 19 7/02: Nikolaus, G.: SMNS: 1 [1 - 1 - 1].
Taufikia: Collection Date Unknown: Schwarz: ZMB: 1 [1 - 1 - 1].
Telaweit: 19 2/21: Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 1].
Tonga: Collection Date Unknown: Wettstein, Otto von: NMW: 12 [12 - 12] - 19 4/11: Wettstein, Otto von: BMNH: 1, NMW: 1 [2 - 2 - 14].
Tonj: 19 1/21: Nikolaus, G.: SMNS: 1 [1 - 1] - 19 1/22: Nikolaus, G.: SMNS: 1 [1 - 1] - 19 3/03: Archer, T. and Sutton, J.: ROM: 4 [4 - 4] - 19 3/04: Archer, T. and Sutton, J.: ROM: 2 [2 - 2 - 8].
Torit: Collection Date Unknown: Hoogstraal, Harry H.: USNM: 6 [6 - 6] - 19 1/05: Owen, J.S.: ZMUC: 4 [4 - 4] - 19 1/23: Owen, J.S.: FMNH: 1 [1 - 1] - 19 1/25: Owen, J.S.: FMNH: 1, ZMUC: 1 [2 - 2] - 19 1/27: Hoogstraal, Harry H.: FMNH: 2 [2 - 2] - 19 2/05: Hoogstraal, Harry H.: FMNH: 2 [2 - 2] - 19 2/08: Hoogstraal, Harry H.: FMNH: 1 [1 - 1] - 19 2/08: Hoogstraal, Harry H.: FMNH: 1 [1 - 1] - 19 2/12: Owen, J.S.: ZMUC: 1 [1 - 1] - 19 2/19: Owen, J.S.: FMNH: 1 [1 - 1] - 19 2/28: Owen, J.S.: FMNH: 1 [1 - 1] - 19 2/30: Owen, J.S.: FMNH: 1 [1 - 1] - 19 2/31: Owen, J.S.: FMNH: 2 [2 - 2] - 19 3/05: Queeny, E.M.: AMNH: 1 [1 - 1] - 19 3/05: Owen, J.S.: ZMUC: 1 [1 - 1] - 19 3/26: Owen, J.S.: FMNH: 1 [1 - 1] - 19 5/04: Owen, J.S.: FMNH: 1 [1 - 1] - 19 5/09: Owen, J.S.: FMNH: 1 [1 - 1] - 19 5/27: Owen, J.S.: ZMUC: 5 [5 - 5] - 19 5/31: Owen, J.S.: FMNH: 1 [1 - 1] - 19 7/07: Owen, J.S.: ZMUC: 2 [2 - 2] - 19 7/30: Owen, J.S.: ZMUC: 1 [1 - 1] - 19 8/04: Owen, J.S.: FMNH: 2 [2 - 2] - 19 8/09: Owen, J.S.: FMNH: 1 [1 - 1 - 42].
Torit, 80 km E: 19 2/13: Nikolaus, G.: SMNS: 1 [1 - 1] - 19 2/15: Nikolaus, G.: SMNS: 1 [1 - 1 - 2].
Upper White Nile: Collection Date Unknown: Schneider: ZMB: 1 [1 - 1 - 1].
Wad Marium: 19 5/12: Anderson, Mrs. and Witherby, H.F.: BMNH: 1 [1 - 1 - 1].
Wad Medani: Collection Date Unknown: Lewis, D.J. (Mr.): BMNH: 1 [1 - 1] - 19 2/06: Bowe, W.W.: ROM: 1 [1 - 1 - 2].
Wadi Alagi: 19 8/12: MacKilligan, Arthur M.: BMNH: 1 [1 - 1] - 19 8/14: MacKilligan, Arthur M.: BMNH: 1 [1 - 1 - 2].
Wadi Halfa: Collection Date Unknown: Bona, F.: MHNG: 3 [3 - 3 - 3].
Wagga, mount: Collection Date Unknown: Phillips, Lord E.: BMNH: 4 [4 - 4] - 18 3/02: Phillips, Lord E.: BMNH: 3 [3 - 3 - 7].
Wau: 19 9/23: Moritz, L.J.: MSU: 1 [1 - 1 - 1].
Wau, 100 mi N: Collection Date Unknown: Owen, J.S.: FMNH: 1 [1 - 1 - 1].
Weißer Nil [=Bahr-el-Abyat]: Collection Date Unknown: Schweinfurth: ZMB: 3 [3 - 3 - 3].
West Nzara: Collection Date Unknown: ? : Collector Unknown: SMF: 2 [2 - 2 - 2].
Yambio: Collection Date Unknown: ? : Collector Unknown: ROM: 2 [2 - 2] - 19 8/25: Owen, J.S.: FMNH: 1 [1 - 1 - 3].
Yei: Collection Date Unknown: ? : Collector Unknown: SMF: 1 [1 - 1 - 1].
Zalingei: 19 4/14: El Sayed: ROM: 1 [1 - 1] - 19 5/28: Lowe, Willoughby P.: BMNH: 1 [1 - 1] - 19 5/30: Lowe, Willoughby P.: BMNH: 1 [1]; Lynes, Hubert (Capt.) and Lowe, Willoughby P.: BMNH: 1 [1 - 2] - 19 5/31: Lowe, Willoughby P.: BMNH: 1 [1]; Lynes, Hubert (Capt.) and Lowe, Willoughby P.: BMNH: 1 [1 - 2 - 6].
Zeraf, Jebel [=mountain]: Collection Date Unknown: ex Museum Alexander Koenig: ZMB: 1 [1 - 1 - 1].

Total Specimens for Sudan: 531

Swaziland

: Collection Date Unknown: DNSM: 2 [2 - 2 - 2].

Allen's Farm: 19 1/10: ? : Collector Unknown: TM: 1 [1 - 1] - 19 1/18: ? : Collector Unknown: TM: 1 [1 - 1 - 2].

Balegane: 19 5/05: Jones, Theo Simpson: BMNH: 1 [1 - 1 - 1].

Bar Circle Ranches: 19 2/15: ? : Collector Unknown: TM: 2 [2 - 2 - 2].
Bethlehem Mission: Collection Date Unknown: Monadjem, Ara (Dr.): TM: 2 [2 - 2 - 2].
Bhubesi Camp: 20 0/17: Monadjem, Ara (Dr.): TM: 2 [2 - 2 - 2].
Big Bend: Collection Date Unknown: Washington, (Expedition Barry W.): TM: 1 [1 - 1] - 19 2/15: ? : Collector Unknown: TM: 1 [1 - 1] - 19 3/20: ? : Collector Unknown: TM: 1 [1 - 1 - 3].
Byrhytes mine: Collection Date Unknown: Monadjem, Ara (Dr.): DNSM: 1 [1 - 1] - 19 2/12: Monadjem, Ara (Dr.): TM: 1 [1 - 1 - 2].
Dinedor: Collection Date Unknown: Monadjem, Ara (Dr.): TM: 1 [1 - 1 - 1].
Dinedor Ranch: 19 5/09: ? : Collector Unknown: TM: 1 [1 - 1] - 19 5/10: ? : Collector Unknown: TM: 1 [1 - 1 - 2].
Dwalile Primary School: Collection Date Unknown: Monadjem, Ara (Dr.): TM: 2 [2 - 2 - 2].
Ebaleni: 20 9/26: Monadjem, Ara (Dr.): TM: 2 [2 - 2 - 2].
Ekuphakameni High School: Collection Date Unknown: Monadjem, Ara (Dr.): TM: 1 [1 - 1 - 1].
Forbes Gold Mine [=Forbes Reef Gold Mine]: Collection Date Unknown: Monadjem, Ara (Dr.): TM: 2 [2 - 2] - 20 9/21: Monadjem, Ara (Dr.): TM: 2 [2 - 2 - 4].
Forbes Reef mine: 19 0/08: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
Franson Christian High: 19 2/06: ? : Collector Unknown: TM: 1 [1 - 1] - 19 3/06: ? : Collector Unknown: TM: 1 [1 - 1 - 2].
Hlane: 19 7/04: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
Hlane [2]: Collection Date Unknown: Monadjem, Ara (Dr.): TM: 2 [2 - 2 - 2].
Horo, in old mine drive: Collection Date Unknown: Roberts, Austin: TM: 2 [2 - 2 - 2].
Kwaluseni: 19 5/09: ? : Collector Unknown: TM: 2 [2 - 2 - 2].
Luyengo: Collection Date Unknown: Monadjem, Ara (Dr.): TM: 3 [3 - 3] - 19 7/22: ? : Collector Unknown: TM: 1 [1 - 1 - 4].
Maguga: 19 3/04: ? : Collector Unknown: NMB: 1 [1 - 1] - 19 3/05: ? : Collector Unknown: NMB: 4 [4 - 4] - 19 3/06: ? : Collector Unknown: NMB: 11 [11 - 11] - 19 3/09: ? : Collector Unknown: NMB: 2 [2 - 2 - 18].
Malalotja Cottage: Collection Date Unknown: Monadjem, Ara (Dr.): TM: 1 [1 - 1 - 1].
Malalotja Game Reserve: Collection Date Unknown: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
Malalotja Nature Reserve: 19 4/08: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
Maloma Primary School: Collection Date Unknown: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
Mbabane: 19 0/29: ? : Collector Unknown: TM: 1 [1 - 1] - Collection Date Unknown: ? : Collector Unknown: TM: 1 [1 - 1 - 2].
Mbutfu Primary School: 19 4/07: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
Mkhaya: Collection Date Unknown: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
Mkhuzweni Primary School: 19 4/18: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
Mlawula Nature Reserve: Collection Date Unknown: Monadjem, Ara (Dr.): TM: 2 [2 - 2] - 20 1/19: Monadjem, Ara (Dr.): TM: 2 [2 - 2] - 19 2/28: ? : Collector Unknown: TM: 2 [2 - 2] - 19 4/02: ? : Collector Unknown: TM: 2 [2 - 2 - 8].
Mlawula Nature Reserve 1: 20 2/02: Monadjem, Ara (Dr.); Kearney, Teresa Catherine (Dr.) and Seamark Ernest Charles James: TM: 6 [6]; Seamark, Ernest Charles James and Monadjem, Ara: TM: 2 [2 - 8] - 20 2/03: Monadjem, Ara (Dr.); Kearney, Teresa Catherine (Dr.) and Seamark Ernest Charles James: TM: 2 [2 - 2 - 10].
Mlawula Nature Reserve 2: 20 2/04: Seamark, Ernest Charles James and Monadjem, Ara: TM: 1 [1 - 1 - 1].
Ndabasezwe High School: 19 1/07: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
Ngcoseni Primary: Collection Date Unknown: Monadjem, Ara (Dr.): TM: 9 [9 - 9 - 9].
Ngwenya [=Byrhytes]: 19 0/21: ? : Collector Unknown: TM: 1 [1 - 1] - 19 0/21: ? : Collector Unknown: TM: 1 [1 - 1 - 2].
Nkwene High School: 19 3/01: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
Nsoko [=Forbes Ranch]: Collection Date Unknown: ? : Collector Unknown: TM: 3 [3 - 3] - 19 2/06: Monadjem, Ara (Dr.): TM: 1 [1 - 1 - 4].
Our Lady of Sorrows: Collection Date Unknown: ? : Collector Unknown: TM: 2 [2 - 2 - 2].
Piggs Peak: 19 5/23: ? : Collector Unknown: TM: 2 [2 - 2 - 2].
Ranches LTD: 19 6/01: ? : Collector Unknown: TM: 7 [7 - 7] - 19 6/01: ? : Collector Unknown: TM: 2 [2 - 2 - 9].
Rosecraft: 20 0/15: Monadjem, Ara (Dr.): TM: 2 [2 - 2] - Collection Date Unknown: Monadjem, Ara (Dr.): TM: 2 [2 - 2 - 4].
Sandleni Primary School: 19 9/06: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
Sikhunyana: 19 6/13: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
Sithobela Primary School: 19 3/06: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
St. Florence Mission: 19 4/21: ? : Collector Unknown: TM: 1 [1 - 1] - 19 4/22: ? : Collector Unknown: TM: 1 [1 - 1 - 2].
St. Joseph's: 19 1/04: ? : Collector Unknown: TM: 1 [1 - 1] - 19 6/07: ? : Collector Unknown: TM: 1 [1 - 1 - 2].
St. Peregrines: 19 4/03: ? : Collector Unknown: TM: 1 [1 - 1 - 1].
Wyldesdale: 20 1/08: Monadjem, Ara (Dr.): DNSM: 2 [2 - 2] - 19 5/29: ? : Collector Unknown: TM: 2 [2]; Roberts, Austin: TM: 3 [3 - 5 - 7].
Wyldesdale, in old mine drive: 19 5/29: Roberts, Austin: TM: 2 [2 - 2 - 2].

Total Specimens for Swaziland: 139

Tanzania

: 19 1/17: TM: 1 [1 - 1] - 19 2/20: ? : Collector Unknown: TM: 3 [3 - 3 - 4].
"Mosambiro", but actually Usambiro: 18 9/09: ? : Collector Unknown: BMNH: 1 [1 - 1 - 1].
Amani: Collection Date Unknown: ? : Collector Unknown: TM: 2, ZMB: 3 [5]; Awernizew: ZMB: 1 [1]; Hubbard, C.H.: TM: 1 [1]; Scheffler: ZMB: 1 [1]; Vossler: ZMB: 8 [8 - 16] - 19 4/04: Hubbard, C.A.: TM: 1 [1 - 1] - 19 4/04: Taylor, R.H.: TM: 1 [1 - 1] - 19 4/30: ? : Collector Unknown: TM: 1 [1 - 1] - 19 5/01: Hubbard, C.A.: TM: 1 [1 - 1] - 19 7/16: ? : Collector Unknown: TM: 2 [2 - 2] - 19 9/01: McInnery: BMNH: 1 [1 - 1 - 23].
Amani Nature Forest Reserve, NW-side: 20 2/09: Frontier: SMF: 2 [2 - 2] - 20 2/10: Frontier: SMF: 1 [1 - 1 - 3].
Amani West Forest Reserve: Collection Date Unknown: Howell, K.M. and Stuart, S.N.: BMNH: 1 [1 - 1 - 1].
Amani, 4.5 km WNW: 19 8/04: Goodman, Steven M.: FMNH: 1 [1 - 1 - 1].
Amani, 8 km WNW: 19 8/10: Goodman, Steven M.: FMNH: 2 [2 - 2 - 2].
Ambangulu Estate: 19 2/20: Howell, K.M.: SMF: 1 [1 - 1 - 1].
Ambangulu Estates: Collection Date Unknown: ? : Collector Unknown: ZMB: 3 [3]; Martienssen: ZMB: 8 [8 - 11 - 11].
Ambani caves: Collection Date Unknown: Taylor, R.H.: TM: 3 [3 - 3 - 3].
Arusha: 19 7/26: Kulzer, Edwin: SMF: 2 [2 - 2 - 2].

- Arusha, 6 mi S:** 19 7/24: Hoogstraal, Harry H.: FMNH: 3 [3 - 3 - 3].
- Arusha, 8 mi S:** 19 7/24: Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 1].
- Bagamoyo:** Collection Date Unknown: ?; Collector Unknown: ZMB: 2, ZMH: 1 [3]; Fischer: ZMB: 12 [12]; Langheld: ZMB: 4 [4]; Van Barneveld, H.W.P.: RMNH: 21 [21 - 40] - 19 1/30: ?; Collector Unknown: RMNH: 8 [8 - 8] - 19 1/30: ?; Collector Unknown: RMNH: 1 [1 - 1] - 19 2/01: ?; Collector Unknown: RMNH: 1 [1 - 1] - 19 2/02: ?; Collector Unknown: RMNH: 2 [2 - 2] - 19 2/02: ?; Collector Unknown: RMNH: 1 [1 - 1] - 19 2/02: ?; Collector Unknown: RMNH: 1 [1 - 1] - 19 2/03: ?; Collector Unknown: RMNH: 1 [1 - 1] - 19 2/04: ?; Collector Unknown: RMNH: 1 [1 - 1] - 19 2/04: ?; Collector Unknown: RMNH: 1 [1 - 1] - 19 2/05: ?; Collector Unknown: RMNH: 3 [3 - 3] - 19 2/06: ?; Collector Unknown: RMNH: 1 [1 - 1] - 19 2/06: ?; Collector Unknown: RMNH: 8 [8]; Van Barneveld, H.W.P.: RMNH: 1 [1 - 9] - 19 2/07: ?; Collector Unknown: RMNH: 3 [3 - 3] - 19 2/08: ?; Collector Unknown: RMNH: 1 [1 - 1] - 19 2/09: ?; Collector Unknown: RMNH: 1 [1 - 1] - 19 2/09: ?; Collector Unknown: RMNH: 2 [2 - 2] - 19 2/11: ?; Collector Unknown: RMNH: 1 [1 - 1] - 19 2/12: ?; Collector Unknown: RMNH: 1 [1 - 1] - 19 2/29: Brooks, A.C.: BMNH: 2 [2 - 2] - 19 4/10: Van Barneveld, H.W.P.: RMNH: 1 [1 - 1] - 19 6/01: Van Barneveld, H.W.P.: RMNH: 2 [2 - 2 - 84].
- Bamba-Mlungi Forest Reserve:** Collection Date Unknown: Bayliss, J. et al. (Frontier-Project): SMF: 1 [1 - 1] - 19 9/02: Bayliss, J.: SMF: 1 [1 - 1 - 2].
- Banagi:** 19 1/16: Plisnier, J.: KBIN: 1 [1 - 1] - 19 1/30: Brooks, A.C.: BMNH: 1 [1 - 1] - 19 1/31: Brooks, A.C.: BMNH: 1 [1]; Swynnerton, G.H.: BMNH: 1 [1 - 2] - 19 2/11: Brooks, A.C.: BMNH: 1 [1 - 1] - 19 2/18: Plisnier, J.: KBIN: 5 [5 - 5] - 19 2/24: Plisnier, J.: KBIN: 3 [3 - 3] - 19 3/02: Brooks, A.C.: BMNH: 1 [1 - 1] - 19 3/05: Brooks, A.C.: BMNH: 1 [1 - 1] - 19 3/21: Brooks, A.C.: BMNH: 1 [1 - 1] - 19 9/13: Swynnerton, G.H.: BMNH: 2 [2 - 2 - 18].
- Behobeho:** 19 6/01: Msuya, C.A.: SMF: 1 [1 - 1 - 1].
- Bet El Ras:** Collection Date Unknown: Pakenham, R.H.W.: BMNH: 6 [6 - 6 - 6].
- Bismarckburg [=Kasanga]:** Collection Date Unknown: Fromm: ZMB: 1 [1 - 1 - 1].
- Bologonja:** 19 9/04: Plisnier, J.: KBIN: 1 [1 - 1 - 1].
- Bugagi:** Collection Date Unknown: Pakenham, R.H.W.: BMNH: 1 [1 - 1 - 1].
- Bukoba:** Collection Date Unknown: Carl, J.: MHNG: 6 [6]; Eggert: ZMB: 1 [1]; Emir Pascha: ZMB: 4 [4]; Mecklenburg, Adolf Fritz zu (Herzog): ZMB: 7 [7 - 18 - 18].
- Bungi:** Collection Date Unknown: Pakenham, R.H.W.: BMNH: 2 [2 - 2 - 2].
- Capri Point:** 19 1/15: Luttkik, R.: ZMA: 3 [3 - 3 - 3].
- Chimala:** 19 0/22: Knipper: SMNS: 4 [4 - 4] - 19 6/04: Knipper: LNK: 11 [11 - 11 - 15].
- Chita, 3 km N:** 19 8/03: Stanley, William (Bill) T.: FMNH: 3 [3 - 3 - 3].
- Chuaka:** Collection Date Unknown: Swinny, H.H.: BMNH: 1 [1 - 1 - 1].
- Dali:** 19 7/11: Andersen, Th.: ZFMK: 1 [1 - 1] - 19 7/12: Andersen, Th.: ZFMK: 1 [1 - 1 - 2].
- Dar es Salaam:** 19 0/22: Dinkelacker: SMNS: 1 [1 - 1] - Collection Date Unknown: ?; Collector Unknown: BMNH: 1 [1]; Loveridge, Arthur: BMNH: 3 [3]; Swaythling: BMNH: 1 [1 - 5] - 19 1/20: Loveridge, Arthur: BMNH: 2 [2 - 2] - 18 2/08: Rautenberg: ZMH: 1 [1 - 1] - 19 6/06: Pommeroy: RMCA: 2 [2 - 2] - 19 6/25: Howell, K.M. and Otindo, B.L.: BMNH: 1 [1 - 1] - 19 7/25: Andersen: ZFMK: 3 [3 - 3] - 19 8/06: Mduma: SMF: 1 [1 - 1] - 19 8/14: Zimmer, J.T.: FMNH: 2 [2 - 2 - 18].
- Dar-es-Salaam:** Collection Date Unknown: ?; Collector Unknown: ZMB: 5 [5]; Biedermann, Mr.: ZMB: 2 [2]; Hürstel: MZStrasbourg: 1 [1]; Stuhlmann, Franz (dr.): ZMB: 8 [8]; Werth: ZMB: 4 [4]; Willems: ZMB: 1 [1]; Worth: ZMB: 1 [1 - 22] - 19 2/08: ?; Collector Unknown: TM: 1 [1 - 1 - 23].
- Engaruka:** Collection Date Unknown: Swynnerton, G.H.: SMF: 1 [1 - 1 - 1].
- Genda Genda South forest reserve:** 19 0/18: Cockle, A.: SMF: 1 [1 - 1] - Collection Date Unknown: Cockle, A.: SMF: 1 [1 - 1] - 19 1/28: Cockle, A.: SMF: 1 [1 - 1] - 19 8/14: Hart, A.: SMF: 1 [1 - 1 - 4].
- Gibbs farm:** 19 9/01: Howell, K.M.: SMF: 1 [1 - 1 - 1].
- Gombe Stream National Park:** 19 2/12: Howell, K.M. and Wrangham, R.W.: BMNH: 1 [1 - 1 - 1].
- Grummetti:** 19 0/03: Ingles, Jane M.: BMNH: 1 [1 - 1] - 19 8/23: Plisnier, J.: KBIN: 1 [1 - 1 - 2].
- Gulwe Station:** 19 1/07: Loveridge, Arthur: BMNH: 1 [1 - 1 - 1].
- Handajega:** 19 0/28: Plisnier, J.: KBIN: 2 [2 - 2 - 2].
- Igalula:** 19 5/07: Rees, A.F.?: HZM: 1 [1 - 1 - 1].
- Ikungi:** 19 0/03: Loveridge, Arthur: BMNH: 1 [1 - 1 - 1].
- Ilonga Research and Training Centre:** 19 3/02: Lambert, R.R.K.: BMNH: 1 [1 - 1 - 1].
- Inwale:** Collection Date Unknown: Ionides, C.J.P.: BMNH: 1 [1 - 1 - 1].
- Iraqu:** 19 7/25: Kohl-Larsen expedition, the: SMF: 5 [5 - 5 - 5].
- Iringa:** Collection Date Unknown: Jörgens: ZMB: 3 [3 - 3 - 3].
- Iringa, near:** 19 7/23: Knipper: LNK: 1 [1 - 1 - 1].
- Itende:** 19 1/14: Loveridge, Arthur: BMNH: 1 [1 - 1 - 1].
- Kafukola:** 19 0/22: Robertson, I.A.D.: HZM: 1 [1 - 1] - 19 2/10: Robertson, I.A.D.: HZM: 1 [1 - 1] - 19 4/16: Robertson, I.A.D.: HZM: 1 [1 - 1] - 19 4/25: Vesey-FitzGerald, L.D.E.F. (Col.): HZM: 1 [1 - 1] - 19 6/06: Robertson, I.A.D.: HZM: 1 [1 - 1] - 19 7/06: Robertson, I.A.D.: HZM: 1 [1 - 1] - 19 7/13: Robertson, I.A.D.: HZM: 1 [1 - 1] - 19 8/05: Robertson, I.A.D.: HZM: 1 [1 - 1] - 19 8/15: Robertson, I.A.D.: HZM: 1 [1 - 1] - 19 8/16: Robertson, I.A.D.: BMNH: 1 [1 - 1] - 19 9/03: Robertson, I.A.D.: HZM: 1 [1 - 1 - 11].
- Kafukola C. Rukwa:** 19 7/17: ?; Collector Unknown: TM: 1 [1 - 1] - 19 8/13: ?; Collector Unknown: TM: 1 [1 - 1] - 19 8/20: ?; Collector Unknown: TM: 1 [1 - 1] - 19 8/23: ?; Collector Unknown: TM: 1 [1 - 1 - 4].
- Kalambo Falls:** 19 6/15: Holliday, C.S.: NHMZ: 1 [1 - 1 - 1].
- Kalembo:** 19 4/10: Robertson, I.A.D.: HZM: 1 [1 - 1 - 1].
- Kambai Forest Reserve:** Collection Date Unknown: Frontier-Project: SMF: 1 [1 - 1 - 1].
- Kampi Ya Mawe:** 19 2/02: Swynnerton, G.H.: BMNH: 4 [4 - 4 - 4].
- Karema:** Collection Date Unknown: Fromm: ZMB: 1 [1 - 1 - 1].
- Karugu:** 19 2/16: Swynnerton, G.H.: BMNH: 4 [4 - 4 - 4].
- Kawe:** 19 1/06: Williams, John G.: ROM: 1 [1 - 1 - 1].
- Kazimzumbwi forest reserve:** 19 1/18: Cockle, A.: SMF: 1 [1 - 1] - 19 1/20: Cockle, A.: SMF: 1 [1 - 1] - 19 3/11: Cockle, A.: SMF: 1 [1 - 1 - 3].
- Kebandio island:** Collection Date Unknown: ?; Collector Unknown: ZMB: 1 [1 - 1 - 1].
- Kibebe farms:** 20 8/09: Stanley, William (Bill) T.: FMNH: 1 [1 - 1 - 1].
- Kichanjane:** 19 2/07: Rees, A.F.?: HZM: 1 [1 - 1 - 1].
- Kidugallo:** Collection Date Unknown: Anderson, Th.: SMF: 1 [1 - 1] - 19 2/07: Andersen, Th.: SMNS: 1 [1 - 1] - 19 2/08:

- Andersen, Th.: ZFMK: 1 [1 - 1] - 19 2/23: Andersen, Th.: SMNS: 1 [1 - 1] - 19 2/28: Andersen: ZFMK: 1 [1 - 1] - 19 8/19: Von Nagy: ZFMK: 1 [1 - 1 - 6].
- Kigoma:** 19 2/04: Easton, E.R.: BMNH: 1 [1 - 1 - 1].
- Kilombero Valley:** Collection Date Unknown: Frontier: SMF: 1 [1 - 1] - 19 7/22: Frontier: SMF: 1 [1 - 1 - 2].
- Kilondoni:** 19 9/23: Swynnerton, G.H.: BMNH: 1 [1 - 1] - 19 9/25: Swynnerton, G.H.: BMNH: 3 [3 - 3 - 4].
- Kilosa:** Collection Date Unknown: Loveridge, Arthur: BMNH: 1 [1 - 1] - 19 1/17: Rees, A.F.?: HZM: 1 [1 - 1] - 19 1/24: Rees, A.F.?: ZFMK: 1 [1 - 1] - 19 2/19: Rees, A.F.?: HZM: 1 [1 - 1] - 19 5/02: ?: Collector Unknown: SMF: 1 [1 - 1] - 19 5/04: Loveridge, Arthur: BMNH: 1, USNM: 1 [2 - 2] - 19 5/08: Loveridge, Arthur: BMNH: 1 [1 - 1] - 19 5/10: Loveridge, Arthur: KM: 2 [2 - 2] - 19 5/10: Loveridge, Arthur: BMNH: 3 [3 - 3 - 13].
- Kilossa, weitere Umgebuhg [=near Kilosa]:** Collection Date Unknown: Fachlehrer, A. Horn: NMW: 1 [1 - 1 - 1].
- Kilulu Hill:** 19 2/25: Cockle, A.: SMF: 1 [1 - 1 - 1].
- Kinole:** Collection Date Unknown: Schlüter, A.: ZMB: 1 [1 - 1 - 1].
- Kiraboga:** 19 8/11: Harrison, David Lakin (Dr.): SMF: 1 [1 - 1 - 1].
- Kisaki:** Collection Date Unknown: Buchanan, Angus: BMNH: 1 [1 - 1 - 1].
- Kisarawe:** Collection Date Unknown: ?: Collector Unknown: ZFMK: 1 [1 - 1] - 19 1/10: Howell, K.M.: BMNH: 1 [1 - 1] - 19 2/02: Howell, K.M.: BMNH: 1 [1 - 1] - 19 2/22: Howell, K.M. and Msuya, C.A.: USNM: 2 [2 - 2] - 19 3/09: Howell, K.M.: USNM: 1 [1 - 1] - 19 7/21: Andersen, Th.: ZFMK: 2 [2 - 2] - 19 8/18: Andersen, Th.: ZFMK: 1 [1 - 1] - 19 9/06: Andersen, Th.: ZFMK: 1 [1 - 1] - 19 9/08: Cozens, G.P. and Swinny, H.H.: BMNH: 1 [1 - 1 - 11].
- Kisarawe, near:** 19 4/03: ?: Collector Unknown: TM: 1 [1 - 1] - 19 6/01: ?: Collector Unknown: TM: 1 [1 - 1] - 19 7/20: ?: Collector Unknown: TM: 2 [2 - 2 - 4].
- Kisiju island:** 19 2/10: Stubbsfield, L. and Howell, K.M.: SMF: 2 [2 - 2 - 2].
- Kisikka:** Collection Date Unknown: Carl, J.: MHNG: 8 [8 - 8 - 8].
- Kitaya:** Collection Date Unknown: Loveridge, Arthur: MCZ: 9 [9 - 9] - 19 4/03: Loveridge, Arthur: MCZ: 1 [1 - 1 - 10].
- Kizimkazi:** Collection Date Unknown: Pakenham, R.H.W.: BMNH: 2 [2 - 2] - 19 1/04: Pakenham, R.H.W.: BMNH: 5 [5 - 5] - 19 1/27: Pakenham, R.H.W.: BMNH: 1 [1 - 1 - 8].
- Kokotoni [=Mkokotoni]:** Collection Date Unknown: Voeltzkow: ZMB: 2 [2 - 2 - 2].
- Kondoa:** Collection Date Unknown: Zumpt, F. (dr.): ZMB: 2 [2 - 2 - 2].
- Korogwe:** Collection Date Unknown: Bohndorff: ZMB: 1 [1 - 1 - 1].
- Korogwe, 12.5 km NW:** 19 7/03: Goodman, Steven M.: FMNH: 2 [2 - 2] - 19 7/04: Goodman, Steven M.: FMNH: 2 [2 - 2] - 19 7/05: Goodman, Steven M.: FMNH: 1 [1 - 1] - 19 9/01: Goodman, Steven M.: FMNH: 2 [2 - 2] - 19 9/02: Goodman, Steven M.: FMNH: 1 [1 - 1 - 8].
- Kugulwira:** 19 7/17: Andersen, Th.: NMBE: 1 [1 - 1 - 1].
- Kurasini area:** 19 0/12: Baker: SMF: 2 [2 - 2 - 2].
- Kwamgumi Forest Reserve:** 19 0/22: Frontier: SMF: 1 [1 - 1] - Collection Date Unknown: Frontier: SMF: 1 [1]; Funnell, E (Frontier-Project): SMF: 1 [1 - 2] - 19 2/16: Bayliss, J.: SMF: 1 [1 - 1 - 4].
- Kwamkoro [Forest Reserve]:** Collection Date Unknown: Vossler: ZMB: 1 [1 - 1 - 1].
- Lake Manyara National Park:** Collection Date Unknown: ?. Collector Unknown: SMF: 1 [1]; Howell, K.M.: SMF: 1 [1]; Howell, K.M. and Msunga, C.A.: SMF: 1 [1]; Howell, T.M.: SMF: 1 [1 - 4 - 4].
- Lake Rukwa:** Collection Date Unknown: Glauning: ZMB: 5 [5 - 5 - 5].
- Langenburg [=?Ikombe]:** Collection Date Unknown: Fülleborn: ZMB: 4 [4 - 4 - 4].
- Lembeni:** 19 1/04: Andersen, Th.: SMNS: 2 [2 - 2] - 19 1/21: Andersen: ZFMK: 1 [1 - 1] - 19 3/17: Andersen, Th.: ZFMK: 1 [1 - 1] - 19 3/18: Andersen, Th.: ZFMK: 1 [1 - 1] - 19 3/21: Andersen, Th.: ZFMK: 1 [1 - 1] - 19 4/18: Andersen, Th.: ZFMK: 1 [1 - 1] - 19 4/23: Andersen: ZFMK: 1 [1 - 1] - 19 4/27: Andersen, Th.: ZFMK: 2 [2 - 2] - 19 5/02: Andersen: ZFMK: 3 [3 - 3] - 19 5/11: Andersen, Th.: ZFMK: 1 [1 - 1] - 19 6/03: Andersen: ZFMK: 2 [2 - 2] - 19 6/17: Andersen, Th.: ZFMK: 1 [1 - 1] - 19 6/21: Andersen, Th.: ZFMK: 1 [1 - 1] - 19 8/23: Andersen, Th.: SMNS: 1 [1 - 1] - 19 8/26: Andersen, Th.: ZFMK: 1 [1 - 1 - 20].
- Li Junge, mountain:** Collection Date Unknown: Schuster: ZMB: 1 [1 - 1 - 1].
- Li Tunge:** Collection Date Unknown: Schuster: ZMB: 1 [1 - 1 - 1].
- Likawage:** Collection Date Unknown: Ionides, C.J.P.: BMNH: 1 [1 - 1] - 19 1/13: Ionides, C.J.P.: BMNH: 6 [6 - 6 - 7].
- Lindi:** Collection Date Unknown: Fülleborn: ZMB: 7 [7]; Lademann: ZMB: 1 [1 - 8 - 8].
- Lipumba:** 19 7/14: Naumann and eichert: SMTD: 1 [1 - 1 - 1].
- Litipo Forest Reserve:** Collection Date Unknown: Frontier: SMF: 1 [1 - 1] - 19 7/30: Frontier: SMF: 1 [1 - 1] - 19 8/12: Frontier: SMF: 1 [1 - 1 - 3].
- Liwale:** Collection Date Unknown: ?. Collector Unknown: BMNH: 3 [3]; Louwdes, C.J.P.: CAWM: 1 [1 - 4] - 19 1/01: Ionides, C.J.P.: HZM: 1 [1 - 1] - 19 1/27: Swynnerton, G.H. and Brooks: BMNH: 1 [1 - 1] - 19 2/01: Ionides, C.J.P.: BMNH: 1 [1 - 1] - 19 2/06: Ionides, C.J.P.: BMNH: 1 [1 - 1] - 19 2/11: Ionides, C.J.P.: HZM: 1 [1 - 1] - 19 4/10: Ionides, C.J.P.: SMF: 1 [1 - 1] - 19 5/13: Ionides, C.J.P.: BMNH: 2 [2 - 2] - 19 5/26: Ionides, C.J.P.: HZM: 1 [1 - 1] - 19 6/04: Ionides, C.J.P.: BMNH: 1 [1 - 1 - 14].
- Lugurungjere river:** Collection Date Unknown: ?. Collector Unknown: ZMB: 1 [1 - 1 - 1].
- Lugoda Tea Estate:** 19 2/24: Baswell: SMF: 1 [1 - 1] - 19 4/11: Baker, Niel: SMF: 1 [1 - 1 - 2].
- Lukoga:** 19 0/04: Rees, A.F.?: HZM: 1 [1 - 1 - 1].
- Madaba:** 19 9/10: Harrison, David Lakin (Dr.): SMF: 1 [1 - 1 - 1].
- Magrotto mountains:** Collection Date Unknown: Martienssen: ZMB: 6 [6 - 6 - 6].
- Makullo [=Makulo]:** Collection Date Unknown: Steudner: ZMB: 1 [1 - 1 - 1].
- Malindi:** Collection Date Unknown: Fischer: ZMB: 4 [4 - 4 - 4].
- Manga Forest Reserve:** 19 7/27: Frontier: SMF: 2 [2 - 2 - 2].
- Mangangachi:** 19 1/16: Ionides, C.J.P.: BMNH: 1 [1 - 1 - 1].
- Mangola:** 19 7/28: Howell, K.M.: SMF: 1 [1 - 1 - 1].
- Manyara, Lake:** Collection Date Unknown: Cooper, B.: BMNH: 3 [3 - 3] - 19 3/16: ?. Collector Unknown: BMNH: 1 [1 - 1] - 19 5/11: Howell, K.M.: SMF: 1 [1 - 1 - 5].
- Mara:** 19 5/17: Jonathan, J.: ROM: 5 [5 - 5] - 19 5/18: Jonathan, J.: ROM: 1 [1 - 1 - 6].
- Marahubi Mlangoni:** Collection Date Unknown: Pakenham, R.H.W.: BMNH: 1 [1 - 1 - 1].
- Marienhof:** Collection Date Unknown: Ranniger: MHNG: 1 [1 - 1 - 1].
- Marungu:** Collection Date Unknown: Böhm: ZMB: 5 [5 - 5 - 5].
- Masimani:** Collection Date Unknown: Schillings: ZMB: 1 [1 - 1 - 1].
- Matai Forest Reserve:** 19 8/02: Frontier-Project: SMF: 1 [1 - 1 - 1].

- Matete river:** 19 0/17: Kohl-Larsen expedition, the: SMF: 1 [1 - 1 - 1].
- Matumbi-Berge [=Matumbi Hishlands]:** Collection Date Unknown: ?: Collector Unknown: ZMB: 3 [3 - 3 - 3].
- Mazumba Estate:** Collection Date Unknown: Baagøe, Hans J.: ZMUC: 11 [11 - 11] - 19 1/21: Howell, K.M. and Stuart, S.N.: SMF: 1 [1 - 1 - 12].
- Mazumbai Forest Reserve:** Collection Date Unknown: ?: Collector Unknown: SMF: 1 [1 - 1 - 1].
- Mbarangandu:** 19 1/05: Ionides, C.J.P.: BMNH: 1 [1 - 1 - 1].
- Mbemba:** 19 6/10: Harrison, David Lakin (Dr.): SMF: 1 [1]; Rees, A.F.?: SMF: 1 [1 - 2 - 2].
- Mbweni:** Collection Date Unknown: Pakenham, R.H.W.: BMNH: 2 [2 - 2] - 19 2/08: Pakenham, R.H.W.: BMNH: 1 [1 - 1 - 3].
- Meru, mount:** 19 0/11: Vesey-FitzGerald, L.D.E.F. (Col.): BMNH: 2 [2 - 2 - 2].
- Mfulu:** Collection Date Unknown: von Erlanger: ZMB: 1 [1 - 1 - 1].
- Mikindani:** 19 0/01: Andersen, Th.: ZFMK: 1 [1 - 1] - Collection Date Unknown: Grote: ZMB: 10 [10]; Schillings: ZMB: 1 [1 - 11] - 19 2/11: Andersen, Th.: SMF: 9 [9 - 9] - 19 2/12: Andersen, Th.: ZFMK: 2 [2 - 2] - 19 2/13: Andersen: ZFMK: 4 [4 - 4] - 19 5/22: Andersen, Th.: SMF: 11 [11 - 11] - 19 6/17: Andersen, Th.: ZFMK: 1 [1 - 1] - 19 7/17: Andersen: ZFMK: 1 [1 - 1] - 19 7/18: Andersen: ZFMK: 3 [3 - 3] - 19 7/24: Andersen: ZFMK: 1 [1 - 1] - 19 8/14: Andersen: ZFMK: 3 [3 - 3] - 19 9/05: Andersen, Th.: ZFMK: 1 [1 - 1 - 48].
- Mikumi National Park H.Q.:** Collection Date Unknown: Leirs, Herwig: UIA: 1 [1]; Norton, G. and Roertgen, B.: BMNH: 1 [1 - 2] - 19 4/10: Howell, K.M.: SMF: 1 [1 - 1] - 19 4/16: Howell, K.M.: SMF: 1 [1 - 1 - 4].
- Minaki, St. Andrews College:** 19 1/28: Ogilvie, M.B. (or P.W.): KU: 1 [1 - 1] - 19 3/03: Ogilvie, M.B. (or P.W.): KU: 2 [2 - 2 - 3].
- Minziro forest:** 19 7/17: Howell, K.M.: SMF: 1 [1 - 1 - 1].
- Misingi:** 19 7/14: Zink, G.: SMNS: 1 [1 - 1 - 1].
- Mkulumuzi River Gorge, Amboni Cave Forest:** 19 2/27: Stubblefield, L.: SMF: 1 [1 - 1 - 1].
- Mnara:** Collection Date Unknown: Leirs, Herwig: UIA: 1 [1 - 1] - 19 7/05: Verheyen, Walter N. and ABOS_Tanzania Belgian Rodent Project - Belgian Coop.: RMCA: 37 [37 - 37 - 38].
- Mohorro [=Mohoro plantation]:** Collection Date Unknown: Langheld: ZMB: 1 [1 - 1 - 1].
- Mojoni [=Muyuni]:** Collection Date Unknown: Neumann: ZMB: 11 [11 - 11 - 11].
- Mongola:** 19 9/03: Howell, K.M. and Harly: SMF: 1 [1 - 1 - 1].
- Morningside:** 19 4/15: Andulege and Mdumu: SMF: 1 [1 - 1 - 1].
- Morogoro:** Collection Date Unknown: Loveridge, Arthur: BMNH: 6, USNM: 1 [7]; Schönheit: ZMB: 1 [1]; Stuhlmann, Franz (dr.): ZMB: 1 [1]; Swaythling: BMNH: 1 [1 - 10] - 19 2/13: Loveridge, Arthur: USNM: 4 [4 - 4] - 19 4/03: Loveridge, Arthur: BMNH: 1 [1 - 1] - 19 7/17: Andersen, Th.: ZFMK: 3 [3 - 3] - 19 9/15: Loveridge, Arthur: BMNH: 1 [1 - 1 - 19].
- Morogoro, 20 mi N:** 19 9/15: Twomey, A.C.: CM: 1 [1 - 1 - 1].
- Moshi:** Collection Date Unknown: Baxter: BMNH: 1 [1]; Colley: SMF: 2 [2]; Neumann: ZMB: 1 [1]; Neumann, O.: ZMB: 1 [1 - 5 - 5].
- Mpapua [=Mpwapwa]:** Collection Date Unknown: Lademann: ZMB: 1 [1 - 1 - 1].
- Mtandika:** Collection Date Unknown: Jörgens: ZMB: 6 [6 - 6 - 6].
- Mtira:** Collection Date Unknown: Fülleborn: ZMB: 1 [1 - 1 - 1].
- Mto-Wa-Mbo:** Collection Date Unknown: Corbet, Gordon B. and Ingles, Jane M.: BMNH: 1 [1]; Matthews, L. Harrison: BMNH: 1 [1 - 2 - 2].
- Muansa [=Mwanza]:** Collection Date Unknown: Neumann: ZMB: 1 [1 - 1 - 1].
- Muhange:** 19 2/26: Rees, A.F. and Start, A.N.: BMNH: 1 [1 - 1 - 1].
- Muheza:** 19 8/04: Baagøe, Hans J.: ZMUC: 16 [16 - 16 - 16].
- Muheza Forest, Tongwe Forest Reserve:** 19 1/23: Cockle, A.: SMF: 1 [1 - 1 - 1].
- Musabi:** 19 8/04: Plisnier, J.: KBIN: 2 [2 - 2 - 2].
- Musosa:** Collection Date Unknown: Bredo, H.J.: KBIN: 5 [5 - 5 - 5].
- Mwanihana Forest:** Collection Date Unknown: Howell, K.M.: SMF: 1 [1]; Msuya, C.A.: SMF: 1 [1 - 2] - 19 1/11: Howell, K.M.: SMF: 2 [2 - 2] - 19 4/17: Howell, K.M.: SMF: 1 [1 - 1] - 19 5/18: Jonathan, J.: ROM: 1 [1 - 1 - 6].
- Mwaya:** Collection Date Unknown: Ionides, C.J.P.: BMNH: 1 [1 - 1] - 19 3/07: Loveridge, Arthur: MCZ: 5 [5 - 5] - 19 8/22: Conicks: HZM: 1 [1 - 1 - 7].
- Mwazye:** Collection Date Unknown: Fromm: ZMB: 1 [1 - 1 - 1].
- Mwela:** 19 2/14: Kalchreuter: SMNS: 1 [1 - 1 - 1].
- Mwiti Mkuu:** Collection Date Unknown: Pakenham, R.H.W.: BMNH: 1 [1 - 1 - 1].
- Mwsamwilager:** Collection Date Unknown: Fromm: ZMB: 1 [1 - 1 - 1].
- Myaiai:** 19 1/20: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Nakibou:** 19 2/01: Ionides, C.J.P.: BMNH: 1 [1 - 1 - 1].
- Namanjere [=Namanyere]:** Collection Date Unknown: Fromm: ZMB: 1 [1 - 1 - 1].
- Namithu Kilwa:** 19 2/03: Ionides, C.J.P.: BMNH: 1 [1 - 1 - 1].
- Namumbulu:** 19 1/11: Ionides, C.J.P.: BMNH: 4 [4 - 4 - 4].
- Nangoma cave?:** Collection Date Unknown: Methner: ZMB: 2 [2 - 2 - 2].
- Nanguale:** 19 0/03: Ionides, C.J.P.: BMNH: 3 [3 - 3 - 3].
- Nashallo:** 19 9/09: Zink, G.: SMNS: 1 [1 - 1 - 1].
- Natron, W side lake:** 19 8/22: Leaket: BMNH: 2 [2 - 2 - 2].
- Ndala River:** Collection Date Unknown: ?: Collector Unknown: HZM: 3 [3 - 3 - 3].
- Newala:** 19 1/12: Ionides, C.J.P.: HZM: 1 [1 - 1] - 19 2/27: Ionides, C.J.P.: HZM: 2 [2 - 2 - 3].
- Ngelehek:** 19 9/05: Plisnier, J.: KBIN: 1 [1 - 1 - 1].
- Ngoroine [=Nguruimi]:** Collection Date Unknown: Neumann: ZMB: 2 [2 - 2 - 2].
- Ngorongoro:** Collection Date Unknown: ?: Collector Unknown: TM: 1 [1]; Broom: TM: 1 [1 - 2 - 2].
- no specific locality:** Collection Date Unknown: Fülleborn: ZMB: 1 [1]; Stegmann-Stein: ZMB: 3 [3]; Stierling: ZMB: 1 [1 - 5 - 5].
- Noamania:** 19 7/09: Ionides, C.J.P.: BMNH: 1 [1 - 1 - 1].
- Northeastern Tanzania:** 19 3/31: ?: Collector Unknown: ROM: 1 [1 - 1 - 1].
- northern Matema:** 19 2/30: Singerhoff, E.: SMF: 2 [2 - 2 - 2].
- Nyamirembe:** Collection Date Unknown: Swynnerton, G.H.: AMNH: 1 [1 - 1 - 1].
- Nyamuhoro valley:** 19 9/05: Clarke, Ph. et al.: SMF: 1 [1 - 1 - 1].
- Oi Donyo Sambu:** 19 7/26: Kulzer, Edwin: SMF: 7 [7 - 7 - 7].
- Pangani Falls:** Collection Date Unknown: ?: Collector Unknown: ZMB: 1 [1 - 1 - 1].
- Pangani river:** Collection Date Unknown: Gerrard: ZMB: 1 [1]; Regner: ZMB: 1 [1]; Schillings: ZMB: 1 [1 - 3 - 3].
- Pemba island:** Collection Date Unknown: Dt. Theater Berlin: ZMB: 1 [1]; Voeltzkow: ZMB: 6 [6 - 7 - 7].

- Pugu forest:** Collection Date Unknown: Howell, K.M. and Msuya, C.A.: ZMUC: 10 [10 - 10 - 10].
- Rondo Flat [forest]:** Collection Date Unknown: Leirs, Herwig: UIA: 3 [3 - 3] - 19 1/26: Ionides, C.J.P.: HZM: 1 [1 - 1] - 19 2/11: Ionides, C.J.P.: HZM: 2 [2 - 2] - 19 7/03: Leirs, Herwig: UIA: 1 [1 - 1 - 7].
- Ruanda farm:** Collection Date Unknown: Kingdon, Jonathan: HZM: 4 [4 - 4] - 19 2/12: Kingdon, Jonathan: HZM: 3 [3 - 3] - 19 2/13: Kingdon, Jonathan: HZM: 1 [1 - 1] - 19 2/17: Kingdon, Jonathan: HZM: 1 [1 - 1 - 9].
- Ruangwa:** Collection Date Unknown: Leirs, Herwig: UIA: 1 [1 - 1 - 1].
- Rukwa:** Collection Date Unknown: Bredo, H.J.: KBIN: 2 [2 - 2] - 19 4/16: Vesey-FitzGerald, L.D.E.F. (Col.): HZM: 1 [1 - 1 - 3].
- Rungwa mountains:** Collection Date Unknown: Leirs, Herwig: UIA: 13 [13 - 13] - 19 3/06: Loveridge, Arthur: MCZ: 1 [1 - 1 - 1] - 19 3/07: Loveridge, Arthur: MCZ: 2 [2 - 2] - 19 9/23: Leirs, Herwig: UIA: 2 [2 - 2 - 18].
- Rutenganio [Mission]:** Collection Date Unknown: Fülleborn: ZMB: 1 [1 - 1 - 1].
- Sagaya:** 19 1/04: Loveridge, Arthur: BMNH: 5 [5 - 5 - 5].
- Sam Deli:** 19 7/03: Andersen: ZFMK: 1 [1 - 1 - 1].
- Same:** 19 7/10: Andersen, Th.: SMNS: 1 [1 - 1 - 1].
- Segoma Forest Reserve:** 19 3/05: Frontier: SMF: 1 [1 - 1] - 19 8/26: Frontier: SMF: 1 [1 - 1 - 2].
- Semdoe Forest Reserve:** 20 2/15: Frontier: SMF: 1 [1 - 1] - 20 2/20: Frontier: SMF: 1 [1 - 1] - 20 3/13: Frontier: SMF: 1 [1 - 1] - 19 3/13: Frontier-Project: SMF: 1 [1 - 1 - 4].
- Seronera:** 19 0/12: Ingles, Jane M.: BMNH: 1 [1 - 1] - 19 9/24: Plisnier, J.: KBIN: 1 [1 - 1 - 2].
- Shakani:** Collection Date Unknown: Pakenham, R.H.W.: BMNH: 2 [2 - 2 - 2].
- Simiyu:** 19 7/10: Williams, John G.: FMNH: 1 [1 - 1 - 1].
- Singida:** Collection Date Unknown: Fliegner: ZMB: 2 [2 - 2 - 2].
- Soga:** 19 0/30: Andersen: ZFMK: 3 [3 - 3] - 19 7/08: Andersen: ZFMK: 2 [2]; Andersen, Th.: ZFMK: 1 [1 - 3] - 19 7/09: Andersen, Th.: ZFMK: 1 [1 - 1] - 19 7/10: Andersen: ZFMK: 1 [1 - 1] - 19 7/11: Andersen: ZFMK: 2 [2 - 2] - 19 7/14: Andersen: ZFMK: 1 [1 - 1] - 19 7/16: Andersen: ZFMK: 1 [1 - 1] - 19 7/19: Andersen: ZFMK: 1 [1 - 1] - 19 7/20: Andersen: ZFMK: 1 [1 - 1] - 19 7/26: Andersen: ZFMK: 4 [4 - 4] - 19 7/27: Andersen: ZFMK: 2 [2 - 2] - 19 7/30: Andersen: ZFMK: 1 [1 - 1] - 19 8/01: Andersen, Th.: ZFMK: 4 [4 - 4] - 19 8/02: Andersen, Th.: ZFMK: 3 [3 - 3] - 19 8/04: Andersen, Th.: NMBE: 1 [1 - 1 - 29].
- Songea:** 19 9/11: Ionides, C.J.P.: BMNH: 1 [1 - 1 - 1].
- Songomano:** 19 1/20: Ionides, C.J.P.: BMNH: 1 [1 - 1 - 1].
- Songwe Valley, Tegemo farm:** 19 1/15: Sikombe, S.W.: SMF: 1 [1 - 1 - 1].
- Songwe-Flub, Songwe Bat Cave:** 19 1/04: Singerhoff, E.: SMF: 1 [1 - 1 - 1].
- South Province:** Collection Date Unknown: Louides, G.J.P.: CAWM: 2 [2 - 2 - 2].
- Southern province:** Collection Date Unknown: Ionides, C.J.P.: BMNH: 2 [2 - 2] - 19 7/13: Ionides, C.J.P.: BMNH: 2 [2 - 2 - 4].
- Suma:** Collection Date Unknown: Leirs, Herwig: UIA: 2 [2 - 2 - 2].
- Suna:** 19 0/03: Loveridge, Arthur: BMNH: 1 [1 - 1 - 1].
- Tabora:** Collection Date Unknown: Diesener: ZMB: 6 [6]; Swaythling: BMNH: 1 [1 - 7] - 19 2/09: Loveridge, Arthur: BMNH: 1 [1 - 1 - 8].
- Takaungu:** 19 0/20: Percival, A.B.: BMNH: 1 [1 - 1] - Collection Date Unknown: Percival, A.B.: BMNH: 1 [1 - 1] - 19 8/01: Williams, John G.: ROM: 1 [1 - 1 - 3].
- Tanangire National Park:** 19 3/19: Mturi, F.A.: AMNH: 1 [1 - 1 - 1].
- Tandamanga:** 19 2/19: Ionides, C.J.P.: BMNH: 3 [3 - 3 - 3].
- Tanga:** Collection Date Unknown: Bampton, I.: USNM: 3 [3]; Martienssen: ZMB: 15 [15]; Neumann: ZMB: 5 [5]; Sjöstedt, Y.: ZMB: 1 [1 - 24] - 19 7/17: Bampton, I.: USNM: 1 [1 - 1 - 25].
- Tanga district 2:** Collection Date Unknown: ? : Collector Unknown: SMF: 1 [1 - 1 - 1].
- Tanga, hole/cave near:** Collection Date Unknown: Neumann: ZMB: 5 [5 - 5 - 5].
- Tanganyika, lake:** Collection Date Unknown: Grauer, Rudolf: ZMB: 2 [2]; Stegmann-Stein: ZMB: 6 [6 - 8 - 8].
- Tanzania:** Collection Date Unknown: ? : Collector Unknown: SMF: 1 [1]; Leirs, Herwig: UIA: 1 [1]; Percival, A.B.: BMNH: 1 [1 - 3] - 19 4/05: Horn, A.: NMW: 1 [1 - 1 - 4].
- Tatanda:** 19 3/18: Moyer, D.: SMF: 3 [3 - 3 - 3].
- Taveta:** 19 4/07: Kemp, Robin: BMNH: 1 [1 - 1] - 19 5/08: Kemp, Robin: BMNH: 3 [3 - 3] - 19 5/14: Kemp, Robin: BMNH: 1 [1 - 1 - 5].
- Tendaguro:** Collection Date Unknown: British Museum East Africa Expedition, the: BMNH: 2 [2 - 2 - 2].
- Tendaguru [=Tendaguro]:** Collection Date Unknown: Janesch: ZMB: 1 [1]; Reck: ZMB: 1 [1 - 2 - 2].
- Tendoguru:** Collection Date Unknown: Reck: ZMB: 2 [2 - 2 - 2].
- Tenguru:** 19 3/23: Swynnerton, G.H.: BMNH: 1 [1 - 1] - 19 4/10: Brooks, A.C.: BMNH: 1 [1 - 1] - 19 4/18: Brooks, A.C.: BMNH: 3 [3 - 3] - 19 6/20: Brooks, A.C.: BMNH: 2 [2 - 2 - 7].
- Tindiga:** 19 1/24: Loveridge, Arthur: BMNH: 1 [1 - 1 - 1].
- Tong'amba forest reserve:** 19 0/22: Howell, K.M.: SMF: 1 [1 - 1 - 1].
- Tong'amba Forest Reserve:** Collection Date Unknown: Stubblefield, L. (Frontier-Project): SMF: 1 [1 - 1 - 1].
- Tumbatu Island:** Collection Date Unknown: Dt. Theater Berlin: ZMB: 1 [1]; Hoffmann: ZMB: 1 [1 - 2 - 2].
- Turiani:** 19 1/25: Cade, C.E.: FMNH: 2 [2 - 2 - 2].
- Ugano Plantation:** Collection Date Unknown: ? : Collector Unknown: NMW: 1 [1 - 1] - 19 1/01: Zerny: NMW: 1 [1 - 1] - 19 6/24: Zimmer, J.T.: NMW: 1 [1 - 1 - 3].
- Ujiji:** Collection Date Unknown: Hösemann: ZMB: 5 [5 - 5 - 5].
- Ukani Mts:** Collection Date Unknown: ? : Collector Unknown: ZMB: 1 [1 - 1 - 1].
- Ukara island:** Collection Date Unknown: Smith, Andrew (Sir): BMNH: 1 [1 - 1] - 19 1/03: Smith: BMNH: 1 [1 - 1] - 19 3/01: Smith: BMNH: 1 [1 - 1 - 3].
- Ukerewe island:** 19 6/14: Loveridge, Arthur: MCZ: 1 [1 - 1] - 19 6/18: Loveridge, Arthur: MCZ: 1 [1 - 1 - 2].
- Ulanga:** 19 0/18: Zimmer, J.T.: FMNH: 1 [1 - 1 - 1].
- Uluguru Mts., Morningside:** 19 4/24: Howell, K.M. and Mihok, S.: SMF: 1 [1 - 1 - 1].
- Unyang'anyi:** Collection Date Unknown: Loveridge, Arthur: MCZ: 4 [4 - 4 - 4].
- Urambo:** Collection Date Unknown: Lamont, R.A.: BMNH: 5 [5 - 5 - 5].
- Usa:** 19 6/28: Von Nagy: ZFMK: 1 [1 - 1 - 1].
- Usambara [mountains]:** Collection Date Unknown: Grauer, Rudolf: ZMB: 3 [3 - 3 - 3].
- Usandawe [=Sandawe]:** Collection Date Unknown: Neumann: ZMB: 2 [2 - 2 - 2].
- Usangi:** 19 5/30: Zink, G.: SMNS: 1 [1 - 1 - 1].
- Ussagara [=Usagara]:** Collection Date Unknown: Houy and Meyer: ZMB: 2 [2 - 2 - 2].

Utengule: Collection Date Unknown: Jörgens: ZMB: 2 [2 - 2 - 2].
Utete: Collection Date Unknown: Lademann: ZMB: 2 [2 - 2 - 2].
Uto farm: Collection Date Unknown: ?: Collector Unknown: ZMZ: 1 [1 - 1] - 19 3/20: Ebeling: ZMZ: 1 [1 - 1] - 19 4/02: Ebeling: ZMZ: 1 [1 - 1] - 19 5/15: ?: Collector Unknown: ZMZ: 1 [1 - 1] - 19 5/31: ?: Collector Unknown: ZMZ: 2 [2]; Ebeling: ZMZ: 1 [1 - 3] - 19 6/06: ?: Collector Unknown: ZMZ: 1 [1 - 1 - 8].
Victoria, lake: Collection Date Unknown: Lavrenchenko, Leonid A.: ZMMU: 1 [1 - 1 - 1].
Vikindo [forest]: Collection Date Unknown: Stuhlmann, Franz (dr.): ZMB: 9 [9 - 9 - 9].
Wembere river: Collection Date Unknown: ?: Collector Unknown: ZMB: 2 [2 - 2 - 2].
Zanzibar: Collection Date Unknown: ?: Collector Unknown: BMNH: 2, ZMB: 4 [6]; Alexandre, Frère: MNHN: 2 [2]; Anatom. Sammlung: ZMB: 1 [1]; ex Museum Hamburg: ZMB: 1 [1]; Fischer: ZMB: 1 [1]; Gerrard: ZMB: 1 [1]; Grandidier, G.: MNHN: 1 [1]; Hildebrandt, J.M.: ZMB: 1 [1]; Neumann: ZMB: 3 [3]; Robb, Dr. A.: BMNH: 4 [4]; Salmin: ZMB: 1 [1]; Stuhlmann, Franz (dr.): ZMB: 2 [2]; van den Decken: ZMB: 7 [7]; Werther: ZMB: 1 [1]; Wessel: ZMB: 1 [1 - 33] - 18 2/09: de Ville: KBIN: 1 [1 - 1] - 19 4/07: Pakenham, R.H.W.: BMNH: 1 [1 - 1] - 18 6/24: de Ville: KBIN: 1 [1 - 1 - 36].
Zaranginge-Kiano forest reserve: 19 8/09: Cockle, A.: SMF: 1 [1 - 1] - 19 8/12: Cockle, A.: SMF: 1 [1 - 1 - 2].
Zinga: 19 7/09: Ionides, C.J.P.: BMNH: 1 [1 - 1] - 19 7/13: Ionides, C.J.P.: BMNH: 1 [1 - 1 - 2].

Total Specimens for Tanzania: 1083

Tanzania [=former Tanganika]

Kilwa: 19 8/07: SMF: 2 [2 - 2 - 2].

Total Specimens for Tanzania [=former Tanganika]: 2

Tanzania [=former Tanganyika]

Mikindani: 19 0/01: SMF: 4 [4 - 4] - Collection Date Unknown: Anderson, Th.: SMF: 28 [28 - 28] - 19 2/14: Andersen, Th.: SMF: 2 [2 - 2] - 19 3/17: Andersen, Th.: SMF: 1 [1 - 1] - 19 3/20: Andersen, Th.: SMF: 4 [4 - 4] - 19 3/21: Andersen, Th.: SMF: 5 [5 - 5] - 19 5/30: Andersen, Th.: SMF: 1 [1 - 1] - 19 6/02: Andersen, Th.: SMF: 1 [1 - 1] - 19 6/22: Andersen, Th.: SMF: 3 [3 - 3] - 19 7/06: Andersen, Th.: SMF: 1 [1 - 1] - 19 7/18: Andersen, Th.: SMF: 3 [3 - 3] - 19 8/14: Andersen, Th.: SMF: 1 [1 - 1] - 19 9/28: Andersen, Th.: SMF: 1 [1 - 1 - 55].

Total Specimens for Tanzania [=former Tanganyika]: 55

The Gambia

Banjul: Collection Date Unknown: BMNH: 1 [1 - 1] - 19 5/02: Williams: HZM: 1 [1 - 1 - 2].
Banjul, 8 mi W: 19 1/12: Davis, R.M.: USNM: 1 [1 - 1] - 19 1/13: Davis, R.M.: USNM: 6 [6 - 6 - 7].
Bathurst [=Banjul]: Collection Date Unknown: Davis, R.M.: USNM: 2 [2]; Rendall, Percy (dr.): BMNH: 3 [3 - 5 - 5].
Brikama Bar: 19 7/26: Brownlow, I.P.: HZM: 1 [1 - 1 - 1].
Gambia: Collection Date Unknown: (Earl of Derby): BMNH: 1 [1]; Rendall, Percy (dr.): BMNH: 1 [1]; Schmidt, A.: BMNH: 1 [1]; Tomes Collection: BMNH: 2 [2 - 5] - 18 1/01: Steinmann: SMNS: 1 [1 - 1 - 6].
Gambia river: 18 4/04: ?: Collector Unknown: BMNH: 1 [1]; Rendall, Percy (dr.): BMNH: 1 [1 - 2 - 2].
Gambia river, lower: Collection Date Unknown: Buxton, A.P. and the Oxford University Expedition: BMNH: 1 [1 - 1 - 1].
Koutara: Collection Date Unknown: Buxton, A.P. and the Oxford University Expedition: BMNH: 1 [1 - 1 - 1].
Kudang: Collection Date Unknown: Davis, R.M.: USNM: 3 [3 - 3] - 19 2/15: Davis, R.M.: USNM: 9 [9 - 9] - 19 2/16: Davis, R.M.: USNM: 4 [4 - 4] - 19 2/19: Davis, R.M.: USNM: 3 [3 - 3 - 19].
Kuntaur, 10 mi SE: 19 8/24: Buxton, A.P. and the Oxford University Expedition: BMNH: 1 [1 - 1 - 1].
Kuntaur, 5 mi N: Collection Date Unknown: Buxton, A.P. and the Oxford University Expedition: BMNH: 2 [2 - 2 - 2].
Makka: Collection Date Unknown: Buxton, A.P. and the Oxford University Expedition: BMNH: 1 [1 - 1] - 19 7/31: Buxton, A.P. and the Oxford University Expedition: BMNH: 1 [1 - 1 - 2].
no specific locality: Collection Date Unknown: ?: Collector Unknown: BMNH: 1 [1 - 1 - 1].
Toniataba: Collection Date Unknown: Davis, R.M.: USNM: 1 [1 - 1] - 19 6/07: Davis, R.M.: USNM: 1 [1 - 1] - 19 6/10: Davis, R.M.: USNM: 14 [14 - 14] - 19 6/13: Davis, R.M.: USNM: 4 [4 - 4 - 20].
Walikunda: 19 7/25: Brownlow, I.P.: HZM: 1 [1 - 1] - 19 7/26: Brownlow, I.P.: HZM: 5 [5 - 5] - 19 8/11: Brownlow, I.P.: HZM: 1 [1 - 1 - 7].
Walli Kunda, near: 19 5/14: Williams, John G.: HZM: 2 [2 - 2 - 2].

Total Specimens for The Gambia: 79

Togo

Adina: 19 1/25: RMCA: 1 [1 - 1] - 19 1/25: Veronese, C.: RMCA: 1 [1 - 1] - 19 1/25: Veronese, C.: RMCA: 2 [2 - 2 - 4].
Agou: 19 7/08: LeDuc, J.W.: USNM: 1 [1 - 1] - 19 7/11: Robbins, C. Brian: USNM: 1 [1 - 1 - 2].
Akenim: 19 4/15: Booth, Angus H.: BMNH: 1 [1 - 1 - 1].
Aledjo: 19 7/20: ?: Collector Unknown: RMCA: 1 [1 - 1 - 1].
Aného: Collection Date Unknown: Keilhack: ZMB: 1 [1 - 1 - 1].
Anonoe: Collection Date Unknown: ?: Collector Unknown: RMCA: 2 [2 - 2 - 2].
Atakpamé: Collection Date Unknown: ?: Collector Unknown: RMCA: 1 [1]; De Vree, Frits and De Roo, Antoon: RMCA: 7 [7]; Schmidt: ZMB: 1 [1 - 9 - 9].
Baoulé: 19 8/22: ?: Collector Unknown: RMCA: 1 [1 - 1 - 1].
Binaparba: 19 8/29: ?: Collector Unknown: RMCA: 1 [1 - 1 - 1].
Bismarckburg [=Bismarckbourg]: Collection Date Unknown: Büttner: ZMB: 6 [6]; Conrad: ZMB: 2 [2 - 8 - 8].
Borgou: Collection Date Unknown: ?: Collector Unknown: RMCA: 1 [1 - 1] - 19 2/08: De Vree, Frits and Van der Straeten, Erik: RMCA: 1 [1 - 1] - 19 2/10: ?: Collector Unknown: RMCA: 2 [2 - 2] - 19 2/11: De Vree, Frits and Van der Straeten,

Erik: RMCA: 2 [2 - 2] - 19 2/12: De Vree, Frits and Van der Straeten, Erik: RMCA: 1 [1 - 1 - 7].
Dapango: 19 5/10: LeDuc, J.W.: USNM: 1 [1]; Robbins, C. Brian: USNM: 2 [2 - 3] - 19 5/11: LeDuc, J.W.: USNM: 4 [4 - 4] - 19 8/17: ?: Collector Unknown: RMCA: 1 [1 - 1 - 8].
Ezimé: Collection Date Unknown: ?: Collector Unknown: RMCA: 1 [1 - 1] - 19 7/01: Robbins, C. Brian: USNM: 2 [2 - 2] - 19 7/02: Robbins, C. Brian: USNM: 1 [1 - 1] - 19 7/04: Robbins, C. Brian: USNM: 1 [1 - 1] - 19 7/05: Robbins, C. Brian: USNM: 2 [2 - 2 - 7].
Gbetope: Collection Date Unknown: LeDuc, J.W.: USNM: 2 [2]; Robbins, C. Brian: USNM: 1 [1 - 3 - 3].
Haubinda: Collection Date Unknown: Keilhack: ZMB: 1 [1 - 1 - 1].
Kadjamba: Collection Date Unknown: Mecklenburg, Adolf Fritz zu (Herzog): ZMB: 4 [4 - 4 - 4].
Klein-Popo [=Aného]: Collection Date Unknown: Linnaea: ZMB: 2 [2 - 2 - 2].
Lomé: Collection Date Unknown: Keilhack: ZMB: 2 [2 - 2 - 2].
Mango [=Sansanné-Mango]: Collection Date Unknown: Thierry: ZMB: 2 [2 - 2 - 2].
Misahöhe [=Missahohé]: Collection Date Unknown: Baumann: ZMB: 8 [8]; Smend: ZMB: 1 [1 - 9 - 9].
Namoundjoga: 19 7/27: ?: Collector Unknown: RMCA: 4 [4 - 4] - 19 7/28: ?: Collector Unknown: RMCA: 2 [2]; De Vree, Frits et al. (Togo 2): RMCA: 1 [1 - 3] - 19 7/29: De Vree, Frits et al. (Togo 2): RMCA: 1 [1 - 1] - 19 7/31: ?: Collector Unknown: RMCA: 8 [8 - 8 - 16].
Nanergou: Collection Date Unknown: ?: Collector Unknown: RMCA: 37 [37]; De Vree, Frits and De Roo, Antoon: RMCA: 7 [7 - 44] - 19 8/13: De Vree, Frits: RMCA: 1 [1 - 1] - 19 8/14: De Vree, Frits: RMCA: 1 [1 - 1 - 46].
Niamtougou: 19 7/21: ?: Collector Unknown: RMCA: 1 [1 - 1] - 19 7/23: ?: Collector Unknown: RMCA: 1 [1]; De Vree, Frits et al. (Togo 2): RMCA: 1 [1 - 2] - 19 7/24: ?: Collector Unknown: RMCA: 2 [2 - 2 - 5].
no specific locality: Collection Date Unknown: ?: Collector Unknown: ZMB: 2 [2]; Conrad: ZMB: 2 [2]; Richers: ZMB: 1 [1]; Zech, Graf: ZMB: 12 [12 - 17 - 17].
Padori: 19 5/16: LeDuc, J.W.: USNM: 1 [1 - 1] - 19 5/19: Robbins, C. Brian: USNM: 1 [1 - 1 - 2].
Pagala: Collection Date Unknown: LeDuc, J.W.: USNM: 1 [1]; Robbins, C. Brian: USNM: 1 [1 - 2 - 2].
Paio: Collection Date Unknown: ?: Collector Unknown: RMCA: 1 [1 - 1] - 19 6/20: ?: Collector Unknown: RMCA: 1 [1 - 1 - 2].
Pewa: 19 5/22: LeDuc, J.W.: USNM: 2 [2 - 2] - 19 5/24: LeDuc, J.W.: USNM: 3 [3]; Robbins, C. Brian: USNM: 1 [1 - 4] - 19 5/25: LeDuc, J.W.: USNM: 1 [1 - 1] - 19 7/20: ?: Collector Unknown: RMCA: 2 [2 - 2 - 9].
Togo: Collection Date Unknown: ?: Collector Unknown: RMCA: 6 [6 - 6 - 6].
Togoville: 19 9/12: ?: Collector Unknown: RMCA: 1 [1 - 1 - 1].

Total Specimens for Togo: 181

Tunisia

Cartago: 19 3/06: SMF: 1 [1 - 1] - 19 3/14: Roer, Hubert: ZFMK: 3 [3 - 3] - 19 3/15: Roer, Hubert: ZFMK: 5 [5 - 5 - 9].
Douirat: Collection Date Unknown: ?: Collector Unknown: BMNH: 5 [5 - 5 - 5].
El Hamma de Gabès: Collection Date Unknown: Lataste collection: MNHN: 2 [2 - 2 - 2].
El Hammah: Collection Date Unknown: Spatz: ZMB: 1 [1 - 1 - 1].
Enfidaville: 19 9/23: Harrison, David Lakin (Dr.): HZM: 1 [1 - 1 - 1].
Gabès: Collection Date Unknown: Sicard, Dr.: MHNG: 1 [1]; Spatz: ZMB: 2 [2 - 3] - 19 7/18: Marinkelle, C.J.: FMNH: 2 [2 - 2 - 5].
Gabès, 100 km S: Collection Date Unknown: Gaucher, Ph. and Brosset, André: MHNG: 1 [1 - 1 - 1].
Glong, Jebel: Collection Date Unknown: ?: Collector Unknown: ZMB: 1 [1 - 1 - 1].
Kaphza [=Gafsa]: Collection Date Unknown: Bodemeyer: ZMB: 2 [2 - 2 - 2].
Kaphza [=Gafsa], cave near: Collection Date Unknown: Bodemeyer: ZMB: 2 [2 - 2 - 2].
Matmata, near: Collection Date Unknown: Nobis, G.: ZFMK: 1 [1 - 1 - 1].
Metlaoui and Redeyef, between: Collection Date Unknown: Babault, Guy: MNHN: 1 [1 - 1 - 1].
Mu'tamadiyat: Collection Date Unknown: Lühe, Dr.: ZMB: 1 [1 - 1 - 1].
Redeyef: Collection Date Unknown: Babault, Guy: MNHN: 1 [1 - 1 - 1].
Sidi Bou Zid valley: Collection Date Unknown: Brosset, André: MNHN: 1 [1 - 1 - 1].
Tebourba: Collection Date Unknown: Lühe, Dr.: ZMB: 61 [61 - 61 - 61].
Tebourba, cave near: Collection Date Unknown: Lühe, Dr.: ZMB: 15 [15 - 15 - 15].
Therma: Collection Date Unknown: Blanc: NRM: 2 [2 - 2 - 2].
Tunis: Collection Date Unknown: ?: Collector Unknown: ZMB: 1 [1]; Doria, Giacomo (Marchese): ZMB: 1 [1]; Lühe, Dr.: ZMB: 19 [19]; Miceli, F.: SMF: 2 [2]; von Erlanger: ZMB: 1 [1 - 24 - 24].
Tunisia: Collection Date Unknown: Mathis, M.: MNHN: 1 [1 - 1 - 1].
Wadi Zriba: 19 0/03: Harrison, David Lakin (Dr.): HZM: 1 [1 - 1 - 1].

Total Specimens for Tunisia: 138

Uganda

Amiel: Collection Date Unknown: BMNH: 3 [3 - 3 - 3].
Amudat: Collection Date Unknown: Hayward, Bruce J.: USNM: 3 [3 - 3] - 19 8/05: Hayward, Bruce J.: USNM: 3 [3 - 3] - 19 8/06: Hayward, Bruce J.: USNM: 2 [2 - 2 - 8].
Budo: 19 3/12: Kingdon, Jonathan: BMNH: 1, HZM: 1 [2 - 2 - 2].
Budongo Forest: Collection Date Unknown: Williams, S.H.: ROM: 1 [1 - 1] - 19 1/29: Friedman, R. and Williams, J.G.: AMNH: 1 [1 - 1] - 19 6/04: Williams, John G.: ROM: 1 [1 - 1] - 19 6/06: Shortt: ROM: 1 [1 - 1] - 19 6/19: ?: Collector Unknown: ROM: 2 [2 - 2] - 19 6/23: Williams, S.H.: ROM: 1 [1 - 1] - 19 9/17: Williams, John G.: ROM: 1 [1 - 1 - 8].
Bugala island: Collection Date Unknown: Bayon, E. (dr.): SMF: 1 [1 - 1 - 1].
Bugoma Forest: Collection Date Unknown: Archer, A.L.: LACM: 3 [3 - 3 - 3].
Buhivu: 19 1/01: Kinunke: NMW: 1 [1 - 1 - 1].
Bukalasa: Collection Date Unknown: Jones, Theo Simpson: BMNH: 5 [5 - 5] - 19 2/17: Mutere, F.A.: SMF: 1 [1 - 1 - 6].
Bulaganya, cave 3 mi S: 19 7/01: Jones, Theo Simpson and Shepherd, C.: BMNH: 2 [2 - 2] - 19 7/26: Jones, Theo Simpson and Shepherd, C.: BMNH: 1 [1 - 1 - 3].

- Buligi:** 19 8/16: Williams, John G.: ROM: 1 [1 - 1 - 1].
- Bunyoro:** Collection Date Unknown: ?; Collector Unknown: LACM: 1, ROM: 2 [3 - 3 - 3].
- Burisiwwe Gombolola:** Collection Date Unknown: Jones, Theo Simpson: BMNH: 1 [1 - 1 - 1].
- Butiaba:** Collection Date Unknown: Berger: ZMB: 2 [2 - 2 - 2].
- Bwamba Forest:** 19 1/25: Williams, John G.: ROM: 1 [1 - 1] - 19 7/23: Twomey, A.C.: CM: 2 [2 - 2 - 3].
- Entebbe:** Collection Date Unknown: ?; Collector Unknown: BMNH: 1, RMCA: 1 [2]; Bayon, E. (dr.): AMNH: 1 [1]; Berti, Carolina: RMCA: 2 [2]; Berti, Carolina [ex Museum Turin]: ZMB: 2 [2]; Carl, J.: MHNG: 1 [1]; Degen, E.: BMNH: 1 [1]; Grauer, Rudolf and Rolle, Hermann: ZMB: 2 [2]; Jackson, F.J., Esq.: BMNH: 1 [1]; Rolle, Hermann: ZMB: 1 [1]; Schlüter, A.: ZMB: 4 [4 - 17] - 19 1/09: Buxton, A.P.: AMNH: 1 [1 - 1] - 19 2/10: Berti, Carolina: RMCA: 1 [1 - 1] - 19 2/17: Mutere, F.A.: BMNH: 1 [1 - 1] - 18 4/05: Jackson, F.J., Esq.: BMNH: 1 [1 - 1] - 19 6/16: Degen, E.: BMNH: 2 [2 - 2] - 19 7/01: Jones, Theo Simpson: BMNH: 1 [1 - 1] - 19 7/28: Jones, Theo Simpson: BMNH: 1 [1 - 1 - 25].
- Entebbe, 60 mi [=90 km] W:** Collection Date Unknown: Dent, R.E.: BMNH: 1 [1 - 1 - 1].
- Fort Portal:** 19 1/27: Friedman, R. and Williams, J.G.: AMNH: 1 [1 - 1 - 1].
- Gonda:** Collection Date Unknown: Böhm: ZMB: 6 [6 - 6 - 6].
- Gulu:** 19 1/29: ?; Collector Unknown: ROM: 2 [2 - 2 - 2].
- Impenetrable Forest:** Collection Date Unknown: ?; Collector Unknown: LACM: 1 [1 - 1 - 1].
- Kama tin mine:** Collection Date Unknown: Jones, Theo Simpson: BMNH: 1 [1 - 1 - 1].
- Kampala:** Collection Date Unknown: ?; Collector Unknown: BMNH: 1, USNM: 3 [4]; Loring, J. Alden: USNM: 2 [2]; Mearns, Edgar Alexander (Dr.): USNM: 1 [1 - 7 - 7].
- Karamoja district, S of:** 19 1/02: Jones, Theo Simpson: BMNH: 1 [1 - 1 - 1].
- Katatemwa:** 19 8/09: Cook, P. (Mrs): HZM: 1 [1 - 1 - 1].
- Katwe:** 19 1/10: Greenberg, Stuart N.: CAS: 1 [1 - 1] - 19 1/12: Williams, John G.: ROM: 1 [1 - 1] - 19 7/14: Greenberg, Stuart N.: CAS: 1 [1 - 1 - 3].
- Kigumba:** 19 8/22: Yunker, C.E. and Hoogstraal, Harry H.: FMNH: 1 [1 - 1 - 1].
- Kisoro:** 19 0/31: Killango: SMF: 1 [1 - 1 - 1].
- Masindi:** Collection Date Unknown: Brooks, A.C.: BMNH: 1 [1 - 1] - 19 3/22: Zimmer, J.T.: FMNH: 1 [1 - 1 - 2].
- Mbale:** Collection Date Unknown: Jones, Theo Simpson and Shepherd, C.: BMNH: 3 [3 - 3] - 19 3/11: Loder or Lorder: BMNH: 1 [1 - 1] - 19 3/29: Loder or Lorder: BMNH: 1 [1 - 1] - 19 4/05: Loder or Lorder: BMNH: 1 [1 - 1 - 6].
- Mbarara:** 19 5/23: Brooks, A.C. and Mills, J.R.F.: BMNH: 1 [1 - 1 - 1].
- Mengo:** 18 2/10: Jackson: BMNH: 1 [1 - 1 - 1].
- Moroto:** Collection Date Unknown: Cosins: BMNH: 1 [1 - 1] - 19 3/31: Brooks, A.C.: BMNH: 1 [1 - 1 - 2].
- Moruita:** 19 3/05: Brooks, A.C.: BMNH: 1 [1 - 1 - 1].
- Moyo:** Collection Date Unknown: Jones, Theo Simpson: BMNH: 1 [1 - 1 - 1].
- Moyo, 10 mi E:** 19 1/26: ?; Collector Unknown: ROM: 2 [2 - 2] - 19 1/27: ?; Collector Unknown: ROM: 1 [1]; Williams, John G.: ROM: 1 [1 - 2 - 4].
- Mubuk river, right bank:** 19 4/19: Kerbis, J.C.: FMNH: 1 [1 - 1 - 1].
- Mubuku Valley:** Collection Date Unknown: ?; Collector Unknown: BMNH: 1 [1 - 1 - 1].
- Mweya:** 19 0/30: Poppleton, F.: HZM: 2 [2 - 2 - 2].
- Nabumali:** Collection Date Unknown: Loder or Lorder: BMNH: 1 [1 - 1] - 19 1/11: Loder or Lorder: BMNH: 1 [1 - 1] - 19 3/29: Loder or Lorder: BMNH: 1 [1 - 1 - 3].
- Namulere:** 19 5/05: Jones, Theo Simpson: BMNH: 1 [1 - 1 - 1].
- Nimule, near:** Collection Date Unknown: Witter, Dean: CAS: 1 [1 - 1 - 1].
- no specific locality:** Collection Date Unknown: ?; Collector Unknown: ZMB: 1 [1 - 1 - 1].
- Ntandi:** Collection Date Unknown: ?; Collector Unknown: LACM: 1 [1]; Glen, R.: LACM: 1 [1]; Williams, R. and Glen, R.: LACM: 1 [1 - 3 - 3].
- Pajule:** Collection Date Unknown: Jones, Theo Simpson: BMNH: 1 [1 - 1 - 1].
- Point Alice:** Collection Date Unknown: Johnston, Harry H. (Sir): BMNH: 1 [1 - 1 - 1].
- Rhino Camp:** 19 3/28: Zimmer, J.T.: FMNH: 1 [1 - 1 - 1].
- Ruwenzori East:** 19 1/22: Woosnam, R.B.: USNM: 1 [1 - 1 - 1].
- Serere:** Collection Date Unknown: Jones, Theo Simpson: BMNH: 1 [1 - 1 - 1].
- Sonsor river:** 19 6/19: ?; Collector Unknown: ROM: 5 [5 - 5 - 5].
- Soroti:** 19 2/05: ?; Collector Unknown: ROM: 7 [7 - 7] - 19 6/01: Williams, John G.: FMNH: 2 [2 - 2 - 9].
- Toro:** Collection Date Unknown: ?; Collector Unknown: MIZT: 1 [1 - 1 - 1].
- Uganda:** Collection Date Unknown: ?; Collector Unknown: SMF: 1 [1 - 1 - 1].
- Victoria Nyanza [=Lake Victoria]:** Collection Date Unknown: ?; Collector Unknown: SMF: 1 [1]; Bayon, E. (dr.): AMNH: 1 [1 - 2 - 2].
- Waisoke river:** 19 6/15: ?; Collector Unknown: ROM: 3 [3 - 3 - 3].
- Wasa river:** 19 2/19: de Walden, H. (Lord) and Hayman, R.W.: BMNH: 1 [1 - 1 - 1].
- West Mengo:** 19 8/12: Cade, C.E.: FMNH: 1 [1 - 1 - 1].
- Yumbe:** Collection Date Unknown: ?; Collector Unknown: ZMB: 1 [1]; Jones, Theo Simpson: BMNH: 1 [1]; Schillings: ZMB: 1 [1 - 3 - 3].

Total Specimens for Uganda: 158

Unknown Country

- : Collection Date Unknown: BMNH: 15, DNSM: 3, FMNH: 1, HZM: 26, KM: 1, MHNC: 1, MMK: 54, MNHN: 1, NHMZ: 42, NMB: 4, RMCA: 25, SAMC: 22, SMF: 35, SMG: 24, SNP: 1, TM: 201, UADBA: 1, UCT: 1 [458]; Clarke, J.: SAMC: 1 [1]; Galton, F. (Esq.): BMNH: 1 [1]; Mpumalanga Parks Board: TM: 4 [4]; Neumann: ZMB: 4 [4]; Shortridge, Guy C. (Capt.): BMNH: 2 [2 - 470 - 470].
- Angasilha [=?Angaziga]:** Collection Date Unknown: van den Decken: ZMB: 2 [2 - 2 - 2].
- Bufundi:** 19 1/19: Fain, Alexandre (Dr.): RMCA: 3 [3 - 3 - 3].
- Daba:** Collection Date Unknown: von Erlanger: ZMB: 2 [2 - 2 - 2].
- Daroli:** Collection Date Unknown: von Erlanger: ZMB: 1 [1 - 1 - 1].
- Dume:** Collection Date Unknown: Freyer: ZMB: 1 [1]; Schipper: ZMB: 1 [1 - 2 - 2].

Engeremgere: Collection Date Unknown: Emir Pascha: ZMB: 2 [2 - 2 - 2].
Galpa river: Collection Date Unknown: Neumann: ZMB: 1 [1 - 1 - 1].
Goho Hills: 19 7/15: Vernay Expedition and Lang, Herbert: TM: 1 [1 - 1 - 1].
Isavo swamp: Collection Date Unknown: Praed: BMNH: 1 [1 - 1 - 1].
Jala plains: 19 1/23: ?: Collector Unknown: BMNH: 1 [1]; Scott: BMNH: 2 [2 - 3 - 3].
Jub: Collection Date Unknown: von Erlanger: ZMB: 1 [1 - 1 - 1].
Karagwa: Collection Date Unknown: Grauer, Rudolf: ZMB: 6 [6 - 6 - 6].
Kasaka: Collection Date Unknown: Stuhlmann, Franz (dr.): ZMB: 2 [2 - 2 - 2].
Kha Principe: Collection Date Unknown: Dohrn: ZMB: 1 [1 - 1 - 1].
Kimpoko: Collection Date Unknown: Büttner: ZMB: 1 [1 - 1 - 1].
Kirimba: Collection Date Unknown: Stuhlmann, Franz (dr.): ZMB: 1 [1 - 1 - 1].
Kotur: Collection Date Unknown: Hildebrandt, J.M.: ZMB: 2 [2 - 2 - 2].
Kubondo: Collection Date Unknown: ?: Collector Unknown: ZMB: 1 [1 - 1 - 1].
Kubub: Collection Date Unknown: Schultze: ZMB: 1 [1 - 1 - 1].
Kwa Kitoto and Mengo: Collection Date Unknown: Neumann: ZMB: 1 [1 - 1 - 1].
Maldachi: Collection Date Unknown: Fischer: ZMB: 1 [1 - 1 - 1].
Malingwe Pan: 19 2/10: Smithers, R.H.N.: HZM: 1 [1 - 1 - 1].
Musa: Collection Date Unknown: Plate: ZMB: 1 [1 - 1 - 1].
Napa-ire: Collection Date Unknown: Mischlich: ZMB: 1 [1 - 1 - 1].
Nieri river: Collection Date Unknown: Roberts, Austin: BMNH: 1 [1 - 1 - 1].
Ogowe: 18 2/22: Schmidt, A.: ZMH: 1 [1 - 1 - 1].
Red Sea: Collection Date Unknown: Rüppell, Edward (dr.): RMNH: 2 [2 - 2 - 2].
Ternata: Collection Date Unknown: Forster: ZMB: 1 [1 - 1 - 1].
Tschaka: Collection Date Unknown: Fischer: ZMB: 1 [1 - 1 - 1].
Ukondjo: Collection Date Unknown: Emir Pascha: ZMB: 1 [1]; Emir Pascha or Büttner: ZMB: 1 [1 - 2 - 2].
Ukuguru: Collection Date Unknown: Götze: ZMB: 1 [1 - 1 - 1].
Webi: Collection Date Unknown: von Erlanger: ZMB: 1 [1 - 1 - 1].

Total Specimens for Unknown Country: 519

Unkown country

Chifumbaze: Collection Date Unknown: ZMB: 3 [3 - 3 - 3].

Total Specimens for Unkown country: 3

WP

Sandrivierbrug: 20 2/07: NMB: 1 [1 - 1 - 1].

Total Specimens for WP: 1

Yemen

no specific locality: Collection Date Unknown: MNHN: 1 [1 - 1 - 1].

Total Specimens for Yemen: 1

Zambia

Abercorn: 19 1/05: HZM: 1 [1 - 1] - 19 1/14: Vesey-FitzGerald, L.D.E.F. (Col.): HZM: 1 [1 - 1] - 19 2/01: Lancaster, D.G.: KM: 1 [1 - 1] - 19 2/01: Vesey-FitzGerald, L.D.E.F. (Col.): HZM: 1 [1 - 1] - 19 2/05: Bredo, H.J.: KBIN: 1 [1 - 1] - 19 2/18: Vesey-FitzGerald, L.D.E.F. (Col.): HZM: 1 [1 - 1] - 19 4/06: Vesey-FitzGerald, L.D.E.F. (Col.): BMNH: 1 [1 - 1] - 19 4/24: Vesey-FitzGerald, L.D.E.F. (Col.): HZM: 1 [1 - 1 - 8].

Balovale: 19 0/02: Carter, T. Donald: AMNH: 1 [1 - 1] - 19 0/06: Carter, T. Donald: AMNH: 1 [1 - 1] - 19 0/08: Carter, T. Donald: AMNH: 1 [1 - 1] - 19 0/09: Carter, T. Donald: AMNH: 1, HZM: 1 [2 - 2] - 19 0/10: Carter, T. Donald; Shortridge, Capt. Guy C. and the Vernay Kaffrarian Museum Expedition: SMF: 1 [1 - 1] - Collection Date Unknown: ?: Collector Unknown: KM: 18 [18]; Carter, T. Donald; Shortridge, Capt. Guy C. and the Vernay Kaffrarian Museum Expedition: KM: 1 [1 - 19] - 19 7/12: Carter, T. Donald: AMNH: 1 [1 - 1] - 19 7/16: Jones and Vaughan, T.G.C.: BMNH: 1 [1 - 1] - 19 8/24: Carter, T. Donald: AMNH: 1 [1 - 1] - 19 9/02: Carter, T. Donald: AMNH: 1 [1 - 1] - 19 9/05: Carter, T. Donald: AMNH: 1 [1 - 1] - 19 9/16: Carter, T. Donald; Shortridge, Capt. Guy C. and the Vernay Kaffrarian Museum Expedition: KM: 1 [1 - 1] - 19 9/21: Carter, T. Donald: AMNH: 1 [1 - 1] - 19 9/23: Carter, T. Donald: AMNH: 2 [2 - 2] - 19 9/24: Carter, T. Donald: AMNH: 1 [1 - 1] - 19 9/25: Carter, T. Donald: AMNH: 3 [3 - 3] - 19 9/28: Carter, T. Donald; Shortridge, Capt. Guy C. and the Vernay Kaffrarian Museum Expedition: KM: 1 [1 - 1] - 19 9/30: Carter, T. Donald: AMNH: 1 [1 - 1 - 40].

Broken Hill: 19 2/03: Pitman, C.R.S. (Capt.): BMNH: 1 [1 - 1 - 1].

Bulaya: Collection Date Unknown: Makawa, J.: BMNH: 1 [1 - 1 - 1].

Chambezi: 19 9/06: Tose, Frank: CAS: 2 [2 - 2 - 2].

Chavuma area: 19 3/03: Ansell, W.F.H.: BMNH: 1 [1 - 1 - 1].

Chibembe pontoon, 1/2 mi S: 19 7/18: Ingles, Jane M.: BMNH: 1 [1 - 1] - 19 7/20: Ingles, Jane M.: BMNH: 3 [3 - 3 - 4].

Chikundulu river: 19 1/08: Ansell, W.F.H.: BMNH: 1 [1 - 1 - 1].

Chilanga: 19 0/30: Ansell, W.F.H.: HZM: 1 [1 - 1] - Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1]; Benson, C.W.: NHMZ: 2 [2]; Lancaster, D.G.: KM: 2 [2 - 5] - 19 1/01: Wood, Rodney C., Esq.: BMNH: 1 [1 - 1 - 7].

Chilanga cave: 19 4/01: ?: Collector Unknown: TM: 2 [2 - 2 - 2].

Chilanga Caves: Collection Date Unknown: ?: Collector Unknown: NHMZ: 8 [8]; Brain, C.K.: TM: 2 [2 - 10 - 10].

- Chingi:** 19 6/14: Ansell, W.F.H.: HZM: 1 [1 - 1 - 1].
- Chinzombo:** 19 9/22: Ansell, W.F.H.: SMF: 3 [3 - 3 - 3].
- Chipata:** Collection Date Unknown: Lancaster, D.G.: KM: 4 [4 - 4] - 19 5/01: Lancaster, D.G.: KM: 1 [1 - 1 - 5].
- Chipengali area:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 5 [5]; Wilson, V.J.: NHMZ: 1 [1 - 6 - 6].
- Chipongwe Cave:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 2 [2]; Ansell, W.F.H.: NMZL: 1 [1 - 3 - 3].
- Chisenga:** 19 4/11: Dowsett, R.J.: BMNH: 1 [1 - 1 - 1].
- Chishela dambo:** Collection Date Unknown: Dalhousie (Lady): NHMZ: 1 [1 - 1 - 1].
- Chitau:** Collection Date Unknown: ?: Collector Unknown: AMNH: 1 [1 - 1 - 1].
- Chizera:** 19 2/08: Ansell, W.F.H.: HZM: 1 [1 - 1 - 1].
- Choma district:** Collection Date Unknown: Benson, C.W.: NHMZ: 2 [2 - 2] - 19 3/15: Wilson, V.J.: AMNH: 1 [1 - 1 - 3].
- Dzala Cave:** 19 4/08: de Barros Machado, A. (Dr.): BMNH: 1 [1 - 1 - 1].
- Farm Xanadu:** 19 2/18: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Fort Jameson:** Collection Date Unknown: ?: Collector Unknown: KM: 1, NHMZ: 13 [14]; Ansell, W.F.H.: NHMZ: 1 [1 - 15] - 19 3/29: ?: Collector Unknown: TM: 1 [1 - 1 - 16].
- Fort Jameson district:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1]; Lancaster, D.G.: KM: 2 [2 - 3 - 3].
- Jumbe:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1]; Dowsett, R.J.: NHMZ: 5 [5 - 6 - 6].
- Jumbe river:** 19 7/27: Ansell, W.D.H.: HZM: 1 [1 - 1 - 1].
- Kabompo [=Kabompo boma]:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 9 [9 - 9 - 9].
- Kabompo Boma:** 19 3/31: Ansell, W.F.H.: HZM: 1 [1 - 1 - 1].
- Kabompo district:** 19 1/14: Ansell, W.F.H.: RMCA: 1 [1 - 1 - 1].
- Kabompo, near:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Kabulonga:** 19 1/19: Tucker, Mr. J.J.: HZM: 1 [1 - 1] - 19 3/10: Black, H.: HZM: 1 [1 - 1 - 2].
- Kafue Gorge:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 5 [5]; Ansell, W.F.H.: RMCA: 1 [1 - 6] - 19 5/13: Ansell, W.F.H.: RMCA: 1 [1 - 1 - 7].
- Kafue Gorge, near:** Collection Date Unknown: Ansell, W.F.H.: BMNH: 2 [2 - 2 - 2].
- Kafue River:** Collection Date Unknown: Tree, A.J.: FMNH: 1, NHMZ: 4 [5 - 5 - 5].
- Kalabo:** Collection Date Unknown: Japp, M.: NHMZ: 1 [1 - 1] - 19 5/01: Hart: HZM: 1 [1 - 1] - 19 5/04: Japp, M.: BMNH: 1 [1 - 1 - 3].
- Kalichero:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 4 [4]; Edwards, P.W.: NHMZ: 2 [2 - 6 - 6].
- Kalomo:** Collection Date Unknown: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Kanyale stream:** 19 7/30: Ansell, W.D.H.: HZM: 1 [1 - 1 - 1].
- Kapombo Boma:** 19 1/27: Ansell, W.F.H.: HZM: 1 [1 - 1 - 1].
- Kariba, lake, north shore:** Collection Date Unknown: Owen, T.R.H.: NHMZ: 5 [5 - 5 - 5].
- Kasama:** Collection Date Unknown: Tait, H. (Mrs.): NHMZ: 1 [1 - 1 - 1].
- Kasempa:** 19 4/12: Button, E.J.: TM: 1 [1 - 1 - 1].
- Kasempa Boma:** 19 2/19: Ansell, W.F.H.: KM: 1 [1 - 1 - 1].
- Kasompe:** 19 7/24: Ansell, W.F.H.: HZM: 1 [1 - 1 - 1].
- Kaugashi stream, source of:** Collection Date Unknown: Uys, J.M.C.: BMNH: 1 [1 - 1 - 1].
- Kavunda:** 19 0/11: Cotterill, F.D.P.: HZM: 1, NHMZ: 2 [3 - 3 - 3].
- Kongwe Hill:** 19 2/05: Ansell, W.F.H.: BMNH: 2 [2]; Ansell, W.F.H. and Wilson, V.J.: BMNH: 4 [4 - 6] - 19 2/06: Ansell, W.F.H.: BMNH: 2 [2]; Ansell, W.F.H. and Wilson, V.J.: BMNH: 3 [3 - 5 - 11].
- Livingston [1752S 2551E] and Lochinvar [1551S 2714E], between:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Loangwa valley:** 19 3/02: Neave, S.A.: BMNH: 1 [1 - 1 - 1].
- Lochinvar Kafue Flats:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 2 [2 - 2 - 2].
- Lochinvar ranch:** 19 0/28: Sheppe, Walter A.: CAS: 1 [1 - 1] - Collection Date Unknown: Dowsett, R.J.: NHMZ: 2 [2]; Tree, A.J.: NHMZ: 2 [2 - 4] - 19 1/01: Ansell, W.F.H.: HZM: 1 [1 - 1] - 19 6/26: Van Noten, F.: RMCA: 1 [1 - 1 - 7].
- Lonchinvar:** 19 4/29: Ansell, W.F.H.: HZM: 1 [1 - 1 - 1].
- Luambe Game Camp:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 5 [5 - 5 - 5].
- Luangwa:** 19 3/29: Ansell, W.F.H.: BMNH: 2 [2 - 2] - 19 3/30: Ansell, W.F.H.: BMNH: 2 [2 - 2 - 4].
- Luangwa River:** Collection Date Unknown: ?: Collector Unknown: LACM: 1, NHMZ: 1 [2 - 2 - 2].
- Luangwa Valley:** Collection Date Unknown: Keymer, I.F.: NHMZ: 1 [1]; Wilson, V.J.: NHMZ: 1 [1 - 2 - 2].
- Luanshya, 6 mi S:** Collection Date Unknown: ?: Collector Unknown: HZM: 3, NZM: 1 [4 - 4 - 4].
- Lueti River, S:** Collection Date Unknown: Traylor, M.A.: FMNH: 1 [1 - 1 - 1].
- Lunga pontoon:** 19 7/03: Ansell, W.F.H.: BMNH: 2, KM: 2 [4 - 4 - 4].
- Lunyuwi river:** 19 7/01: Robinson, G.G.: HZM: 1 [1 - 1 - 1].
- Lunzi river:** Collection Date Unknown: Lancaster, D.G.: BMNH: 1 [1 - 1 - 1].
- Lusaka:** 19 3/04: Ansell, W.F.H.: BMNH: 1 [1 - 1] - 19 3/10: Ansell, W.F.H.: HZM: 1 [1 - 1] - 19 6/16: Francis: HZM: 1 [1 - 1 - 3].
- Lusaka, 6 mi NE:** 19 3/30: Black, H.: HZM: 4 [4 - 4] - 19 4/01: Black, H.: HZM: 1 [1 - 1] - 19 4/02: Black, H.: HZM: 1 [1 - 1 - 6].
- Lusingazi Game Camp:** 19 7/05: Newman, D.H.: BMNH: 1 [1 - 1 - 1].
- Lusiwashi valley:** 19 3/04: Selchow, D.H.: YPM: 1 [1 - 1 - 1].
- Machiya ferry:** 19 8/25: Tree, A.J.: BMNH: 1 [1 - 1 - 1].
- Magoye research station:** 19 6/01: Wells: HZM: 1 [1 - 1 - 1].
- Makeni Farm:** Collection Date Unknown: Benson, C.W.: NHMZ: 1 [1 - 1 - 1].
- Mandala Camp:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Manyinga River:** 19 1/20: Ansell, W.F.H.: HZM: 1 [1 - 1 - 1].
- Masali Mine:** Collection Date Unknown: Wilson, V.J.: BMNH: 5 [5 - 5 - 5].
- Matabele plain:** Collection Date Unknown: Benson, C.W.: BMNH: 1 [1 - 1 - 1].
- Mazabuka:** Collection Date Unknown: Ansell, W.F.H.: BMNH: 1 [1 - 1] - 19 2/26: McLeod, J.: BMNH: 1 [1 - 1 - 2].
- Mazabuka Boma:** 19 1/03: Ansell, W.F.H.: HZM: 1 [1 - 1] - 19 1/14: Ansell, W.F.H.: HZM: 1 [1 - 1] - 19 1/25: Ansell, W.F.H.: BMNH: 1 [1 - 1] - 19 2/11: Ansell, W.F.H.: BMNH: 1 [1 - 1 - 4].
- Mbala:** Collection Date Unknown: Lancaster, D.G.: KM: 1 [1 - 1 - 1].
- Mbesuma:** 19 1/29: Vesey-FitzGerald, L.D.E.F. (Col.): HZM: 1 [1 - 1] - 19 1/31: Vesey-FitzGerald, L.D.E.F. (Col.): HZM: 1 [1 - 1 - 2].
- Mfuwe:** 19 3/28: Ansell, W.F.H.: BMNH: 1 [1 - 1] - 19 6/21: Dowsett, R.J.: BMNH: 1 [1 - 1 - 2].
- Mfuwe Game Camp:** Collection Date Unknown: ?: Collector Unknown: BMNH: 5, NHMZ: 7 [12 - 12 - 12].

- Mindolo dam:** Collection Date Unknown: Tree, A.J.: NHMZ: 2 [2 - 2 - 2].
- Missale Customs Post:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Missale Old Mine:** Collection Date Unknown: ?: Collector Unknown: BMNH: 4, NHMZ: 33 [37]; Ansell, W.F.H.: BMNH: 2 [2 - 39] - 19 2/15: Ansell, W.F.H.: BMNH: 1 [1 - 1] - 19 5/01: ?: Collector Unknown: TM: 2 [2 - 2 - 42].
- Mkwisi:** Collection Date Unknown: Tree, A.J.: NHMZ: 3 [3 - 3 - 3].
- Mongu:** 19 4/20: Ansell, W.F.H.: HZM: 1 [1 - 1 - 1].
- Monze:** Collection Date Unknown: Powell, G.C.S.: BMNH: 4, KM: 5 [9 - 9 - 9].
- Mount Makulu Research Station:** Collection Date Unknown: Benson, C.W.: NHMZ: 1 [1 - 1 - 1].
- Mpemba village:** 19 1/11: Ansell, W.F.H.: AMNH: 2 [2 - 2 - 2].
- Mpomwa Hills:** 19 3/04: Ansell, W.F.H.: BMNH: 1 [1 - 1 - 1].
- Mporokoso:** Collection Date Unknown: ?: Collector Unknown: KM: 2 [2]; Lancaster, D.G.: KM: 1 [1 - 3 - 3].
- Mumbwa:** 19 8/07: Ansell, W.F.H.: ZFMK: 2 [2 - 2 - 2].
- Muyombe:** Collection Date Unknown: Ansell, W.D.H.: HZM: 1 [1 - 1 - 1].
- Muzubuku:** Collection Date Unknown: le Roux, P.L.: TM: 1 [1 - 1 - 1].
- Mwanya:** Collection Date Unknown: Ansell, W.F.H.: BMNH: 1 [1 - 1 - 1].
- Mwekera:** Collection Date Unknown: Tree, A.J.: NHMZ: 2 [2 - 2 - 2].
- Mweru Wantipa:** Collection Date Unknown: Vesey-FitzGerald, L.D.E.F. (Col.): HZM: 1 [1 - 1] - 19 5/15: Bredo, H.J.: KBIN: 1 [1 - 1 - 2].
- Mwinilunga:** Collection Date Unknown: ?: Collector Unknown: AMNH: 1 [1 - 1 - 1].
- Mwinilunga district:** Collection Date Unknown: White, C.M.N.: AMNH: 2 [2 - 2 - 2].
- Mwombezi river:** 19 7/14: Ansell, W.D.H.: HZM: 1 [1 - 1 - 1].
- Naleza:** 19 0/07: Sheppe, Walter A.: CAS: 1 [1 - 1] - 19 9/06: Scheppe, W.: BMNH: 1 [1 - 1] - 19 9/09: Sheppe, Walter A.: CAS: 1, HZM: 1 [2 - 2 - 4].
- Ndola:** Collection Date Unknown: ?: Collector Unknown: BMNH: 2, HZM: 1 [3]; Withenshaw, G.: NHMZ: 1 [1 - 4] - 19 2/14: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1] - 19 4/22: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1] - 19 4/29: Shortridge, Guy C. (Capt.): BMNH: 1 [1 - 1] - 19 5/08: Ansell, W.F.H.: HZM: 1 [1 - 1] - 19 6/18: Shortridge, Guy C. (Capt.): TM: 1 [1 - 1 - 9].
- Ngwerere cave:** 19 0/31: Ansell, W.F.H.: SMF: 1 [1 - 1] - Collection Date Unknown: ?: Collector Unknown: ROM: 1 [1]; Ansell, W.F.H.: SMF: 3 [3 - 4 - 5].
- Nkane-Kitwe:** 19 9/02: Tree, A.J.: NHMZ: 1 [1 - 1 - 1].
- Nsefu Game Camp:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 2 [2 - 2] - 19 5/28: Feely, J.M.: NHMZ: 2 [2 - 2 - 4].
- Nsombo:** 19 1/10: Haas, F.: SMF: 2 [2 - 2 - 2].
- Nyabikwa Kabompo confluence:** 19 7/14: Ansell, W.F.H.: HZM: 1 [1 - 1 - 1].
- Nyika Plateau:** Collection Date Unknown: Keith, G.S.: BMNH: 1 [1 - 1 - 1].
- Nyimba and Fort Jameson, between:** 19 8/26: Ansell, W.F.H.: BMNH: 1 [1 - 1 - 1].
- Petauke:** Collection Date Unknown: Ansell, W.F.H. and Wilson, V.J.: BMNH: 1 [1]; Lancaster, D.G.: KM: 1 [1 - 2 - 2].
- Pwira Pan:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1]; Tree, A.J.: BMNH: 1, NHMZ: 4 [5 - 6] - 19 8/17: Ansell, W.F.H.: BMNH: 1 [1]; Ansell, W.F.H. and Tree, A.J.: BMNH: 2 [2]; Tree, A.J.: BMNH: 1 [1 - 4 - 10].
- Reitfontein:** Collection Date Unknown: ?: Collector Unknown: NMZL: 1 [1 - 1 - 1].
- Salujinga:** Collection Date Unknown: ?: Collector Unknown: BMNH: 2 [2]; Benson, C.W.: NHMZ: 4 [4]; Makawa, J.: NHMZ: 3 [3 - 9 - 9].
- Sasare Old Mine:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 17 [17 - 17 - 17].
- Senanza:** Collection Date Unknown: Carp Expedition: TM: 1 [1 - 1 - 1].
- Shupanga:** Collection Date Unknown: Kirk, Dr.: BMNH: 4 [4 - 4 - 4].
- Sihole:** Collection Date Unknown: Traylor, M.A.: FMNH: 3 [3 - 3] - 19 2/05: Taylor, R.H.: FMNH: 1 [1 - 1 - 4].
- Sikongo:** Collection Date Unknown: Traylor, M.A.: FMNH: 2 [2 - 2] - 19 1/18: Taylor, R.H.: FMNH: 1 [1 - 1 - 3].
- Sililo:** Collection Date Unknown: Benson, C.W.: BMNH: 1 [1 - 1 - 1].
- Solwezi:** Collection Date Unknown: ?: Collector Unknown: HZM: 4, NHMZ: 4 [8 - 8 - 8].
- Solwezi Boma:** Collection Date Unknown: Ansell, W.F.H.: BMNH: 2 [2 - 2] - 19 3/11: Ansell, W.F.H.: BMNH: 2 [2 - 2] - 19 4/28: Ansell, W.F.H.: BMNH: 2 [2 - 2 - 6].
- Sunza [=Sunzu] Mountain:** Collection Date Unknown: ?: Collector Unknown: KM: 1 [1 - 1 - 1].
- Wenela:** 19 2/14: Japp, M.: BMNH: 1 [1 - 1] - 19 9/16: Japp, M.: BMNH: 2 [2 - 2] - 19 9/18: Japp, M.: BMNH: 2 [2 - 2 - 5].
- Wusikili Bridge:** Collection Date Unknown: Tree, A.J.: NHMZ: 1 [1 - 1 - 1].
- XXX:** Collection Date Unknown: Tree, A.J.: NHMZ: 1 [1 - 1 - 1].
- Zambezi [= Balovale]:** Collection Date Unknown: ?: Collector Unknown: AMNH: 9 [9 - 9 - 9].
- Zambezi rapids:** 19 9/17: Smithers, R.H.N.: HZM: 1 [1 - 1 - 1].
- Zambia:** Collection Date Unknown: Black, H.: HZM: 1 [1 - 1 - 1].

Total Specimens for Zambia: 466

Zimbabwe

- Harare [=Salisbury]:** Collection Date Unknown: TM: 1 [1 - 1 - 1].
- Harare [=Salisbury], Thornpark:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 6 [6 - 6 - 6].

Total Specimens for Zimbabwe: 7

Zimbabwe

- : 19 0/26: MMK: 1 [1 - 1] - Collection Date Unknown: ?: Collector Unknown: HZM: 1, MMK: 1, NHMZ: 2, TM: 1 [5 - 5 - 6].
- Ada Estates:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 4 [4 - 4 - 4].
- Angwa bridge, 7 km SW:** 19 7/08: SENG: MNHN: 1 [1 - 1 - 1].
- Baruri Gorge:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 2 [2 - 2 - 2].
- Bashungwe Cave:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].

- Batoka Gorge:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Bezwe river:** Collection Date Unknown: ?; Collector Unknown: TM: 1 [1 - 1 - 1].
- Bindura:** 19 8/14: ?; Collector Unknown: TM: 4 [4 - 4 - 4].
- Birchenough Bridge:** 19 1/11: ?; Collector Unknown: TM: 1 [1 - 1 - 1].
- Birchenough Bridge, 11.2 km W:** Collection Date Unknown: White, A.G.: TM: 1 [1 - 1] - 19 1/11: White, A.G.: TM: 5 [5 - 5] - 19 1/12: White, A.G.: TM: 2 [2 - 2 - 8].
- Bulawayo:** 19 0/17: Durant: HZM: 1 [1 - 1] - Collection Date Unknown: ?; Collector Unknown: NHMZ: 10 [10]; Chubb, E.C.: USNM: 1 [1 - 11] - 19 9/20: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 13].
- Bulawayo, 20 km N:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Bumbusie Gorge:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Chete Safari Area, Eastern Section:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 2 [2 - 2 - 2].
- Chikupo cave:** 19 0/21: ?; Collector Unknown: TM: 18 [18 - 18] - 19 0/23: ?; Collector Unknown: TM: 1 [1 - 1 - 19].
- Chikupo Caves:** Collection Date Unknown: ?; Collector Unknown: TM: 2 [2]; Masterson, H.B. (Mr.): TM: 1 [1]; Transvaal Museum Expedition: TM: 1 [1 - 4] - 19 7/10: Masterson, H.B. (Mr.): TM: 1 [1 - 1 - 5].
- Chikupo caves area:** Collection Date Unknown: Peterson, Randolph L.: ROM: 1 [1 - 1 - 1].
- Chikupu Caves:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 30, ROM: 6 [36 - 36 - 36].
- Chikwarakwara:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 13 [13 - 13 - 13].
- Chikwarakwara Irrigation Scheme:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 3 [3 - 3 - 3].
- Chimanda CL:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 2 [2 - 2 - 2].
- Chingamwe Estates:** 19 8/27: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1 - 1].
- Chingamwe Estates, ZTA Cottage:** Collection Date Unknown: ?; Collector Unknown: DNSM: 1 [1 - 1 - 1].
- Chinoyi Caves:** Collection Date Unknown: ?; Collector Unknown: HZM: 1, NHMZ: 2 [3 - 3 - 3].
- Chipinda Pools:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 2 [2 - 2 - 2].
- Chipinga:** 19 1/01: Pavey, T.D.K.: BMNH: 1 [1 - 1] - 19 4/16: ?; Collector Unknown: TM: 9 [9 - 9 - 10].
- Chiredzi:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 2 [2 - 2 - 2].
- Chiredzi, 24 km E:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 2 [2 - 2 - 2].
- Chirinda Forest:** 19 0/01: Setzer, H.W.: USNM: 1 [1 - 1] - 19 0/04: ?; Collector Unknown: TM: 1 [1]; Dippenaar, N.J. (dr.); Rautenbach, Ignatius L. "Naas" (Dr.); Wolhuter, D.R. and Wolhuter, P.J.: TM: 2 [2 - 3] - 19 0/05: ?; Collector Unknown: TM: 3 [3 - 3] - Collection Date Unknown: ?; Collector Unknown: TM: 2 [2]; TM Expedition: TM: 1 [1 - 3] - 19 9/24: Setzer, H.W.: NHMZ: 3, USNM: 5 [8 - 8 - 18].
- Chirinda Pools:** 19 3/15: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Chirisa Cave:** 19 0/26: ?; Collector Unknown: TM: 38 [38]; Wright and Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 39] - Collection Date Unknown: ?; Collector Unknown: NHMZ: 4 [4 - 4 - 43].
- Chitove Tsetse Camp:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Chivi Communal Land:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 3 [3 - 3 - 3].
- Chizarira-Mcheni Gorge:** 19 2/08: Peek, J.R.: NHMZ: 1 [1 - 1 - 1].
- Concession, 10 km NW:** 19 6/15: Robbins, Lynn W.: CM: 1 [1 - 1 - 1].
- Cotswold farm:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Dawn Hill Mine:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Deka, Zambezi confluence:** Collection Date Unknown: ?; Collector Unknown: HZM: 1 [1 - 1 - 1].
- Dete:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Dett:** 19 8/15: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Dinosaur Trackway:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Doddieburn:** Collection Date Unknown: Crowcroft, W.P.: BMNH: 1 [1 - 1 - 1].
- Dumbu Pan:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 3 [3 - 3 - 3].
- Eirene farm:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 5 [5 - 5 - 5].
- Fairfield park:** 19 1/05: Begg: HZM: 2 [2 - 2 - 2].
- Falcon College:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 2 [2 - 2 - 2].
- Falcon College School, Mine shaft:** 19 4/08: Cunliffe, R.: NHMZ: 1 [1 - 1 - 1].
- Falcon College, Bushtick Mine:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 96 [96 - 96 - 96].
- Falls road:** 19 0/29: Wright and Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 16 [16 - 16 - 16].
- Fern Valley:** 19 7/28: Pletts, R.E.: HZM: 1 [1 - 1 - 1].
- Fort Rixon:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 6 [6 - 6 - 6].
- Francis Town, 20 km N:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Frog Mine:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 8 [8 - 8 - 8].
- Frogmore:** 19 4/10: ?; Collector Unknown: NHMZ: 2 [2 - 2] - 19 4/11: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 3].
- Gatshe Gatshe Bay:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 6 [6 - 6 - 6].
- Gleneagles Estate:** 19 3/19: Irwin, M. Stuart et al.: NHMZ: 1 [1 - 1 - 1].
- Gordon Park:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 3 [3 - 3 - 3].
- Gorgman:** 19 1/07: ?; Collector Unknown: TM: 1 [1 - 1 - 1].
- Gourlays Block:** 19 3/27: National Museum Bulawayo, the: BMNH: 1 [1 - 1 - 1].
- Great Zimbabwe:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 38 [38 - 38 - 38].
- Great Zimbabwe, Garden Cave:** Collection Date Unknown: ?; Collector Unknown: ROM: 5 [5 - 5 - 5].
- Guluene Corridor South:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 23 [23 - 23 - 23].
- Gwai Bridge, 6 km W on falls road:** 19 0/30: ?; Collector Unknown: TM: 4 [4 - 4 - 4].
- Gwanda:** Collection Date Unknown: Carruthers, R.: BMNH: 2 [2 - 2 - 2].
- Gwayi River, 1 km N:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Gwingingwi farm:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Happy Valley Farm:** Collection Date Unknown: ?; Collector Unknown: ROM: 27 [27 - 27 - 27].
- Harare:** Collection Date Unknown: ?; Collector Unknown: HZM: 1, NHMZ: 22 [23 - 23 - 23].
- Harare Centre:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 2 [2 - 2 - 2].
- Harare, 19 km NW:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Harare, Borrowdale Brook:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Harare, Christon Bank:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Harare, Civic Centre:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Harare, Cranborne:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].

- Haroni-Lusitu confluence:** 19 8/24: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Hatfield:** Collection Date Unknown: Scott-Martin, P.: USNM: 1 [1 - 1 - 1].
- Hostes Nicoll Research Institute:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1 - 1] - 19 3/07: ?: Collector Unknown: NHMZ: 1 [1 - 1] - 19 3/09: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 3].
- Hoya River Camp:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 2 [2 - 2 - 2].
- Humane Ranch:** 19 5/31: Dick, J.: ROM: 1 [1 - 1] - 19 6/01: Dick, J.: ROM: 1 [1 - 1 - 2].
- Hwange [=Wankie] National Park:** 19 8/03: Hayward, Bruce J.: FMNH: 1 [1 - 1 - 1].
- Hwange National Park, Main Camp:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Ingwe Mine:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 5 [5 - 5 - 5].
- Ingwesi Ranch:** 19 8/16: Stuart Irwin, M.P.: HZM: 1 [1 - 1 - 1].
- Inyanga:** 19 1/18: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Inyantue:** 19 1/13: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Iron Mask Hills cave:** 19 2/02: ?: Collector Unknown: TM: 1 [1 - 1 - 1].
- Kabuba Camp:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 2 [2 - 2 - 2].
- Kama Zuma township:** 19 0/26: ?: Collector Unknown: MNHN: 1 [1 - 1 - 1].
- Kanyemba:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Kapovka, mount:** 19 5/16: Neave, S.A.: BMNH: 1 [1 - 1 - 1].
- Kariba:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 3 [3 - 3 - 3].
- Kariba, 6 km E:** 19 6/15: Robbins, Lynn W.: CM: 1 [1 - 1] - 19 6/18: Robbins, Lynn W.: CM: 1 [1 - 1 - 2].
- Kariba, island in:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Kariba, lake:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 2 [2 - 2 - 2].
- Karna Block Ranch:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Katombora Rapids:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 30 [30 - 30 - 30].
- Kaukua Cave:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 2 [2 - 2 - 2].
- Kudzwe dam:** 19 7/28: Cuisance, Dominique (Dr.): MNHN: 1 [1 - 1] - 19 7/31: Cuisance, Dominique (Dr.): MNHN: 2 [2 - 2 - 3].
- Kutanga Hippo V. Estates:** 19 5/11: ?: Collector Unknown: NHMZ: 2 [2 - 2] - 19 5/16: ?: Collector Unknown: NHMZ: 2 [2 - 2 - 4].
- Kyle Game Reserve:** 19 2/10: Goussard, S.W.: USNM: 2 [2 - 2] - 19 2/11: Goussard, S.W.: USNM: 1 [1 - 1] - 19 2/12: Goussard, S.W.: USNM: 1 [1 - 1] - 19 2/16: Goussard, S.W.: USNM: 8 [8 - 8 - 12].
- Lion and Cheetah Park:** 19 0/22: ?: Collector Unknown: TM: 2 [2 - 2] - Collection Date Unknown: ?: Collector Unknown: TM: 2 [2 - 2 - 4].
- Lunare valley:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1 - 1] - 19 1/22: Cotterill, F.D.P.: NHMZ: 1 [1 - 1 - 2].
- Lunzi River:** Collection Date Unknown: ?: Collector Unknown: BMNH: 1 [1 - 1 - 1].
- Lusulu Tsetse Station:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 4 [4 - 4 - 4].
- Lutopo-Ngolongola River confluence:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Mabalanta Camp:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1 - 1] - 19 3/19: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 2].
- Mabalauta Camp:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Mabura 1 Cave:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 82 [82 - 82 - 82].
- Mabura 2 Cave:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Maduni Dumela:** 19 4/05: Wilson, V.J.: NHMZ: 1 [1 - 1 - 1].
- Magurazino River:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Makalowa:** 19 5/27: Wilson, V.J.: NHMZ: 1 [1 - 1] - 19 5/28: Wilson, V.J.: NHMZ: 1 [1 - 1 - 2].
- Malapati Nuanetsi River:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Malilangwe Conservancy [=Lone Star Ranch]:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 3 [3 - 3 - 3].
- Malve:** Collection Date Unknown: Pitman, C.R.S. (Capt.): BMNH: 1 [1 - 1 - 1].
- Mana Pools National Park:** Collection Date Unknown: ?: Collector Unknown: TM: 8 [8 - 8] - 19 7/01: ?: Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 2 - 10].
- Mana Pools National Park, HQ:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].
- Manyima River:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 15 [15 - 15 - 15].
- Manzituba:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 3 [3 - 3 - 3].
- Marondera:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Marondera, Eirene farm:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Marymount mission:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Mashonaland province:** 18 5/15: Brown, Harvey: CM: 1 [1 - 1 - 1].
- Mashunga Hande Dam:** 19 5/06: Smithers, R.H.N.: HZM: 1 [1 - 1 - 1].
- Matema Camp:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 3 [3 - 3 - 3].
- Matusadona:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Mazoe:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1]; Darling, J. ff., Esq.: BMNH: 3 [3 - 4] - 18 1/13: Darling, J. ff., Esq.: BMNH: 4 [4 - 4] - 19 2/07: Darling, J. ff., Esq.: BMNH: 1 [1 - 1] - 18 6/13: Darling, J. ff., Esq.: BMNH: 1 [1 - 1 - 10].
- Mazoe Citrus Estate:** 19 2/10: ?: Collector Unknown: TM: 2 [2 - 2 - 2].
- Mchesu River:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Mcllwaine, lake:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 3 [3 - 3 - 3].
- Melsetter district:** Collection Date Unknown: White, A.G.: TM: 2 [2 - 2 - 2].
- Miami, 4 mi E:** 19 1/29: Mitchell: HZM: 1 [1 - 1 - 1].
- Monavale:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Mondo River, S boundary:** Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 2 - 2].
- Msitive and Mtoroshanga rivers, confluence:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Mtshavezi valley:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Munyati:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Munyati, Rhino [=Chimsoro] Cave:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 4 [4 - 4 - 4].
- Mushandike National Park:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Mutare:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 54, ROM: 37 [91 - 91 - 91].
- Mutare Asbestos Mine:** Collection Date Unknown: ?: Collector Unknown: NHMZ: 30 [30 - 30 - 30].

- Mutare, 15 km W:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 10 [10 - 10 - 10].
- Muzarabani Clinic:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 17 [17 - 17 - 17].
- Muzveve Communal Land:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 4 [4 - 4 - 4].
- Mvurwi:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 2 [2 - 2 - 2].
- N'dola:** Collection Date Unknown: ?; Collector Unknown: BMNH: 1 [1 - 1 - 1].
- Ngamo Pan:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Ngamo Pans:** 19 5/27: Wilson, V.J.: NHMZ: 1 [1 - 1 - 1].
- Ngorima Reserve:** 19 2/01: Goussard, S.W.: USNM: 1 [1 - 1 - 1].
- Ngweshla:** 19 5/27: Wilson, V.J.: NHMZ: 1 [1 - 1 - 1].
- Nwanetsi:** Collection Date Unknown: ?; Collector Unknown: TM: 3 [3 - 3 - 3].
- Nyadiri River:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Nyadiri River, near bridge:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Nyamandhlovu:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 8 [8 - 8 - 8].
- Nyamepi Camp:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Nyandia Dam:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 4 [4 - 4 - 4].
- Nyanga National Park:** Collection Date Unknown: Kearney, Teresa Catherine (Dr.): DNSM: 1 [1 - 1 - 1].
- Nyanyana campsite:** 19 2/09: ?; Collector Unknown: TM: 1 [1 - 1 - 1].
- Nyashato Dam:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 18 [18 - 18 - 18].
- Nyazura:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Odzi:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Odzi district:** 19 0/19: Miller, N.C.E.: BMNH: 1 [1 - 1] - Collection Date Unknown: ?; Collector Unknown: BMNH: 1 [1 - 1 - 2].
- Old Mine Adit [=Umtali Old mine]:** 19 0/07: ?; Collector Unknown: TM: 17 [17 - 17] - 19 0/17: ?; Collector Unknown: TM: 5 [5 - 5 - 22].
- Peak Mine:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Penhalonga:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 2 [2 - 2 - 2].
- Peterhouse School:** 19 2/18: Smithers, R.H.N.: HZM: 1 [1 - 1] - 19 2/21: Ginn, P.: NHMZ: 1 [1 - 1] - 19 2/24: Ginn, P.J.G.: NHMZ: 1 [1 - 1] - 19 3/10: Ginn, P.: NHMZ: 1 [1 - 1 - 4].
- Pungwe-Ruva confluence:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1] - 19 7/11: ?; Collector Unknown: NHMZ: 3 [3 - 3 - 4].
- Quagg's Hoek:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Rainham:** 19 1/18: Smithers, R.H.N.: HZM: 1 [1 - 1 - 1].
- Redrups Kop Mine:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 2 [2 - 2 - 2].
- Retreat Farm:** Collection Date Unknown: Peterson, Randolph L.: ROM: 1 [1 - 1 - 1].
- Rhodes Inyanga National Park:** 19 0/02: ?; Collector Unknown: TM: 2 [2 - 2] - 19 0/11: ?; Collector Unknown: TM: 2 [2 - 2] - Collection Date Unknown: ?; Collector Unknown: TM: 2 [2 - 2] - 19 1/01: ?; Collector Unknown: TM: 1 [1 - 1] - 19 1/02: ?; Collector Unknown: TM: 1 [1 - 1 - 8].
- Rhodes Inyanga Nature Park:** 19 0/11: Dippenaar, N.J. (dr.); Rautenbach, Ignatius L. "Naas" (Dr.); Wolhuter, D.R. and Wolhuter, P.J.: TM: 1 [1 - 1 - 1].
- Rhodes Matopos National Park:** 19 1/01: ?; Collector Unknown: TM: 5 [5]; Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 4 [4]; Wright and Rautenbach, Ignatius L. (Dr.) [=Naas]: NHMZ: 1 [1 - 10] - 19 1/02: ?; Collector Unknown: TM: 4 [4]; Rautenbach, Ignatius L. (Dr.) [=Naas] and Wright, Peter J.: DNSM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 4 [4 - 9 - 19].
- Rukameshi River on SN Game Fence:** 19 1/21: ?; Collector Unknown: TM: 1 [1 - 1 - 1].
- Rupisi Hot Spring:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 2 [2 - 2 - 2].
- Rusito Forest:** 19 0/14: ?; Collector Unknown: TM: 3 [3 - 3] - 19 0/15: ?; Collector Unknown: TM: 3 [3 - 3] - 19 0/16: ?; Collector Unknown: TM: 7 [7 - 7] - Collection Date Unknown: ?; Collector Unknown: NHMZ: 1, TM: 6 [7]; TM Expedition: TM: 2 [2 - 9 - 22].
- Rustio River:** 19 0/15: Wright and Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].
- Sabi-Lundi junction:** Collection Date Unknown: Carp, B.: KM: 1 [1]; Liversedge, T.N.: USNM: 1 [1 - 2] - 19 6/05: Carp, B.: TM: 1 [1 - 1 - 3].
- Sabi-Lundi River, S junction:** Collection Date Unknown: Carp Expedition: TM: 1 [1 - 1 - 1].
- Sailsburg:** 19 8/26: Marshal, Guy A.R.: SAMC: 1 [1 - 1 - 1].
- Salisbury:** 19 0/20: Smithers, R.H.N.: HZM: 2 [2 - 2] - Collection Date Unknown: Loure and Hickmans: USNM: 1 [1]; Setzer, H.W.: USNM: 1 [1 - 2] - 19 5/26: ?; Collector Unknown: MNHN: 1 [1 - 1] - 19 7/14: Shone: HZM: 1 [1 - 1 - 6].
- Salisbury, Borrowdale Road:** Collection Date Unknown: Brown, H.D.: TM: 1 [1 - 1 - 1].
- Sanyati West Camp:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Save River:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Save Valley:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 2 [2 - 2 - 2].
- Sebakwe River:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
- Selenda, mount:** Collection Date Unknown: Streeter, J.: TM: 1 [1 - 1 - 1].
- Selinda:** Collection Date Unknown: White, A.G.: TM: 1 [1 - 1 - 1].
- Selinda, mount:** 19 0/03: Setzer, H.W.: USNM: 1 [1 - 1] - 19 1/24: Boulton, R. and Boulton, L.: CM: 3 [3 - 3] - 19 1/26: Boulton, R. and Boulton, L.: CM: 6 [6 - 6 - 10].
- Selukwe:** Collection Date Unknown: Ellenberger, B.: MNHN: 1 [1 - 1 - 1].
- Sengwa Wildlife area:** 19 0/26: Wright and Rautenbach, Ignatius L. (Dr.) [=Naas]: NHMZ: 1 [1 - 1 - 1].
- Sengwa Wildlife Research Station:** 19 0/23: ?; Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas] and Wright, Peter J.: TM: 16 [16 - 17] - 19 0/24: Rautenbach, Ignatius L. (Dr.) [=Naas] and Wright, Peter J.: TM: 1 [1 - 1] - 19 0/26: ?; Collector Unknown: TM: 5 [5]; Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 3 [3 - 8] - 19 0/27: Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 2 [2 - 2] - 19 0/28: ?; Collector Unknown: TM: 1 [1]; Rautenbach, Ignatius L. (Dr.) [=Naas] et al.: TM: 6 [6 - 7] - Collection Date Unknown: ?; Collector Unknown: NHMZ: 17, ROM: 32, TM: 32 [81 - 81 - 116].
- Sentinal Ranch:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 14, TM: 2 [16 - 16] - 19 1/20: ?; Collector Unknown: TM: 1 [1]; Nesor, N.: TM: 1 [1]; Nesor, Walter: TM: 4 [4 - 6] - 19 2/10: ?; Collector Unknown: TM: 1 [1]; Nesor, Walter: TM: 1 [1 - 2 - 24].
- Sentinel Ranch:** Collection Date Unknown: ?; Collector Unknown: NHMZ: 33 [33 - 33] - 19 1/20: Nesor, Walter: TM: 1 [1 - 1] - 19 5/05: R.S.E.S: HZM: 1 [1 - 1] - 19 6/02: R.S.E.S: HZM: 1 [1 - 1 - 36].

Shamva, 48 km NE: Collection Date Unknown: ?; Collector Unknown: NHMZ: 2 [2 - 2 - 2].
Shangani River: Collection Date Unknown: ?; Collector Unknown: NHMZ: 2 [2 - 2 - 2].
Shashe: Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
Shinda Estates: Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1] - 19 8/21: RSVS: NHMZ: 1 [1 - 1 - 2].
Shurugwi: Collection Date Unknown: ?; Collector Unknown: NHMZ: 5 [5 - 5 - 5].
Silinda, mount: Collection Date Unknown: Streeter, F.: TM: 1 [1]; White, A.G.: TM: 3 [3 - 4 - 4].
Singereri Hills: Collection Date Unknown: ?; Collector Unknown: NHMZ: 6, ROM: 1 [7 - 7 - 7].
Sinoia: 19 9/24: Pavey, T.D.K.: BMNH: 1 [1 - 1 - 1].
Sohwe River: Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
Strickland Lodge: Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
Tanganda Bridge: Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
Tashinga: Collection Date Unknown: ?; Collector Unknown: NHMZ: 3 [3 - 3 - 3].
Tetse fly gate: Collection Date Unknown: Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 1 [1 - 1 - 1].
The Homestead: Collection Date Unknown: Cotterill, F.D.P.: TM: 2 [2 - 2 - 2].
Thornpark Estate: 19 2/03: Smithers, R.H.N.: HZM: 1 [1 - 1 - 1].
Triangle: 19 5/22: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
Triangle, MacDougall's Tunnel: Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
Tsungwesi Gauno Cave: Collection Date Unknown: ?; Collector Unknown: NHMZ: 14 [14 - 14 - 14].
Tuli Camp: Collection Date Unknown: ?; Collector Unknown: NHMZ: 26 [26 - 26 - 26].
Umtali: 19 5/01: ?; Collector Unknown: TM: 1 [1 - 1 - 1].
Umtali mine adit [=Umtali Old mine]: 19 0/07: Dippenaar, N.J. (dr.); Rautenbach, Ignatius L. "Naas" (Dr.); Wolhuter, D.R. and Wolhuter, P.J.: TM: 12 [12]; Rautenbach, Ignatius L. (Dr.) [=Naas]; Bronner, Gary Neil (Dr.) and Schlitter, Duane A (Dr.): TM: 1 [1]; Transvaal Museum Expedition: TM: 26 [26 - 39] - 19 0/17: Transvaal Museum Expedition: TM: 4 [4]; Wright and Rautenbach, Ignatius L. (Dr.) [=Naas]: TM: 2 [2 - 6] - Collection Date Unknown: ?; Collector Unknown: DNSM: 1 [1 - 1] - 19 1/17: Transvaal Museum Expedition: TM: 8 [8 - 8] - 19 4/29: van der Merwe, Mac. (Dr.): TM: 1 [1 - 1] - 19 5/17: Wingate, Lloyd R. and Wright, Peter J.: DNSM: 1 [1 - 1 - 56].
Umtali Old Mine: 19 2/12: Smithers, R.H.N.: HZM: 1 [1 - 1] - 19 3/19: Broadley: HZM: 1 [1 - 1] - 19 6/10: Miller, N.C.E.: BMNH: 1 [1 - 1] - 19 6/19: Smithers, R.H.N.: HZM: 1 [1 - 1 - 4].
Victoria Falls: Collection Date Unknown: ?; Collector Unknown: NHMZ: 6 [6 - 6 - 6].
Volunteer farms: Collection Date Unknown: ?; Collector Unknown: NHMZ: 7 [7 - 7 - 7].
Vumba: Collection Date Unknown: White, A.G.: TM: 4 [4 - 4 - 4].
Wallaby Claims: Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1] - 19 3/03: Smithers, R.H.N.: BMNH: 1 [1 - 1 - 2].
Wankie National Park: 19 3/20: Herbert, H.J.: NHMZ: 1 [1 - 1] - 19 8/06: Hayward, Bruce J.: FMNH: 1 [1 - 1 - 2].
Warren Hills: Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
Wildwood Sanctuary: Collection Date Unknown: ?; Collector Unknown: NHMZ: 1 [1 - 1 - 1].
Willow Park: Collection Date Unknown: ?; Collector Unknown: NHMZ: 9 [9 - 9 - 9].
Zambesidal: Collection Date Unknown: Holub: SMNS: 1 [1 - 1 - 1].
Zambezi-Cherowe Junction: 19 8/24: Guy, G.L.: HZM: 1 [1 - 1 - 1].
Zimbabwe: Collection Date Unknown: Cuisance, Dominique (Dr.): MNHN: 2 [2 - 2 - 2].
Zimbabwe Ruins: 19 0/02: ?; Collector Unknown: TM: 16 [16 - 16] - Collection Date Unknown: Transvaal Museum Expedition: TM: 1 [1 - 1 - 17].

Total Specimens for Zimbabwe: 1458

Grand total: 24891

Appendix 5: Keys from the Literature

Previously published keys for African Chiroptera. The keys are presented in chronological order, and within the same year alphabetically per author.

The keys do not include drawings or figures included in the original publications. If the identification in the published key was not equal to that used in the African Chiroptera Report, the current name is also mentioned in **BLUE**. Some notes in **GREEN** refer to identifications found in error by other publications. The most recent published name for this taxon is given in **ORANGE**. If the identification has been modified, this modified name has been used to link it with the name used in the African Chiroptera Report. The ability of the published keys to allow accurate identifications has not been checked.

Appendix 5a: Lataste (1885). Etude de la faune des Vertébrés de Barbarie (Algérie, Tunisie et Maroc)

- | | | |
|----|---|--|
| 1 | a | Queue épaisse, dépassant considérablement la membrane interfémorale et coupant son bord libre à angle droit. Première phalange du doigt médian, au repos, repliée en dessus du métacarpien (Famille Emballonuridés)..... 29 |
| | b | Queue grêle, dépassant au plus de deux vertèbres la membrane interfémorale et coupant son bord libre à angle aigu. Première phalange du doigt médian, au repos, repliée en dessous du métacarpien. 2 |
| 2 | a | Des appendices membraneux sur le nez (un fer à cheval horizontal et une feuille nasale verticale). Pas d'oreillon (tragus) dans l'intérieur de l'oreille (Famille Rhinolophidés)..... 3 |
| | b | Pas d'appendices membraneux sur le nez. Un oreillon distinct de l'oreille (Famille Vespertilionidés). 8 |
| 3 | a | Le premier orteil à deux, les quatre autres à trois phalanges. Feuille nasale développée surtout dans le sens antéro-postérieur (Genre <i>Rhinolophus</i>)..... 4 |
| | b | Tous les orteils à deux phalanges. Feuille nasale développée surtout dans le sens transversal (Genre <i>Phyllorhina</i>). <i>Phyllorhina tridens</i>
African Chiroptera name <i>Asellia tridens</i> |
| 4 | a | Canine et deuxième prémolaire supérieures contiguës, la première prémolaire minuscule et rejetée en dehors de l'alignement dentaire (1)..... 5 |
| | b | Première prémolaire petite, mais en alignement entre la canine et la deuxième prémolaire qu'elle sépare 6 |
| 5 | a | Longueur de l'avant-bras, 54 à 57 mill. Oreilles effilées à la pointe..... <i>Rhinolophus ferrum-equinum</i>
African Chiroptera name <i>Rhinolophus ferrumequinum</i> |
| | b | Avant-bras, environ 44 mill. Oreilles pointues, mais non effilées. <i>Rhinolophus clivosus</i> |
| 6 | a | Longueur avant-bras, 35 à 38 mill..... <i>Rhinolophus hipposideros</i> |
| | b | Longueur avant-bras, de 46 à 50 mill..... 7 |
| 7 | a | Bord libre de la membrane alaire s'insérant au talon. Côtés de la sella (face antérieure de la feuille nasale) convergents..... <i>Rhinolophus Blasii</i> |
| | b | Bord libre de la membrane alaire s'insérant au tibia, au-dessus du talon. Côtés de la sella parallèles ou très légèrement concaves..... <i>Rhinolophus euryale</i> |
| 8 | a | Front très convexe et brusquement élevé au-dessus du museau. Un intervalle entre les incisives et les canines supérieures (groupe C Miniopteri) (Genre <i>Miniopterus</i>).
..... <i>Miniopterus Schreibersi</i>
African Chiroptera name <i>Miniopterus schreibersi</i> |
| | b | Front presque sur le même plan que le museau. Incisives supérieures contiguës aux canines. 9 |
| 9 | a | Oreilles soudées l'une à l'autre près de leurs bases (groupe A Plecoti)..... 10 |
| | b | Oreilles libres (groupe B Vespertiliones). 12 |
| 10 | a | Une seule incisive de chaque côté à la mâchoire supérieure. Tout au plus une fente prolongeant légèrement en arrière l'orifice nasal. Robe très pâle (Genre <i>Otonycteris</i>).
..... <i>Otonycteris Hemprichi</i>
African Chiroptera name <i>Otonycteris hemprichii</i> |
| | b | Deux incisives de chaque côté à la mâchoire supérieure. Museau profondément excavé derrière les narines. Robe plus ou moins brune..... 11 |
| 11 | a | Trois prémolaires de chaque côté à la mâchoire inférieure. Les excavations post- |

- nasales isolées l'une de l'autre. Oreille très grande, presque de la longueur du corps, non dentelée, son bord externe naissant auprès et en arrière de l'angle de la bouche (Genre *Plecotus*)..... *Plecotus auritus*
African Chiroptera name *Otonycteris hemprichii*
- b Deux prémolaires de chaque côté et la mâchoire inférieure. Les excavations post-nasales confluentes. Oreille courte, large, dentelée, son bord externe naissant en avant et au-dessus de l'angle de la bouche (Genre *Synotus*). ... *Synotus barbastellus*
African Chiroptera name *Barbastella barbastellus*
- 12 a Une ou deux prémolaires seulement de chaque côté à la mâchoire supérieure, deux à l'inférieure. Oreillon peu allongé, obtus et plus ou moins recourbé en dedans (Genre *Vesperugo*). 13
b Trois prémolaires de chaque côté et à chaque mâchoire (38 dents). Oreillon (sauf pour *dasychneme*) long, aigu et droit ou recourbé en dehors (Genre *Vespertilio*)... 22
- 13 a Seulement une prémolaire supérieure, en tout 32 dents (Sous-genre *Vesperus*).. 14
b Deux prémolaires supérieures, en tout 34 dents (Sous-genre *Vesperugo*). 17
- 14 a Avant-bras, de 38 à 45 mill. 15
b Avant-bras, plus de 45 et jusqu'à 55 mill. 16
- 15 a Oreillon atténué au sommet, atteignant sa plus grande largeur vers le milieu de son bord interne..... *Vesperugo (Vesperus) borealis*
b Oreillon dilaté par le haut, atteignant sa plus grande largeur au-dessus du milieu de son bord interne. *Vesperugo (Vesperus) discolor*
- 16 a Plus grande largeur de l'oreillon, environ moitié moindre que la hauteur de son bord interne. Couleur, brunnoirâtre, un peu plus pâle en dessous. *Vesperugo (Vesperus) serotinus*
African Chiroptera name *Eptesicus serotinus*
b Plus grande largeur de l'oreillon, presque égale à la hauteur de son bord interne. Couleur, isabelle, très pâle en dessous. *Vesperugo (Vesperus) isabellinus*
African Chiroptera name *Eptesicus serotinus*
- 17 a Longueur avant-bras, plus de 38, jusqu'à 65 mill. et plus. Oreillon nettement élargi au sommet, sècuriforme. Membrane alaire s'insérant au talon. 18
b Longueur avant-bras, 30 à 36 mill. Oreillon non dilaté par en haut. Membrane alaire s'insérant aux orteils. 19
- 18 a Longueur avant-bras, de 50 à 65 mill. et plus. *Vesperugo (Vesperugo) noctula*
African Chiroptera name *Nyctalus noctula*
b Longueur avant-bras, de 38 à 42 mill. *Vesperugo (Vesperugo) Leisleri*
African Chiroptera name *Nyctalus leisleri*
- 19 a Oreillon atteignant sa plus grande largeur vers le milieu de son bord interne. *Vesperugo (Vesperugo) Savii*
African Chiroptera name *Hypsugo savii*
b Oreillon atteignant sa plus grande largeur immédiatement au-dessus de l'origine de son bord interne. 20
- 20 a Incisive supérieure interne simple; l'externe très petite. *Vesperugo (Vesperugo) Kühli*
African Chiroptera name *Pipistrellus kuhlii*
b Incisive supérieure interne bilobée; l'externe très apparente. son sommet s'écartant peu du niveau du lobe externe de l'interne..... 21
- 21 a Bord externe de l'oreille à peu près rectiligne dans son tiers supérieur. Pénis de longueur moyenne (environ 1/2 centim.). Longueur avant - bras, 30 à 33 mill. *Vesperugo (Vesperugo) pipistrellus*
African Chiroptera name *Pipistrellus pipistrellus*
b Bord externe de l'oreille légèrement excavé en haut. Pénis très long (13 mill. environ). Longueur avant-bras, 35 à 36 mill. *Vesperugo (Vesperugo) abramus*
- 22 a Calcanéum très long, occupant environ les trois quarts de la distance du tarse à l'angle postérieur de la membrane interfémorale; cet angle très aigu. Membrane alaire insérée au talon ou au métatarse. 23
b Calcanéum n'occupant guère que la moitié de ladite distance et membrane interfémorale terminée en arrière par un angle obtus. Membrane alaire insérée à la base des orteils..... 25
- 23 a Aile insérée au métatarse. Avant-bras, environ 38 mill. *Vespertilio Daubentoni*
b Aile insérée au talon. Avant-bras, plus de 40 mill. 24
- 24 a Oreillon à pointe très aiguë et recourbée en dehors. Avant-bras, environ 41 mill.

- *Vespertilio Capaccinii*
 African Chiroptera name *Myotis capaccinii*
- 25 b Oreillon obtus et recourbé en dedans. Avant-bras, 43 à 46 mill. *Vespertilio dasycneme*
 a Avant-bras, environ 60 mill. *Vespertilio murinus*
 b Avant-bras, au plus 43 mill. environ. 26
- 26 a Oreillon assez aigu, droit. Avant-bras, 32 à 34 mill. *Vespertilio mystacinus*
 b Oreillon très aigu et plus ou moins recourbé en arrière. Avant-bras, 38 mill. au moins.
 27
- 27 a Hauteur de l'oreillon, environ les trois quarts de celle de l'oreille. Bord libre de la
 membrane interfémorale cilié de poils raides. *Vespertilio Nattereri*
 African Chiroptera name *Myotis nattereri*
 b Hauteur de l'oreillon, au plus la moitié de celle de l'oreille. Bord libre de la membrane
 interfémorale nu ou ne présentant que des poils ordinaires. 28
- 28 a Oreille profondément échancrée sur son bord externe et sensiblement plus courte que
 la tête. *Vespertilio emarginatus*
 African Chiroptera name *Myotis emarginatus*
 b Oreille non échancrée et beaucoup plus longue que la tête. *Vespertilio Bechsteini*
- 29 a Narines valvulées, en fentes transversales; derrière elles, une feuille nasale
 rudimentaire. Deux phalanges à l'index (Genus *Rhinopoma*). *Rhinopoma*
microphyllum
 b Narines simples; pas de feuille nasale. Une seule phalange à l'index (Genre
Nyctinomus). *Nyctinomus Cestonii*
 African Chiroptera name *Tadarida ventralis*

Appendix 5b: Monard (1935). Contribution à la mammalogie d'Angola et prodrome d'une faune d'Angola.

- 1 a Couronnes des molaires aplaties, sans tubercules nets. Premier et second doigts terminés par des griffes. Queue nulle ou rudimentaire. Frugivores, dd grande taille. (Megachiroptères, Pteropodidae)..... 15
- b Couronnes des molaires hérissées de cônes aigus, normalement 4 ou 5. Deuxième doigt non terminé par une griffe. Queue développée, comprise au moins en partie dans la membrane. Insectivores de petite taille. (Microchiroptères)..... 2
- 2 a Nez surmonté d'un feuillet nasal compliqué, muni d'un lobe aigu à sa partie supérieure. Orteils II à V il trois phalanges (Famille Rhinolophidae). *Rhinolophus aethiops*
African Chiroptera name *Rhinolophus fumigatus*
- b Nez surmonté d'un feuillet nasal tronqué à sa partie supérieure. Orteils II à V à deux phalanges (Famille Hipposideridae)..... *Hipposideros angolensis*
- c Nez compliqué d'un profond sillon médian longitudinal. Oreilles très grandes (Famille Nycteridae). *Nycteris capensis*
African Chiroptera name *Nycteris thebaica*
- d Nez simple, sans ornement et sans fente longitudinale. 3
- 3 a Queue perforant la membrane et saillant à sa surface supérieure (Famille Emballonuridae)..... *Taphozous mauritanus*
- b Queue dépassant longuement la membrane (Famille Molossidae). (genres *Nyctinomus* et *Chaerephon*) 21
- c Queue comprise entièrement dans la membrane, ou la dépassant seulement d'une partie de dernière vertèbre (Famille Vespertilionidae)..... 4
- 4 a Vertex très bombé élevé au-dessus du rostre. Incisives supérieures séparées des canines. Deuxième phalange du doigt III environ trois fois plus longue que la première..... *Miniopterus schreibersii*
- b Vertex plat ou peu bombé. Deuxième phalange du doigt III non extraordinairement allongée. 5
- 5 a Trois prémolaires supérieures et 3 molaires. 6
- b Deux prémolaires supérieures et 3 molaires. 8
- c Une prémolaire supérieure et 3 molaires. 9
- 6 a Ouvertures nasales circulaires. Les trois prémolaires presque égales. *Kerivoula brunnea* / *Kerivoula lanosa*
- b Ouvertures nasales en croissant. Troisième prémolaire plus grande que les deux premières..... 7
- 7 a Des glandes sur le côté externe de l'avant-bras..... *Cistugo seabrae*
- b Pas de glandes particulières sur les ailes. *Myotis bocagei* / *Myotis welwitschi*
- 8 a Incisive supérieure externe très petite, sa pointe ne dépassant pas le cingulum de l'interne, et située extérieurement à la ligne incisive intercanine. . *Scotozous trüppellii*
African Chiroptera name *Pipistrellus rueppellii*
- b Incisive supérieure externe plus petite que l'interne mais dépassant le cingulum. *Pipistrellus rüppellii* / *Pipistrellus nanus* / *Pipistrellus kühli* / *Pipistrellus anchietae* / *Pipistre*
- 9 a Deux paires d'incisives supérieures. 10
- b Une paire d'incisives supérieures..... 14
- 10 a Lèvre inférieure munie de lobes commissuraux. Hauteur du crâne, avec bulles, égalant environ la distance qui sépare les incisives de la racine postérieure du zygomatique. *Glauconycteris congicus*
African Chiroptera name *Glauconycteris argentata*
- b Lèvre inférieure sans lobes commissuraux. Hauteur du crâne plus petite que cette distance 11
- 11 a Crâne remarquablement large et plat, avec région lacrymale renflée. Ailes remarquablement courtes et réduites..... *Mimetillus bernerii*
African Chiroptera name *Mimetillus thomasi*
- b Crane normal. Ailes développées. 12
- 12 a Rostre convexe latéralement. Nasaux ne s'étendant pas jusqu'à mi-chemin de la constriction interorbitaire. Emargination palatale plus profonde que large. 13
- b Rostre concave latéralement. Nasaux s'étendant jusqu'à mi-chemin de la constriction

- interorbitaire. Emargination palatale plus large que profonde. *Vespertilio murinus*
- 13 a Oreilles normales *Eptesicus minutus* / *Eptesicus capensis*
 b Oreilles grandes *Laephotis angolensis*
- 14 a Première et seconde molaires supérieures avec mésostyle (petit tubercule se trouvant sur le côté externe de la dent, en son milieu) réduit, le W formé par les cônes principaux tordu ou peu net *Pachyotus borbonicus*
 African Chiroptera name *Scotophilus borbonicus*
 b Mésostyle présent. W non déformé *Scotoecus albigula*
- 15 a 5 molaires supérieures 16
 b 4 molaires supérieures *Plerotes anchietae*
 c 3 molaires supérieures 19
- 16 a Un court meat auditif osseux *Eidolon helvum*
 b Non 17
- 17 a Longueur du rostre (du bord antérieur de l'orbite à l'extrémité de nasaux) plus grande que la largeur lacrymale (genre *Rousettus*) 18
 b Longueur du rostre égalant sa largeur. *Myonycteris torquata*
 African Chiroptera name *Myonycteris (Myonycteris) torquata*
- 18 a Avant-bras 89 – 99 mm. 4, 3, 1 plis palataux. Brun foncé et gris. .. *Rousettus leachi*
 African Chiroptera name *Rousettus aegyptiacus*
 b Avant-bras 88 – 99 mm. 4, 4, 1 plis palataux. Brun et gris. ... *Rousettus aegyptiacus*
 c Avant-bras 78 – 83 mm. 3, 4, 2 plis palataux. Brun châtain et brun foncé. *Rousettus angolensis*
 African Chiroptera name *Lissonycteris angolensis*
- 19 a Rostre plus long que la largeur lacrymale. 20
 b Rostre environ égal à cette largeur. *Micropteropus pusillus*
- 20 a Partie postérieure du palais concave. *Epomophorus zenkeri*
 African Chiroptera name *Kerivoula lanosa*
 b Partie postérieure du palais plane *Epomophorus (Epomops) comptus*
 African Chiroptera name *Epomops franqueti*
- 21 a Deux prémolaires supérieures et inférieures. Oreilles épaisses, opaques, jointes par un large bandeau. Lèvres sillonnées verticalement. (Genre *Chaerephon*) 22
 b genre *Nyctinomus* *Nyctinomus bocagei*
 African Chiroptera name *Tadarida aegyptiaca bocagei*
- 22 a Première prémolaire supérieure située dans la ligne dentaire 23
 b Première prémolaire supérieure située extérieurement à la ligne dentaire. Avant-bras 46 mm *Chaerephon angolensis*
- 23 a Région inférieure de la poitrine et ventre blancs. Avant-bras 38 mm. *Chaerephon limbatus*
 African Chiroptera name *Chaerephon pumilus*
 b Poitrine et ventre roussâtres. 24
- 24 a Avant-bras 38 mm *Chaerephon pumilus*
 b Avant-bras 47 – 50 mm *Chaerephon spillmanni*
 African Chiroptera name *Chaerephon nigeriae spillmanni*

Appendix 5c: Malbrant and Maclatchy (1949). Faune de l'équateur Africain français.

- 1 a Couronne des molaires aplatie et lisse sans tubercules marqués. Pouce et second doigt des membres antérieurs terminés par des griffes. Taille variable, souvent grande ou très grande, mais parfois très petite. Queue absente ou rudimentaire. (Sous-ordre des Megachiroptères; Chauves-souris frugivores: Pteropidae). 7
- b Couronne des molaires pourvue de tubercules aigus. Deuxième doigt des membres antérieurs non terminé par une grille. Queue en général bien développée, incluse au moins en partie dans la membrane interfémorale. Taille faible. (Sous-ordre des Microchiroptères, Chauves-souris insectivores)..... 2
- 2 a Queue à l'extrémité libre, dépassant sensiblement la membrane interfémorale..... 3
- b Queue entièrement incluse dans la membrane interfémorale ou ne la dépassant que d'une partie de la dernière vertèbre caudale. 4
- 3 a Un tragus auriculaire petit et arrondi mais bien visible. Pas de feuilles nasales. Museau légèrement allongé. Membres postérieurs grêles. Queue grêle perforant la membrane interfémorale et saillant sur sa face supérieure. Oreilles largement séparées (Famille Emballonuridae)..... 18
- b Tragus auriculaire petit, parfois même rudimentaire. Pas de feuilles nasales. Museau tronqué obliquement. Membres postérieurs trapus. Queue épaisse à la base débordant la membrane interfémorale, qui est étroite, d'au moins un tiers de sa longueur. Oreilles très rapprochées et souvent même reliées entre elles par une bande cutanée sur le front, à bords postérieurs bien descendus sur la joue (Famille Molossidae). 48
- 4 a Pas de feuilles nasales. Un tragus auriculaire grêle et droit. Oreilles en général petites et largement séparées (Famille Vespertilionidae)..... 31
- b Feuilles nasales plus ou moins développées, mais toujours présentes..... 5
- 5 a Queue beaucoup plus courte que la membrane interfémorale dont elle ne dépasse pas le bord d'insertion. Oreilles très grandes soudées à leur base avec tragus allongé en pointe et bifurqué. Membranes. oreilles et tragus de couleur orangé brun (Famille Megadermidae). *Lavia frons*
- b Queue dépassant le bord d'insertion de la membrane interfémorale. Oreilles plus petites, non soudées à la base; tragus arrondi ou absent. 6
- 6 a Feuilles nasales présentes; nez compliqué d'un profond sillon médian longitudinal. Oreilles grandes: tragus de grandeur variable mais généralement petit. Queue atteignant l'extrémité de la membrane interfémorale, formant un Y renversé à sa jonction avec celle-ci (Famille Nycteridae). 19
- b Feuilles nasales compliquées, affectant en général la forme d'un fer à cheval. Pas de sillon nasal. Queue se terminant en pointe dans la membrane interfémorale (Famille Rhinolophidae). 25
- 7 a Langue très extensible fixée au plancher de la bouche par son tiers postérieur, sa partie terminale étant couverte en dessus de papilles filiformes. Cinquième métacarpien beaucoup plus court que le troisième. Très petite taille. Longueur de l'avant-bras ne dépassant pas 45 mm. Molaires 5/5. *Megaloglossus Woermanni*
- b Langue simple fixée au plancher de la bouche par sa moitié postérieure et sans papilles filiformes à l'extrémité. Taille plus grande. Longueur de l'avant-bras dépassant toujours 45 mm..... 8
- 8 a Molaires 4-6. Palais plat. Quatre sillons palataux. Deux taches blanches à la base des oreilles..... *Plerotes Anchietae*
- b Molaires 5-6. Tête sans taches ni touffes blanches..... 9
- c Molaires 3-5. Tête du mâle parfois pourvue de taches ou de touffes blanches. 12
- 9 a Axe des deux rangées de molaires supérieures passant à travers ou au-dessous du condyle occipital. Petite taille: longueur de l'avant-bras variant de 55 à 60 mm. Pelage brun, plus clair dessous, à l'exception de la collerette, qui est jaune roussâtre. *Myonycteris torquata*
African Chiroptera name *Myonycteris (Myonycteris) torquata*
- b Axe de chaque rangée de molaires supérieures passant au-dessus du condyle occipital. Taille plus grande: longueur de l'avant-bras dépassant 65 mm. Museau long. 10
- 10 a Bulles tympaniques pourvues d'un méat auditif osseux bien développé. Grande taille.

- Longueur de l'avant-bras comprise entre 110 et 132 mm. Pelage jaunâtre ou brun jaunâtre dans l'ensemble. M1 de la mâchoire inférieure aussi longue que les deux suivantes réunies. *Eidolon helvum*
- b Pas de tube auditif externe osseux. Taille plus faible. Longueur de l'avant-bras comprise entre 75 et 100 mm. Pelage brun noirâtre dans l'ensemble. M1 de la mâchoire inférieure plus courte que les deux suivantes réunies. 11
- 11 a Quatre sillons palataux simples et trois sillons brisés et incurvés. Première prémolaire inférieure beaucoup plus grande que les incisives inférieures. Pelage court, réduit à une étroite bande sur le milieu de la région dorsale. Avant-bras: 88-100 mm. *Rousetus aegyptiacus*
African Chiroptera name *Rousettus aegyptiacus*
- b Trois sillons palataux simples et quatre sillons brisés. Première prémolaire inférieure à peu près de la même taille que les incisives inférieures. Pelage plus long et plus abondant sur le dos. Avant-bras 78-83 mm. *Rousetus angolensis*
African Chiroptera name *Lissonycteris angolensis*
- 12 a Rostre (du bord antérieur de l'orbit à l'extrémité des nasaux) plus long que la largeur palatale au niveau des dernières molaires, Taille grande ou assez grande. Longueur totale dépassant toujours 130 mm. 13
- b Rostre court, à peu près de la même longueur que la largeur palatale au niveau des dernières molaires. Taille très faible. Longueur totale ne dépassant pas 100 mm. 16
- 13 a Grande taille. Longueur de l'avant-bras dépassant 110 mm. Tête grosse à museau terminé par de vastes expansions foliacées. Pas de queue. Palais très étendu. Molaires inférieures pourvues de deux ou trois tubercules. *Hypsignathus monstrosus*
African Chiroptera name *Hypsignathus monstrosus*
- b Taille moins grande. Queue rudimentaire mais toujours présente. Pas d'expansions foliacées à l'extrémité du museau. Molaires inférieures non tuberculées. 14
- 14 a Palais largen aplati et arqué. Quatrième métacarpien plus court que le cinquième. Quatre sillons palataux bien marqués en avant suivis de plusieurs autres sillons beaucoup plus irréguliers. Avant-bras 85-97 mm. *Epomops Franqueti*
- b Palais plus étroit et très déprimé. Quatrième métacarpien à peu près de la même longueur ou plus long que le cinquième. 15
- 15 a Un seul sillon palatal en arrière de la dernière molaire. Avant-bras 74-87 mm. *Epomophorus Wahlbergi*
- b Deux sillons palataux en arrière de la dernière molaire. Rostrum et palais très longs et étroits. Quatrième sillon palatal situé à égale distance entre le troisième et le cinquième. Avant-bras 81-93 mm. *Epomophorus gambianus*
- 16 a Voûte des os palatins non sensiblement prolongée en arrière de la dernière molaire. Une tache blanche en arrière du nez et en arrière des yeux et lèvre supérieure bordée de blanc. Longueur totale atteignant environ 90 mm. *Casinycteris argynnis*
- b voûte des os palatins fortement prolongée en arrière de la dernière molaire. Taille un peu plus faible. 17
- 17 a Dernière molaire supérieure située au niveau du bord antérieur de l'orbite. Palais présentant sur l'animal en chair, un profond sillon médian allant en se rétrécissant vers l'arrière. Museau relativement large. Des touffes blanchâtres à la base des oreilles et des épaules. *Micropteropus pusillus*
- b Dernière molaire supérieure située sensiblement en avant du niveau du bord antérieur de l'orbite. Palais présentant sur l'animal en chair une saillie médiane. Museau plus droit que dans l'espèce précédente. Pas de tache blanche en arrière des oreilles et des épaules. *Nanonycteris Veldkampi*
African Chiroptera name *Micropteropus pusillus*
- 18 a Taille petite: tête et corps 75-90 mm.; avant bras 58-65 mm. Pelage gris brunâtre clair tiqueté dessus. Dessous blanc. *Taphozous mauritanus*
- b Taille plus grande; tête et corps 103-126 mm.; avant-bras 84-95 mm. Pelage brun plus ou moins foncé dessus et dessous. *Saccolaimus Peli*
- 19 a Petite taille: avant-bras n'atteignant pas 40 mm. *Nycteris nana*
- b Taille plus grande: avant-bras dépassant 53 mm. *Nycteris grandis*
- c Taille moyenne. 20
- 20 a Avant-bras 47-50 mm. environ. 21
- b Avant-bras ne dépassant pas 47 mm. 23
- 21 a Tragus court et ovalaire. Pelage brun foncé dessus, brun grisâtre dessous. *Nycteris*

- macrotis*
- 22 b Tragus plus développé, bien dégagé en hauteur et convexe sur son bord interne. 22
 a Dessus marron foncé et dessous blanchâtre. Taille relativement faible. Avant-bras ne dépassant pas 48 mm. *Nycteris thebaica*
 African Chiroptera name *Nycteris thebaica*
 b Dessus et dessous brun sombre. Taille plus grande, avant-bras dépassant 48 mm. *Nycteris major*
- 23 a Dessus brun pâle. Une bande étroite blanchâtre bordant le nez dessus et latéralement. *Nycteris pallida*
 African Chiroptera name *Nycteris hispida*
 b Dessus brun foncé; pas de bande blanchâtre nasale. 24
- 24 a Dessus brun foncé, presque noirâtre sur la partie médiane du dos; dessous plus clair que le dessus. *Nycteris hispida*
 b Dessus et dessous brun sombre. Feuille nasale recouverte de poils épais. . *Nycteris arge*
- 25 a Deux phalanges à chaque doigt. Feuilles nasales arrondies ou tronquées à la partie supérieure, mais non prolongées en pointe. Oreille sans lobe marginal à la base (Genre *Hipposideros*). 26
 b Trois phalanges à chaque doigt, excepté au pouce. Feuille nasale prolongée en pointe dans sa partie supérieure. Un lobe marginal à la base de l'oreille (Genre *Rhinolophus*). *Rhinolophus ferrum-equinum obscurus*.
 African Chiroptera name *Rhinolophus ferrumequinum*
- 26 a Taille moyenne: avant-bras n'atteignant pas 55 mm. 27
 b Taille plus grande: avant-bras atteignant ou dépassant 55 mm. 28
- 27 a Longueur de l'avant-bras comprise entre 46,5 et 53,8 mm. *Hipposideros caffer*
 b Longueur de l'avant-bras comprise entre 42,2 et 44,2 mm. *Hipposideros beatus*
- 28 a Taille relativement très grande: avant-bras 107 mm. environ. Pelage brun olive dessus. Une marque en Y irrégulièrement présente sur le dos... *Hipposideros gigas*
 African Chiroptera name *Hipposideros commersoni*
 b Avant-bras plus court. 29
- 29 a Avant-bras: 92 mm. environ. Coloration générale blanchâtre. Une tache blanche à l'insertion des membranes. *Hipposideros Commersoni*
 b Avant-bras inférieur à 92 mm. 30
- 30 a Pelage d'apparence laineuse de couleur générale brun pourpré. *Hipposideros cyclops*
 b Couleur générale roux cannelle vif. *Hipposideros fuliginosus*
- 31 a Six molaires supérieures et six molaires inférieures de chaque côté de la mâchoire. 32
 b Quatre ou cinq molaires seulement de chaque côté de la mâchoire supérieure. ... 33
- 32 a Boîte crânienne haute et bombée et rostre grêle et déprime. Avant-bras, jambes et pieds bien velus. Pelage long et laineux. Oreilles disposées en entonnoir. Ouvertures nasales circulaires. Les trois prémolaires presque égales. Membrane interfémorale garnie en général de poils sur son bord terminal (Genre *Kerivoula*). 47
 b Boîte crânienne de hauteur normale et plus bombée. Rostre plus épais. Avant-bras et pattes peu velues. Oreilles non disposées en entonnoir. Tragus allongé. Ouvertures nasales en croissant. Troisième prémolaire plus grande que les deux premières (Genre *Myotis*). 37
- 33 a Molaires 5/6. Première phalange du troisième doigt courte, n'atteignant pas la moitié de la longueur de la seconde. Doigts 3 et 4 notablement plus longs que chez les autres Vespertilionidae (Genre *Miniopterus*). *Miniopterus inflatus*
 b Molaires 5/5. Première phalange du troisième doigt plus longue que la seconde (Genre *Pipistrellus*). 40
 c Molaires 4/5. 34
- 34 a Incisives 1-1/3-3. Triangle antérieur de la première et de la deuxième molaire plus grand que le postérieur. Membrane alaire épaisse (Genre *Scotophilus*). *Scotophilus nigrata nux* ou *Scotophilus nigrata herero*.
 b Incisives 2-2/3-3. 35
- 35 a Lèvre inférieure munie de lobes commisuraux. Rostre étroit. Hauteur du crâne avec les bulles dépassant les deux tiers de sa longueur basilaire. Dessus clair (Genre *Glauconycteris*). 39
 b Lèvre inférieure sans lobes commissuraux. Rostre large. Hauteur du crâne avec les bulles beaucoup moins grande que les deux tiers de sa longueur basilaire. 6

- 36 a Crâne plat et large. Ailes remarquablement courtes et réduites, le troisième doigt n'étant pas plus long que la longueur de la tête et du corps (Genre *Mimetillus*).
.....*Mimetillus Moloneyi*
- b Crâne de longueur normale et pas spécialement aplati. Ailes grandes. Oreilles de taille moyenne (Genre *Eptesicus*). 44
- 37 a Pelage entièrement noir. *Myotis megalopus*
- b Pelage roux cannelle ou grisâtre dessus, gris cannelle ou blanchâtre dessous. 38
- 38 a Dessus roux cannelle. Dessous gris cannelle. Avant-bras 33-40 mm. environ. *Myotis Bocagei*
African Chiroptera name *Myotis bocagii*
- b Dessus grisâtre. Dessous blanchâtre. Avant-bras 54 mm. environ. *Myotis africanus*
- 39 a Couleur générale gris argenté. *Glauconycteris argentatus*
African Chiroptera name *Glauconycteris argentata*
- b Dessus crème. Dessous blanchâtre. *Glauconycteris variegata*
- c Couleur générale brun noirâtre uniforme. *Glauconycteris beatrix*
- 40 a Avant-bras 24 à 25 mm. *Pipistrellus musciculus*
African Chiroptera name *Hypsugo musciculus*
- b Avant-bras dépassant 25 mm. 41
- 41 a Dessous blanc teinté de jaunâtre. *Pipistrellus Rüppelli*
African Chiroptera name *Pipistrellus rueppellii*
- b Dessous plus sombre. 42
- 42 a Avant-bras 28 mm. environ. Tête et corps 47 mm. Dessus brun fumeux. Dessous un peu plus clair. *Pipistrellus crassulus*
African Chiroptera name *Hypsugo crassulus*
- b Avant-bras 30-33 mm. Tête et corps 37-47. Dessus brun sépia ou noirâtre. Dessous plus clair. *Pipistrellus nanus*
- c Taille plus faible. Tête et corps ne dépassant généralement pas 41 mm. 43
- 43 a Oreilles longues et pointues, le bord externe étant près des commissures labiales.
..... *Pipistrellus Pagenstecheri*
African Chiroptera name *Pipistrellus nanus*
- b Oreilles assez courtes et franchement arrondies. *Pipistrellus nanulus*
- 44 a Avant-bras 55 mm. environ. Dessus brun foncé et dessous blanc jaunâtre. *Eptesicus serotinus gabonensis*
African Chiroptera name *Eptesicus serotinus*
- b Avant-bras n'atteignant pas 55 mm. 45
- 45 a Tête et corps 31 mm. environ. Teinte générale brun noirâtre foncé. Dessous légèrement plus clair que le dessus. *Eptesicus pusillus*
African Chiroptera name *Neoromicia "incertae-sedis"*
- b Tête et corps dépassant 35 mm. Teinte générale non brun noirâtre. 46
- 46 a Tête et corps 40-46 mm. Dessus brun plus ou moins foncé et dessous cendré blanchâtre. *Eptesicus tenuipennis*
African Chiroptera name *Neoromicia tenuipinnis*
- b Tête et corps 37 mm. Dessus brun rougeâtre et dessous plus clair. *Eptesicus Grandidieri*
African Chiroptera name *Neoromicia capensis*
- 47 a Avant-bras 27 mm. Une frange de poils sur le bord postérieur de la membrane interfémorale. *Kerivoula muscilla*
African Chiroptera name *Kerivoula lanosa*
- b Avant-bras 34-35 mm. Pas de frange sur le bord postérieur de la membrane interfémorale. *Kerivoula cuprosa*
- 48 a Troisième molaire complète à tubercules formant une marque en N sur sa surface (Genre *Mops*). 52
- b Troisième molaire incomplète à tubercules formant une marque en V sur sa surface. 49
- 49 a Prémaxillaires complets couvrant complètement la zone située entre les incisives médianes. Incisives supérieures non en contact l'une avec l'autre. Une touffe de poils sur la nuque chez le mâle. Un bandeau interauriculaire bien marqué et formant parfois un bourrelet frontal (Genre *Choerophon*). 50
- b Prémaxillaires incomplets et laissant apparaître une émargination entre les incisives medianes. Incisives supérieures en contact l'une avec l'autre. Pas de bandeau

- interauriculaire marqué. Oreilles de forme plutôt carrée (Genre *Nyctinomus*).
 *Nyctinomus brunneus*
 African Chiroptera name *Tadarida aegyptiaca bocagei*
- 50 a Pas de bande blanche sur les flancs le long de la membrane alaire. *Choerophon frater*
 African Chiroptera name *Chaerephon leucogaster*
- b Une bande blanche sur les flancs en bordure de l'insertion de la membrane alaire. 51
- 51 a Une zone blanche sur la partie médiane du dessous, couvrant le ventre et la région
 inguinale. *Choerophon limbatus*
 African Chiroptera name *Chaerephon pumilus*
- b Zone blanche limitée à la zone médiane. *Choerophon cristatus*
 African Chiroptera name *Chaerephon leucogaster*
- 52 a Avant-bras 31 mm. environ. Dessus brun noir; dessous blanc jaunâtre sale. ... *Mops*
leonis
 African Chiroptera name *Mops (Xiphonycteris) brachypterus*
- b Avant-bras dépassant 31 mm. 53
- 53 a Avant-bras 47-49 mm. Dessus brun foncé clair et dessous plus clair. .*Mops Osborni*
 African Chiroptera name *Mops (Mops) condylurus*
- b Avant-bras 41 mm. environ. Couleur général brun noisette. *Mops thersites*
 African Chiroptera name *Mops (Xiphonycteris) thersites*

Appendix 5d: Roberts (1951). The mammals of South Africa

1	a	Megachiroptera	2
	b	Microchiroptera	4
2	a	Size largest, forearm about 100 mm, skull length about 50 mm, no white patch at the base of ears; jugal bone not broadened opposite the supraorbital process; 3 premolars and 2 molars above; M/1 twice the size of M/2.....	<i>Eidolon helvum</i>
	b	Size smaller, forearm less than 100 mm, skull length less than 45 mm, no white patch at base of ears; jugal bone not broadened opposite the supraorbital process; 3 premolars and 2 molars above; M/1 equal to M/2	<i>Rousettus leachii</i>
		African Chiroptera name	<i>Rousettus aegyptiacus</i>
	c	Size large or small, but forearm less than 90 mm, skull length over 50 mm, a white patch present at the base of ear; the jugal broadened opposite the supraorbital process; only 2 premolars and one molar above.....	3
3	a	With one post-dental palate ridges; palate shorter (MM: 29.5 - 30.5), but broader at M ¹ (14.8 - 16) (FF 25 - 27 x 13.6 - 15)	<i>Epomophorus wahlbergi wahlbergi</i>
		African Chiroptera name	<i>Epomophorus wahlbergi</i>
	b	With two post-dental palate ridges; palate longer (MM 32 - 34), but narrower at m ¹ (13.3 - 14.5) (FF 29 - 31.5 x 12.8 - 13.5)	<i>Epomophorus crypturus</i>
		African Chiroptera name	<i>Epomophorus gambianus crypturus</i>
4	a	With horseshoe nose-leaves.....	5
	b	Without horseshoe nose-leaves.....	6
5	a	A median sella and posterior lancet-like, erect, cutaneous processes; frontal region of skull narrowly constricted; nasal bulbs higher than frontals (Rhinolophidae).....	9
	b	No median sella, though posterior erect processes may be present; frontal region of skull narrowly constricted by nasal bulbs hardly raised above the level of the frontals (Hipposideridae)	22
6	a	Nostrils situated in a slit on th face, ears long and spatulate; frontal region of skull broad and hollowed by raised, thin, laterally expanded, plates (Nycteridae)	23
	b	Nostrils simple	7
7	a	Nostrils exposed at the end of the muzzle; tail, when present, to the interfemoral membrane, projecting slightly beyond in some genera; premaxilla more or less divided distally by a space between the lateral sections, which ar ecushed against the maxilla and bear incisors; suprapostorbital processes absent (Vespertilionidae)	26
	b	Tail protruding from the interfemoral membrane	8
8	a	Tail protruding from the upper surface of the interfemoral membrane; premaxilla a thin bone on each side, wide apart, not clearly visible, situated close up against the maxillaries, which are narrow in front and bear strong canines; frontals flat; suprapostorbital processes absent (Emballonuridae).....	<i>Taphozous mauritanus</i>
	b	Tail protruding from the middle of the margin of the interfemoral membrane; premaxilla present as thin bone bearing a large incisor on each side, a wide space between them; frontals hollowed; cranium vrey large and high above the muzzle; no supraorbital processes (Molossidae).....	53
9	a	Width of horseshoe over 9 mm, skull length from canines over 23 mm.....	10
	b	Width of horseshoe less than 9 mm, skull length from canines under 23 mm	11
10	a	Size larger; forearm 62 - 67, skull length from canines 26 - 28; length c-m ³ 9.2 - 10.1; ears larger, length 29 - 32.....	<i>Rhinolophus hildebrandti hildebrandti</i>
		African Chiroptera name	<i>Rhinolophus hildebrandtii</i>
	b	Size smaller, forearm 56 - 58, skull length from canines 24; c-m ³ 8.7 - 9; ears shorter, 21 - 22.5.....	<i>Rhinolophus aethiops</i>
		African Chiroptera name	<i>Rhinolophus fumigatus</i>
11	a	p ³ outside the toothrow, c and p ⁴ in contact.....	12
	b	p ³ within the toothrow, c and p ⁴ not in contact	17
12	a	Tibia and hind-foot 30 - 34.5	13
	b	Tibia and hind-foot 26 - 30	15
13	a	Skull length from canines 22 - 23; upper c-m ³ length 8.1 - 9; lower c-m/3: 8.8 - 9.4	14
	b	Skull length from canines 20.7 - 22.4; upper c-m ³ 7.8 - 8.4; lower c-m/3 8.2 - 9..	16
14	a	Forearm 54 - 57	<i>Rhinolophus geoffroyi augur</i>
		African Chiroptera name	<i>Rhinolophus clivus</i>
	b	Forearm 51 - 54.5	<i>Rhinolophus geoffroyi geoffroyi</i>

- 15 a African Chiroptera name *Rhinolophus clivosus*
 General colour lighter *Rhinolophus geoffroyi zuluensis*
 African Chiroptera name *Rhinolophus clivosus*
 b General colour darker *Rhinolophus geoffroyi zambesiensis*
 African Chiroptera name *Rhinolophus clivosus*
- 16 a Average length of forearm 47, of skull from canines 20, of upper c-m³ 7.3, of lower c-m/3 7.9; colour drab-grey below *Rhinolophus darlingi darlingi*
 African Chiroptera name *Rhinolophus darlingi*
 b Average length of forearm 46, of skull length from canines 19.2, of upper c-m³ 7.1, of lower c-m/3 7.4; colour drab grey below *Rhinolophus darlingi barbertonensis*
 African Chiroptera name *Rhinolophus darlingi*
 c Average length of forearm 49, of skull from canines 20, of upper c-m³ 7.4, of lower c-m/3 7.9; colour paler above and whiter below *Rhinolophus darlingi damarensis*
 African Chiroptera name *Rhinolophus darlingi*
- 17 a Saddle rising to a narrow and high point in the posterior half (as seen from the side) 18
 b Saddle not rising to a narrow and high point in the posterior half (as seen from the side) 19
- 18 a Anterior face of the saddle rounded above, posterior connecting process broad at the base; forearm 44 - 46; skull length from canines 18 - 18.6; width across m³ about 7 mm; p/3 outside tooththrow *Rhinolophus lobatus*
 African Chiroptera name *Rhinolophus landeri*
 b Anterior face of saddle pointed above, posterior connecting process narrow at the base, the process like a horn, curving forward; forearm 46.5 - 48; skull length from canines 19 - 19.8; width across m³ only 6.1 - 6.4; p/3 within the tooththrow *Rhinolophus empusa*
 African Chiroptera name *Rhinolophus blasii*
- 19 a Forearm 47 - 51; skull length from canines 20 - 21.3, upper c-m³ 7.5 - 7.8, lower c-m/3 8 - 8.5 *Rhinolophus capensis*
 b Forearm less than 47, skull length from canines less than 19, c-m³ less than 7, c-m/3 less than 7.5 20
- 20 a Wing membrane from the lower third of the tibia; tail 21 - 30, ear 19 - 21; size larger, forearm 42.5 - 45, skull length from canines 18 - 18.7, c-m³ 6.4 - 7, c-m/3 6.8 - 7.3 *Rhinolophus simulator*
 b Wing membrane from lower third of tibia; tail 21, ear 20; size smaller, forearm 42, skull length 17, c-m³ 5.9, c-m/3 6.6 *Rhinolophus denti*
 c Wing membrane from near the ankle; tail 18 - 22, ear 15 - 18, size small, forearm 40 - 43.75; skull length from canines under 18, c-m³ 6 - 6.7, c-m/3 6.3 - 7 21
- 21 a Size largest, forearm 42.5 - 43.75, tail 19.5; colour as in swinnyi swinnyi *Rhinolophus swinnyi piriensis*
 African Chiroptera name *Rhinolophus swinnyi*
 b Size smaller, forearm 40 - 42; H & B 42 - 47, tail 18 - 19, skull length from canines 17.2 - 17.7, upper c-m³ 6 - 6.7, lower c-m/3 6.3 - 7, colour wood brown above, below avellaneous *Rhinolophus swinnyi swinnyi*
 African Chiroptera name *Rhinolophus swinnyi*
 c Size smallest, forearm 40, H & B 52, tail and foot, c.u. 24, ear 15, skull length from canines 17, upper c-m³ 6.3, lower c-m/3 6.5; colour near salmon-orange above and below, tipped with orange-rufous above *Rhinolophus swinnyi rhodesiae*
 African Chiroptera name *Rhinolophus swinnyi*
- 22 a Size largest, forearm over 75, skull length from canines over 30 mm, ears fairly long and pointed; hair short; back of nose-leaf in a transverse tickened ridge; skull powerful, broad in the muzzle, canines long and strong, sagittal crest from frontals to occiput as a high keel. *Phyllorhina commersoni marungensis*
 African Chiroptera name *Hipposideros commersoni*
 b Size intermediate, much smaller, forearm between 45 and 55, skull length between 16 and 20 mm; ears short and round, with only a slight tip; hair longer; back of nose-leaf with a thin transverse ridge; skull much lighter, narrower in the muzzle, the sagittal crest is not so high and extending only to the back of frontals. *Hipposideros caffer*
 c Size very small, forearm less than 36; skull length less than 14 mm; ears short, rounded and hardly rising above the level of the hair; back of nose-leaf with a trident-like set of processes; skull very high, broad in the muzzle, but canines not very large;

		sagittal crest not much developed and not extending behind the frontals. <i>Cloeotis percivali</i>	
23	a	Forearm less than 41 mm.....	24
	b	Forearm over 41 mm	25
24	a	Size smallest, forearm 38; ear 17 mm; upper and lower incisors trifurcate <i>Nycteris hispida villosa</i>	
		African Chiroptera name	<i>Nycteris hispida</i>
	b	Size small, forearm 40, ear 32 - 34; incisors bifurcate.....	<i>Nycteris woodi sabiensis</i>
		African Chiroptera name	<i>Nycteris woodi</i>
25	a	Size large, forearm 42 - 49; ear 28 - 32; upper tooththrow 6.5 - 7; colour buffy to orange-rufous on head and below.....	<i>Nycteris capensis capensis</i>
		African Chiroptera name	<i>Nycteris thebaica</i>
	b	Forearm 48 - 49; ear 33 - 37; upper tooththrow 7.3 - 7.5; colour white on head and below	<i>Nycteris capensis damarensis</i>
		African Chiroptera name	<i>Nycteris thebaica</i>
26	a	Surface of forearm, tail and tibia thickly sprinkled with pointed excrescences.	<i>Rhinopterus notius</i>
		African Chiroptera name	<i>Neoromicia capensis</i>
	b	Forearm, tail and tibia without pointed excrescences.....	27
27	a	Second phalanx of third finger not more than two-and-a-half times the length of the first phalanx	28
	b	Second phalanx of third finger nearly three times the length of the first phalanx; cranium much swollen; 2 upper and 3 lower pairs of incisors, 2 upper and 3 lower pairs of premolars; ears square (genus <i>Miniopterus</i>)	37
28	a	Frontal region of the skull much swollen, high above the muzzle, which is rather narrow, and above the parietals; hair inclined to be curly on the back; 2 upper and 3 lower pairs of incisors, 3 upper and 3 lower pairs of premolars; ears pointed (genus <i>Kerivoula</i>).....	38
	b	Frontal region not so swollen, if above the level of the muzzle then not above the level of the parietals; hair above not inclined to be curly	29
29	a	Outer upper incisor in contact with the canine; a fleshy lobe at the angle of the mouth connected by a ridge with the lobe of the ear; wing membranes with dark-rayed markings (genus <i>Glauconycteris</i>).....	52
	b	Outer upper incisor not in contact with the canine; no fleshy lobe at the angle of the mouth, if present then not connected with lobe of the ear; wing membranes plainly uniform.....	30
30	a	Cranium raised above the level of the muzzle.....	31
	b	Cranium practically level with the muzzle.....	34
31	a	Forearm over 40 mm, ear length over 13 mm (genus <i>Myotis</i>).....	43
	b	Forearm under 40, ear under 13 mm	32
32	a	Two minute premolars above, placed transverse to the tooththrow between the canine and large premolar (genus <i>Cistugo</i>).....	44
	b	Only one minute premolar above, in the tooththrow between the canine and large premolar.....	33
	c	No minute premolar above -only one large premolar.	<i>Neoromicia zuluensis</i>
33	a	Outer upper incisors more than half the height of the inner incisor; inner upper incisor unicuspid.....	<i>Pipistrellus nanus</i>
	b	Similar, but inner upper incisor bicuspid.....	<i>Vansonia vernayi</i>
		African Chiroptera name	<i>Pipistrellus rueppellii vernayi</i>
	c	Outer upper incisor less than half the height of the inner incisor. <i>Romicia kuhlii broomi</i> (This should be <i>Pipistrellus hesperidus</i> . See Kock (2001))	
		African Chiroptera name	<i>Pipistrellus hesperidus</i>
34	a	Skull with a keel-like lambdoid process.....	35
	b	Skull without a keel-like lambdoid process.....	36
35	a	Size larger, forearm over 45 mm, one upper incisor and one upper premolar on each side (genus <i>Scotophilus</i>).....	49
	b	Lambdoid process can be absent; its size variable, typically forearm over 45 mm, but others much less; two upper incisors, but only one upper premolar on each side (genus <i>Eptesicus</i>)	46
36	a	Size very small, forearm under 34 mm, only one upper incisor and one upper premolar	

- on each side. *Scoteinus schlieffenii*
 African Chiroptera name *Nycticeinops schlieffenii*
- 37 b No lambdaoid crest; forearm under 31 mm; two upper incisors and two upper premolars
 on each side (genus *Eptesicops*) 45
- 37 a Size slightly larger, skull length from premaxilla over 15, upper c-m³ series 5.6 - 5.9
 mm..... *Miniopterus natalensis natalensis*
 African Chiroptera name *Miniopterus natalensis*
- 38 b Size slightly smaller, skull length from premaxilla under 15, upper c-m³ series 5.3 -
 5.5 mm..... *Miniopterus fraterculus*
- 38 a Size small, forearm 30 - 33, wingspan 250 - 260, greatest skull length 12.9 - 13.5,
 width of braincase 6.1 - 7.3 39
- 38 b Size larger, forearm 34 - 39, wingspan 265 - 300, greatest skull length from canines
 15 or more mm, width of brain-case 7.3 - 7.7 40
- 39 a Colour darker, below grey for the greatest part..... *Kerivoula lanosa lanosa*
 African Chiroptera name *Kerivoula lanosa*
- 39 b colour lighter, below white for the greatest part..... *Kerivoula lanosa lucia*
 African Chiroptera name *Kerivoula lanosa*
- 40 a Hair of upper parts of body grey at the base; outer upper incisors rudimentary
 *Kerivoula aerea*
- 40 b Hair of upper parts of body white at the base, outer upper incisor nearly as large as
 the inner..... 41
- 41 a Long-winged, forearm 39, wingspan about 280 - 300 .. *Kerivoula argentata argentata*
 African Chiroptera name *Kerivoula argentata*
- 41 b Shorter-winged, forearm 35.5, wingspan about 265 - 280..... 42
- 42 a Colour below buffy-white..... *Kerivoula argentata nidicola*
 African Chiroptera name *Kerivoula argentata*
- 42 b Colour below smoky greyish-white *Kerivoula argentata zuluensis*
 African Chiroptera name *Kerivoula argentata*
- 43 a Size larger, forearm over 53 mm, interfemoral membrane red *Myotis welwitschii*
- 43 b Size smaller, forearm under 53; interfemoral membrane brown..... *Myotis tricolor*
- 44 a Size smaller, forearm 32.5, skull length 13.2..... *Cistugo seabrae*
- 44 b Size larger, forearm 34.5, skull length 14.4 *Cistugo lesueuri*
- 45 a Size larger; skull length 11.5 - 11.8 mm *Eptesicops rusticus*
 African Chiroptera name *Pipistrellus rusticus*
- 45 b Size smaller, skull length 11 mm *Eptesicops subtilis* / *Eptesicops fouriei*
- 46 a Size larger, forearm over 40; skull with a keel-like lambdaoid crest 47
- 46 b Size smaller, forearm under 40, skull without a keel-like lambdaoid crest..... 48
- 47 a Colour dark, above brownish-olive, tips of hair honey-yellow *Eptesicus hottentota*
hottentota
 African Chiroptera name *Eptesicus hottentotus*
- 47 b Colour very light and yellowish, lighter than "clay colour" *Eptesicus hottentota pallidior*
 African Chiroptera name *Eptesicus hottentotus*
- 48 a Forearm 34.5 - 38; skull length form canines 14.7 - 15.7; width of braincase 7.1 - 7.9;
 colour "sayal brown" *Eptesicus melckorum*
 African Chiroptera name *Neoromicia melckorum*
- 48 b Forearm 32.5 - 34.5; skull length 13.5 - 14; width of braincase 6.7 - 7.2; colour
 yellowish-brown *Eptesicus capensis capensis*
 African Chiroptera name *Neoromicia capensis*
- 48 c Forearm 32 - 35; skull length 14 - 14.9; width of braincase 6.8 - 7.2; colour paler
 yellowish-brown and white below *Eptesicus capensis damarensis*
 African Chiroptera name *Neoromicia capensis*
- 48 d Forearm 30-32; skull length 13 - 13.8; width of braincase 6.5 - 7; colour yellowish-
 brown, less whitish below *Eptesicus capensis gracilior*
 African Chiroptera name *Neoromicia capensis*
- 48 e Forearm 31-33.5; skull length 13.3 - 13.5; width of braincase 6.5 - 7; colour paler
 brown, especially below, which is whiter *Eptesicus capensis nkatiensis*
 African Chiroptera name *Neoromicia capensis*
- 49 a Forearm length 49.5 - 58, skull length 20.5 - 23; width of braincase 9.2 - 10.5 50
- 49 b Forearm length 46.5 - 52; skull length 17 - 19.2; width of braincase 8.9 - 9 51
- 50 a Colour white below..... *Scotophilus herero*

- African Chiroptera name *Scotophilus dinganii*
- b Colour lighter yellow below *Scotophilus nigrita dinganii*
(This should be *Scotophilus dinganii*. See Robbins (1978))
- African Chiroptera name *Scotophilus dinganii*
- c Colour darker yellow below *Scotophilus nigrita pondoensis*
- African Chiroptera name *Scotophilus dinganii*
- 51 a Colour dark yellow below *Scotophilus viridis viridis*
- African Chiroptera name *Scotophilus viridis*
- b Colour white below *Scotophilus viridis damarensis*
- African Chiroptera name *Scotophilus leucogaster*
- 52 a Creamy coloured below *Glauconycteris variegata papilio*
- African Chiroptera name *Glauconycteris variegata*
- b White below *Glauconycteris variegata variegata*
- African Chiroptera name *Glauconycteris variegata*
- 53 a Ears very large, over 30 mm in length *Otomops icarus*
- African Chiroptera name *Otomops martiensseni icarus*
- b Ears shorter than 30 mm 54
- 54 a Ears joined at the base, premaxilla fused anteriorly 55
- b Ears separated at the base, premaxilla divided anteriorly 56
- 55 a Forearm under 45 mm, skull length under 18 mm, two premolars above (genus
Chaerephon) 58
- b Forearm over 45 mm, skull length over 18 mm, only one upper premolar *Mops condylurus*
- African Chiroptera name *Mops (Mops) condylurus*
- 56 a Ears pointed, with 3 lower pairs of incisors (genus *Mormopterus*) Null
- b Ears squared, only 2 pairs of lower incisors 56
- 57 a Skull not so flattened, height of braincase about half its width (genus *Tadarida*) ... 59
- b Skull much flattened, height of braincase about one-third of its width (genus
Platymops) 60
- 58 a Middle of lower breast to abdomen white *Chaerephon limbatus limbatus*
- African Chiroptera name *Chaerephon pumilus*
- b White below confined to lower abdomen and border of membrane; colour above
brown to dark brown; crest in MM 4 mm *Chaerephon limbatus elphicki*
- African Chiroptera name *Chaerephon pumilus*
- c White below confined to lower abdomen and border of membranes; colour above
dusky drab, crest in MM 9 mm *Chaerephon limbatus langi*
- African Chiroptera name *Chaerephon pumilus*
- d No pure white below, but whitish; above drab; crest in MM 13 mm *Chaerephon limbatus shorridgei*
- African Chiroptera name *Chaerephon chapini*
- 59 a Lips not wrinkled; colour bright orange-chestnut above and below; larger, forearm 64
..... *Tadarida africana*
- African Chiroptera name *Tadarida ventralis*
- b Lips not wrinkled; colour chocolate-brown to orange-chestnut above and below, but
with a broad white line on the integument from forearm to the pubic region and thence
up to middle of body to the chest; rather smaller, forearm 57 *Tadarida mastersoni*
- African Chiroptera name *Tadarida fulminans*
- c Lips wrinkled; colour chocolate-brown above and below, with the throat darker;
forearm 45, skull length about 19, lower tooththrow 8.3; lower canines in contact
..... *Tadarida rhodesiae*
- African Chiroptera name *Chaerephon ansorgei*
- d Lips wrinkled; colour greyish-brown above and below; forearm 47 - 51.5, skull length
19 - 20.5, lower tooththrow 8 - 8.5; lower canines wide apart *Tadarida aegyptiaca*
- African Chiroptera name *Tadarida aegyptiaca*
- e Lips wrinkled; colour greyish-brown above and below; forearm 42 - 47, skull length
17.3 - 18.6, lower tooththrow 6.8 - 7.5; lower canines wide apart *Tadarida bocagei*
- African Chiroptera name *Tadarida aegyptiaca bocagei*
- 60 a Size larger, forearm 38 - 42, skull length 16.8 - 18, c-m³ series 6.1 - 6.5 61
- b Size smaller, forearm 36 - 37; skull length 16 - 16.4, c-m³ series 5.6 - 5.8 62
- 61 a Colour tawny-olive above, lighter tawny-olive below *Platymops petrophilus petrophilus*

- African Chiroptera name *Sauromys petrophilus petrophilus*
- b Colour paler above, especially on head and neck, more whitish below..... *Platymops petrophilus fitzsimonsi*
- African Chiroptera name *Sauromys petrophilus umbratus*
- c Colour considerably paler above all over, and below much more whitish... *Platymops petrophilus erongensis*
- African Chiroptera name *Sauromys petrophilus erongensis*
- 62 a Colour above pale tawny-olive, below whitish, ears paler brown. *Platymops haagneri haagneri*
- African Chiroptera name *Sauromys petrophilus haagneri*
- b Colour above smoky seal-brown, below paler and more buffy; ears blackish *Platymops haagneri umbratus*
- African Chiroptera name *Sauromys petrophilus umbratus*

Appendix 5e: Malbrant (1952). Faune du Centre African français (Mammifères et Oiseaux).

- 1 a Couronne des molaires aplatie et lisse sans tubercules marqués. Pouce et second doigt des membres antérieurs terminés par des griffes. Taille variable, souvent grande ou très grande mais parfois très petite. Queue absente ou rudimentaire (Sous-ordre des Megachiroptères, Chauves-souris frugivores: Famille Pteropidae). 8
- b Couronne des molaires pourvue de tubercules aigus. Deuxième doigt des membres antérieurs non terminés par une griffe. Queue en général bien développée, incluse au moins en partie dans la membrane interfémorale. Taille faible (Sous-ordre des Microchiroptères, Chauves-souris insectivores). 2
- 2 a Queue à extrémité libre dépassant sensiblement la membrane interfémorale. 3
- b Queue entièrement incluse dans la membrane interfémorale ou ne la dépassant que d'une partie de la dernière vertèbre caudale. 4
- 3 a Un tragus auriculaire petit et arrondi mais bien visible. Pas de feuilles nasales. Museau légèrement allongé. Membres postérieurs glèles. Queue grêle perforant la membrane interfémorale et saillant sur la face supérieure. Oreilles largement séparées (Famille Emballonuridae)..... *Taphozous mauritanus*
- b Tragus auriculaire petit, parfois même rudimentaire. Pas de feuilles nasales. Museau tronqué obliquement. Membres postérieurs trapus. Queue épaisse à la base débordant la membrane interfémorale, qui est étroite, d'au moins un tiers de sa longueur. Oreilles très rapprochées et souvent même reliées entre elles par une bande cutanée sur le front, à bords postérieurs bien descendus sur la joue (Famille Molossidae). 15
- 4 a Pas de feuilles nasales. Un tragus auriculaire grêle et droit. Oreilles en général petites et largement séparées (Famille Vespertilionidae)..... 12
- b Feuilles nasales plus ou moins développées mais toujours présentes. 5
- 5 a Queue beaucoup plus courte que la membrane interfémorale dont elle ne dépasse pas le bord d'insertion. Oreilles très grandes soudées à leur base avec un tragus allongé en pointe et bifurqué. Membranes, oreilles et tragus de couleur orangé. Feuilles nasales bien développées (Famille Megadermidae). *Lavia frons*
- b Queue dépassant le bord d'insertion de la membrane interfémorale. Oreilles plus petites, non soudées à la base. Tragus arrondi quand il existe, ou absent. 6
- 6 a Feuilles nasales présentes. Nez compliqué d'un profond sillon médian longitudinal. Oreilles grandes. Tragus de grandeur variable mais généralement petit. Queue atteignant l'extrémité de la membrane interfémorale et formant un Y renversé à sa jonction avec celle-ci (Famille Nycteridae). *Nycteris aethiopica*
African Chiroptera name *Nycteris macrotis*
- b Feuilles nasales développées et compliquées, affectant, en général la forme d'un fer à cheval. Pas de sillon nasal. Pas de tragus. Queue se terminant en pointe dans la membrane interfémorale. 7
- 7 a Feuilles nasales pourvues d'un lobe aigu à la partie supérieure. Trois phalanges aux orteils II à V (Famille Rhinolophidae). 10
- b Feuilles nasales à lobe supérieur tronqué, non aigu. Deux phalanges seulement aux orteils II à V (Famille Hipposideridae). *Hipposideros caffer* ou *Asellia tridens*.
- 8 a Molaires 5/6. Tête sans taches, ni touffes blanches. Grande taille, Longueur de l'avant-bras comprise entre 110 et 130 mm. Pelage jaunâtre ou brun jaunâtre dans l'ensemble. M1 de la mâchoire supérieure aussi longue que les deux suivantes réunies. *Eidolon helvum*
- b Molaires. 3/5. Tête du mâle souvent pourvue de taches ou de touffes blanches. Taille moyenne. Longueur de l'avant-bras ne dépassant pas 100 mm. Rostre (du bord antérieur de l'orbite à l'extrémité des nasaux) plus long que la largeur palatale au niveau des dernières molaires. 9
- 9 a Dessus brun jaunâtre légèrement teinté de grisâtre, plus clair dessous. *Epomophorus Pousarguesi*
African Chiroptera name *Epomophorus gambianus pousarguesi*
- b Dessus plus clair, café au lait plus ou moins foncé. *Epomophorus gambianus*
- 10 a Taille assez grande. Longueur de l'avant-bras atteignant 50 mm. . *Rhinolophus Foxi*
African Chiroptera name *Rhinolophus fumigatus*
- b Taille plus faible. Longueur de l'avant-bras n'atteignant pas 47 mm. 11

- 11 a Dessous gris manron clair..... *Rhinolophus acrotis* Schwarzzi
African Chiroptera name *Rhinolophus clivosus*
b Dessous jaune. *Rhinolophus Dobsoni*
African Chiroptera name *Rhinolophus landeri*
- 12 a Molaires 5/5. Deux paires d'incisives à la mâchoire supérieure. Première phalange du troisième doigt plus longue que la seconde (Genre *Pipistrellus*). *Pipistrellus deserti* ou *Pipistrellus marrensis* ou *Pipistrellus Rüppelli* ou *Pipistrellus Kuhli*
b Molaires 4/5. Une seule paire d'incisives à la mâchoire supérieure. 13
- 13 a Mésostyle (petit tubercule placé en partie médiane sur le côté externe de la dent) de la première et seconde molaire supérieure réduit, et marque en W formée par les cônes principaux rétrécie en son milieu. Triangle antérieur de la 1re et 2e molaire plus grand que le postérieur (Genre *Scotophilus*). *Scotophilus nigrita leucogaster*
African Chiroptera name *Scotophilus leucogaster*
b Marque en W de la 1re et 2e molaire normale. Triangle antérieur de la première et deuxième molaire plus petit que le postérieur. 14
- 14 a Couronne de la troisième molaire pourvue d'une marque en W (Genre *Scotoecus*).
..... *Scotoecus falabae*
African Chiroptera name *Scotoecus hindei*
b Couronne de la troisième molaire pourvue d'une marque en V (Genre *Scoteinus*).
..... *Scoteinus Schlieffeni*
African Chiroptera name *Nycticeinops schlieffenii*
- 15 a Incisives supérieures séparées; prémaxillaires complets couvrant complètement la zone située entre les incisives médianes. Une touffe de poils sur la nuque chez le mâle. Oreilles unies à leur base par un bandeau interauriculaire bien marqué formant parfois un bourrelet frontal (Genre *Choerophon*). *Chaerophon Websteri*
African Chiroptera name *Chaerophon leucogaster*
b Incisives supérieures en contact l'une avec l'autre..... 16
- 16 a Une émargination profonde entre les incisives médianes s'étendant en arrière de leur racine. Oreilles très rapprochées, parfois même réunies à leur base, mais sans bandeau interauriculaire marqué. Tragus petit, aplati, généralement tronqué et carré à l'extrémité (Genre *Nyctinomus*). *Nyctinomus tongaensis*
b Pas d'émargination entre les incisives médianes, on seulement une petite encoche qui ne s'étend pas en arrière de leur racine. Oreilles nettement séparées à leur base. Tragus assez grand, aplati, généralement arrondi à l'extrémité (Genre *Myopterus*).
..... *Myopterus albatius*
African Chiroptera name *Myopterus daubentonii*

Appendix 5f: Hoogstraal (1962). A brief review of the contemporary land mammals of Egypt (including Sinai). 1. Insectivora and Chiroptera.

- 1 a Second finger with claw. Forearm 88 - 99. Fruit bat. *Rousettus aegyptiacus aegyptiacus*
African Chiroptera name *Rousettus aegyptiacus*
- 2 a Second finger lacking claw. Forearm much shorter. Insectivorous bats. 2
b Tail not projecting through center of membrane. 4
- 3 a Tail projecting through center of membrane. (Genus *Taphozous*) 3
b Lower back furred. Tail 24 - 32. *Taphozous perforatus perforatus*
African Chiroptera name *Taphozous perforatus*
- 4 a Lower back not furred. Tail 35 - 40. *Taphozous nudiventris nudiventris*
African Chiroptera name *Taphozous nudiventris*
- 5 a Muzzle with nose leaf or leaves. 5
b Muzzle lacking nose leaves. 10
- 6 a Nose leaves in three parts. Tail and ears not as following. 7
b Nose leaf single, short triangular. Tail exceedingly long and slender. Ears united (Genus *Rhinopoma*). 6
- 7 a Tail (59 - 80) longer than forearm (54 - 62). *Rhinopoma hardwickei cystops*
African Chiroptera name *Rhinopoma hardwickii*
- 8 a Tail (56 - 71) shorter than forearm (62 - 72). *Rhinopoma microphyllum microphyllum*
African Chiroptera name *Rhinopoma microphyllum*
- 9 a Anterior nose leaf flat against muzzle and not notched anteriorly; posterior nose leaf tridentate. Approximately one-fourth of length of tail extending beyond wing-membrane, Forearm 47 - 53. *Asellia tridens tridens*
African Chiroptera name *Asellia tridens*
- 10 a Anterior nose leaf horizontal and deeply notched anteriorly; posterior nose leaf triangular. Little if any of tail extending beyond wing membrane. (Genus *Rhinolophus*). 8
b Second phalanx of 3rd and 4th fingers more than 1.5 times length of first phalanges; one mental groove. (*Rhinolophus clivosus* subsp.). 9
- 11 a Pale. Forearm 46 - 51. Eastern Desert and Sinai. *Rhinolophus clivosus clivosus*
African Chiroptera name *Rhinolophus clivosus*
- 12 a Dark. Forearm .44 - 48. Nile Valley. *Rhinolophus clivosus brachygnatus*
African Chiroptera name *Rhinolophus clivosus*
- 13 a Second phalanx of 3rd finger more than 1.5 times length of first phalanx, second phalanx of 4th fin-twice length of first phalanx; three mental grooves. Forearm 43 - 50. *Rhinolophus mehelyi*
- 14 c Second phalanges of all fingers 1.5 times (or nearly so) length of first phalanges. Forearm 24 - 38. *Rhinolophus hipposideros minimus*
African Chiroptera name *Rhinolophus hipposideros*
- 15 a Upper lips not wrinkled. Ears with tragus. 12
b Upper lips wrinkled. Ears broad, tragus lacking. Medium to large bats. (Genus *Tadarida*). 11
- 16 a Forearm 50 - 55. *Tadarida aegyptica aegyptiaca*
African Chiroptera name *Tadarida aegyptiaca aegyptiaca*
- 17 a Forearm 59 - 65. *Tadarida teniotis ruppelli*
African Chiroptera name *Tadarida teniotis*
- 18 a Ears much longer than head. 13
b Ears shorter than or only slightly longer than head. 15
- 19 a Muzzle traversed by longitudinal furrow containing nostrils and bordered by valvular folds. Forearm 41 - 47. *Nycteris thebaica thebaica*
African Chiroptera name *Nycteris thebaica*
- 20 b Muzzle not as above. 14
- 21 a Forearm 37.7 - 39.2 *Plecotus auritus christiei*
African Chiroptera name *Plecotus christii*
- 22 a Forearm 57 - 65. *Otonycteris hemprichi hemprichi*
African Chiroptera name *Otonycteris hemprichii*
- 23 a Muzzle with a pair of swellings above nostrils. Ears very close together, almost joined across forehead. Forearm about 40. (Rare, Red Sea area only). *Barbastella*

- leucomelas leucomelas*
- 16 b Muzzle lacking pair of swellings above nostrils. Ears well separated. 16
 - 16 a Two upper incisors. Ears clearly longer than broad. 17
 - 16 b One upper incisor. Ears about as broad as long. Forearm 30 - 32.. (Known only by 2 specimens). *Nycticeius schlieffeni schlieffeni*
African Chiroptera name *Nycticeinops schlieffenii*
 - 17 a Forearm more than 37 (40 - 44). *Eptesicus isabellinus innesi*
African Chiroptera name *Eptesicus bottae*
 - 18 b Forearm less than 37 (30 - 35). (Genus *Pipistrellus*)..... 18
 - 18 a Underparts white, sharply set off from dark brown upper parts. Forearm 30 - 34.
..... *Pipistrellus ruppelli ruppelli*
African Chiroptera name *Pipistrellus rueppellii rueppellii*
 - 18 b Underparts light brown, grading into dark brown upper parts. Outer upper incisor less than one half height of inner upper incisor. Wing periphery usually white. Forearm 30 - 36..... *Pipistrellus kuhli kuhli*
African Chiroptera name *Pipistrellus kuhlii*
 - 18 c Outer upper incisor more than one half height of inner upper incisor. Wing periphery brown. Forearm 30. (Known only from Southeastern Desert). *Pipistrellus ariel*
African Chiroptera name *Hypsugo ariel*

Appendix 5g: Hayman et al. (1966). The bats of the Congo and of Rwanda and Burundi

1	a	Cheekteeth without W-pattern of cusps ; second finger with claw; tail absent or rudimentary (suborder Megachiroptera; fam. Pteropidae).....	8
	b	Cheekteeth with W-pattern of cusps; second finger entirely included in patagium and without claw; tail generally well developed (suborder Microchiroptera)	2
2	a	Tail completely included in uropatagium (in certain forms the last vertebra can be free)	3
	b	Tail not completely included in uropatagium	7
3	a	No nasal appendages; tragus present ; ears not fused in the mediosagittal plane (fam. Vespertilionidae)	51
	b	Nasal appendages present	4
4	a	No tragus; ears not fused mediosagittally	5
	b	Tragus present (sometimes small); ears fused or very close to each other mediosagittally	6
5	a	Posterior leaflet of nose-leaf low, rounded or tridentate (fam. Hipposideridae)	37
	b	Posterior leaflet of nose-leaf high, erect, pointed (fam. Rhinolophidae)	44
6	a	Tail shorter than uropatagium; no postorbital processes; no premaxillae present (fam. Megadermidae).....	<i>Lavia frons</i>
	b	Tail as long as uropatagium; last vertebra Y or T shaped; postorbital process and premaxillae present (fam. Nycteridae)	28
7	a	Basal part of tail included in uropatagium ; distal part of tail resting free on the dorsal side of the uropatagium; ears not fused (fam. Emballonuridae)	24
	b	Distal part of tail not included in uropatagium and not resting on the dorsal side of the uropatagium; ears mostly united to each other by a cutaneous wall (fam. Molossidae)	82
8	a	Tongue simple, fixed to floor of mouth by posterior half, and without unfringed filiform papillae at tip (subfam. Pteropinae).....	9
	b	Tongue more extensible, fixed to floor of mouth by its posterior third, its terminal fourth or fifth covered above with unfringed filiform papillae (subfam. Macroglossinae)	<i>Megaloglossus woermanni</i>
9	a	No white tufts present at base of ears.....	10
	b	White tufts at base of ears	13
10	a	3 upper cheekteeth; forearm 48 - 54 mm	<i>Scotonycteris zenkeri</i>
	b	5 upper cheekteeth	11
11	a	Facial axis of skull not noticeably deflected against basicranial axis; forearm less than 67 mm.....	<i>Myonycteris wroughtoni</i>
		African Chiroptera name	<i>Myonycteris (Myonycteris) torquata wroughtoni</i>
	b	Facial axis of skull more or less strongly deflected against basicranial axis; forearm 75 - 130 mm.....	12
12	a	Forearm 115 - 130 mm; M/1 equal in length to M/2 and M/3 combined; tympanic forming a short auditory meatus; premaxillae spaced in front	<i>Eidolon helvum</i>
	b	Forearm 79 - 99 mm; M/1 shorter than M/2 and M/3 combined; no long auditory meatus; premaxillae in contact or co-ossified in front (g. Rousettus)	18
13	a	Cheekteeth 4/6 unusual weak dentition; interfemoral membrane greatly reduced absence or rudimentary condition of calcar.....	<i>Plerotes anchietae</i>
	b	Cheekteeth 3/5	14
14	a	Distance of anterior border of orbit to tip of nasals much longer than lacrymal breadth	15
	b	Distance of anterior border of orbit to tip of nasals less than lacrymal breadth (at most equal to).....	17
15	a	Postdental palate flattened posteriorly; rostrum long and broad.....	16
	b	Postdental palate deeply depressed posteriorly; rostrum long and narrow (g. <i>Epomophorus</i>)	20
16	a	Rostrum considerably increased in depth; premaxillae ankylosed together anteriorly; lower incisors and canines closing some distance in front of upper; outer ridge of lower molars bilobed or trilobed; upper lip with cutaneous leaves; tail absent; no shoulder pouches or tufts in either sex; forearm 118 - 137 mm.....	<i>Hypsignathus monstrosus</i>

- b Rostrum not deeper than usual; premaxillae in simple contact anteriorly; lower incisors and canines biting against corresponding upper teeth; outer ridge of lower molars simple; muzzle without cutaneous leaves; tail rudimentary; males with shoulder pouches and erectile shoulder tufts; forearm 88 - 96 mm (g. *Epomops*) 22
- 17 a No postzygomatic palate, the mesopterygoid fossa continued forward nearly to level of posterior molar *Casinycteris argynnus*
- b Postzygomatic palate present; soft palate with a deep median groove, narrowing posteriorly (g. *Micropteropus*) 23
- 18 a Pm/1 subequal in bulk to a lower incisor; premaxillae co-ossified braincase slightly deflected; wings from second toe; fur long and silky; forearm 79 - 83.5 mm *Rousettus angolensis*
African Chiroptera name *Lissonycteris angolensis*
- b Pm/1 much larger in bulk than a lower incisor; premaxillae in contact; braincase conspicuously deflected; forearm at least 88.0 mm 19
- 19 a Braincase moderately deflected; width of last upper premolar about 1/3 of palate between fronts of last upper premolars; wings from first toe; antitragal lobe distinct *Rousettus aegyptiacus*
- b Braincase strongly deflected; cheekteeth excessively narrow; width of last upper premolar about 1/5 of that of the palate between fronts of last upper premolars; wings from second toe; antitragal lobe obsolete; fur long and coarse *Rousettus lanosus*
- 20 a One conspicuous postdental palate-ridge; total length skull 44 - 50.5 mm (MM), 47 - 55.5 mm (FF); forearm 72 - 86 mm (FF), 77 - 89 mm (MM) *Epomophorus wahlbergi*
- b Two conspicuous postdental palate-ridges 21
- 21 a Forearm 60 - 65.5 mm; total length skull 35.8 - 39.7 mm; no sexual differences in dimensions *Epomophorus labiatus*
African Chiroptera name *Epomophorus labiatus minor*
- b Forearm 66.5 - 74 mm (FF), 71.5 - 78 mm (MM); total length skull 40 - 45 mm (FF), 46 - 48.8 mm (MM) *Epomophorus anurus*
African Chiroptera name *Epomophorus labiatus*
- c Forearm 79 - 80 mm (FF), 81 - 85.5 mm (MM); total length skull 46 - 49.7 mm (FF), 52 - 55 mm (MM) *Epomophorus crypturus*
African Chiroptera name *Epomophorus gambianus crypturus*
- d Forearm 81 - 86.5 mm (FF), 87 - 93 mm (MM); total length skull 52 - 55 mm (FF), 59.7 - 62 mm (MM) *Epomophorus gambianus*
- 22 a 4 thick prominent interdental and about 5 - 7 thinner postdental palate ridges *Epomops franqueti*
- b 3 thick and prominent interdental palate ridges; postdental palate with two pairs of prominent, triangular ridges at middle and one or a few thin and serrate ridges at palation border *Epomops dobsoni*
African Chiroptera name *Epomops dobsonii*
- 23 a Forearm 50 - 53 mm; total skull length 29 - 29.8 mm *Micropteropus pusillus*
- b Forearm 59 - 63 mm; total skull length 33.2 - 33.4 mm *Micropteropus intermedius*
- 24 a Forearm normally less than 52 mm *Coleura afra*
- b Forearm more than 52 mm 25
- 25 a Forearm more than 80 mm (83 - 96 mm); fur dark to base *Taphozous peli*
African Chiroptera name *Saccolaimus peli*
- b Forearm less than 80 mm; fur light at base 26
- 26 a Forearm more than 70 mm, posterior part of body naked above and below *Taphozous nudiventris*
- b Forearm less than 70 mm; body fully haired 27
- 27 a Dorsally light brown, ventrally light greyish-brown *Taphozous sudani*
African Chiroptera name *Taphozous perforatus sudani*
- b Dorsally grizzled grey, ventrally pure white *Taphozous mauritanus*
- 28 a Second premolar of lower jaw large (equal to or larger than half of the first lower premolar); I¹-2 bifid (I² exceptionally trifold) (*arge*-group) 31
- b Second lower premolar small (smaller than half of the first lower premolar) 29
- 29 a I¹-2 bifid 30
- b I¹-2 trifold (*hispid*a-group) 34
- 30 a Tragus semilunate (*aethiopic*a-group) 35
- b Tragus pyriform (free portion narrowest at base; its outer and inner margin evenly

- convex) (*thebaica*-group) 36
- 31 a Forearm length more than 39 mm; skull length less more 19 mm 32
 b Forearm length less than 38 mm; skull length less than 19 mm 33
- 32 a Forearm length 47.3 - 50 mm; skull length 20.9 - 22.4 mm; ear length measuring 50 - 65 % of forearm length *Nycteris major*
 b Forearm length 39.5 - 46 mm; skull length 19.3 - 20.9 mm; ear length measuring 63 - 77 % of forearm length *Nycteris arge*
- 33 a Forearm length 36.5 - 37 mm; skull length 18 - 18.7 mm; tibia longer than half the forearm length *Nycteris intermedia*
 b Forearm length 32 - 36.2 mm; skull length 15.9 - 16.6 mm; tibia shorter than half the forearm length *Nycteris nana*
- 34 a Forearm length 39 - 43 mm *Nycteris hispida*
 b Forearm length about 57 mm *Nycteris grandis*
- 35 a Ear length 22 - 26 mm *Nycteris aethiopica*
 African Chiroptera name *Nycteris macrotis*
 b Ear length 28 - 34 mm *Nycteris macrotis*
- 36 a Second lower premolar included in the toothrow; forearm length about 45 mm *Nycteris capensis*
 African Chiroptera name *Nycteris thebaica*
 b Second lower premolar on the lingual side of toothrow; forearm length about 47 mm *Nycteris thebaica*
- 37 a Rostrum less than half as long as braincase; nasal inflation inconspicuous; ears low; tridentate nose-leaf small, forearm 31 - 35.0 mm *Cloeotis percivali*
 b Rostrum at least half as long as braincase; nasal inflation conspicuous; ears more prominent; no tridentate nose-leaf; larger, forearm about 42 mm and more (g. *Hipposideros*) 38
- 38 a Ears long and narrow, pointed; cochleae greatly expanded, their width equal to at least 4 times their distance apart 41
 b Ears short, broad, rounded or triangular; cochleae not expanded, their width approximately equal to their distance apart 39
- 39 a Ears rounded or broadly triangular, bluntly pointed upper incisors weak, the outer lobe obsolescent or obsolete; crown area of outer lower incisors equal to or only slightly greater than that of the inner lower incisors 42
 b Ears triangular, pointed upper incisors strong, usually retaining much of the outer lobe; crown area of the outer lower incisors much greater than that of the inner lower incisors 40
- 40 a Ears with a small projection at the antitragal fold; sphenoidal bridge narrow, not concealing lateral apertures; pterygoid wings underdeveloped ; forearm from 58 - 66 mm *Hipposideros abae*
 b Ears without antitragal modification; sphenoidal bridge wide, partially concealing lateral apertures; pterygoid wings expanded; forearm from 78 - 114 mm *Hipposideros commersoni*
- 41 a Smaller, length of forearm less than 74.0 mm; anteorbital foramen relatively large *Hipposideros cyclops*
 b Larger, length of forearm exceeding 74.0 mm; anteorbital foramen relatively small *Hipposideros camerunensis*
- 42 a Posterior nose-leaf without a transverse supplementary structure developed from its posterior face or with such a structure low, undeveloped and lacking a serrated upper edge *Hipposideros fuliginosus*
 b Posterior nose-leaf having a transverse supplementary structure with a serrated upper edge developed from its posterior face 43
- 43 a Anterior upper premolar small, slightly extruded from toothrow, or compressed between canine and second upper premolar *Hipposideros caffer*
 b Anterior upper premolar minute, extruded from toothrow, canine and second upper premolar in contact or nearly so *Hipposideros beatus*
- 44 a First upper premolar placed between the upper canine and second premolar 45
 b First upper premolar missing or very reduced and external to toothrow; the canine and second premolar touching each other or nearly so 49
- 45 a Connecting process of nose-leaf rises to a distinct point 46
 b Connecting process of nose-leaf low or obsolete 47

- 46 a First phalange of fourth finger long, more than half as long as second ... *Rhinolophus blasii*
 b First phalange of fourth finger shorter *Rhinolophus landeri*
- 47 a Connecting process of nose-leaf obsolete; forearm 55 mm or more *Rhinolophus ruwenzorii*
 b Connecting process of nose-leaf low and rounded 48
- 48 a Forearm length 49 - 54 mm; skull length 22.4 - 23.3 mm *Rhinolophus alcyone*
 b Forearm length 40 - 45 mm; skull length 17.6 mm or less..... *Rhinolophus swinnyi*
- 49 a Face and edges of sella naked; forearm length 50 - 56 mm *Rhinolophus clivosus*
 b Face and edges of sella with long hairs 50
- 50 a Forearm 58 - 65 mm *Rhinolophus hildebrandti*
 African Chiroptera name *Rhinolophus hildebrandtii*
 b Forearm 48-58 mm *Rhinolophus fumigatus*
- 51 a Second phalange of third digit nearly 3 times as long as the first (subfam. Miniopterinae; g. *Miniopterus*) 60
 b Second phalange of the third digit shorter 52
- 52 a Ear slightly but evidently funnel-formed; very high braincase (subfam. Kerivoulinae; g. *Kerivoula*) 61
 b Ears largely open at their base and not funnel-formed; normal braincase (subfam. Vespertilioninae) 53
- 53 a 6 Pm and M in upper and lower jaw (g. *Myotis*) 64
 b Less than 6 Pm and M 54
- 54 a 5 Pm and M in upper and lower jaw (g. *Pipistrellus*) 66
 b 4 Pm and M in upper and 5 in lower jaw 55
- 55 a 1 upper incisor 56
 b 2 upper incisors 57
- 56 a M¹ and M² with W-pattern distorted or nearly absent (g. *Scotophilus*) 70
 b M¹ and M² with W-pattern normal (g. *Nycticeius*) 72
- 57 a Ears very enlarged, about 18 mm and more *Laephotis wintoni*
 b Ears normally much less enlarged 58
- 58 a Very short and broad rostrum; the height of the braincase (with the bullae) more than 2/3 of the condylo-basal length; lower lip with fleshy lobes at angle of mouth (g. *Glauconycteris*) 74
 b Height of the braincase (bullae included) much less than the distance from incisors to posterior zygoma root 59
- 59 a Very shortened wings; the third digit not longer than head and body length; skull much flattened *Mimetillus moloneyi*
 b Normal wings; skull not especially flattened (g. *Eptesicus*) 80
- 60 a Forearm 43 - 47 mm *Miniopterus schreibersi*
 African Chiroptera name *Miniopterus schreibersii*
 b Forearm 45 - 50 mm *Miniopterus inflatus*
 c Forearm 37 - 39 mm *Miniopterus minor*
- 61 a Interfemoral fringe scarcely developed 62
 b Interfemoral fringe well developed 63
- 62 a Forearm 34 mm *Kerivoula smithi*
 African Chiroptera name *Kerivoula smithii*
 b Forearm 26 - 30 mm *Kerivoula phalaena*
- 63 a Size larger, forearm 34 - 40 mm; colour bright orange-rufous above, whitish below *Kerivoula argentata*
 b Size smaller, forearm 26 - 34 mm; colour dark grey or brownish above, dusky below *Kerivoula harrisoni*
 African Chiroptera name *Kerivoula lanosa*
- 64 a With dichromatic wing membranes; forearm 52 - 58 mm *Myotis welwitschi*
 African Chiroptera name *Myotis welwitschii*
 b Wing membranes uniformly dark 65
- 65 a Larger, forearm 47 - 51 mm *Myotis tricolor*
 b Smaller, forearm 33 - 40 mm *Myotis bocagei*
 African Chiroptera name *Myotis bocagii*
- 66 a Outer upper incisor greatly reduced ; entire underside white .*Pipistrellus (Scotozous) rüppelli*

- African Chiroptera name *Pipistrellus rueppellii*
 67 b Outer upper incisor not greatly reduced; underside dark or grey-tipped..... 67
 a Outer edge of tragus angular; fur bicolored above and below *Pipistrellus (Pipistrellus) nanus*
 African Chiroptera name *Pipistrellus nanus*
 68 b Outer edge of tragus curved; fur not bicolored above and below 68
 a Fur bicolored below only *Pipistrellus (Pipistrellus) nanulus*
 African Chiroptera name *Pipistrellus nanulus*
 69 b Fur unicolored above and below 69
 a Size extremely small, forearm 23 - 24 mm; skull not flattened *Pipistrellus (Pipistrellus) musciculus*
 African Chiroptera name *Hypsugo musciculus*
 b Size not so reduced, forearm 28 mm ; skull broad and flattened..... *Pipistrellus (Pipistrellus) crassulus*
 African Chiroptera name *Hypsugo crassulus*
 70 a Very large, forearm about 80 mm *Scotophilus gigas*
 African Chiroptera name *Scotophilus nigrita*
 b Smaller, forearm not over 58 mm..... 71
 71 a Forearm 50 - 58 mm; skull total length 18 - 21 mm *Scotophilus nigrita*
 (This should be *Scotophilus dinganii*. See Robbins (1978))
 African Chiroptera name *Scotophilus dinganii*
 b Forearm 43 - 50 mm; skull total length 16 - 18 mm *Scotophilus leucogaster*
 72 a Breadth across upper canines 4 mm; M³ reduced *Nycticeius (Scoteinus) schlieffeni*
 African Chiroptera name *Nycticeinops schlieffenii*
 b Breadth across upper canines 5 mm or more; M³ not reduced 73
 73 a Wing membranes dark *Nycticeius (Scotoecus) hirundo*
 African Chiroptera name *Scotoecus hirundo*
 b Wing membranes light *Nycticeius (Scotoecus) albofuscus*
 African Chiroptera name *Scotoecus albofuscus*
 74 a Wing and interfemoral membranes conspicuously veined ... *Glauconycteris variegata*
 b Wing and interfemoral membranes not conspicuously veined 75
 75 a Body colour black and white *Glauconycteris superba*
 b Body colour not black and white 76
 76 a Wing and interfemoral membranes pale brown..... *Glauconycteris argentata*
 b Wing and interfemoral membranes dark brown..... 77
 77 a No light lateral markings on body; colour dark brown..... *Glauconycteris beatrix*
 b Light lateral markings on body; colour dark brown or pale buff 78
 78 a Colour buffy *Glauconycteris poensis*
 b Colour dark brown..... 79
 79 a White spot on shoulder *Glauconycteris humeralis*
 b White spot on shoulder and white flank band..... *Glauconycteris alboguttata*
 African Chiroptera name *Glauconycteris alboguttata*
 80 a Wings pale 81
 b Wings dark; Forearm 26 - 36 mm..... *Eptesicus capensis*
 African Chiroptera name *Neoromicia capensis*
 81 a Dorsal colour dark brown; forearm 28 - 32 mm *Eptesicus tenuipinnis*
 African Chiroptera name *Neoromicia tenuipinnis*
 b Dorsal colour light brown ; forearm 35 - 38 mm *Eptesicus rendalli*
 African Chiroptera name *Neoromicia rendalli*
 82 a A prominent vertical projection on the zygomatic arch; ears very large, about 38 mm
 *Otomops martiensseni*
 b Not combining these characters..... 83
 83 a 4 post-canine upper cheek teeth, 1 lower incisor; upper incisors in contact with
 canines; ears translucent and widely separated (g. *Myopterus*)..... 86
 b 5 post-canine upper cheek teeth (first upper premolar often minute, sometimes
 deciduous); generally two lower incisors, upper incisors not in contact with canines;
 ears not translucent or widely separated (g. *Tadarida*) 84
 84 a M³ reduced, cusps forming V pattern, 3rd. enamel crest, when present, less than half
 length of 2nd. Ears normally conjoined, sometimes with interaural crest (subgenus
Mops)..... 87

	b	M ³ little reduced, cusps forming W pattern, 3rd. enamel crest little reduced; ears conjoined or separate	85
85	a	Palate normally without conspicuous premaxillary emargination, a small notch may be present, not extending back to level of canine roots; ears conjoined, often with interaural crests (subgenus <i>Chaerephon</i>)	94
	b	Palate with conspicuous premaxillary emargination, extending back to level of canine roots; ears generally separate, without interaural crests (subgenus <i>Tadarida</i>)	100
86	a	Size smaller, forearm 33 - 36 mm	<i>Myopterus whitleyi</i>
	b	Size larger, forearm 51 - 56 mm	<i>Myopterus albatrus</i>
		African Chiroptera name	<i>Myopterus daubentonii</i>
87	a	Size smallest, forearm under 31 mm (28 - 31 mm)	<i>Tadarida (Mops) nanula</i>
		African Chiroptera name	<i>Mops (Xiphonycteris) nanulus</i>
	b	Size larger, forearm longer than 35 mm.....	88
88	a	Size largest, forearm over 59 mm (59 - 66 mm.).....	<i>Tadarida (Mops) midas</i>
		African Chiroptera name	<i>Mops (Mops) midas</i>
	b	Size intermediate, forearm under 59 mm	89
89	a	Ears not joined at base; forearm 52 mm	<i>Tadarida (Mops) niangarae</i>
		African Chiroptera name	<i>Mops (Mops) niangarae</i>
	b	Ears joined at base	90
90	a	Males with paired scent glands bordering penis; forearm 42 - 46 mm <i>Tadarida (Mops) demonstrator</i>	
		African Chiroptera name	<i>Mops (Mops) demonstrator</i>
	b	Males without such glands	91
91	a	Forearm over 45 mm	92
	b	Forearm under 45 mm (37 - 41 mm)	93
92	a	Forearm 45 - 50 mm	<i>Tadarida (Mops) condylura</i>
		African Chiroptera name	<i>Mops (Mops) condylurus</i>
	b	Forearm 52 - 57 mm	<i>Tadarida (Mops) congica</i>
		African Chiroptera name	<i>Mops (Mops) congicus</i>
93	a	Underparts brownish, flanks below deep blackish brown ... <i>Tadarida (Mops) thersites</i>	
		African Chiroptera name	<i>Mops (Xiphonycteris) thersites</i>
	b	Underparts whitish, flanks below not blackish brown	<i>Tadarida (Mops) leonis</i>
		African Chiroptera name	<i>Mops (Xiphonycteris) brachypterus</i>
94	a	Distinct projecting separate lobe or lappet between inner bases of ears..... <i>Tadarida (Chaerephon) major</i>	
		African Chiroptera name	<i>Chaerephon major</i>
	b	Without such a lobe or lappet.....	95
95	a	Size larger, forearm over 40 mm.....	96
	b	Size smaller, forearm under 40 mm	99
96	a	No white lateral band on lower border of wing membrane	97
	b	White lateral band on lower border of wing membrane	98
97	a	Forearm 42 - 46 mm	<i>Tadarida (Chaerephon) russata</i>
		African Chiroptera name	<i>Chaerephon russatus</i>
	b	Forearm 48 - 52 mm	<i>Tadarida (Chaerephon) aloysii-sabaudiae</i>
		African Chiroptera name	<i>Chaerephon aloysiisabaudiae</i>
98	a	Wing membranes dark above ; forearm 44 - 50 mm <i>Tadarida (Chaerephon) nigeriae</i>	
		African Chiroptera name	<i>Chaerephon nigeriae</i>
	b	Wing membranes pale above ; forearm 48 - 50 mm <i>Tadarida (Chaerephon) spillmanni</i>	
		African Chiroptera name	<i>Chaerephon nigeriae spillmanni</i>
99	a	Males with long sharply bicolored interaural crest; forearm 34 - 37 mm..... <i>Tadarida (Chaerephon) chapini</i>	
		African Chiroptera name	<i>Chaerephon chapini</i>
	b	Males with crest, when present, short and not bicolored; forearm 35 - 40 mm; Wing membranes and underside dark or light..... <i>Tadarida (Chaerephon) pumila (including limbata)</i>	
		African Chiroptera name	<i>Chaerephon pumilus</i>
100	a	Size very large, forearm 60 - 66 mm	101
	b	Size smaller, forearm under 53 mm	102
101	a	Little white on ventral surface..... <i>Tadarida (Tadarida) africana</i>	
		African Chiroptera name	<i>Tadarida ventralis</i>

- b Clear white ventral band *Tadarida (Tadarida) fulminans*
 African Chiroptera name *Tadarida fulminans*
- 102 a With pair of cutaneous glands opening on undersurface of tail membrane near tail root
 (in both sexes) ; forearm 44 - 47 mm *Tadarida (Tadarida) cistura*
 African Chiroptera name *Chaerephon bemmellini*
- b Without such glands..... 103
- 103 a With conspicuous black throat patch; forearm 45 - 48 mm..... *Tadarida (Tadarida)*
ansorgei
 African Chiroptera name *Chaerephon ansorgei*
- b Without such throat patch; forearm 52 mm *Tadarida (Tadarida) brunnea*
 African Chiroptera name *Tadarida aegyptiaca bocagei*

Appendix 5h: Hayman and Hill (1971). Order Chiroptera: The mammals of Africa

1	a	Second digit terminating in a claw in all African genera; margin of ear conch forming a complete ring; tragus always absent; interfemoral membrane greatly reduced, little more than a narrow band along inside margin of hind legs; tail absent or rudimentary in all African genera; cheek teeth simple, without well-developed cusp pattern (suborder MEGACHIROPTERA; family PTEROPODIDAE)	2
	b	Second digit without a claw; margin of ear conch not forming a complete ring; tragus generally present (absent in two families); interfemoral membrane generally well-developed; tail generally well-developed (absent in one family); cheek teeth cuspidate with generally clearly defined W-pattern (suborder MICROCHIROPTERA)	37
2	a	Tongue with tip rounded and not densely papillate, not highly extensible; cheek teeth not extremely reduced (subfamily PTEROPODINAE)	3
	b	Tongue with long pointed tip, densely papillate, highly extensible; cheek teeth extremely reduced (subfamily MACROGLOSSINAE) <i>Megaloglossus woermanni</i>	
3	a	Facial pattern of white nose and eye patches	4
	b	No facial pattern as above	5
4	a	Post-dental palate present (genus <i>Scotonycteris</i>)	14
	b	Post-dental palate absent <i>Casinycteris argynnis</i>	
5	a	Ears with white basal tufts.....	6
	b	Ears without white basal tufts.....	11
6	a	Size very large, forearm 118 or more; rostrum very deep, end of muzzle truncated, ending in fleshy plate; no white shoulder tuft in Male	<i>Hypsignathus monstrosus</i>
	b	Size smaller, forearm 45-100; rostrum shallow, end of muzzle simple; white shoulder tuft in adult Male.....	7
7	a	Cheek teeth 4/6, 4/5 or 5/6; interfemoral membrane greatly reduced, no more than a narrow flange; calcar absent	<i>Plerotes anchietai</i>
		African Chiroptera name	<i>Plerotes anchietae</i>
	b	Cheek teeth 3/5; interfemoral membrane well developed, calcar present	8
8	a	Forearm 60 - 100	9
	b	Forearm 45 - 55	10
9	a	Six prominent palatal ridges, not more than two being post-dental; the latter not differentiated from inter-dental ridges; post-dental palate strongly concave posteriorly (genus <i>Epomophorus</i>)	15
	b	Five, or 9-11, palatal ridges, with sometimes from 5 to 7 post-dental; latter strongly differentiated from inter-dental ridges; post-dental palate flattened posteriorly (genus <i>Epomops</i>)	22
10	a	Rostrum broad; 5-6 palatal ridges, obviously divided by median groove (genus <i>Micropteropus</i>)	24
	b	Rostrum slender; 12-13 palatal ridges, only posterior group narrowly divided	<i>Nanonycteris veldkampi</i>
11	a	Forearm generally more than 100; tail present or absent.....	12
	b	Forearm generally under 100; short tail present.....	13
12	a	Forearm generally more than 120; distinctive colour pattern, generally a red or yellowish mantle contrasting strongly with black or cream dorsal region, or entirely black; no sharp demarcation of dorsal fur; no tail occipital region of skull tubular; distribution entirely non-continental (genus <i>Pteropus</i>).....	26
	b	Forearm generally 110 - 130; colour generally tawny, with dorsal fur restricted to narrow median band, sharply demarcated from naked wing membranes; short tail; occipital region not tubular; distribution continental and Madagascar <i>Eidolon helvum</i>	
13	a	Forearm 65 - 102; muzzle longer; M ² not greatly reduced; ruff of stiff hair present or absent on lower neck in adult Male (genus <i>Rousettus</i>)	34
	b	Forearm 55 - 65; muzzle shorter; M ² greatly reduced; ruff of stiff hair on lower neck of adult Male (genus <i>Myonycteris</i>)	36
14	a	Forearm 45 - 55; total skull length 24 - 26; no white tuft at base of ears <i>Scotonycteris zenkeri</i>	
	b	Forearm 74 - 78; total skull length 38 - 40; white tuft at base of ears <i>Scotonycteris ophiodon</i>	
15	a	One post-dental palatal ridge; forearm 77 - 89 (males), 72 - 86 (females) <i>Epomophorus</i>	

		<i>wahlbergi</i>	
	b	Two post-dental palatal ridges	16
16	a	4th palatal ridge midway between 3rd and 5th	17
	b	4th palatal ridge much nearer 3rd than 5th	20
17	a	Smaller, no noticeable sexual size difference; forearm 60 - 66 <i>Epomophorus labiatus</i> African Chiroptera name	<i>Epomophorus labiatus minor</i>
	b	Larger, noticeable sexual size difference; forearm not less than 70 (males), 66 (females).....	18
18	a	Forearm 87 - 93 (males), 81 - 86 (females)	<i>Epomophorus gambianus</i>
	b	Forearm less than above	19
19	a	Forearm 71 - 78 (males), 66 - 74 (females)	<i>Epomophorus anurus</i>
		African Chiroptera name	<i>Epomophorus labiatus</i>
	b	Forearm 81 - 85 (males), 79 - 80 (females)	<i>Epomophorus crypturus</i>
		African Chiroptera name	<i>Epomophorus gambianus crypturus</i>
20	a	6th palatal ridge posterior to middle of post-dental palate; forearm 82 (females)	<i>Epomophorus reii</i>
		African Chiroptera name	<i>Epomophorus labiatus</i>
	b	6th palatal ridge anterior to middle of post-dental palate	21
21	a	Forearm 87 - 91 (males), 82 (females).....	<i>Epomophorus angolensis</i>
	b	Forearm 91 (females)	<i>Epomophorus pousarguesi</i>
		African Chiroptera name	<i>Epomophorus gambianus pousarguesi</i>
22	a	3 thick and prominent interdental palatal ridges, post-dental palate with two pairs of thick ridges, each with two triangular projections; forearm 88 (Male) <i>Epomops dobsoni</i> African Chiroptera name	<i>Epomops dobsonii</i>
	b	4 interdental and 5 - 7 post-dental palatal ridges; latter thin, serrate, arcuate	23
23	a	3rd interdental palatal ridge nearly always undivided; zygomatic breadth about three- fifths total skull length; forearm 88 - 96 (Males), 82 - 93 (Females) <i>Epomops franqueti</i>	
	b	3rd interdental palatal ridge broadly divided in centre; zygomatic breadth about half total skull length; forearm 92 - 100 (Males), 88 - 92 (Females) . <i>Epomops buettikoferi</i>	
24	a	Six palatal ridges; 2nd to 6th narrowly divided medially, arranged in two parallel lines of separate pairs; forearm 63 - 65.8, total skull length 36.5..... <i>Micropteropus grandis</i> African Chiroptera name	<i>Epomophorus grandis</i>
	b	Five palatal ridges.....	25
25	a	2 - 5 palatal ridges, widely separated anteriorly by a deep V-shaped groove, not arranged in separate pairs; smaller, forearm 48 - 54, total skull length c. 30	<i>Micropteropus pusillus</i>
	b	2 - 5 palatal ridges, divided medially, converging posteriorly in clearly separate pairs; larger, forearm 58 - 63.5, total skull length 32 - 33.4.....	<i>Micropteropus intermedius</i>
26	a	Forearm under 100; fur notably woolly and dense; ears hidden in fur (Réunion, Mauritius)	<i>Pteropus subniger</i>
	b	Forearm over 120; fur not woolly and dense; ears not hidden in fur.....	27
27	a	General colour above and below a dark seal-brown or black (sometimes a rufous shoulder spot); ears rounded; forearm 162 - 172 (Comoro Is.) .. <i>Pteropus livingstonei</i> African Chiroptera name	<i>Pteropus livingstonii</i>
	b	Mantle and back with strongly contrasting bicolor pattern; ears pointed.....	28
28	a	Mantle and median spinal tract blackish, contrasting with pale buff flanks; forearm 159 - 171 (Réunion, Mauritius).....	<i>Pteropus niger</i>
	b	Mantle red or yellow, back blackish.....	29
29	a	Forearm under 141	30
	b	Forearm over 141	31
30	a	Forearm 124 - 127 (Rodriguez).....	<i>Pteropus rodricensis</i>
	b	Forearm 130 - 141 (Aldabra I.).....	<i>Pteropus aldabrensis</i>
31	a	Ears longer, 37 - 38; forearm 158 - 171 (Madagascar)	<i>Pteropus rufus</i>
	b	Ears shorter, 32 or less; forearm 143 - 161.....	32
32	a	Ears 21 - 23; forearm 151 - 161 (Pemba I.).....	<i>Pteropus voeltzkowi</i>
	b	Ears 31 - 32	33
33	a	Back sprinkled with grey; forearm 143 - 154 (Seychelles).....	<i>Pteropus seychellensis</i>
	b	Back not sprinkled with grey; forearm 151 - 157 (Comoros: Mafia I.).....	<i>Pteropus comorensis</i>
		African Chiroptera name	<i>Pteropus seychellensis</i>

- 34 a Wings from first toe; hair short and sleek; cheek teeth heavy; forearm generally above 90 (up to 105); premaxillaries in contact, not co-ossified; adult males without collar of stiff hairs (Subgenus *Rousettus*) *Rousettus aegyptiacus*
 b Wings from second toe; hair longer and coarser; cheek teeth reduced in bulk; forearm generally below 90; premaxillaries either in contact, or co-ossified; adult males with or without differentiated collar of stiff hairs 35
- 35 a Braincase strongly deflected; cheek teeth very narrow; premaxillaries not co-ossified; no differentiated collar in adult males; forearm 65 - 90, tibia 39 - 40 (Subgenus *Stenonycteris*) *Rousettus lanosus*
 b Braincase slightly deflected; cheek teeth short and broad; premaxillaries co-ossified; collar of stiff hairs in adult males; forearm 66 - 83, tibia 25 - 34 (Subgenus *Lissonycteris*) *Rousettus angolensis*
 African Chiroptera name *Lissonycteris angolensis*
- 36 a Canines not shortened; lower canines clearly longer than P/3; outer and inner ridges of P/4 fused anteriorly; cheek teeth lighter; no sagittal crest (Subgenus *Myonycteris*) *Myonycteris torquata*
 African Chiroptera name *Myonycteris (Myonycteris) torquata*
 b Canines unusually shortened; lower canines conspicuously shorter than P/3; outer and inner ridges of P/4 widely separated; cheek teeth heavier; sagittal crest present (Subgenus *Phygetis*) *Myonycteris brachycephala*
 African Chiroptera name *Myonycteris (Phygetis) brachycephala*
- 37 a Tragus present (small in Molossidae) 38
 b Tragus absent 45
- 38 a Tail with terminal portion projecting to a marked degree free of interfemoral membrane 39
 b Tail entirely enclosed within interfemoral membrane (exceptions in *Asellia* and *Hipposideros jonesi*, both Hipposideridae, both with a slight degree of terminal projection); or entirely absent 42
- 39 a Free terminal portion of tail emerges above middle of upper surface of interfemoral membrane (family EMBALLONURIDAE) 47
 b Free terminal portion of tail projecting considerably beyond hind margin of interfemoral membrane 40
- 40 a Free portion of tail very slender and very long, much longer than interfemoral membrane (family RHINOPOMATIDAE; genus *Rhinopoma*) 46
 b Free terminal portion of tail stout, not appreciably longer than interfemoral membrane 41
- 41 a Sessile disc on thumb; ear with basal stalked mushroom-shaped process (family MYZOPODIDAE) *Myzopoda aurita*
 b Without such disc or process (family MOLOSSIDAE) 171
- 42 a Tail absent; nose-leaf present (family MEGADERMATIDAE) 65
 b Tail always present; nose-leaf present or absent 43
- 43 a Muzzle without nose-leaves of any kind (family VESPERTILIONIDAE) 100
 b Muzzle with nose-leaves 44
- 44 a Muzzle with deep central longitudinal slit lined with fleshy dermal outgrowths (family NYCTERIDAE) 55
 b Face with well-developed nose-leaves covering muzzle 45
- 45 a Posterior leaflet of nose-leaf subtriangular, with erect pointed tip; toes with three phalanges (family RHINOLOPHIDAE; genus *Rhinolophus*) 66
 b Posterior leaflet of nose-leaf with upper edge either elliptical in outline, or tridentate; toes with two phalanges (family HIPPOSIDERIDAE) 82
- 46 a Forearm generally over 60 (maximum 75); tail nearly always shorter than forearm; nasal inflation of skull relatively smaller *Rhinopoma microphyllum*
 b Forearm generally under 60 (minimum 46); tail generally longer than forearm; nasal inflation of skull relatively larger *Rhinopoma hardwicki*
 African Chiroptera name *Rhinopoma hardwickii*
- 47 a 4 lower incisors; 2 upper incisors (very minute, often absent); forearm more than 57; gular sac present or absent (genus *Taphozous*) 49
 b 6 lower incisors; 2 or 4 upper incisors; forearm not more than 57; no gular sac 48
- 48 a 2 upper incisors; forearm 45 - 57 (genus *Coleura*) 54
 b 4 upper incisors; forearm 38 *Emballonura atrata*

- 49 a Forearm not exceeding 70; skull with deep frontal depression; radio-metacarpal pouch present; bullae incomplete; total skull length at least 20, up to 22.5 (Subgenus *Taphozous*)..... 51
 b Forearm exceeding 70; skull with frontal depression shallow; bullae complete or incomplete; total skull length 26 - 33..... 50
- 50 a Forearm 70 - 75 (in S.W. Asia up to 82); skull 26 - 28; radio-metacarpal pouch present; bullae incomplete; body not fully haired, rump and pygal areas naked *Taphozous (Liponycteris) nudiventris*
 African Chiroptera name *Taphozous nudiventris*
 b Forearm 84 - 95; skull 30 - 33; bullae complete; no radio-metacarpal pouch; body fully haired..... *Taphozous (Saccolaimus) peli*
 African Chiroptera name *Saccolaimus peli*
- 51 a Entire dorsal fur conspicuously grizzled greyish; entire ventral surface clear white; forearm 58 - 64; large gular sac in male..... *Taphozous (Taphozous) mauritanus*
 African Chiroptera name *Taphozous mauritanus*
 b Dorsal fur never grizzled, either unicolor brownish or white-based with brownish tips; ventral surface either dusky or only partially white; forearm 60 or more; gular sac present or absent..... 52
- 52 a Adult male with conspicuous blackish-brown throat patch contrasting strongly with pale undersurface; Female with slight blackish wash on throat; wings whitish; no gular sac; underside often clear white except for throat area; forearm 65 - 70... *Taphozous (Taphozous) hildegardeae*
 African Chiroptera name *Taphozous hildegardeae*
 b No blackish throat patch; underside generally dusky, not whitish; wings either whitish or dark; forearm 60 - 67 53
- 53 a Skull very broad and heavily built; body and wings very dark; naked gular patch in Females (Male not known); forearm 66..... *Taphozous (Taphozous) hamiltoni*
 African Chiroptera name *Taphozous hamiltoni*
 b Skull not broad or heavily built; wings dark or pale, body paler; no gular patch in either sex; forearm 60 - 67 *Taphozous (Taphozous) perforatus*
 African Chiroptera name *Taphozous perforatus perforatus*
- 54 a Forearm generally below 52, not or only a little more than three times skull length *Coleura afra*
 b Forearm generally over 52 (maximum 57), more than 31 times skull length .. *Coleura seychellensis*
- 55 a Posterior lower premolar very small, its tip reaching approximately to cingulum of anterior premolar; no marked concavity at centre of the posterior margin of tragus 56
 b Posterior lower premolar large, its height equal or almost equal to that of anterior cusp of first molar; marked concavity at centre of posterior margin of tragus (*arge* group) 63
- 56 a Upper incisors trifid (tragus falciform or semilunate) (*hispidus* group)..... 57
 b Upper incisors bifid (tragus semilunate or pyriform) 58
- 57 a Forearm 36 - 45, ear 18 - 25 *Nycteris hispidus*
 b Forearm 57 - 66, ear 28 - 35 *Nycteris grandis*
- 58 a Tragus semi-lunate, base of its posterior margin not notched (*aethiopica* group) .. 59
 b Tragus pyriform, base of its posterior margin shallowly notched (*thebaica* group) . 62
- 59 a General colour greyish (forearm 37 - 42, ear 29 - 34) *Nycteris woodi*
 b General colour brownish 60
- 60 a Forearm 38 - 43, ear 19.2 - 21 *Nycteris parisii*
 b Forearm above 43, ear above 21 61
- 61 a Forearm 45 - 52, ear 22 - 28 *Nycteris aethiopica*
 African Chiroptera name *Nycteris macrotis*
 b Forearm 45 - 50, ear 28 - 34 *Nycteris macrotis*
- 62 a Forearm 42 - 52, ear 28 - 37 *Nycteris thebaica*
 b Forearm 39 - 43, ear 25 - 28 *Nycteris gambiensis*
- 63 a Forearm 32 - 36, ear 20 - 22 *Nycteris nana*
 b Forearm 36 and more, ear above 22..... 64
- 64 a Forearm 36 - 46, ear 28 - 33 *Nycteris arge*
 b Forearm 47 - 50, ear 27 - 32 *Nycteris major*
 African Chiroptera name *Nycteris macrotis*
- 65 a Noseleaf small, evenly rounded above, not more than 10 mm long; tragus with inner

- lobe quadrate or rounded, outer lobe pointed but less than half length of ear
 *Cardioderma cor*
- 66 b Noseleaf long, bluntly truncated at tip, about 20 mm long; tragus with inner lobe sharply pointed, outer lobe pointed and more than half length of ear *Lavia frons*
- 66 a Connecting process behind sella obsolescent, barely marked, very low; antitragus greatly developed..... 67
- 67 b Connecting process behind sella always well-developed, either rounded, erect or long and narrow; antitragus not greatly developed 68
- 67 a Forearm 57 - 68 (generally 63 and over); antitragus with anterior emargination and basal spur *Rhinolophus maclaudi*
- 67 b Forearm 55 - 57; antitragus without anterior emargination and basal spur *Rhinolophus ruwenzorii*
- 68 a Face and/or lateral margins of sella liberally furnished with long hairs; connecting process low, rounded; greatest breadth of horseshoe generally over 9 69
- 68 b Sella naked; connecting process rounded or pointed; greatest breadth of horseshoe generally under 9 70
- 69 a Forearm 62 - 67 *Rhinolophus hildebrandti*
 African Chiroptera name *Rhinolophus hildebrandtii*
- 70 b Forearm 50 - 60 *Rhinolophus fumigatus*
- 70 a Forearm less than 40; connecting process low and blunt; sella cuneate. *Rhinolophus hipposideros*
- 71 b Forearm over 40, except in *R. denti* knorri with forearm 37.5 to 40.5, but with erect connecting process and sella parallel-sided..... 71
- 71 a Anterior upper premolar, when present, external to toothrow; canine and p⁴ in contact; connecting process bluntly pointed..... 72
- 71 b Anterior upper premolar in toothrow; canine and p⁴ not in contact; connecting process blunt or sharply pointed 73
- 72 a Forearm 50 - 57 (See notes below under *R. clivosus*) *Rhinolophus clivosus*
- 72 b Forearm 45 - 50 *Rhinolophus darlingi*
- 72 c Forearm 53 - 60 *Rhinolophus ferrumequinum*
- 73 a 1st phalanx of 4th finger notably shortened in relation to metacarpal length 74
- 73 b 1st phalanx of 4th finger not notably shortened in relation to metacarpal length 76
- 74 a Connecting process rising to erect point; axillary glandular sac in many adult males 75
- 74 b Connecting process lower; rounded; no axillary sac; forearm 45 - 48 *Rhinolophus alticolus*
 African Chiroptera name *Rhinolophus simulator*
- 75 a Forearm 40 - 48 *Rhinolophus landeri*
- 75 b Forearm 49 - 54 *Rhinolophus alcyone*
- 76 a Connecting process rises to high and narrow horn 77
- 76 b Connecting process with low, bluntly pointed tip 79
- 77 a Sella cuneate or wedge-shaped; no marked contrast between crown areas of anterior and posterior lower premolars; forearm 44 - 48 *Rhinolophus blasii*
- 77 b Sella parallel-sided; strong contrast between crown area of anterior and posterior lower premolars 78
- 78 a Posterior lancet of noseleaf gradually narrowing; forearm 45 - 50 *Rhinolophus euryale*
- 78 b Posterior lancet of noseleaf abruptly narrowing to linear tip; forearm 48 - 51
 *Rhinolophus mehelyi*
- 79 a Larger, forearm 47 - 51; skull 20 or more *Rhinolophus capensis*
- 79 b Smaller, forearm 40 - 46; skull 18.7 or less 80
- 80 a Sella broader; ears longer *Rhinolophus simulator*
- 80 b Sella narrower; ears shorter 81
- 81 a Front edge of connecting process almost concave; lancet with sides almost convex; fur whitish at base *Rhinolophus denti*
- 81 b Front edge of connecting process convex; lancet with sides concave, tip pointed; fur nearly unicolored *Rhinolophus swinyi*
- 82 a Posterior leaflet on noseleaf simple in outline, elliptical or rounded, not tridentate; ears either separate or united by low band; rostrum at least half as long as braincase; small upper premolar present, with one exception, i.e. *H. megalotis*; zygoma not greatly expanded; forearm 34 - 115 (genus *Hipposideros*) 85
- 82 b Posterior leaflet of noseleaf tridentate; ears always separate; small upper molar

- present or absent; rostrum sometimes less than half as long as braincase; zygoma not or greatly expanded; forearm 31 - 54 83
- 83 a Tail projecting up to 7 mm beyond end of interfemoral membrane; ears large, 18 - 20, with pointed tip; small upper premolar absent; rostrum at least half as long as braincase; zygoma not greatly expanded; forearm 44 - 54 (genus *Asellia*) 96
- b Tail not projecting beyond end of interfemoral membrane; small upper premolar present..... 84
- 84 a Size very small, forearm 31 - 35; ears very low, rounded, rim-like, 8; noseleaf small and inconspicuous; thumbs minute; rostrum less than half length of braincase; zygoma not greatly expanded *Cloeotis percivali*
- b Size larger, forearm 50 - 54; ears short, 10 - 14, but pointed; noseleaf conspicuous; thumbs normal; rostrum more than half length of braincase; zygoma greatly expanded into wide plate; upper incisors bifid (genus *Triaenops*)..... 97
- 85 a Size very small, forearm less than 40 (34 - 38); ears very large, more than half length of forearm, linked at base by low fold of integument across crown; p² absent *Hipposideros megalotis*
- b Size larger, forearm more than 40; ears not obviously linked in any way; p² present 86
- 86 a Posterior and central noseleaves each bearing a median club-shaped process; size large, forearm 59 - 76; ears narrow and pointed; prominent longitudinal frontal sac in both sexes; colour very distinctive, fur blackish brown with tips frosted with greyish 87
- b Noseleaf without club-shaped process; frontal sacs present or absent 88
- 87 a Forearm 59 - 71 *Hipposideros cyclops*
- b Forearm 74 - 76 *Hipposideros camerunensis*
- 88 a Noseleaf with enlarged pad-like internarial septum, partly concealing nostrils 89
- b Internarial septum not enlarged, not concealing nostrils 91
- 89 a Posterior part of noseleaf elongated, subtriangular in outline; internarial septum large, broader than long; ears very large, about half length of forearm; forearm 44 - 55; no frontal sac *Hipposideros jonesi*
- b Posterior part of noseleaf f usual low arched outline; internarial septum smaller, longer than broad; ears less than half forearm length; frontal sac present 90
- 90 a Two poorly developed lateral leaflets; forearm 42 - 47 *Hipposideros curtus*
- b One rudimentary supplementary lateral leaflet; forearm 40 - 41 *Hipposideros marisae*
- 91 a Size very large, forearm 79 - 115; ears very narrow and pointed; longitudinal frontal sac in both sexes *Hipposideros commersoni*
- b Size moderate, forearm 40 - 66; ears broad..... 92
- 92 a Three secondary lateral leaflets; forearm 58 - 66; frontal sac in both sexes *Hipposideros abae*
- b Two secondary lateral leaflets; forearm 41 - 64; frontal sac present or absent..... 93
- 93 a Frontal sac absent; forearm 59 - 64 *Hipposideros fuliginosus*
- b Frontal sac present, opening transversely; forearm 41 - 58 94
- 94 a Forearm normally 41 - 44, exceptionally to 47; tail 19 - 25..... *Hipposideros beatus*
- b Forearm 44 - 58: tail 30 or more 95
- 95 a Forearm generally less than 48; colour greyish, or pale orange when in bright phase; median posterior narial compartment narrow, with wide lateral inflations *Hipposideros caffer*
- b Forearm generally exceeding 48; colour brownish, or rufous when in bright phase; median posterior narial compartment wide with narrow lateral inflations *Hipposideros ruber*
- 96 a Forearm 45 - 51 *Asellia tridens*
- b Forearm 38 - 41 *Asellia patrizii*
- 97 a Internal border of ear deeply notched; external lobes of trident deeply notched at external base; ears small, c. 12 - 14; forearm over 50 (51 - 55) 98
- b Internal border of ear not notched; external lobes of trident not notched basally; ears large, c 17; forearm under 50 (42 - 47) *Triaenops furculus*
- 98 a Colour pale (in both phases); mainland..... *Triaenops persicus*
- b Colour darker (in both phases); Madagascar 99
- 99 a Colour reddish *Triaenops rufus*
- b Colour greyish-brown *Triaenops humbloti*
- African Chiroptera name *Triaenops rufus*

- 100 a Second phalanx of third digit not especially elongated..... 101
 b Second phalanx of third digit about three times as long as first; braincase high and rounded (subfamily MINIOPTERINAE; genus *Miniopterus*) 168
- 101 a Ears not funnel-shaped, without deep emargination below tip; tragus short and broad, or long and narrow, but not sharply pointed; braincase not particularly high and rounded (subfamily VESPERTILIONINAE) 102
 b Ears funnel-shaped, with deep emargination below tip; tragus long, narrow, sharply pointed; braincase high and rounded (subfamily KERIVOULINAE; genus *Kerivoula*) . 161
- 102 a Six upper, six lower cheek teeth on each side (genus *Myotis*) 113
 b Less than six upper and six lower cheek teeth 103
- 103 a Five upper, six lower cheek teeth; ears much longer than head, nearly equal in length to forearm, joined by low band across crown *Plecotus austriacus*
 b Five upper, five lower cheek teeth; ears not lengthened 104
 c Four upper, five lower cheek teeth; ears only exceptionally notably lengthened.. 107
- 104 a Two upper incisors on each side..... 105
 b One upper incisor on each side (genus *Nycticeius*) (in part) 124
- 105 a Wing with fifth finger shortened, barely longer than metacarpals of 4th and 3rd (genus *Nyctalus*)..... 126
 b Wing with fifth finger not shortened..... 106
- 106 a Ears not joined at base (genus *Pipistrellus*) 127
 b Ears joined at base (genus *Barbastella*) 150
- 107 a Two upper incisors on each side..... 108
 b One upper incisor on each side 111
- 108 a Wing extremely narrow, third digit not longer than head and body; skull flattened; tragus extremely short and blunt..... *Mimetillus moloneyi*
 b Wing not narrowed; skull not flattened; tragus not extremely short and blunt..... 109
- 109 a Rostrum very short and broad; braincase very high more than two-thirds of condylobasal length; lower lip with lobe at posterior angle; frequently with body pattern of spots and/or stripes, or conspicuous reticulation of wing membranes (genus *Glauconycteris*) 151
 b Rostrum not shortened; braincase not elevated; no body or wing pattern..... 110
- 110 a Ear 18 or more, about half length of forearm..... *Laephotis wintoni*
 b Ears under 18, much less than half length of forearm (genus *Eptesicus*)..... 137
- 111 a Ears very large, ore than half length of forearm, separate; pelage almost white *Otonycteris hemprichi*
 African Chiroptera name *Otonycteris hemprichii*
 b Ear not enlarged; pelage brownish..... 112
- 112 a Size larger, forearm not less than 46; 1st and 2nd upper molars with W-pattern obsolescent; tragus long and tapering (genus *Scotophilus*) 159
 b Size smaller, forearm under 46; 1st and 2nd upper molars with normal W-pattern; tragus either sickle-shaped or short and broad (genus *Nycticeius*) 124
- 113 a Size larger, forearm above 52..... 114
 b Size smaller, forearm 52 or less..... 115
- 114 a Wing and interfemoral membranes not parti-coloured..... *Myotis (Myotis) blythii*
 African Chiroptera name *Myotis blythii*
 b Wing, interfemoral membranes and forearm conspicuously parti-coloured (black and red) *Myotis (Chrysopteron) welwitschii*
 African Chiroptera name *Myotis welwitschii*
- 115 a Wings with glands; first two upper premolars greatly reduced and closely crowded together laterally (subgenus *Cistugo*)..... 118
 b Wings without glands; first two upper premolars not greatly reduced, not crowded together laterally 116
- 116 a Feet enlarged, more than half length of tibia *Myotis (Leuconoe) capaccinii*
 African Chiroptera name *Myotis capaccinii*
 b Feet not enlarged, not more than half length of tibia 117
- 117 a Ears not lengthened; calcar usually with lobe; forearm 32 - 52 (subgenus *Selysius*) .. 119
 b Ears lengthened; calcar unlobed; forearm c. 38..... *Myotis (Isotus) nattereri*
 African Chiroptera name *Myotis nattereri*

- 118 a Size smaller, forearm 32.5 - 2.9 *Myotis (Cistugo) seabrai*
 African Chiroptera name [Cistugo seabrae](#)
- b Size larger, forearm 34.5 *Myotis (Cistugo) lesueuri*
 African Chiroptera name [Cistugo lesueuri](#)
- 119 a Size larger, forearm 47 - 52 *Myotis (Selysius) tricolor*
 African Chiroptera name [Myotis tricolor](#)
- b Size smaller, forearm less than 47 120
- 120 a Canines (upper and lower) much reduced, subequal in length to third premolars; tail long, equal to head and body length; braincase sharply elevated above rostrum; forearm 38 - 40 *Myotis (Selysius) scotti*
 African Chiroptera name [Myotis scotti](#)
- b Canines not reduced; tail length and braincase not as above 121
- 121 a Size smaller, forearm about 34 (32 - 35) *Myotis (Selysius) mystacinus*
- b Size medium, forearm 35 - 45 122
- 122 a Posterior border of ear with conspicuous angular emargination; forearm about 40 (37 - 43) *Myotis (Selysius) emarginatus*.
 African Chiroptera name [Myotis emarginatus](#)
- b Ear without conspicuous emargination 123
- 123 a Colour typically orange-rufous above; tragus blunt-tipped, not sharply pointed; forearm 36 - 40 *Myotis (Selysius) bocagei*
 African Chiroptera name [Myotis bocagei](#)
- b Colour brown, not orange-rufous; tragus tapering to sharp point; forearm 36 - 45 *Myotis (Selysius) goudoti*
 African Chiroptera name [Myotis goudoti](#)
- 124 a Skull with rostrum not broadened; palatal emargination narrow; upper cheek teeth four only; anterior lower premolar about half the size (in crown area) of the next premolar; upper canines with rounded anterior surface; tragus halfmoon-shaped; penis not enlarged; forearm 29 - 33 *Nycticeius (Scoteinus) schlieffeni*
 African Chiroptera name [Nycticeinops schlieffenii](#)
- b Skull with rostrum notably broadened, particularly across lachrymals; palatal emargination broader; upper cheek teeth four or five; lower premolars equal in crown area; upper canines with broad flat anterior face; tragus short and broad; penis greatly lengthened; forearm 28 - 38 (subgenus *Scotoecus*) 125
- 125 a Wings dark; four or five upper cheek teeth *Nycticeius (Scotoecus) hirundo*
 African Chiroptera name [Scotoecus hirundo](#)
- b Wings pale; four upper cheek teeth *Nycticeius (Scotoecus) albofuscus*
 African Chiroptera name [Scotoecus albofuscus](#)
- 126 a Size larger; forearm 47-55 *Nyctalus noctula*
- b Size smaller; forearm 43 *Nyctalus verrucosus*
 African Chiroptera name [Nyctalus leisleri](#)
- 127 a Inner upper incisor unicuspid or not very deeply bifid; ventral surface brown or grey (subgenus *Pipistrellus*) 128
- b Inner upper incisors deeply bifid; ventral surface pure white .. *Pipistrellus (Scotozous) rueppelli*
 African Chiroptera name [Pipistrellus rueppellii](#)
- 128 a Tragus hatchet-shaped (with sharp angle on posterior border) *Pipistrellus (Pipistrellus) nanus*
 African Chiroptera name [Pipistrellus nanus](#)
- b Tragus not hatchet-shaped (no sharp angle on posterior border) 129
- 129 a Tragus with greatest width equal to half length of anterior border *Pipistrellus (Pipistrellus) savii*
 African Chiroptera name [Hypsugo savii](#)
- b Tragus with greatest width much less than half length of anterior border 130
- 130 a Pelage unicoloured above and below 131
- b Pelage not unicoloured above and below 132
- 131 a Skull very broad and flat; forearm 28 *Pipistrellus (Pipistrellus) crassulus*
 African Chiroptera name [Hypsugo crassulus](#)
- b Skull very small, rounded, with short rostrum and high braincase; forearm 24 - 25 *Pipistrellus (Pipistrellus) musciculus*
 African Chiroptera name [Hypsugo musciculus](#)

- 132 a Pelage unicoloured above, bicoloured below 133
 b Pelage bicoloured above and below 134
- 133 a Size small, forearm 25.5 - 31.0, total length of skull 11.6 - 11.8, skull with uninflated supraorbital region *Pipistrellus (Pipistrellus) nanulus*
 African Chiroptera name *Pipistrellus nanulus*
 b Size large, forearm 33.7 - 35.1, total length of skull 14.0 - 14.3, skull with supraorbital region expanded laterally *Pipistrellus (Pipistrellus) eisentrauti*
 African Chiroptera name *Hypsugo eisentrauti*
- 134 a Both upper incisors conical and unicuspid; small upper premolar unusually minute, often hidden by gum *Pipistrellus (Pipistrellus) ariel*
 African Chiroptera name *Hypsugo ariel*
 b Upper incisors not as above; small upper premolar not unusually minute 135
- 135 a Outer upper incisors less than half height of inner incisor; large upper premolar in contact with canine; white border to wing membrane.... *Pipistrellus (Pipistrellus) kuhli*
 African Chiroptera name *Pipistrellus kuhlii*
 b Outer upper incisor more than half height of inner incisor; large upper premolar well separated from canine by small upper premolar . *Pipistrellus (Pipistrellus) pipistrellus*
 African Chiroptera name *Pipistrellus pipistrellus*
- 136 a Forearms, hind legs and tail without horny excrescences on upper surface (subgenus *Eptesicus*) 137
 b Forearm, hind legs and tail sprinkled with horny excrescences on upper surface (subgenus *Rhinopterus*) 148
- 137 a Wing membranes white or translucent 138
 b Wing membranes dark 140
- 138 a Dorsal pelage blackish-brown, in strong contrast to pale wings; forearm under 32 *Eptesicus (Eptesicus) tenuipinnis*
 African Chiroptera name *Neoromicia tenuipinnis*
 b Dorsal pelage pale to medium brown, not in strong contrast to pale wings; forearm over 32 139
- 139 a Pelage buffy-brown above, dirty white below; forearm 34 - 38; inner upper incisors with basal cusp *Eptesicus (Eptesicus) rendalli*
 African Chiroptera name *Neoromicia rendalli*
 b Pelage nearer reddish-brown above, paler brown below; forearm c. 33; inner upper incisors without accessory cusp *Eptesicus (Eptesicus) brunneus*
 African Chiroptera name *Neoromicia brunneus*
- 140 a Size larger, forearm more than 40 141
 b Size smaller, forearm less than 40 145
- 141 a Inner upper incisors unicuspid; colour dark brown; forearm 46 - 53 *Eptesicus (Eptesicus) hottentotus*
 African Chiroptera name *Eptesicus hottentotus*
 b Inner upper incisors bicuspid 142
- 142 a Tragus broad and blunt; forearm 46 - 51 *Eptesicus (Eptesicus) platypus*
 African Chiroptera name *Eptesicus platypus*
 b Tragus narrow 143
- 143 a Size larger, forearm 49 - 53 *Eptesicus (Eptesicus) serotinus*
 African Chiroptera name *Eptesicus serotinus*
 b Size smaller, forearm 40 - 46 144
- 144 a Forearm 46; colour above pale brown, below greyish brown *Eptesicus (Eptesicus) loveni*
 African Chiroptera name *Myotis tricolor*
 b Forearm 40 - 43; colour above pale buffy, below white .. *Eptesicus (Eptesicus) bottae*
 African Chiroptera name *Eptesicus bottae*
- 145 a Forearm 34.5 - 38 *Eptesicus (Eptesicus) melckorum*
 African Chiroptera name *Neoromicia melckorum*
 b Forearm 35 or less 146
- 146 a Cranial portion of skull elevated above rostrum *Eptesicus (Eptesicus) zuluensis*
 African Chiroptera name *Neoromicia zuluensis*
 b Cranial portion of skull not elevated above rostrum 147
- 147 a Size smallest, forearm 26 - 29 *Eptesicus (Eptesicus) pusillus*
 b Size medium, forearm 30 - 32; skull lacking posterior occipital "helmet" *Eptesicus*

- (*Eptesicus*) *somalicus*
 African Chiroptera name *Neoromicia somalicus*
 c Size larger, forearm 29 - 35; skull with posterior occipital "helmet" *Eptesicus*
- (*Eptesicus*) *capensis*
 African Chiroptera name *Neoromicia capensis*
 148 a Colour pale fawn above, buff or whitish below 149
 b Colour brown above and below *Eptesicus (Rhinopterus) notius*
 African Chiroptera name *Neoromicia capensis*
 149 a Colour buff below *Eptesicus (Rhinopterus) floweri*
 African Chiroptera name *Eptesicus floweri*
 b Colour whitish below *Eptesicus (Rhinopterus) lowei*
 African Chiroptera name *Eptesicus floweri*
- 150 a Posterior border of ear with small projecting lobe *Barbastella barbastellus*
 b Posterior border of ear without projecting lobe *Barbastella leucomelas*
- 151 a Wing and tail membranes conspicuously reticulated by pigmentation of veining; no pale flank-stripe 152
 b Wing and tail membranes not reticulated; either translucent or blackish-brown; pale flank-stripe sometimes present 153
- 152 a Dorsal colour pale buff or light tawny, head and neck generally paler; forearm 41 - 45 *Glauconycteris variegata*
 b Dorsal colour, including head and neck, dark brown; forearm 46 *Glauconycteris machadoi*
- 153 a Wing and tail membranes pale, translucent; dorsal colour clay-buff; pale cream flank-stripe usually present; forearm 41 - 43 *Glauconycteris argentata*
 b Wing and tail membranes blackish brown 154
- 154 a Body colour, above and below, black with conspicuous pattern of white stripes and spots; forearm 47 *Glauconycteris superba*
 b Body colour never black and white 155
- 155 a Pale flank-stripe or shoulder-spot or both generally present 156
 b Stripes or spots as above generally absent 158
- 156 a Body colour greyish fawn above and below, shoulder-spot and/or flank-stripe usually present; forearm 36 - 40 *Glauconycteris poensis*
 b Body colour brown above and below 157
- 157 a Shoulder-spot only; body colour hair brown; forearm 35 - 40 *Glauconycteris humeralis*
 b Shoulder-spot and/or flank-stripe; body colour seal brown; forearm 41 *Glauconycteris alboguttatus*
 African Chiroptera name *Glauconycteris alboguttata*
- 158 a Colour uniformly dark brown above and below; ears short, rounded; forearm 39 *Glauconycteris beatrix*
 b Colour as above; ears large, subquadrangular; forearm 38 *Glauconycteris egeria*
- 159 a Size very large, forearm 75 - 80; total skull length 30 or more *Scotophilus gigas*
 African Chiroptera name *Scotophilus nigrita*
 b Size smaller, forearm 43 - 65 160
- 160 a Forearm 50 - 65; skull 20 - 23 *Scotophilus nigrita*
 (This should be *Scotophilus dinganii*. See Robbins (1978))
 African Chiroptera name *Scotophilus dinganii*
 b Forearm 43 - 50; skull 16 - 19 *Scotophilus leucogaster*
- 161 a Interfemoral membrane with posterior edge lined with comb-like fringe of stiff hairs... 162
 b Interfemoral membrane without comb-like fringe, carrying only scattered hairs, if any 165
- 162 a Size large, forearm 34 - 39; skull 15 or more; colour above bright reddish-chestnut, below either whitish or buffy, never brown *Kerivoula argentata*
 b Size smaller, forearm 27 - 36; skull 13.5 or less; colour brownish or greyish-brown above and below 163
- 163 a Forearm 27 - 31; frosting or grizzling of dorsal pelage slight *Kerivoula muscilla*
 African Chiroptera name *Kerivoula lanosa*
 b Forearm 30 - 36; frosting or grizzling of dorsal pelage conspicuous 164
- 164 a Rostrum longer, C-M³ greater than M³-M³; forearm 30 - 32 ... *Kerivoula harrisoni*
 African Chiroptera name *Kerivoula lanosa*

- 165 b Rostrum shorter, C-M³ less than M³-M³ ; forearm 32 - 36 *Kerivoula lanosa*
 a Forearm 32 - 34; dorsal pelage grizzled..... 166
 b Forearm 27 - 29; dorsal pelage not grizzled (so far as known)..... 167
- 166 a Outer lower incisors unicuspid; upper incisors long *Kerivoula smithi*
 African Chiroptera name *Kerivoula smithii*
 b Outer lower incisors trilobed; upper incisors short..... *Kerivoula cuprosa*
- 167 a Fur uniformly light brown above and below; inner upper incisors clearly unicuspid
 *Kerivoula phalaena*
 b Fur dark brown basally, with tips greyish brown; inner upper incisors with distinct outer
 cusp *Kerivoula africana*
- 168 a Size very small, forearm less than 40 (35 - 39); condylobasal length of skull usually
 less than 13 *Miniopterus minor*
 b Size larger, forearm more than 40 (42 - 50); skull length approximately 14 - 16 .. 169
- 169 a Size largest, forearm 45 - 50; skull length 16 or more *Miniopterus inflatus*
 b Size medium, forearm c. 42 - 47; skull length c. 14 - 15..... 170
- 170 a Forearm 42 - 44; skull length c. 14..... *Miniopterus fraterculus*
 b Forearm c. 42 - 47; skull length c. 15..... *Miniopterus schreibersi*
 African Chiroptera name *Miniopterus schreibersii*
- 171 a Prominent vertical projection on zygoma; ears very large, 38 - 40, conjoined on
 extended snout; size very large, forearm 62 - 73; conspicuous bicolored dorsal pelage
 pattern, with pale collar separating dark anterior and posterior regions of body
 *Otomops martiensseni*
 b Not combining the above characters..... 172
- 172 a Skull conspicuously flattened, greatest depth of braincase not more than one-third of
 greatest width 173
 b Skull not conspicuously flattened 174
- 173 a Upper cheek teeth 4 or 5 (1st upper premolar either greatly reduced or absent); well-
 developed gular sac; wart-like granulations on forearm; ears widely spaced; forearm
 30 - 36 *Platymops setiger*
 b Upper cheek teeth 5 (1st upper premolar well-developed); no well-developed gular
 sac; no wart-like granulations on forearm; ears not widely spaced; forearm 36 - 42
 *Sauromys petrophilus*
- 174 a Ears widely separated; lower incisors 1-1, with concave crowns lengthened antero-
 posteriorly; upper cheek teeth 4; M³ much reduced; no palatal emargination; upper
 incisors in contact; ears and wing membranes translucent or whitish; underside of
 body entirely white (genus *Myopterus*)..... 176
 b Ears not widely separated, sometimes conjoined, never translucent 175
- 175 a Lower incisors 1-1; upper cheek teeth 5; canines greatly enlarged, particularly by
 basal expansion of cingula; lower canines meeting centrally above the minute and
 functionless lower incisors; ears separate; forearm under 30 .. *Xiphonycteris spurrelli*
 African Chiroptera name *Mops (Xiphonycteris) spurrelli*
 b Lower incisors 2-2 or 3-3; upper cheek teeth 4 or 5; canines not enlarged; ears
 separate or conjoined (in that case often with post-aural tufts or crests in adult males);
 forearm up to 66 and not less than 30, except in *Tadarida (Mops) nanulus* (genus
Tadarida) 178
- 176 a Size small, forearm 33 - 37; total skull length 17 - 19; pelage dark brown above
 *Myopterus whitleyi*
 b Size, larger, forearm more than 40..... 177
- 177 a Forearm 51 - 56; total skull length 24 - 25.7; dorsal pattern slaty-grey with two
 contrasting lateral bands of dirty white *Myopterus albatrus*
 African Chiroptera name *Myopterus daubentonii*
 b Forearm ? 44; total skull length 22; dorsal pelage brown *Myopterus daubentonii*
- 178 a Only 4 upper post-canine cheek teeth; M³ not reduced; upper incisors widely
 separated by large palatal emargination; lower incisors 3-3; ears separate; size small,
 forearm c. 38 (subgenus *Mormopterus*) 181
 b 5 upper post-canine cheek teeth (the small premolar very reduced, sometimes absent
 in *T. (Mops) condylura*, but in that case with M³ reduced, ears conjoined, palatal
 emargination rudimentary or absent, size large, forearm 43 - 49); lower incisors
 normally 2-2, rarely 3-3; ears conjoined or separate; forearm 27 - 66..... 179
- 179 a M³ reduced, cusps rarely more than V pattern; palatal emargination small or absent;

- ears generally conjoined, sometimes with post-aural tuft; size small to large, forearm 27 - 66 (subgenus *Mops*) 182
- 180 b M³ not reduced, cusps forming N pattern..... 180
- a Palatal emargination absent or rudimentary; ears conjoined, often with post-aural tuft, which is sometimes well developed; size medium, forearm 35 - 52 (subgenus *Chaerephon*)..... 190
- b Palatal emargination well-developed; ears generally separate; size medium to large, forearm 45 - 66 (subgenus *Tadarida*)..... 197
- 181 a Ears with anterior margin slightly emarginated below pointed tip; colour uniformly dark brown above and below; total skull length 14 - 15..... *Tadarida (Mormopterus) acetabulosus*
African Chiroptera name *Mormopterus acetabulosus*
- b Ears without emargination, tips broadly rounded; colour above dark brown but with pale bases, underside dirty white over part of throat and ventral area; total skull length 16 - 17 *Tadarida (Mormopterus) jugularis*
African Chiroptera name *Mormopterus jugularis*
- 182 a Size smallest, forearm 31 or less *Tadarida (Mops) nanula*
African Chiroptera name *Mops (Xiphonycteris) nanulus*
- b Size larger, forearm 35 or more 183
- 183 a Size largest, forearm 58 - 66; skull length 26 - 28 *Tadarida (Mops) midas*
African Chiroptera name *Mops (Mops) midas*
- b Size medium, forearm 35 - 58..... 184
- 184 a Forearm over 50 185
- b Forearm under 50 186
- 185 a Ears joined at base; forearm 52 - 57; skull 25 *Tadarida (Mops) congica*
African Chiroptera name *Mops (Mops) congicus*
- b Ears separated at base; forearm 52; skull c.23 *Tadarida (Mops) niangarae*
African Chiroptera name *Mops (Mops) niangarae*
- 186 a Male with scent gland at base of penis; forearm 42 - 44 *Tadarida (Mops) demonstrator*
African Chiroptera name *Mops (Mops) demonstrator*
- b Male without such gland; forearm 35 - 50 187
- 187 a Forearm 44 - 50 188
- b Forearm 35 - 41 189
- 188 a Crown darker than back; underside usually mainly white; skull with sagittal crest low, when present; 3rd commissure of M³ obsolete; deep basisphenoid pits; forearm 44 - 47..... *Tadarida (Mops) niveiventer*
African Chiroptera name *Mops (Mops) niveiventer*
- b Crown not darker than back; little or no white on underside; skull with well-developed sagittal crest; 3rd commissure of M³ present, though reduced; shallow basisphenoid pits; forearm 45 - 50..... *Tadarida (Mops) condylura*
African Chiroptera name *Mops (Mops) condylurus*
- 189 a Underside brownish, with blackish flanks; forearm 38 - 41. *Tadarida (Mops) thersites*
African Chiroptera name *Mops (Xiphonycteris) thersites*
- b Underside whitish, flanks not blackish; forearm 35 - 38 *Tadarida (Mops) leonis*
African Chiroptera name *Mops (Xiphonycteris) brachypterus*
- 190 a Distinct separate lobe or lappet projecting between inner bases of ears..... *Tadarida (Chaerephon) major*
African Chiroptera name *Chaerephon major*
- b Without such lobe or lappet..... 191
- 191 a Size larger, forearm 42 - 52 192
- b Size smaller, forearm 34 - 42 196
- 192 a Paired caudal glands opening as slits on either side of tail root below; forearm 46 - 47 *Tadarida (Chaerephon) cistura*
African Chiroptera name *Chaerephon bemmellini*
- b Without such glands..... 193
- 193 a Conspicuous white lateral band below, along flanks at junction with membrane, contrasting with very dark brown colour above and below; wings dark or pale; forearm 44 - 50 *Tadarida (Chaerephon) nigeriae*
African Chiroptera name *Chaerephon nigeriae*
- b No white lateral band 194

- 194 a Forearm 42 - 46; colour russet brown *Tadarida (Chaerephon) russata*
African Chiroptera name *Chaerephon russatus*
- b Forearm 46 - 52 195
- 195 a Colour umber-brown with variable pattern of white spots or short stripes arranged laterally on crown and sometimes also on shoulders and flanks; wings dark; skull with rostrum not elongated; forearm 46 - 51 *Tadarida (Chaerephon) bivittata*
African Chiroptera name *Chaerephon bivittatus*
- b Colour uniformly russet brown without white spots or stripes; wings dark; skull with elongated narrow rostrum; forearm 52 *Tadarida (Chaerephon) aloysiisabaudiae*
African Chiroptera name *Chaerephon aloysiisabaudiae*
- 196 a Males with long (13 - 14mm) bicolored post-aural crest (dark basally, pale apically); forearm 34 - 39; underside white or whitish-tipped..... *Tadarida (Chaerephon) chapini*
African Chiroptera name *Chaerephon chapini*
- b Males with short (10 m or less) unicolored post-aural crest; wings dark or light; colour below variable, with or without white on the median area; forearm 37 - 42 ... *Tadarida (Chaerephon) pumila*
African Chiroptera name *Chaerephon pumilus*
- 197 a Lower incisors 6; skull very narrow; lower canines widely separated at base; size large, forearm 54 - 64 *Tadarida (Tadarida) teniotis*
African Chiroptera name *Tadarida teniotis*
- b Lower incisors 4; skull generally broad, rarely narrow; lower canines almost touching at base or widely separated; size medium to large, forearm 45 - 66 198
- 198 a Size large, forearm 57 - 66..... 199
- b Size medium, forearm 45 - 53..... 201
- 199 a Ears very large, united at base very close to nostrils, projecting well beyond muzzle when laid forward; underside all white except for narrow brown flank-stripe; skull, particularly rostrum, very narrow; basisphenoid pits shallow; lower canines almost touching at base; forearm 63 *Tadarida (Tadarida) lobata*
African Chiroptera name *Tadarida lobata*
- b Ears smaller, not united at inner margin, well back from nostrils, barely projecting beyond muzzle when laid forward; underside without or with restricted white area; skull not narrowed in rostral region; basisphenoid pits deeper, sharply defined; forearm 57 - 66 200
- 200 a Skull very broad and heavy, particularly in rostral region, total length 23.5 - 25.7; deep, sharply defined basisphenoid pits; lower canines almost touching at base; underside mostly brownish, sometimes with median white area; forearm 63 - 66 *Tadarida (Tadarida) africana*
African Chiroptera name *Tadarida ventralis*
- b Skull much less broad in rostral region, total length 22 - 22.9; basisphenoid pits well-defined; lower canines almost touching at base; underside with variable white band on mid-ventral line; forearm 57 - 62 *Tadarida (Tadarida) fulminans*
African Chiroptera name *Tadarida fulminans*
- 201 a Size medium, forearm 44 - 53; total skull length 19 - 21; braincase flat; lower canines widely separated at base; no blackish area on chin and throat ... *Tadarida (Tadarida) aegyptiaca*
African Chiroptera name *Tadarida aegyptiaca*
- b Size smaller, forearm 47.5 or less; total skull length 18 - 20; braincase elevated; lower canines almost touching at base; chin and throat generally blackish *Tadarida (Tadarida) ansorgei*
African Chiroptera name *Chaerephon ansorgei*

Appendix 5i: Hill (1974). A review of *Scotoecus* Thomas, 1901 (Chiroptera: Vespertilionidae)

- 1 a Tragus long, relatively narrow; zygomata not cartilaginous; pm/2 reduced, its crown area one third to one half that of pm/4; this tooth not compressed in toothrow. *Scotoecus pallidus*
- b Tragus short, relatively wide ; zygomata cartilaginous ; pm/2 unreduced, its crown area subequal to that of pm/4; this tooth compressed in toothrow. 2
- 2 a Tragus more or less parallel-margined, the upper part of its anterior margin not prolonged anteriorly; outer part of wing membrane pale; ventral surface of body brown; braincase slightly flattened. *Scotoecus albofuscus*
- b Tragus slightly hatchet-shaped, the upper part of its anterior margin projected forward; outer part of wing membrane dark; ventral surface of body greyish, at most tinged with brown; braincase slightly elevated. 3
- 3 a Smaller, length of forearm generally less than 33.0, condylobasal length 13.2 or less, c-m³ 5.1 or less..... *Scotoecus hirundo*
- b Larger, length of forearm generally exceeding 32.0, condylobasal length 13.5 or more, c-m³ 5.2 or more..... *Scotoecus hindei*

Appendix 5j: Fenton (1975). Observations on the biology of some Rhodesian bats, including a key to the Chiroptera of Rhodesia.

1	a	Claw present on second finger; FA 66 - 130 (PTEROPODIDAE).....	7
	b	No claw on second finger; FA usually less than 66	2
2	a	Tail fully enclosed by interfemoral membrane	4
	b	Tail not fully enclosed by interfemoral membrane	3
3	a	Tail protruding through the interfemoral membrane; FA 58 - 67 (EMBALLONURIDAE)	12
	b	Tail extending beyond the end of the interfemoral membrane; FA 35 - 73 (MOLOSSIDAE).....	49
4	a	Tail terminating in a T-shaped cartilage; ears large; FA 37 - 66 (NYCTERIDAE)...	13
	b	Tail not terminating in a T-shaped cartilage	5
5	a	Nose-leaf ornamentation present	6
	b	Nose-leaves absent; FA 25 - 65 (VESPERTILIONIDAE)	29
6	a	Nose-leaves arranged as in Fig. 5; FA 37 - 67 (RHINOLOPHIDAE).....	17
	b	Nose-leaves not arranged as in Fig. 5; FA 31 - 115 (HIPPOSIDERIDAE)	26
7	a	FA greater than 110; narrow band of fur between wings on dorsum; FA 110 - 130 <i>Eidolon helvum</i>	
	b	FA less than 110	8
8	a	Ears with basal tufts of white fur	9
	b	Ears without basal tufts of white fur.....	11
9	a	One post-dental palatal ridge; FA 72 - 89	<i>Epomophorus wahlbergi</i>
	b	Two post-dental palatal ridges	10
10	a	FA males 87 - 93; females 81 - 86	<i>Epomophorus gambianus</i>
	b	FA males 81 - 85; females 79 - 80	<i>Epomophorus crypturus</i>
		African Chiroptera name	<i>Epomophorus gambianus crypturus</i>
11	a	Wing membranes insert on first toe; hair short and slick; FA 90 - 105.....	<i>Rousettus aegyptiacus</i>
	b	Wing membranes insert on second toe; hair longer and coarser; FA 66 - 83	<i>Rousettus angolensis</i>
		African Chiroptera name	<i>Lissonycteris angolensis</i>
12	a	Fur of dorsum grizzled greyish; venter white; FA 58 - 64	<i>Taphozous mauritanus</i>
	b	Fur of dorsum bicoloured, not grizzled; FA 60 - 67	<i>Taphozous perforatus</i>
13	a	FA over 55; restricted to closed forest; upper incisors trifold; E 28 - 35; FA 57 - 66	<i>Nycteris grandis</i>
	b	FA less than 55	14
14	a	Upper incisors trifold; E 18 - 25; FA 36 - 45	<i>Nycteris hispida</i>
	b	Upper incisors bifid	15
15	a	Tragus semilunate (Fig. 6A).....	16
	b	Tragus pyriform (Fig. 6B); E 28 - 37; FA 42 - 52	<i>Nycteris thebaica</i>
16	a	FA 37 - 42; E 29 - 34; colour greyish.....	<i>Nycteris woodi</i>
	b	FA 45 - 50; E 28 - 34; colour brownish.....	<i>Nycteris macrotis</i>
17	a	Face and/or lateral margins of sella (Fig. 5) with long hairs; connecting process low and rounded; greatest breadth of horseshoe usually over 9	18
	b	Face and/or lateral margins of sella without hairs; greatest breadth of horseshoe usually less than 9	19
18	a	FA 62 - 67	<i>Rhinolophus hildebrandti</i>
		African Chiroptera name	<i>Rhinolophus hildebrandtii</i>
	b	FA 50 - 60	<i>Rhinolophus fumigatus</i>
19	a	Anterior upper premolar external to tooth row; connecting process bluntly pointed; upper canine and p ⁴ in contact	20
	b	Anterior upper premolar in tooth row; upper canine and p ⁴ not in contact.....	21
20	a	FA 50 - 57	<i>Rhinolophus clivosus</i>
	b	FA 45 - 50	<i>Rhinolophus darlingi</i>
21	a	First phalanx of fourth digit shortened relative to metacarpal; (phalanx less than 8); connecting process to erect point (Fig. 7D); FA 40 - 48	<i>Rhinolophus landeri</i>
	b	First phalanx of fourth digit not shortened (over 8).....	22
22	a	Connecting process rises to high, narrow horn (Fig. 7E); FA 44 - 48	<i>Rhinolophus blasii</i>
	b	Connecting process low with bluntly pointed tip	23

- 23 a FA 47 - 51 *Rhinolophus capensis*
 b FA less than 45 24
- 24 a Ears relatively long; sella broad, venter white; FA 40 - 46; connecting process as in Fig. 7F *Rhinolophus simulator*
 b Ears relatively short; sella narrow 25
- 25 a Front edge of connecting process convex; FA 40 - 46 *Rhinolophus swinnyi*
 b Front edge of connecting process concave (Fig. 7G); FA 37 - 42 .. *Rhinolophus denti*
- 26 a FA 31 - 35; nose-leaf small and trident *Cloeotis percivali*
 b FA over 40; nose-leaf not trident 27
- 27 a FA over 75 (79 - 115) *Hipposideros commersoni*
 b FA 40 - 55 28
- 28 a FA less than 48; greyish to pale orange fur; main posterior nasal compartment narrow with wide lateral inflations *Hipposideros caffer*
 b FA over 48; brownish to rufous; main posterior nasal compartment wide with narrow lateral inflations *Hipposideros ruber*
- 29 a Second phalanx of third digit equal to three times the first phalanx; FA 42 - 47 (Miniopterinae) *Miniopterus schreibersi*
 African Chiroptera name *Miniopterus schreibersi*
 b Second phalanx of third digit less than three times the first phalanx 30
- 30 a Ears funnel-shaped with deep emargination below tip; tragus long and narrow with sharply pointed tip; FA 30 - 39 (Kerivoulinae) 31
 b Not as above (Vespertilioninae) 32
- 31 a FA 34 - 39; venter whitish or buffy *Kerivoula argentata*
 b FA 30 - 32; venter brown *Kerivoula harrisoni*
 African Chiroptera name *Kerivoula lanosa*
- 32 a Elongated muzzle; p 3-3/3-3 M 3-3/3-3 ; fur short and standing away from body; calcar long 33
 b Muzzle short (less than three premolars) 35
- 33 a FA 56 - 57; membranes and FA particoloured (black and red) *Myotis welwitschii*
 b Fa less than 56 mm 34
- 34 a FA 47 - 52; membranes not particoloured *Myotis tricolor*
 b FA 36 - 40; membranes not particoloured; orange-rufous dorsum *Myotis bocagei*
 African Chiroptera name *Myotis bocagii*
- 35 a Upper incisors 2-2 36
 b Upper incisors 1-1 45
- 36 a Upper premolars 2-2; tragus short and blunt 37
 b Upper premolars 1-1 40
- 37 a Venter pure white; fur extending slightly on to wings; fur of dorsum bicolor (dark base, light tips); membranes pale; FA 34 *Pipistrellus rueppelli*
 African Chiroptera name *Pipistrellus rueppellii*
 b Fur on venter dark or light grey; membranes dark 38
- 38 a Tragus hatchet-shaped (Fig. 8A); fur on dorsum bicoloured; FA 25 - 32... *Pipistrellus nanus*
 b Tragus not hatchet-shaped (Fig. 8B) 39
- 39 a Pelage bicoloured above and below; outer upper incisor less than one half inner upper incisor; large upper premolar in contact with canine; FA 30 - 33 *Pipistrellus kuhlii*
 b Outer and inner upper incisors equal in size; colour more rufous; white border on posterior part of wing membranes between feet and fifth digit well marked; FA 27 - 30 *Pipistrellus rusticus*
- 40 a Second phalanx of third digit greater than first; lower lip with lobe at posterior angle 41
 b Second phalanx of third digit less than first; lower lip without lobe 42
- 41 a Wing and interfemoral membrane variegated; fur on venter white and unicoloured; FA 40 - 45 *Glauconycteris variegata*
 b Wing and interfemoral membrane not variegated; fur black at base, narrow white middle band, sandy tips; FA 39 - 44 *Glauconycteris argentata**
 African Chiroptera name *Glauconycteris argentata*
- 42 a Ears over 18 and ca. 50% of FA; FA 36 - 38 *Laephotis angolensis*
 b Ears less than 18; 30-40% of FA 43
- 43 a FA 46 - 53; membranes dark; inner upper incisor unicuspid *Eptesicus hottentotus*
 b FA less than 45 44

- 44 a Membranes light or translucent; buffy brown dorsum; dirty white venter; FA 34 - 48
..... *Eptesicus rendalli**
African Chiroptera name *Neoromicia rendalli*
- b Membranes dark; FA 29 - 36 *Eptesicus capensis*
African Chiroptera name *Neoromicia capensis*
- 45 a FA 40 - 80; tragus long and tapering..... 46
- b FA less than 40; tragus short 48
- 46 a FA over 70 (70 - 80); venter white to orange brown *Scotophilus gigas*
African Chiroptera name *Scotophilus nigrita*
- b Fa less than 70 mm 47
- 47 a FA 50 - 65; venter yellowish..... *Scotophilus nigrita*
(This should be *Scotophilus dinganii*. See Robbins (1978))
African Chiroptera name *Scotophilus dinganii*
- b FA 43 - 50; venter beige *Scotophilus leucogaster*
- 48 a Tragus short and rounded; upper canine grooved on anterior face; cheek teeth 2-3/2-2
; penis very elongate; tragus as in Fig. 8c; FA 31 - 33 *Nycticeius hirundo*
African Chiroptera name *Scotoecus hirundo*
- b Tragus as in Fig. 8D; upper canine not grooved on anterior face; cheek teeth not as in
preceding; penis not very elongated; FA 30 - 33 *Nycticeius schlieffeni*
African Chiroptera name *Nycticeinops schlieffenii*
- 49 a Ears very large (38 - 40), joined on projecting snout; collar of pale fur separating
darker anterior and posterior parts; FA 62 - 73 *Otomops martiensseni*
- b Not combining above characteristics..... 50
- 50 a FA over 55 52
- b FA less than 55 51
- 51 a FA 44 - 55 55
- b FA 35 - 44 60
- 52 a Ears joined at base; FA 58 - 66..... *Tadarida midas*
African Chiroptera name *Mops (Mops) midas*
- b Ears separate at base 53
- 53 a Venter white; wings translucent; ears large (29 - 30); white spot on mid-dorsum in
adults; FA 57 - 60..... *Tadarida lobata*
- b Venter not white; wings not translucent..... 54
- 54 a FA 60 - 67; brown and red forms *Tadarida africana**
African Chiroptera name *Tadarida ventralis*
- b FA 57 - 60; brown and red forms *Tadarida fulminans*
- 55 a Venter dark or perhaps tinged with grey 56
- b Venter light-coloured 59
- 56 a Conspicuous ridge of fur across dorsal surface of hips; variable pattern of white flecks
or short stripes laterally on crown and perhaps shoulders and flanks; flanks quite bare;
FA 44 - 49 *Tadarida bivittata*
African Chiroptera name *Chaerephon bivittatus*
- b Conspicuous ridge of fur absent; no white flecks 57
- 57 a Ears separate; no white stripe at ventral contact of wings and body 58
- b Ears joined at bases; white stripes at ventral contact of wings and body; fur on body
black; wings translucent; FA 46 - 50 *Tadarida nigeriae*
African Chiroptera name *Chaerephon nigeriae*
- 58 a Chin and throat blackish; lower canines almost touching at bases; FA 44 - 47 *Tadarida*
ansorgei
African Chiroptera name *Chaerephon ansorgei*
- b Chin and throat not blackish; lower canines well separated at bases; FA 44 - 53
..... *Tadarida aegyptiaca*
- 59 a Crown darker than back; underside usually mainly white; E 20 - 25; FA 44 - 47
..... *Tadarida niveiventer*
African Chiroptera name *Mops (Mops) niveiventer*
- b Crown not darker than back; little or no white on venter; E 28 - 30; FA 45 - 50 *Tadarida*
condylura
African Chiroptera name *Mops (Mops) condylurus*
- 60 a Ears joined on top of head; variable pattern of white on venter including lateral stripes
and central area of body; wings translucent; FA 37 - 42 *Tadarida pumila*

-
- African Chiroptera name *Chaerephon pumilus*
- b Ears not joined on top of head; no white on venter; wings not translucent; FA 36 - 42
..... *Sauromys petrophilus*

Appendix 5k: Hill (1977). A review of the Rhinopomatidae (Mammalia: Chiroptera).

- 1
 - a Larger, length of forearm 57-5-75 mm, condylobasal length 17-3-20-6 mm; tail usually shorter than forearm; prominent sagittal crest; supraorbital ridges high, knife-like, their junction enclosing a recess or pocket, angled, the frontal region more or less pentagonal in outline, flat, rostrum with narial swellings not especially pronounced. *Rhinopoma microphyllum*
 - b Smaller, length of forearm 46-63-5 mm, condylobasal length 14-0-17-8 mm; tail usually longer than forearm; low sagittal crest; supraorbital ridges low, no prominent recess or pocket at their junction, straight, the frontal region more or less triangular, slightly depressed centrally; rostrum with prominent sub-globular narial swellings. . 2
- 2
 - a Muzzle with well-developed transverse dermal ridge; uppermost margins of rostrum slightly divergent anteriorly; narial inflations more or less globose, not projecting laterally much beyond anteriormost point of nasals, foremost extension of swelling in profile above the rear of c¹..... *Rhinopoma hardwickei*
African Chiroptera name *Rhinopoma hardwickii*
 - b Dermal ridge on muzzle low; uppermost margins of rostrum more nearly parallel; narial inflations slightly angular, projecting considerably beyond anteriormost point of nasals, foremost extension of swelling in profile above front of c¹. *Rhinopoma muscatellum*

Appendix 5I: Jones (1977a). *Plecotus rafinesquii*

- 1 a Supraorbital region sharply ridged (*Plecotus*) 2
 b Supraorbital region not ridged: temporal ridges normally coalesced to form a sagittal crest (*Corynorhinus*) 3
- 2 a Width of tragus less than 5.4 mm; length of upper canine (height of crown) less than 1.7 mm; dorsal pelage buff or gray; bases of hairs on venter dark brown or buff *Plecotus auritus*
 b Width of tragus greater than 5.4 mm; length of upper canine (height of crown) greater than 1.7 mm; dorsal pelage usually gray; bases of hairs on venter dark black *Plecotus austriacus*
- 3 a Tips of ventral hairs white or whitish, sharply contrasted with blackish bases; median postpalatan process triangular in shape, with a broad base; rostrum weak and much depressed; I1 with prominent secondary cusp; anterointernal cusp usually present on cingulum of P4 *Plecotus rafinesquii*
 b Tips of ventral hairs brownish of buff, often not sharply contrasted with slate, gray, or brownish bass; median post-palatal process usually styliform, with a narrow base (ocassionally triangular); rostrum strong and not depressed, or variable; I1 with or without secondary cusp; anterointernal cusp absent or variable on cingulum of P4. 4
- 4 a Coloration of dorsum dark sooty-brown, with scant contrast between bases and tips of hairs; greatest length of skull usually less than 15.7 mm (females) or 15.5 mm (males); maxillary tooththrow usually less than 4.9 mm; I1 usually with secondary cusp; tragus usually less than 13 mm long; interfemoral cross ribs usually less than nine *Plecotus mexicanus*
 b Coloration of dorsum sometimes yellow-bron, with sharp contrast between bases an tips of hairs; greatest length of skull usually more than 15.7 mm (females), or 15.5 mm (males); maxillary tooththrow usually more than 4.9 mm; I1 usually simple; tragus usually more than 13 mm long; interfemoral cross ribs usually more than nine *Plecotus townsendii*

Appendix 5m: El-Rayah (1981). A New species of bat of the genus *Tadarida* (Family *Molossidae*) from West Africa.

- 1 a Forearm less than 32 mm; M3 without 3rd commissure..... 2
 b Forearm more than 32 mm; M3 with short but distinct third commissure 3
- 2 a Canines with enlarged cingula; upper incisors not projecting in front of anterior face of canine cingula; skull greatest length 14.0 - 16.8 *Tadarida spurrelli*
 African Chiroptera name *Mops (Xiphonycteris) spurrelli*
 b Canines without enlarged cingula; upper incisors projecting in front of anterior face of canine cingula; skull greatest length 15.0 – 17.5..... *Tadarida nanula*
 African Chiroptera name *Mops (Xiphonycteris) nanulus*
- 3 a Forearm less than 35 mm; skull length 15.8 - 17.5 *Tadarida petersoni*
 African Chiroptera name *Mops (Xiphonycteris) petersoni*
 b Forearm 35 mm or more; skull length 17.2 - 20.6 4
- 4 a Wing insertion high on sides of back with dorsal pelage restricted to top of back and not extending over rump to base of tail; ventral pelage dark with darker lateral bands; basisphenoid pits deep and rounded laterally with septum between nearly parallel.
 *Tadarida thersites*
 African Chiroptera name *Mops (Xiphonycteris) thersites*
 b Wing insertion lower on sides of body; dorsal pelage not restricted to back and extends to sides of body and over rump to base of tail; ventral pelage from white to orange buff without dark lateral bands; basisphenoid pits shallow and long oval shape with septum between narrowing anteriorly. *Tadarida brachyptera*
 African Chiroptera name *Mops (Xiphonycteris) brachypterus*

Appendix 5n: Smithers, R.H.N. (1983). The mammals of the Southern African subregion

1	a	Second digit on forearm terminating in a claw (Fig. V.1), margin of ear forming a complete ring; ear tragus absent; interfemoral membrane greatly reduced, little more than a narrow band along inside margin of hind legs; tail absent or rudimentary (Fig. 45.1): cheek teeth simple, without well-developed cusp pattern (Fig. V.2) (Suborder Megachiroptera).....	2
	b	Second digit without a claw; margin of ear not forming a complete ring; ear tragus generally present (absent in family Rhinolophidae); interfemoral membrane and tail generally well-developed; cheek teeth cuspidate with generally well developed W pattern (suborder Microchiroptera).....	9
2	a	Ears with white basal tufts.....	3
	b	Ears without white basal tufts.....	4
3	a	Six ridges on the palate, not more than two behind the last tooth; these not differentiated from the ridges between the teeth (Fig. 40.1); the back of the palate, behind the teeth, strongly concave at the back (genus <i>Epomophorus</i>).....	5
	b	Five, or 9 to 11 ridges on the palate, at least five behind the last tooth, these differentiated from the ridges between the teeth; the back of the palate, behind the teeth, flattened at the back.....	<i>Epomops dobsoni</i>
		African Chiroptera name	<i>Epomops dobsonii</i>
4	a	Size larger, length of forearm over 100	<i>Eidolon helvum</i>
	b	Size smaller, length of forearm under 100 (genus <i>Rousettus</i>).....	8
5	a	One palatal ridge behind the last tooth (Fig. 40.1.a); length of forearm 77 - 89 (males), 72 - 86 (females).....	<i>Epomophorus wahlbergi</i>
	b	Two palatal ridges behind the last tooth (Fig. 40.1.b).....	6
6	a	Fourth palatal ridge midway between third and fifth (fig. 40.1.b)	7
	b	Fourth palatal ridge much nearer the third than fifth; length of forearm 87 - 91 in males, 82 in females (Fig. 41.1.b).....	<i>Epomophorus angolensis</i>
7	a	Length of forearm 87 - 93 (males), 81 - 86 (females).....	<i>Epomophorus gambianus</i>
	b	Forearm 81 - 85 (males), 79 - 80 (females)	<i>Epomophorus crypturus</i>
		African Chiroptera name	<i>Epomophorus gambianus crypturus</i>
8	a	Wing membranes arise from the first toe; hair short and sleek; cheek teeth heavy; length forearm generally above 89 and up to 96; adult males without collar of bristly hairs on the throat.....	<i>Rousettus aegyptiacus</i>
	b	Wing membranes arise from the second toe; hair longer and coarser; cheek teeth reduced in bulk; length of forearm less than 90; adult males with a distinct collar of bristly hairs on the throat.....	<i>Rousettus angolensis</i>
		African Chiroptera name	<i>Lissonycteris angolensis</i>
9	a	With a distinct tail extending free of the interfemoral membrane	10
	b	Tail almost entirely enclosed within the interfemoral membrane	11
10	a	Free terminal part of tail emerging upwards from near the middle of the interfemoral membrane (Fig. VI.1) (family Emballonuridae).....	14
	b	Free terminal part of tail emerging from the posterior part of the interfemoral membrane and extending well beyond it (Fig. VII.2) (family Molossidae).....	60
11	a	No noseleaves (Fig. VIII.1) (family Vespertilionidae).....	33
	b	Face with noseleaves	12
12	a	Face with a deep central slit (Fig. IX.1) (family Nycteridae)	16
	b	Face without a deep central slit.....	13
13	a	Posterior noseleaf subtriangular with an erect point (Fig. X.1) (family Rhinolophidae)	21
	b	Posterior noseleaf elliptical (Fig. XI.1) (family Hipposideridae).....	30
14	a	Smaller, forearm less than 55; two upper and six lower incisor teeth.....	<i>Coleura afra</i>
	b	Larger, forearm over 57, two upper incisors which may be minute or absent, four lower incisor teeth (genus <i>Taphozous</i>).....	15
15	a	Fur on upper parts grizzled greyish, the tips of the hair whitish, under parts pure white; total length of the skull over 21.5 mm; forearm 60 - 64 mm ...	<i>Taphozous mauritanus</i>
	b	Fur on upper parts unicolour dark brown, the under parts not pure white; total length of the skull less than 21.5 mm; forearm 62 - 67 mm	<i>Taphozous perforatus</i>
16	a	Upper incisor teeth trifid (Fig. 94.1).....	17

- b Upper incisor teeth bifid 18
 17 a Forearm 36 - 45, ear 18 - 25 *Nycteris hispidia*
 b Forearm 57 - 66, ear 28 - 35 *Nycteris grandis*
 18 a Ear tragus semi-lunate, base of its posterior margin not notched (*aethiopica* group) 19
 b Ear tragus pyriform, base of its posterior margin shallowly notched (*thebaica* group).
 20
 19 a General colour greyish; forearm 37 - 42, ear 29 - 34 *Nycteris woodi*
 b General colour brownish; forearm over 43; ear over 21 *Nycteris macrotis*
 20 a Size smaller; forearm 42 - 52, ears 28 - 37; skull less massive; breadth of supraorbital
 flanges about 6.8 *Nycteris thebaica*
 b Size larger; forearm over 50; ears about 22; skull massive, rostrum 20 % heavier than
 in *N. thebaica*, breadth of supraorbital flanges about 9.0 *Nycteris vinsoni*
 21 a Face and/or lateral margins of the sella liberally furnished with long hairs; connecting
 process low, rounded; greatest breadth of horseshoe generally over 9.0 (Fig. X.2) 22
 b Sella naked; connecting process rounded or pointed; greatest breadth of horseshoe
 under 9.0 23
 22 a Forearm 62 - 67 *Rhinolophus hildebrandti*
 African Chiroptera name *Rhinolophus hildebrandtii*
 b Forearm 50 - 60 *Rhinolophus fumigatus*
 23 a Anterior upper premolar, when present, external to toothrow (Fig. X.5); canines and
 fourth upper premolar in contact; connecting process bluntly pointed 24
 b Anterior upper premolar in toothrow (Fig. X.5); canine and fourth upper premolar not in
 contact; connecting process blunt or sharply pointed 25
 24 a Forearm 50 - 57 *Rhinolophus clivosus*
 b Forearm 45 - 50 *Rhinolophus darlingi*
 25 a First phalanx of fourth finger notably shortened in relation to metacarpal length:
 forearm 40 - 48 *Rhinolophus landeri*
 b First phalanx of fourth finger not notably shortened in relation to metacarpal length 26
 26 a Connecting process rises to high and narrow horn *Rhinolophus blasii*
 b Connecting process with low, bluntly pointed tip 27
 27 a Larger, forearm 47 - 51; skull 20.0 or more *Rhinolophus capensis*
 b Smaller, forearm 40 - 46; skull 18.7 or less 28
 28 a Sella broader; ears longer (20 - 22) *Rhinolophus simulator*
 b Sella narrower; ears shorter (18 - 20) 29
 29 a Front edge of connecting process almost concave; lancet with sides almost convex;
 fur lights at base *Rhinolophus denti*
 b Front edge of connecting process convex; lancet with sides concave, tip pointed; fur
 nearly unicoloured *Rhinolophus swinnyi*
 30 a Posterior leaflet on noseleaf simple in outline, elliptical or rounded, not tridentate; ears
 either separate or united by low band; rostrum at least half as long as the braincase;
 small upper premolar present; forearm 40 - 110 (genus *Hipposideros*) 32
 b Posterior leaflet of noseleaf tridentate; ears separate; small upper molar present or
 absent; rostrum sometimes less than half as long as braincase; forearm 30 - 40 .. 31
 31 a Size very small, forearm 31 - 35; ears very low, rounded, rim-like, length 8; noseleaf
 small and inconspicuous; thumbs minute; rostrum less than half length of braincase
 *Cloeotis percivali*
 b Size larger, forearm 50 - 54; ears short, 10 - 14, but pointed; noseleaf conspicuous;
 thumbs normal; rostrum more than half the length of the braincase; upper incisors bifid
 (genus *Triaenops*) *Triaenops persicus*
 32 a Size larger; forearm 90 - 110; ears narrow and pointed *Hipposideros commersoni*
 b Size smaller; forearm 40 - 50; ears broader *Hipposideros caffer*
 33 a Second phalanx of third digit not especially elongated 34
 b Second phalanx of third digit about three times as long as first; braincase high and
 rounded (subfamily MINIOPTERINAE; genus *Miniopterus*) 58
 34 a Ears not funnel-shaped, without deep emargination below tip; ear tragus short and
 broad, or long and narrow, but not sharply pointed; braincase not particularly high and
 rounded (subfamily VESPERTILIONINAE) 35
 b Ears funnel-shaped, with deep emargination below tip; ear tragus long, narrow,
 sharply pointed; braincase high and rounded (subfamily KERIVOULINAE; genus
Kerivoula) 57

- 35 a Six upper, six lower cheek teeth on either side (genus *Myotis*) 42
 b Less than six upper and six lower cheek teeth 36
- 36 a Five upper, five lower cheekteeth; ears not lengthened; two upper incisors on each side; wing with fifth finger not shortened; ears not joined at base (genus *Pipistrellus*) 47
 b Four upper, five lower cheek teeth; ears only exceptionally notably lengthened 37
- 37 a Two upper incisors on each side 38
 b One upper incisor on each side 40
- 38 a Rostrum very short and broad; braincase very high more than two-thirds of condylobasal length; lower lip with lobe at posterior angle; frequently with body pattern of spots and/or stripes, or conspicuous reticulation of wing membranes *Chalinolobus variegatus*
 African Chiroptera name *Glauconycteris variegata*
 b Rostrum not shortened; braincase not elevated; no body or wing pattern 39
- 39 a Ear 18 or more, about half length of forearm (genus *Laephotis*) 46
 b Ears less than 18, much less than half length of forearm (genus *Eptesicus*) 50
- 40 a Size larger, forearm not less than 46 mm; first and second upper molars with W-pattern obsolescent; tragus long and tapering (genus *Scotophilus*) 55
 b Size smaller, forearm less than 46 mm; first and second upper molars with normal W-pattern; tragus either sickle-shaped or short and broad 41
- 41 a Skull with rostrum not broadened; palatal emargination narrow; anterior lower premolar about half the crown area of the next premolar; upper canines with rounded anterior surface; tragus halfmoon-shaped; penis not enlarged; forearm 29 - 33 mm *Nycticeius schlieffenii*
 African Chiroptera name *Nycticeinops schlieffenii*
 b Skull with rostrum notably broadened, particularly across lachrymals; palatal emargination broader; upper cheek teeth four or five; lower premolars equal in crown area; upper canines with broad flat anterior face; tragus short and broad; penis greatly lengthened, nearly a quarter of the length of the head and body; forearm 28 - 38 mm *Scotoecus albofuscus*
- 42 a Size larger, forearm over 52 mm *Myotis welwitschii*
 b Size smaller, forearm 52 or less 43
- 43 a Wings with glands; first two upper premolars greatly reduced and closely crowded together laterally 44
 b Wings without glands; first two upper premolars not greatly reduced, not crowded together laterally (Fig. 72.1) 45
- 44 a Size smaller, forearm 32.5 - 2.9 *Myotis seabrai*
 African Chiroptera name *Cistugo seabrae*
 b Size larger, forearm 34.5 *Myotis lesueuri*
 African Chiroptera name *Cistugo lesueuri*
- 45 a Size larger, forearm 47 - 52 *Myotis tricolor*
 b Size smaller, forearm less than 47 *Myotis bocagei*
 African Chiroptera name *Myotis bocagii*
- 46 a Larger, total length of the skull over 16 mm; upper parts light drab; length of ears 25 mm; ear tragus with a notch near the base of the outside edge (Fig. 78.1.d) *Laephotis namibensis*
 b Smaller, total length of the skull under 15 mm; upper parts buffy-brown; length ears 21 mm; ear tragus without a notch near the base of the outside edge (Fig. 78.1.b) *Laephotis botswanae*
- 47 a Inner upper incisor teeth unicuspid or not very deeply bicuspid (Fig 75.2); the under parts brown or grey (subgenus *Pipistrellus*) 48
 b Inner upper incisors deeply bifid; the under parts pure white. *Pipistrellus* (*Scotozous*) *rueppelli*
 African Chiroptera name *Pipistrellus rueppellii*
- 48 a Second upper incisor teeth much reduced *Pipistrellus* (*Pipistrellus*) *kuhlii*
 (This should be *Pipistrellus hesperidus*. See Kock (2001))
 African Chiroptera name *Pipistrellus hesperidus*
 b Second upper incisor teeth only slightly smaller than first 49
- 49 a Braincase flatter, cranium nearly level with the muzzle *Pipistrellus* (*Pipistrellus*) *rusticus*
 African Chiroptera name *Pipistrellus rusticus*

- b Braincase clearly raised above the level of the muzzle *Pipistrellus (Pipistrellus) nanus*
 African Chiroptera name *Pipistrellus nanus*
- 50 a Wing membranes white or translucent *Eptesicus rendalli*
 African Chiroptera name *Neoromicia rendalli*
- b Wing membranes dark 51
- 51 a Size larger, forearm over 40; inner upper incisor teeth unicuspid *Eptesicus hottentotus*
 b Size smaller, forearm under 40; inner upper incisor teeth bicuspid 52
- 52 a Forearm 34.5 - 38 *Eptesicus melckorum*
 African Chiroptera name *Neoromicia melckorum*
- b Forearm 35 or less 53
- 53 a Cranial portion of skull elevated above rostrum (Fig. 84.1) *Eptesicus zuluensis*
 African Chiroptera name *Neoromicia zuluensis*
- b Cranial portion of skull not elevated above rostrum (Fig. 86.1) 54
- 54 a Colour of the upper parts paler; wing membranes edged with white; fur on the upper
 parts up to 8 mm long; skull lacking the upwardly projecting "helmet" in the occipital
 region *Eptesicus somalicus*
 African Chiroptera name *Neoromicia somalicus*
- b Colour of the upper parts darker; wing membranes not edged with white; fur on the
 upper parts not over 5 mm long; skull with a "helmet" in the occipital region *Eptesicus*
capensis
 African Chiroptera name *Neoromicia capensis*
- c Size larger, forearm 29 - 35; skull with posterior occipital "helmet" *Eptesicus*
(Eptesicus) capensis
 African Chiroptera name *Neoromicia capensis*
- 55 a Size large, forearm 75 - 80; total length skull over 30 *Scotophilus nigrita*
 b Size smaller, forearm 43 - 65 56
- 56 a Forearm 50 - 65; total length skull 20 - 23 *Scotophilus dinganii*
 b Forearm 43 - 50; skull 16 - 19 *Scotophilus viridis*
- 57 a Size large, forearm 34 - 39; total length of skull 15 or more; colour above reddish-
 chestnut, under parts either whitish or white tinged buffy *Kerivoula argentata*
 b Size smaller, forearm 32 - 36; total length of skull 13.5 or less; colour brownish,
 greyish-brown or dull buffy, the under parts buffy, whitish at least on the chest and
 belly *Kerivoula lanosa*
- 58 a Average total length of skull 16 or more, forearm 45 - 50 *Miniopterus inflatus*
 b Average total length of skull 14 - 15, forearm 42 - 47 59
- 59 a Average total length of skull 14, forearm 42 - 44 *Miniopterus fraterculus*
 b Average total length of skull 15, forearm 42 - 47 *Miniopterus schreibersii*
- 60 a Prominent vertical projection on zygoma; ears very large, 38 - 40, conjoined on
 extended snout; size very large, forearm 62 - 73; conspicuous bicolored pelage
 pattern, with a pale collar separating dark anterior and posterior regions of body
 *Otomops martiensseni*
- b Not as above 61
- 61 a Skull conspicuously flattened, greatest depth of braincase not more than one-third of
 greatest width *Sauromys petrophilus*
- b Skull not conspicuously flattened (genus *Tadarida*) 62
- 62 a Only 4 upper post-canine cheek teeth; M³ not reduced; upper incisors widely
 separated by large palatal emargination; six lower incisor teeth; ears separate; size
 small, forearm about 38 (subgenus *Mormopterus*) *Tadarida (Mormopterus)*
acetabulosus
 African Chiroptera name *Mormopterus acetabulosus*
- b 5 upper post-canine cheek teeth (the small premolar very reduced, sometimes absent
 in *T. (Mops) condylura*, but in that case with M³ reduced, ears conjoined, palatal
 emargination rudimentary or absent, size large, forearm 43 - 49); normally four lower
 incisor teeth, rarely six; ears conjoined or separate; forerarm 27 - 66 mm 63
- 63 a M³ reduced, cusps rarely more than a V pattern; palatal emargination small or
 absent; ears generally conjoined, sometimes with a post-aural tuft; size small to large,
 forearm 27 - 66 (subgenus *Mops*) 65
- b M³ not reduced, cusps forming an N pattern 64
- 64 a Palatal emargination absent or rudimentary; ears conjoined, often with post-aural tuft,
 which is sometimes well developed; size medium, forearm 35 - 52 (subgenus

- Chaerephon*)..... 66
- b Palatal emargination well-developed; ears generally separate; size medium to large, forearm 45 - 66 (subgenus *Tadarida*)..... 69
- 65 a Size large, forearm 58 - 66; skull length 26 - 28..... *Tadarida (Mops) midas*
African Chiroptera name *Mops (Mops) midas*
- b Size smaller, forearm 44 - 50 *Tadarida (Mops) condylura*
African Chiroptera name *Mops (Mops) condylurus*
- 66 a Size larger, forearm 42 - 52 67
- b Size smaller, forearm 34 - 42 68
- 67 a Conspicuous lateral band of white hair on the wing membrane near the body; wing membranes pale; forearm 44 - 50; upper parts not flecked with white *Tadarida (Chaerephon) nigeriae*
African Chiroptera name *Chaerephon nigeriae*
- b No white lateral bands; wing membranes dark; forearm 46 - 51; upper parts flecked with white *Tadarida (Chaerephon) bivittata*
African Chiroptera name *Chaerephon bivittatus*
- 68 a Males with long (12 mm) bicoloured post-aural crests (dark basally, light apically); forearm 34 - 39; colour of upper parts pale, under parts whitish *Tadarida (Chaerephon) chapini*
African Chiroptera name *Chaerephon chapini*
- b Males with short (10 mm or less) unicoloured post-aural crest; upper parts not pale, under parts variable in colour with or without white on the median area; forearm 37 - 42..... *Tadarida (Chaerephon) pumila*
African Chiroptera name *Chaerephon pumilus*
- 69 a Size large, forearm 57 - 66..... 70
- b Size medium, forearm 45 - 53..... 72
- 70 a Ears very large, conjoined at base near the nostrils and projecting well beyond muzzle when laid forward; under parts white or buffy with narrow brown flank strips; skull, particularly rostrum, very narrow; lower canines almost touching at their bases; forearm 63 *Tadarida (Tadarida) lobata*
African Chiroptera name *Tadarida lobata*
- b Ears smaller, not conjoined at inner margin, situated well back from the nostrils and barely projecting beyond muzzle when laid forward; under parts without or with restricted white area; skull not narrowed in rostral region; forearm 57 - 66 71
- 71 a Skull very broad and heavy, particularly in rostral region, total length 23.5 - 25.7; lower canines almost touching at their bases; under parts mostly brownish, sometimes with median white area; forearm 63 - 66 *Tadarida (Tadarida) ventralis*
African Chiroptera name *Tadarida ventralis*
- b Skull much less broad in rostral region, total length of skull 22 - 22.9; lower canines almost touching at their bases; under parts with variable white band on mid-ventral line; forearm 57 - 62..... *Tadarida (Tadarida) fulminans*
African Chiroptera name *Tadarida fulminans*
- 72 a Size larger, forearm 44 - 53; total length of skull 19 - 21; braincase flat; lower canines widely separated at their bases; no black area on chin and throat *Tadarida (Tadarida) aegyptiaca*
African Chiroptera name *Tadarida aegyptiaca*
- b Size smaller, forearm 47.5 or less; total length of skull 18 - 20; braincase elevated; lower canines almost touching at their bases; chin and throat generally black *Tadarida (Tadarida) ansorgei*
African Chiroptera name *Chaerephon ansorgei*

Appendix 5o: Qumsiyeh, M. (1985). The bats of Egypt

- 1 a Ear simple, with margin forming a complete ring; tragus and antitragus absent; second finger clawed; skull large (GLS greater than 40); molar and premolar teeth low crowned (Megachiroptera: Pteropodidae) *Rousettus aegyptiacus*
 b Ear margin not forming complete ring; tragus or antitragus present; second finger not clawed; skull size medium to small (GLS less than 40); molar and premolar teeth high crowned (Microchiroptera) 2
- 2 a Muzzle with cutaneous growth forming an elaborate noseleaf structure; tragus absent but antitragus well developed; nasal branches of premaxilla absent, palatal branches fused medially and free of maxilla laterally (Rhinolophidae)..... 9
 b Muzzle with no elaborate noseleaf structure; tragus present; nasal branches of premaxilla present or absent; palatal branches present or absent, if not as above .. 3
- 3 a Tail protrudes from dorsal surface of uropatagium; premaxilla with nasal branches only, palatal branches absent (Emballonuridae) 8
 b Tail either completely enclosed by, or protrudes from posterior end of uropatagium; premaxilla always with palatal branches; nasal branches present or absent..... 4
- 4 a Uropatagium short, enclosing less than one-third of the long, thin tail; dental formula $1/2 \ 1/1 \ 1/2 \ 3/3 = 28$; nasal region of skull inflated (Rhinopomatidae) 7
 b Uropatagium long, enclosing more than one-half of the tail, teeth more than 28; nasal region of skull not inflated 5
- 5 a Muzzle with longitudinal groove; nasal branches absent; skull with deep concavity on anterior surface between the orbits (Nycteridae)..... *Nycteris thebaica*
 b Muzzle simple; nasal branches present; no deep concavity on anterior surface of the skull 6
- 6 a Tail scarcely or not protruding beyond posterior edge of the wide uropatagium (Vespertilionidae) 12
 b Tail protruding conspicuously beyond posterior edge of narrow uropatagium (Molossidae) 21
- 7 a Larger; FA 62 - 71, GLS 18.7 - 22.1; tail usually shorter than forearm; lacrymal region of skull relatively shallow; males show significant development of sagittal crest; posterior edge of palate forms an acute angle, never with parallel sides ..*Rhinopoma microphyllum*
 b Smaller; FA 48.3 - 61, GLS 16.0 - 18.5; tail usually longer than forearm; lacrymal region of skull inflated; males do not show significant development of sagittal crest; posterior edge of palate forms with rounded profile, sides almost or are parallel *Rhinopoma hardwicki*
 African Chiroptera name *Rhinopoma hardwickii*
- 8 a Fur extends to base of uropatagium both dorsally and ventrally; smaller animal, FA 59 - 64, GLS 19.8 - 21.1; skull smooth with rounded braincase *Taphozous perforatus*
 b Fur does not extend to bats of uropatagium dorsally nor ventrally; larger, FA 67 - 82.5, GLS 24.8 - 31.8; skull rugose with distinct sagittal and lambdoidal crests. *Taphozous nudiventris*
- 9 a Noseleaf with three dorsally projecting leaflets and without sella or connecting process; only two pairs of lower premolars*Asellia tridens*
 b Noseleaf with one dorsally projecting leaflet (lancet) and with a distinct sella and connecting process; three pairs of lower premolars present (Rhinolophinae) 10
- 10 a Size small, FA 33.5 - 38.6, GLS 14.5 - 16.0 *Rhinolophus hipposideros*
 b Size larger, FA more than 41, GLS more than 18 11
- 11 a Dorsal connecting process of sella blunt; PM2 displaced labially from toothrow or absent *Rhinolophus clivosus*
 b Dorsal connecting process of sella long and pointed; PM2 in toothrow and clearly separating canine and PM4 *Rhinolophus mehelyi* (and *R. euryale*)
 African Chiroptera name *Rhinolophus mehelyi*
- 12 a Large, FA greater than 55, GLS greater than 21; ear long measuring 34 - 42 in Egyptian specimens; one pair of upper incisors *Otonycteris hemprichi*
 African Chiroptera name *Otonycteris hemprichii*
 b Small to medium sized, FA less than 50, GLS less than 20; ear short or long; one or two pairs of upper incisors 13
- 13 a Mandible with three premolars and three molars; ears and tragus elongated *Plecotus*

- austriacus*
- 14 b Five or less lower postcanine teeth; ears and tragus not elongated 14
 a One pair of upper incisors *Nycticeius schlieffenii*
 African Chiroptera name *Nycticeinops schlieffenii*
- 15 b Two pairs of upper incisors 15
 a Four upper postcanine teeth *Eptesicus bottae*
 b Five upper postcanine teeth (but PM2 is absent on some specimens of *Pipistrellus kuhlii* on one side) 16
- 16 a Ear connected; skull with a narrow and concave rostrum *Barbastella barbastellus*
 African Chiroptera name *Barbastella barbastellus*
 b Ears separate; skull with a wider and convex rostrum (*Pipistrellus*) 17
- 17 a Outer upper incisor much less than half length of inner 18
 b Outer upper incisor more than half length of inner 19
- 18 a C-M³ greater than 4.5; GLS greater than 12.0; skull relatively rugose with distinct lambdoidal ridges *Pipistrellus kuhlii*
 b C-M³ less than 4.5; GLS less than 12.0; skull slender, with braincase rounded; rostrum slightly shortened and hence forehead is more elevated than in *P. kuhlii*.
 *Pipistrellus aegyptius*
 African Chiroptera name *Pipistrellus deserti*
- 19 a Inner upper incisor unicuspid; PM2 small and possibly not functional; rostrum flattened *Pipistrellus ariel*
 African Chiroptera name *Hypsugo ariel*
 b Inner upper incisor bifid or bicuspid; PM2 clearly distinguished and functional; rostrum concave 20
- 20 a Inner upper incisor deeply cleft; ventral fur whitish *Pipistrellus rueppellii*
 b Inner upper incisor bifid but not deeply cleft; ventral fur not whitish *Pipistrellus bodenheimeri*
- 21 a Larger, FA greater than 54, GLS greater than 23; mandible with three pairs of lower incisors; skull elongate *Tadarida teniotis*
 b Smaller, FA less than 54, GLS less than 22; mandible with two pairs of lower incisors; skull more rounded *Tadarida aegyptiaca*

Appendix 5p: Aulagnier and Thevenot (1986). Catalogue des mammifères sauvages du Maroc

1	a	Portion de queue libre dépassant largement la membrane interfemorale	2
	b	Queue incluse dans la membrane interfemorale (excepté parfois 1 ou 2 vertèbres)	4
2	a	Feuille nasale triangulaire; Portion de queue libre très longue (Famille Rhinopomatidae)	3
	b	Pas de feuille nasale; Portion de queue libre réduite (Famille Molossidae)... <i>Tadarida teniotis</i>	
3	a	AB: 58-75 mm; Queue plus courte que l'Avant-Bras	<i>Rhinopoma microphyllum</i>
	b	AB: H6-53 mm; Queue plus longue que l'Avant-Bras.....	<i>Rhinopoma hardwickei</i>
		African Chiroptera name	<i>Rhinopoma hardwickii</i>
4	a	Absence de feuille nasale; Tragus présent (Famille Vespertilionidae)	10
	b	Feuille nasale complexe; Tragus absent (Famille Rhinolophidae)	5
	c	Sillon médian sur le museau; Tragus présent (Famille Nycteridae) <i>Nycteris thebaica</i>	
5	a	Partie postérieure de la feuille nasale en languette triangulaire aigüe; Doigts à trois phalanges	6
	b	Partie postérieure de la feuille nasale arrondie ou à trois pointes; Doigts à deux phalanges	9
6	a	AB > 54 mm	<i>Rhinolophus ferrumequinum</i>
	b	AB < 40 mm	<i>Rhinolophus hipposideros</i>
	c	40 < AB < 54 mm	7
7	a	2ème phalange Doigt IV plus de deux fois plus longue que la première phalange...	8
	b	2ème phalange Doigt IV moins de deux fois plus longue que la première phalange	<i>Rhinolophus blasii</i>
8	a	see graph	<i>Rhinolophus euryale</i>
	b	see graph	<i>Rhinolophus mehelyi</i>
9	a	Partie postérieure de la feuille nasale arrondie	<i>Hipposideros caffer</i>
	b	Partie postérieure de la feuille nasale à trois pointes	<i>Asellia tridens</i>
10	a	2ème phalange du doigt III moins de 2 fois plus longue que la première	11
	b	2ème phalange du doigt III 3 fois plus longue que la première <i>Miniopterus schreibersi</i>	
		African Chiroptera name	<i>Miniopterus schreibersii</i>
11	a	Oreilles séparées l'une de l'autre à leur base sur la tête	12
	b	Oreilles réunies l'une à l'autre par leur base sur la tête	14
12	a	2 paires d'incisives supérieures	13
	b	1 paire d'incisives supérieures	<i>Otonycteris hemprichi</i>
		African Chiroptera name	<i>Otonycteris hemprichii</i>
13	a	Tragus allongé et pointu (genus <i>Myotis</i>)	15
	b	Tragus court et arrondi (Genera <i>Pipistrellus</i> , <i>Nyctalus</i> , <i>Eptesicus</i>)	19
14	a	Oreilles très longues; Tragus allongé	<i>Plecotus austriacus</i>
	b	Oreilles courtes; Tragus court	<i>Barbastella barbastellus</i>
15	a	AB < 50 mm	16
	b	AB > 50 mm	<i>Myotis blythii</i>
16	a	Longueur du pied inférieure à la moitié de celle du tibia	17
	b	Longueur du pied supérieure à la moitié de celle du tibia; 38 < AB < 42 mm... <i>Myotis capaccinii</i>	
17	a	AB < 35 mm	<i>Myotis mystacinus</i>
	b	AB > 35 mm	18
18	a	Oreille nettement échancrée; Quelques poils sur la membrane interfémorale . <i>Myotis emarginatus</i>	
	b	Oreille non échancrée; Frange de poils sur la membrane interfémorale. <i>Myotis nattereri</i>	
19	a	AB < 35 mm	20
	b	AB > 45 mm	23
20	a	Incisive supérieure interne bicuspidée	21
	b	Incisive supérieure interne unicuspidée	<i>Pipistrellus kuhli</i>
		African Chiroptera name	<i>Pipistrellus kuhlii</i>
21	a	1ère Premolaire supérieure visible en vue latérale; AB < 33 mm	22
	b	1ère Premolaire supérieure rudimentaire (invisible); AB > 32 mm <i>Pipistrellus savii</i>	
		African Chiroptera name	<i>Hypsugo savii</i>

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- 22 a Incisive supérieure externe tres petite; Pelage ventral blanc *Pipistrellus rueppelli*
African Chiroptera name *Pipistrellus rueppelli*
- b Incisive supérieure externe de bonne taille; Pelage ventral gris *Pipistrellus pipistrellus*
- 23 a Tragus aussi long que large *Nyctalus lasiopterus*
- b Tragus deux fois plus long que large *Eptesicus serotinus*

Appendix 5q: Meester et al. (1986). Classification of Southern African mammals

1	a	Second digit (in African species) ending in a claw; margin of ear conch forming a complete ring; tragus always absent; interfemoral membrane greatly reduced, little more than a narrow band along inside margin of hind legs; tail absent or rudimentary; cheekteeth simple, without well-developed cusp pattern (suborder Megachiroptera)	2
	b	Second digit without a claw; margin of ear conch not forming a complete ring; tragus generally present (absent in two families); interfemoral membrane and tail generally well-developed; cheek teeth cuspidate, molars generally with clearly defined W pattern (suborder Microchiroptera)	8
2	a	Ears with white basal tufts	3
	b	Ears without white basal tufts	4
3	a	Six prominent palatal ridges, one or two being post-dental, and these no different from inter-dental ridges; post-dental palate strongly concave posteriorly (genus <i>Epomophorus</i>)	5
	b	Five palatal ridges, the last two post-dental, these being differentiated from interdental ridges, thick, and each bearing two triangular projections; post-dental palate flattened posteriorly	<i>Epomops dobsonii</i>
4	a	Forearm generally 110 - 130 mm; colour generally tawny, with dorsal fur restricted to a narrow median band, sharply demarcated from naked wing membranes	<i>Eidolon helvum</i>
	b	Forearm 65 - 102 mm; ruff of stiff hair present or absent on lower neck of adult males (genus <i>Rousettus</i>)	7
5	a	One post-dental palatal ridge; forearm 77 - 89 mm in males, 72 - 86 mm in females	<i>Epomophorus wahlbergi</i>
	b	Two post-dental palatal ridges	6
6	a	Fourth palatal ridge mid-way between third and fifth	<i>Epomophorus crypturus</i>
		African Chiroptera name	<i>Epomophorus gambianus crypturus</i>
	b	Fourth palatal ridge much nearer the third than fifth	<i>Epomophorus angolensis</i>
7	a	Wings from first toe; hair short and sleek; cheekteeth heavy; forearm generally 90 - 105 mm; premaxillaries in contact but not co-ossified; adult males without collar of stiff hairs	<i>Rousettus (Rousettus) aegyptiacus</i>
		African Chiroptera name	<i>Rousettus aegyptiacus</i>
	b	Wings from second toe; hair longer and coarser; cheekteeth reduced in bulk, short and broad; forearm 66 - 83 mm; premaxillaries co-ossified; adult males with collar of stiff hairs	<i>Rousettus (Lissonycteris) angolensis</i>
		African Chiroptera name	<i>Lissonycteris angolensis</i>
8	a	Terminal portion of tail projecting markedly past edge of interfemoral membrane	9
	b	Tail almost entirely enclosed within the interfemoral membrane	10
9	a	Free terminal portion of tail emerges above middle of upper surface of interfemoral membrane (family Emballonuridae)	13
	b	Free terminal portion of tail projects considerably beyond hind margin of interfemoral membrane (family Molossidae)	60
10	a	Muzzle without nose-leaves or maked modifications of any kind (family Vespertilionidae)	32
	b	Muzzle with nose-leaves or deep central slit	11
11	a	Muzzle with deep central longitudinal slit lined with fleshy dermal outgrowths (family Nycteridae)	15
	b	Face without slit but with well-developed nose-leaves covering muzzle	12
12	a	Posterior leaflet of nose-leaf subtriangular, with erect pointed tip; toes with three phalanges (family Rhinolophidae)	20
	b	Posterior leaflet of nose-leaf with upper edge either elliptical in outline or tridentate; toes with two phalanges (family Hipposideridae)	29
13	a	Six lower incisors; forearm not more than 57 mm; no gular sac	<i>Coleura afra</i>
	b	Four lower incisors; forearm more than 57 mm; gular sac present or absent (genus <i>Taphozous</i>)	14
14	a	Entire dorsal fur conspicuously grizzled greyish; entire ventral surface clear white; forearm 58 - 64 mm; large gular sac in males	<i>Taphozous mauritanus</i>
	b	Dorsal fur never grizzled, colour pale brownish; ventral surface dusky; forearm 60 - 67	

- mm; no gular sac *Taphozous perforatus*
- 15 a Upper incisors trifid; tragus falciform or semilunate (*hispidus* group) 16
 b Upper incisors bifid; tragus semilunate or pyriform 17
- 16 a Forearm 36 - 45 mm; ear 18 - 25 mm; condylocanine length less than 18 mm *Nycteris hispidus*
 b Forearm 57 - 66 mm; ear 28 - 35 mm; condylocanine length more than 18 mm *Nycteris grandis*
- 17 a Tragus semi-lunate, base of posterior margin not notched (*macrotis* group) 18
 b Tragus pyriform, base of its posterior margin shallowly notched (*thebaica* group) . 19
- 18 a General colour greyish; forearm 37 - 42 mm *Nycteris woodi*
 b General colour brownish; forearm 45 - 50 mm *Nycteris macrotis*
- 19 a Size smaller; forearm 42 - 52 mm, ears larger, 28 - 37 mm; skull less massive; breadth of supraorbital flanges about 6.8 mm *Nycteris thebaica*
 b Size larger; forearm over 50 mm; ears smaller, 22 mm; skull massive, breadth of supraorbital flanges about 9.0 mm *Nycteris vinsoni*
- 20 a Face and/or lateral margins of the sella liberally furnished with long hairs; connecting process low, rounded; greatest width of horseshoe generally over 9 mm 21
 b Sella naked; connecting process rounded or pointed; greatest width of horseshoe below 9 mm 22
- 21 a Forearm 62 - 67 mm *Rhinolophus hildebrandti*
 African Chiroptera name *Rhinolophus hildebrandtii*
 b Forearm 50 - 60 mm *Rhinolophus fumigatus*
- 22 a Anterior upper premolar, when present, external to toothrow; canine and fourth upper premolar in contact; connecting process bluntly pointed 23
 b Anterior upper premolar in toothrow; canine and fourth upper premolar not in contact; connecting process blunt or sharply pointed 24
- 23 a Forearm 50 - 57 mm *Rhinolophus clivosus*
 b Forearm 45 - 50 mm *Rhinolophus darlingi*
- 24 a Connecting process rises to an erect point; interpterygoid groove usually shallow, not clearly defined by bordering ridges; anterior upper premolar usually not crowded between canine and fourth upper premolar, longer than wide 25
 b Connecting process with a low bluntly pointed tip; interpterygoid groove deep and clearly defined by bordering ridges; anterior upper premolar usually more or less crowded between canine and fourth upper premolar, at least as wide as it is long 26
- 25 a First phalanx of fourth finger notably shortened in relation to metacarpal length; connecting process pointed; molar width less than half width of palate between molars *Rhinolophus landeri*
 b First phalanx of fourth finger not notably shortened in relation to metacarpal length; connecting process rises to a high narrow horn; molar width more than half width of palate between molars *Rhinolophus blasii*
- 26 a Larger, forearm 47 - 51 mm; skull 20 mm or more *Rhinolophus capensis*
 b Smaller, forearm 40 - 46 mm; skull 18.7 mm or less 27
- 27 a Sella broader; ears longer, 20 - 22 mm; condylocanine length > 15.5 mm *Rhinolophus simulator*
 b Sella narrower; ears shorter, 18 - 20 mm; condylocanine length < 15.5 mm 28
- 28 a Front edge of connecting process almost concave; lancet with sides almost convex; fur whitish at base *Rhinolophus denti*
 b Front edge of connecting process convex; lancet with sides concave, tip pointed; fur nearly unicoloured *Rhinolophus swinnyi*
- 29 a Posterior leaflet on noseleaf simple in outline, elliptical or rounded, not tridentate; ears either separate or united by low band; rostrum at least half as long as the braincase; small upper premolar present; forearm 40 - 110 (genus *Hipposideros*) 31
 b Posterior leaflet of noseleaf tridentate; ears always separate; small upper premolar present or absent; rostrum sometimes less than half as long as braincase; zygoma not, or greatly, expanded; forearm 31 - 54 mm 30
- 30 a Size very small, forearm 31 - 35 mm; ears very low, rounded, rim-like, 8 mm; noseleaf small and inconspicuous; thumbs minute; rostrum less than half length of braincase; zygoma not greatly expanded *Cloeotis percivali*
 b Size larger, forearm 50 - 54 mm; ears short, 10 - 14 mm, but pointed; noseleaf conspicuous; thumbs normal; rostrum more than half the length of the braincase;

- zygoma greatly expanded into a wide plate; upper incisors bifid... *Triaenops persicus*
- 31 a Size very large; forearm 90 - 110 mm; ears very narrow and pointed; longitudinal frontal sac in both sexes *Hipposideros commersoni*
- b Size much smaller; forearm 40 - 50 mm; ears broad *Hipposideros caffer*
- 32 a Second phalanx of third digit not especially elongated..... 33
- b Second phalanx of third digit about three times as long as first; braincase high and rounded (subfamily MINIOPTERINAE; genus *Miniopterus*) 58
- 33 a Ears not funnel-shaped, without deep emargination below tip; tragus short and broad or long and narrow, but not sharply pointed; braincase not particularly high and rounded (subfamily VESPERTILIONINAE) 34
- b Ears funnel-shaped, with deep emargination below tip; tragus long, narrow, sharply pointed; braincase high and rounded (subfamily KERIVOULINAE; genus *Kerivoula*) 57
- 34 a Six upper, six lower cheek teeth on either side (genus *Myotis*) 41
- b Fewer than six upper and six lower cheek teeth 35
- 35 a Five upper, five lower cheekteeth; ears not lengthened; two upper incisors on each side; wing with fifth finger not shortened; ears not joined at base (genus *Pipistrellus*) 47
- b Four upper, five lower cheek teeth; ears notably lengthened only in exceptional cases 36
- 36 a Two upper incisors on each side..... 37
- b One upper incisor on each side 39
- 37 a Rostrum very short and broad; braincase very high more than two-thirds of condylobasal length; lower lip with lobe at posterior angle; frequently with body pattern of spots and/or stripes, or conspicuous reticulation of wing membranes *Chalinolobus (Glauconycteris) variegatus*
African Chiroptera name *Glauconycteris variegata*
- b Rostrum not shortened; braincase not elevated; no body or wing pattern 38
- 38 a Ear 18 mm or more, about half length of forearm (genus *Laephotis*) 45
- b Ears less than 18 mm, much less than half length of forearm (genus *Eptesicus*)... 51
- 39 a Size larger, forearm not less than 46 mm; first and second upper molars with W-pattern obsolescent; tragus long and tapering (genus *Scotophilus*) 55
- b Size smaller, forearm less than 46 mm; first and second upper molars with normal W-pattern; tragus either sickle-shaped or short and broad 40
- 40 a Skull with rostrum not broadened; palatal emargination narrow; anterior lower premolar about half the crown area of the next premolar; upper canines with rounded anterior surface; tragus halfmoon-shaped; penis not enlarged; forearm 29 - 33 mm *Nycticeius schlieffenii*
African Chiroptera name *Nycticeinops schlieffenii*
- b Skull with rostrum notably broadened, particularly across lachrymals; palatal emargination broader; upper cheek teeth four or five; lower premolars equal in crown area; upper canines with broad flat anterior face; tragus short and broad; penis greatly lengthened; forearm 28 - 38 mm *Scotoecus albofuscus*
- 41 a Size larger, forearm over 52 mm..... *Myotis (Chrysopteron) welwitschii*
African Chiroptera name *Myotis welwitschii*
- b Size smaller, forearm under 52 mm 42
- 42 a Wings with glands; first two upper premolars greatly reduced and crowded together laterally 43
- b Wings without glands; first two upper premolars not greatly reduced, not crowded together laterally 44
- 43 a Size smaller, forearm 32.5 - 2.9 mm *Myotis (Cistugo) seabrai*
African Chiroptera name *Cistugo seabrae*
- b Size larger, forearm 34.5 mm..... *Myotis (Cistugo) lesueuri*
African Chiroptera name *Cistugo lesueuri*
- 44 a Size larger, forearm 47 - 52 mm *Myotis (Selysius) tricolor*
African Chiroptera name *Myotis tricolor*
- b Size smaller, forearm less than 47 *Myotis (Selysius) bocagei*
African Chiroptera name *Myotis bocagii*
- 45 a Larger, total skull length over 16 mm; ear length from meatus more than 21 mm; tragus with notch near base of the outside edge..... 46
- b Smaller, total skull length under 15 mm; ear length no more than 18 mm; tragus

- without notch near base of the outside edge; dorsal colour buffy brown *Laephotis botswanae*
- 46 a Ear length 24 - 45 mm; dorsal colour light drab..... *Laephotis namibensis*
 b Ear length 21 - 22 mm; dorsal colour mid-brown..... *Laephotis wintoni*
- 47 a First upper incisor not, or scarcely, bifid; not grey and white, usually some shade of brown; penis less than half length of tibia the under parts brown or grey (subgenus *Pipistrellus*) 48
 b First upper incisors markedly bifid; grey above and white below; penis more than half length of tibia *Pipistrellus (Vansonia) rueppellii*
 African Chiroptera name *Pipistrellus rueppellii*
- 48 a Outer upper incisor more than half length of inner upper incisor; forehead strongly concave; upper canine and posterior upper premolar separated by a gap through which anterior upper premolar can be clearly seen rising above cingula of adjoining teeth; interdental palate clearly longer than broad *Pipistrellus (Pipistrellus) nanus*
 African Chiroptera name *Pipistrellus nanus*
 b Outer upper incisor less than half length of inner upper incisor; forehead usually flat or weakly concave; upper canine and posterior upper premolar in contact or barely separated, anterior upper premolar seen from the side only with difficulty, usually not rising appreciably above cingula of adjoining teeth 49
- 49 a Interdental palate as broad as long; forehead flat; total length of skull 12 mm or less *Pipistrellus (Pipistrellus) rusticus*
 African Chiroptera name *Pipistrellus rusticus*
 b Interdental palate longer than broad; forehead at least slightly concave; total length of skull more than 12 mm..... 50
- 50 a Posterior upper incisor barely extending beyond cingulum of anterior upper incisor; anterior upper premolar a pointed tooth rising above cingulum of canine but not above cingulum of posterior upper premolar; maxillary tooththrow more than 4.5 mm *Pipistrellus (Pipistrellus) kuhlii*
 African Chiroptera name *Pipistrellus kuhlii*
 b Posterior upper incisor extending well beyond cingulum of anterior upper incisor; anterior upper premolar a flat-crowned tooth completely below cingula of adjoining teeth; maxillary tooththrow less than 4.5 mm *Pipistrellus (Pipistrellus) anchietai*
 African Chiroptera name *Hypsugo anchietae*
- 51 a Wing membranes white or translucent *Eptesicus rendalli*
 African Chiroptera name *Neoromicia rendalli*
 b Wing membranes dark 52
- 52 a Size larger, forearm more than 40 mm; inner upper incisors unicuspid..... *Eptesicus hottentotus*
 b Size smaller, forearm less than 40 mm; inner upper incisors bicuspid 53
- 53 a Forearm 34.5 - 38 mm *Eptesicus melckorum*
 African Chiroptera name *Neoromicia melckorum*
 b Forearm 35 mm or less 54
- 54 a Dorsal colour paler; wing membranes edged with white; dorsal fur up to 8 mm long; forearm 30 - 32 mm; condylobasal length usually less than 11.9 mm; skull lacking posterior occipital "helmet" *Eptesicus somalicus*
 African Chiroptera name *Neoromicia somalicus*
 b Dorsal colour darker; wing membranes not edged with white; dorsal fur not more than 5 mm long; forearm 29 - 35 mm; condylobasal length more than 11.9 mm; skull with posterior occipital "helmet" *Eptesicus capensis*
 African Chiroptera name *Neoromicia capensis*
 c Size larger, forearm 29 - 35; skull with posterior occipital "helmet" *Eptesicus (Eptesicus) capensis*
 African Chiroptera name *Neoromicia capensis*
- 55 a Size very large, forearm 75 - 80; total skull length 30 mm or more *Scotophilus nigrita*
 b Size smaller, forearm 43 - 65 mm; skull length 16 - 23 mm 56
- 56 a Forearm 50 - 65 mm; skull 20 - 23 mm *Scotophilus dinganii*
 b Forearm 43 - 50 mm; skull 16 - 19 mm *Scotophilus borbonicus*
- 57 a Size large, forearm 34 - 39 mm; skull > 15 mm; colour above bright reddish chestnut, below either whitish or buffish, never brown..... *Kerivoula argentata*
 b Size smaller, forearm 32 - 36 mm; skull < 13.5 mm; colour brownish or greyish-brown

- above, sometimes lightly grizzled with greyish white or white, and greyish brown to greyish white or white below *Kerivoula lanosa*
- 58 a Size largern forearm 45 - 50 mm; skull length 16 mm and more .. *Miniopterus inflatus*
 b Size smaller, forearm 42 - 47 mm; skull length c. 14 - 15..... 59
- 59 a Forearm 42 - 44 mm; skull length c. 14 mm; colour brownish black and/or russet
 *Miniopterus fraterculus*
 b Forearm 42 - 47 mm; skull length c. 15 mm; colour slaty brown *Miniopterus schreibersii*
- 60 a Prominent vertical projection on zygoma; size very large, forearm 62 - 73 mm; ears very large, 38 - 40 mm, conjoined on extended snout; conspicuous bicoloured dorsal pelage pattern with pale collar separating dark anterior and posterior regions of body
 *Otomops martiensseni*
 b Not combining the above characters..... 61
- 61 a Skull conspicuously flattened, greatest depth of braincase not more than one-third of greatest width; 5 upper cheekteeth (P¹ well developed); ears separate, not widely spaced; forearm 36 - 42 mm *Sauromys petrophilus*
 b Skull not conspicuously flattened; 4 - 5 upper cheekteeth, ears separate or conjoined; forearm 30 - 66 mm 62
- 62 a Only 1 upper premolar; three pairs of lower incisors; large palatal emargination; ears separate; size small, forearm c. 38 mm, condylobasal length less than 15 mm (genus *Mormopterus*) *Mormopterus acetabulosus*
 b Almost always two upper premolars; not more than two pairs of lower incisors; condylobasal length generally more than 15 mm (genus *Tadarida*) 63
- 63 a Anterior palatal emargination well developed, extending beyond upper incisors and including area of incisive foramina; third commissure of last upper molar well developed, almost as long as second commissure 64
 b Anterior palatal emargination greatly reduced, not extending behind upper incisor and separated from incisive foramina by a bony bar 69
- 64 a Condylobasal length more than 21 mm..... 65
 b Condylobasal length less than 21 mm 67
- 65 a Interdental palatal length more than twice palatal width at anterior end, ears very large, united at base close to nostrils, and projecting well beyond muzzle when laid forward; basisphenoid pits shallow; lower canines almost touching at base; forearm 63 mm..... *Tadarida (Tadarida) lobata*
 African Chiroptera name *Tadarida lobata*
 b Interdental palatal length less than twice palatal width at anterior end..... 66
- 66 a Larger, total skull length 23.5 - 25.7 mm, forearm 63 - 66 mm.... *Tadarida (Tadarida) ventralis*
 African Chiroptera name *Tadarida ventralis*
 b Smaller, total skull length 22 - 22.9 mm, forearm 57 - 62 mm *Tadarida (Tadarida) fulminans*
 African Chiroptera name *Tadarida fulminans*
- 67 a Forehead flat; width of anterior palatal emargination more than diameter of upper incisor; forearm 44 - 53 mm; lower canines widely separated at base *Tadarida (Tadarida) aegyptiaca*
 African Chiroptera name *Tadarida aegyptiaca*
 b Forehead elevated; width of anterior palatal emargination less than diameter or upper incisor; condylobasal length more than 17 mm 68
- 68 a Zygomatic breadth more than 12 mm *Tadarida (Chaerephon) bivittata*
 African Chiroptera name *Chaerephon bivittatus*
 b Zygomatic breadth less than 12 mm *Tadarida (Chaerephon) ansorgei*
 African Chiroptera name *Chaerephon ansorgei*
- 69 a Third commissure of last upper molar well developed, almost as long as second commissure; basisphenoid pits shallow, separated at most by a low ridge 70
 b Third commissure of last upper molar reduced, clearly shorter, and usually much shorter than second commissure 72
- 70 a Forehead virtually flat; maxillary tooththrow length more than 6.3 mm; interdental palate (measured at anterior end of posterior premolar) approximately twice as long as it is wide *Tadarida (Chaerephon) nigeriae*
 African Chiroptera name *Chaerephon nigeriae*
 b Forehead distinctly elevated; maxillary tooththrow less than 6.3 mm 71

- 71 a Interdental palate (measured at anterior end of posterior premolar) approximately twice as long as it is wide; males with long (13 - 14 mm) bicoloured postaural crest, dark basally, pale apically *Tadarida (Chaerephon) chapini*
African Chiroptera name *Chaerephon chapini*
- b Interdental palate approximately one-and-a-half times as long as it is wide; males with short (10 mm or less) unicoloured postaural crest *Tadarida (Chaerephon) pumila*
African Chiroptera name *Chaerephon pumilus*
- 72 a Condylbasal length more than 23 mm; forearm 58 - 66 mm *Tadarida (Mops) midas*
African Chiroptera name *Mops (Mops) midas*
- b Condylbasal length less than 21 mm; forearm 45 - 50 mm; third commissure of last upper molar clearly present and approximately half as long as second commissure *Tadarida (Mops) condylura*
African Chiroptera name *Mops (Mops) condylurus*

Appendix 5r: Qumsiyeh and Jones (1986). *Rhinopoma hardwickii* and *Rhinopoma muscatellum*

- | | | |
|---|---|---|
| 1 | a | Large; forearm 57 to 75 mm, greatest length of the skull 18 to 23 mm; skull robust, with well-developed sagittal and lambdoidal crests; rostrum with narial swellings poorly defined, almost flat <i>Rhinopoma microphyllum</i> |
| | b | Small; forearm 46 to 63 mm, greatest length of the skull 14 to 19 mm; skull slender and with rounded braincase; lambdoid and sagittal crests poorly developed; rostrum with well-defined narial swellings 2 |
| 2 | a | Muzzle with well-developed transverse dermal ridge; narial inflations rounded; posterior margin of palate rounded <i>Rhinopoma hardwickii</i> |
| | b | Muzzle with poorly developed, almost flat dermal ridge; narial inflations angular in profile; posterior margin of palate angular <i>Rhinopoma muscatellum</i> |

Appendix 5s: Happold (1987). The mammals of Nigeria.

- 1 a Second finger terminating in claw; ear conch forms complete ring around external ear opening; tragus absent; tail absent or very small; interfemoral membrane poorly developed; no nose-leaves or fleshy outgrowths on nasal region or forehead; large eyes; cheek teeth simple without well-developed cusps (Suborder Megachiroptera). 2
- b Second finger without terminal claw; inner and outer margins of ear conch arise at different points and are not joined at base; tragus usually present; tail long In most species with well-developed interfemoral membrane (except family Megadermatidae); nose-leaves or fleshy outgrowths present in some families; eyes mostly small and obscure; cheek teeth with well-developed cusps (Suborder Microchiroptera) 13
- 2 a Tongue with pointed tip, densely covered with long papillae (Fig. 3.7); FA 41 - 44, WT 10 - 15. *Megaloglossus woermanni*
- b Tongue with rounded tip, without papillae; FA more than 44, WT more than 15 3
- 3 a Head with large white spot between eyes; white spot at posterior margin of each eye; FA 49 - 55. *Scotonycteris zenkeri*
- b Head without white spots as above..... 4
- 4 a White basal ear-tufts present (often inconspicuous in *Nanonycteris veldkampii*). 5
- b White basal ear-tufts absent. 10
- 5 a Very large; FA 118 or more; wide cylindrical muzzle, not tapering towards nostrils. *Hypsignathus monstrosus*
- b Smaller; FA not more than 100; muzzle tapering towards nostrils..... 6
- 6 a FA 60 - 100. 7
- b FA less than 60. 9
- 7 a Head rounded; three prominent palatal ridges between tooth rows, followed by 5-6 less prominent ridges (Fig. 3.5); FA 80 - 90; TLS 44 - 51..... *Epomops franqueti*
African Chiroptera name *Epomops franqueti*
- b Head elongated; six prominent palatal ridges (Fig. 3.5); FA 66 - 97; TLS 40 - 67. 8
- 8 a FA 75 - 97; TLS 46 - 67. *Epomophorus gambianus*
- b FA 66 - 78; TLS 40 - 49. *Epomophorus anurus*
African Chiroptera name *Epomophorus labiatus*
- 9 a Nasal region broad; 5 - 7 broad palatal ridges extending to margins of palate, all except first two obviously divided by median groove (Fig. 3.S); FA 49 - 65. *Micropteropus pusillus*
- b Nasal region slender; 12 - 13 narrow palatal ridges, posterior ridges not extending to margins of palate (Fig. 3.5); FA 45 - 54..... *Nanonycteris veldkampii*
African Chiroptera name *Micropteropus pusillus*
- 10 a FA 110 or more; dorsal pelage dull yellow, hairs dark with dull yellow tips; no collar of stiff hairs on throat and neck of adult males. *Eidolon helvum*
- b FA less than 110; collar of stiff hairs on throat and neck of adult males (sometimes inconspicuous). 11
- 11 a FA 60 - 64; WT 35 - 41; palatal ridges as in Fig. 3.5; not associated with caves. *Myonycteris torquata*
African Chiroptera name *Myonycteris (Myonycteris) torquata*
- b FA more than 65; WT more than 41; usually associated with caves. 12
- 12 a FA 66 - 81; WT 54 - 92; pelage-dark brown, long and soft; well-developed collar of stiff hairs on throat of adult males; palatal ridges as In Fig. 3.5; cheek teeth about as broad as long; wings insert on second toe. *Rousettus angolensis*
African Chiroptera name *Lissonycteris angolensis*
- b FA 87 - 102;;WT 84 - 131; pelage dark brown, short; poorly developed collar of stiff hairs on throat of adult males; palatal ridges as In Fig. 3.5; cheek teeth longer than they are broad; wings insert on first toe. *Rousettus aegyptiacus*
- 13 a No visible tail (Family Megadermatidae) *Lavia frons*
- b Tail long and easily visible. 14
- 14 a Part of tail free of the interfemoral membrane. 15
- b Tail entirely enclosed in the interfemoral membrane. 17
- 15 a Free portion of tail emerges-upwards near centre of the interfemoral membrane (Family Emballonuridae) 20
- b Free portion of tail emerges at hind margin of the interfemoral membrane. 16
- 16 a Free portion of tail thick and broad, approximately equal in length to portion enclosed

		in the interfemoral membrane (Family Molossidae)	61
	b	Free portion of tail very long and slender (Family Rhinopomatidae).	<i>Rhinopoma microphyllum</i>
17	a	Face simple, without nose-leaves (Family Vespertilionidae)	39
	b	Face with nose-leaves.	6
18	a	Face with deep slit from nostrils to forehead, bordered by nose-leaves; tragus present; tail ends in characteristic 'Y'-shaped cartilage (Family Nycteridae)	24
	b	Face without deep slit from nostrils to forehead; noseleaves flattish, covering whole of nasal region; tragus absent or very small; tail does not end in 'Y'-shaped cartilage.	7
19	a	Posterior nose-leaf with an erect fleshy point (sella) (Family Rhinolophidae).....	29
	b	Posterior nose-leaf elliptical, without an erect fleshy point (Family Hipposideridae).....	33
20	a	FA less than 51; gular pouch absent; radio-metacarpal pouch absent....	<i>Coleura afra</i>
	b	FA more than 51; gular pouch present in males; radio-metacarpal pouch present.	21
21	a	FA more than 80; gular pouch in males and females; pelage dark brown; rainforest zone.	<i>Taphozous peli</i>
		African Chiroptera name	<i>Saccolaimus peli</i>
	b	FA less than 80; gular pouch in males only; rainforest and savanna zones.	22
22	a	FA 70 - 75; TLS 26 - 28; naked skin on ventral surface and rump.	<i>Taphozous nudiventris</i>
	b	FA not more than 70; TLS not more than 22; fully furred on ventral surface and rump.	23
23	a	FA 58 - 64; dorsal pelage speckled grey (salt-and-pepper effect); ventral pelage pure white; large gular pouch in males.....	<i>Taphozous mauritanus</i>
	b	FA 60 - 67; dorsal grey pelage greyish, not speckled; ventral pelage greyish or whitish; small gular pouch in males.....	<i>Taphozous perforatus</i>
24	a	Posterior lower premolar large, reaching above cingulum of anterior premolar and equal or almost equal to height of anterior cusp of first molar; obvious concavity on outer margin of tragus.....	25
	b	Posterior lower premolar very small, reaching approximately to cingulum of anterior premolar (Fig. 3.9); no obvious concavity on outer margin of tragus.....	26
25	a	FA 36 - 46; E 28 - 33.....	<i>Nycteris arge</i>
	b	FA 47 - 50; E 27 - 32.....	<i>Nycteris major</i>
26	a	Upper incisors trifid (Fig. 3.9).....	27
	b	Upper incisors bifid (Fig. 3.9).....	28
27	a	Forearm 36 - 45; E 18 - 25; rainforest and savanna zone.	<i>Nycteris hispida</i>
	b	FA 57 - 66; E 28 - 35; rainforest zone.	<i>Nycteris grandis</i>
28	a	TLS less than 20; posterior lower premolar extremely small and hardly visible; slight concavity on outer margin of tragus.	<i>Nycteris thebaica</i>
	b	TLS more than 20; posterior molar small but visible; no concavity on outer margin of tragus.....	<i>Nycteris macrotis</i>
29	a	FA more than 57; TLS at least 29; connecting process does not stand up above level of sella (Fig. 3.11).	<i>Rhinolophus maclaudi</i>
	b	FA less than 57; TLS less than 29; connecting process stands up above level of sella.	30
30	a	Connecting process rounded (Fig. 3.11).	31
	b	Connecting process pointed (Fig. 3.11).	32
31	a	FA 50 - 53; TLS 21 - 23.	<i>Rhinolophus fumigatus</i>
	b	FA 45 - 48; TLS about 19.....	<i>Rhinolophus alticolus</i>
		African Chiroptera name	<i>Rhinolophus simulator</i>
32	a	FA 38 - 45; TLS 17 - 20; savanna habitats.....	<i>Rhinolophus landeri</i>
	b	FA 49 - 54; TLS 22 - 34; rainforest habitats	<i>Rhinolophus alcyone</i>
33	a	Central nose-leaf and posterior nose-leaf each with club-like process; FA 62-71.	<i>Hipposideros cyclops</i>
	b	Nose-leaves without club-like processes.	34
34	a	Internarial septum enlarged with lateral lobes obscuring the nostrils; FA 50-55.	<i>Hipposideros jonesi</i>
	b	Internarial septum not enlarged, nostrils visible.	35
35	a	FA 98 or greater, TLS 34 or greater, E 28 - 32; frontal sac with longitudinal slit.	<i>Hipposideros commersoni</i>
	b	FA less than 98, TLS less than 54; frontal sac, if present, with horizontal slit.	36

- 36 a Three secondary leaflets on either side of anterior noseleaf; FA 59 - 64. *Hipposideros abae*
 b Two secondary leaflets on either side of anterior noseleaf; FA 41 - 52. 37
- 37 a FA 41-44. *Hipposideros beatus*
 b FA usually more than 44. 38
- 38 a FA 43-48. *Hipposideros caffer*
 b FA 48-52. *Hipposideros ruber*
- 39 a Second phalanx of third finger about three times as long as first phalanx (Fig. 3.4).
 *Miniopterus schreibersi*
 African Chiroptera name *Miniopterus schreibersi*
 b Second phalanx of third finger less than three times as long as the first phalanx... 40
- 40 a Pelage woolly; ear funnel-shaped; tragus long and straight, tapering to a slender point. *Kerivoula smithi*
 African Chiroptera name *Kerivoula smithi*
 b Pelage generally short, not woolly; tragus not long and straight, not tapering to a slender point. 41
- 41 a Six upper and six lower cheek teeth on each side of mouth. *Myotis bocagei*
 African Chiroptera name *Myotis bocagii*
 b Less than six upper and six lower cheek teeth on each side of mouth. 42
- 42 a Four upper incisor teeth. 43
 b Only two upper incisor teeth. 46
- 43 a Upper jaw with two premolars on each side (Genus *Pipistrellus*). 49
 b Upper jaw with one premolar on each side. 44
- 44 a Second phalanx of third finger longer than first phalanx; wings white with dark reticulation, or white markings on shoulders or on dorsal surface; nasal region very short (Genus *Glauconycteris*) 51
 b Second phalanx of third finger shorter than first phalanx; wings white or dark; no white markings on shoulders or on dorsal surface of body; nasal region not particularly short. 45
- 45 a Wings extremely narrow and small in relation to size of body; tragus short and blunt; skull flat and broad. *Mimetillus moloneyi*
 b Wings not extremely narrow; tragus not particularly short and blunt (Genus *Eptesicus*). 53
- 46 a FA not less than 40; tragus long and 'sickle-shaped'; skull with mid-dorsal ridge which can be felt on top of head (Genus *Scotophilus*) 57
 b FA less than 40; tragus rounded at tip; skull without mid-dorsal ridge. 47
- 47 a Upper canines with groove on anterior surface (Genus *Scotoecus*) 48
 b Upper canines without groove on anterior surface. *Nycticeius schlieffeni*
 African Chiroptera name *Nycticeinops schlieffenii*
- 48 a Wings white; ventral pelage dark, similar to dorsal pelage; FA 30 - 31. *Scotoecus albofuscus*
 b Wings dark; ventral pelage silvery-white; FA 34 - 35. *Scotoecus hindei*
- 49 a Ventral pelage pure white; inner upper incisor teeth deeply bifid; FA 32 - 34.
 *Pipistrellus rueppelli*
 African Chiroptera name *Pipistrellus rueppellii*
 b Ventral pelage dark or grey; inner upper incisor teeth not bifid or only slightly bifid; FA less than 32. 50
- 50 a Tragus 'hatchet-shaped'; dorsal hairs dark brown with golden-brown tips; FA 25 - 32.
 *Pipistrellus nanus*
 b Tragus 'sickle-shaped'; dorsal hairs reddish-brown; FA 25 - 31. *Pipistrellus nanulus*
- 51 a Wings and interfemoral membrane pale, with bold dark reticular pattern; FA 41-45.
 *Glauconycteris variegata*
 b Wings dark, without reticular pattern; FA less than 41. 52
- 52 a Pelage grey or brownish-grey, with white shoulder spot and white lateral spot or line on each side of body; tragus short and broad. *Glauconycteris poensis*
 b Pelage dark brown or rufous-brown, without white markings except for white tuft on each shoulder; tragus long and narrow. *Glauconycteris beatrix*
- 53 a Wings white or translucent. 54
 b Wings dark. 56
- 54 a Wings very pale, contrasting with blackish-brown dorsal pelage; FA less than 32.

- *Eptesicus tenuipinnis*
 African Chiroptera name *Neoromicia tenuipinnis*
- b Wings pale, not contrasting so definitely with light-buff to dark brown dorsal pelage;
 FA usually more than 32..... 55
- 55 a Dorsal pelage dark brown to reddish-brown; ventral pelage grey, incisor teeth without
 hook on posterior surface..... *Eptesicus brunneus*
 African Chiroptera name *Neoromicia brunneus*
- b Dorsal pelage light buff to fawny-brown; ventral pelage light grey; anal region white;
 upper incisor teeth with hook on posterior surface. *Eptesicus rendalli*
 African Chiroptera name *Neoromicia rendalli*
- 56 a FA more than 45; HB 60 - 75. *Eptesicus platyops*
 b FA less than 45; HB 30 - 45. *Eptesicus capensis* group (including *Eptesicus somailcus*
 and *Eptesicus pusillus*)
- 57 a FA 80 - 88; TLS 31 - 34. *Scotophilus nigrita*
 (This should be *Scotophilus dinganii*. See Robbins (1978))
 African Chiroptera name *Scotophilus dinganii*
- b FA less than 80; TLS less than 31. 58
- 58 a FA 41 - 47; WT14 - 18; ventral pelage yellow to pale buffy-brown, never white;
 savanna zones. *Scotophilus viridis*
- b FA 49 - 57; WT 16 - 30; ventral pelage varying shades of yellow, greyish-white or
 white; rainforest or savanna zones..... 59
- 59 a FA about 55; WT about 30; dorsal pelage dark orange-brown; rainforest zone.
 *Scotophilus nux*
- b FA 49 - 57; WT usually 16 - 27; dorsal pelage brown to greyish-brown; rainforest and
 savanna zones. 60
- 60 a FA 49 - 57; WT 16 - 27; ventral pelage bright yellow, yellowish orange or pale yellow;
 rainforest and savanna zones. *Scotophilus dinganii*
- b FA 49 - 54, WT 16 - 20; ventral pelage greyish-white to white, never yellowish;
 savanna zones. *Scotophilus leucogaster*
- 61 a Tragus large, longer than antitragus and not concealed by antitragus; ears white or
 translucent, well separated and not connected by flap of skin; FA not more than 37;
 upper Incisors In contact at their bases..... *Myopterus whitleyi*
- b Tragus small concealed by antitragus (except in *Tadarida aegyptiaca*); ears not
 translucent, connected by flap of skin or at least very close together; FA 27 - 66; upper
 incisors clearly separated..... 62
- 62 a FA 27 - 31. *Tadarida nanula*
 African Chiroptera name *Mops (Xiphonycteris) nanulus*
- b FA more than 31. 63
- 63 a FA less than 43..... 64
 b FA more than 43 66
- 64 a Dorsal pelage blackish-brown; white or pale hairs on ventral surface where wings join
 flanks; mainly savanna zones. *Tadarida pumila*
 African Chiroptera name *Chaerephon pumilus*
- b Dorsal pelage dark brown or orange-brown; no white hairs on ventral surface where
 wings join flanks; rainforest zone. 65
- 65 a FA 35 - 38; dorsal pelage orange-brown to reddish-brown; flanks brownish. *Tadarida*
leonis
 African Chiroptera name *Mops (Xiphonycteris) brachypterus*
- b FA 38 - 41; dorsal pelage rich dark brown with band of black naked skin adjacent to
 wings and on rump..... *Tadarida thersites*
 African Chiroptera name *Mops (Xiphonycteris) thersites*
- 66 a FA less than 50..... 65
 b FA more than 50. 68
- 67 a Dorsal and ventral pelage dark brown, with band of long pure white hairs on ventral
 surface where wings join body; ears with particularly large flap of skin joining inner
 surfaces of ears; tuft of thickened hairs on top of head. *Tadarida nigeriae*
 African Chiroptera name *Chaerephon nigeriae*
- b Dorsal pelage reddish-brown, ventral pelage usually greyish with band of white hairs
 where wings join body; ears without particularly large flap of skin joining inner surfaces
 of ears; no tuft of thickened hairs on top of head. *Tadarida condylura*

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- 68 a African Chiroptera name *Mops (Mops) condylurus*
 FA 60 - 66. *Tadarida midas*
 African Chiroptera name *Mops (Mops) midas*
- b FA less than 60. 69
- 69 a Tragus well-developed, not obscured by antitragus; FA 44 - 53; savanna habitats.
 *Tadarida aegyptiaca*
- b Tragus small, concealed by antitragus; FA 55 - 57; rainforest habitats. *Tadarida congica*
 African Chiroptera name *Mops (Mops) congicus*

Appendix 5t: Boulay and Robbins (1989). *Epomophorus gambianus*

- 1 a Single strong transverse palatal ridge between last molars and upturned posterior edge of bony palate (bony support usually evident even if ridge cleaned of tissue); one postdental palatal ridge, length of forearm 72 to 95 (males) 68 to 88 (females) *Epomophorus wahlbergi*
- b Two weaker transverse parallel palatal ridges between last molars and upturned posterior edge of bony palate (bony supports faint if bony palate cleaned); two postdental fleshy palatal ridges 2
- 2 a Second to fourth fleshy palatal ridge divided in the middle; length of forearm 62.3 to 62.8 (males), 65.8 (females) *Epomophorus grandis*
- b Second to fourth fleshy palatal ridges undivided 3
- 3 a Fourth fleshy palatal ridge nearer third than fifth; western Angola, north-western Namibia *Epomophorus angolensis*
- b Fourth fleshy palatal ridge midway between third and fifth 4
- 4 a Condylbasal length 51.1 to 63.6 (males), 45.0 to 56.1 (females) *Epomophorus gambianus*
- b Condylbasal length less than 50 (males), 45 (females) 5
- 5 a Condylbasal length 40.0 to 48.4 (males), 37.0 to 43.9 (females) *Epomophorus labiatus*
African Chiroptera name *Epomophorus labiatus minor*
- b Condylbasal length usually less than 40 (33.0 to 40.8 in males and 31.0 to 39.0 in females) *Epomophorus minor*
African Chiroptera name *Epomophorus labiatus minor*

Appendix 5u: Happold and Happold (1989). The bats (Chiroptera) or Malawi, Central Africa: Checklist and keys for identification

- 1 a Second finger terminating in claw (Fig. 1); ear conch forms complete ring around external ear opening (Fig. 2a); tragus absent; tail absent or very small (Fig. 3a); interfemoral membrane poorly developed (Fig. 3a); no nose-leaves or fleshy outgrowths on nasal region or forehead; large eyes; cheek-teeth simple without well-developed cusps (Fig. 4) (Suborder Megachiroptera) 2
- b Second finger without terminal claw; inner and outer margins of ear conch arise at different points and are not joined at base; tragus usually present (Fig. 2b-h); tail long and interfemoral membrane well-developed in most families (Fig. 3) except Megadermatidae (Fig. 3d); nose-leaves or fleshy outgrowths present in some families (Fig. 2); eyes small and obscure; cheek-teeth with well-developed cusps (Suborder Microchiroptera) 7
- 2 a No white tufts at base of ears; five upper cheek-teeth 3
- b Conspicuous white tuft at the base of each ear (Fig. 2a); three upper cheek-teeth (Fig. 4) 4
- 3 a Forearm usually > 100 mm (110 - 130) *Eidolon helvum*
- b Forearm usually < 100 mm (80 - 105) *Rousettus aegyptiacus*
- 4 a Five prominent palatal ridges *Epomops dobsoni*
African Chiroptera name *Epomops dobsonii*
- b Six prominent palatal ridges (Fig. 4) 5
- 5 a One post-dental palatal ridge *Epomophorus wahlbergi*
- b Two post-dental palatal ridges 6
- 6 a Forearm adult male 61 - 69 mm (mean 64), adult female 58 - 64 mm (mean 61); head adult male 41 - 44 mm (mean 42), adult female 35 - 39 mm (mean 37) [but see text] *Epomophorus minor*
African Chiroptera name *Epomophorus labiatus minor*
- b Forearm adult male 80 - 86 mm (mean 83), adult female 68 - 79 mm (mean 71); head adult male 52 - 59 mm (mean 54), adult female 37 - 49 (mean 40) [but see text] *Epomophorus crypturus*
African Chiroptera name *Epomophorus gambianus crypturus*
- 7 a No visible tail (Fig 3d) (Family Megadermatidae) *Lavia frons*
- b Tail long and easily visible 8
- 8 a Part of tail free of the interfemoral membrane 9
- b Tail entirely enclosed in the interfemoral membrane 10
- 9 a Free portion of tail emerges upwards near centre of the interfemoral membrane (Fig. 3b) (Family Emballonuridae) 13
- b Free portion of tail emerges at hind margin of the interfemoral membrane (Fig. 3h) (Family Molossidae) 56
- 10 a Face simple without nose-leaves (Fig. 2g) (Family Vespertilionidae) 30
- b Face with nose-leaves (Fig. 2c-f) 11
- 11 a Face with deep slit from nostrils to forehead, bordered by nose-leaves (Fig. 2c); tragus present; tail ends in characteristic Y-shaped cartilage (Fig. 3c) (Family Nycteridae) 15
- b Face without deep slit from nostrils to forehead; nose-leaves flattish, covering whole of nasal region; tragus absent or very small; tail does not end in Y-shaped cartilage 12
- 12 a Posterior leaflet of nose-leaf triangular, with an erect fleshy point called a sella (Figs. 2e & 6a); three bones in each toe (Family Rhinolophidae) 19
- b Posterior leaflet of nose-leaf elliptical or tridentate, without a sella (Figs. 2f & 7); two bones in each toe (Family Hipposideridae) 26
- 13 a Forearm < 55 mm *Coleura afro*
- b Forearm > 55 mm 14
- 14 a Forearm 58 - 64 mm (mean 62); dorsal pelage grizzled dark and pale grey (salt-and-pepper effect); ventral pelage pure white; large gular pouch in males *Taphozous mauritanus*
- b Forearm 60 - 67 mm; dorsal pelage grey, not grizzled; ventral pelage greyish or whitish but not pure white; no gular pouch in males *Taphozous perforatus*
- 15 a Upper incisors bifid (Fig. 5a) 16
- b Upper incisors trifid (Fig. 5b) 18
- 16 a Tragus semi-lunate, base of its posterior margin not notched (Fig. 5c) 17

	b	Tragus pyriform, base of its posterior margin with a distinct notch (Fig. 5d) ... <i>Nycteris thebaica</i>	
17	a	Forearm 37 - 42 mm, pelage greyish	<i>Nycteris woodi</i>
	b	Forearm 45 - 54 mm (mean 52), pelage brownish	<i>Nycteris macrotis</i>
18	a	Forearm 36 - 45 mm; ear 18 - 25 mm	<i>Nycteris hispida</i>
	b	Forearm 57 - 67 mm (mean 64); ear 26 - 35 mm	<i>Nycteris grandis</i>
19	a	Connecting process pointed (Fig. 6b)	20
	b	Connecting process rounded (Fig. 6c-e)	21
20	a	Ratio of first phalanx of the fourth finger to the metacarpal 1:3.5 (range 3.1 - 3.9) (see Fig. 1); sella wedge-shaped	<i>Rhinolophus blasii</i>
	b	Ratio of first phalanx of the fourth finger to the metacarpal 1:4.9 (range 4.3 - 5.6) (see Fig. 1); sella with parallel sides	<i>Rhinolophus landeri</i>
21	a	Horseshoe wider than 9 mm; sella with abundant long hairs (examine under magnifying glass)	22
	b	Horseshoe usually < 9 mm; sella naked or with very few hairs (examine under magnifying glass)	23
22	a	Forearm 60 - 70 mm (mean 63); horseshoe 12 - 15 mm (mean 14)	<i>Rhinolophus hildebrandtii</i>
	b	Forearm 45 - 55 mm (mean: male 49, female 52); horseshoe 9 - 12 mm (mean 10)	<i>Rhinolophus fumigatus</i>
23	a	Forearm 50 - 57 mm (mean 53); connecting process high and rounded (Fig. 6d)	<i>Rhinolophus clivus</i>
	b	Forearm < 50 mm; connecting process low and rounded (Fig. 6e)	24
24	a	Anterior upper premolar in toothrow, upper canine not in contact with posterior upper premolar (Fig. 6f); forearm 40 - 46 mm	25
	b	Anterior upper premolar external to toothrow, upper canine in contact with posterior upper premolar (Fig. 6g); forearm 43 - 50 mm	<i>Rhinolophus darlingi</i>
25	a	Forearm 40 - 46 mm (mean 45); sella broad	<i>Rhinolophus simulator</i>
	b	Forearm 40 - 46 mm; sella narrow	<i>Rhinolophus swinyi</i>
26	a	Posterior leaflet on nose-leaf elliptical (Fig. 7a)	27
	b	Posterior leaflet on nose-leaf tridentate (Fig. 7b)	29
27	a	Forearm 79 - 115 mm	<i>Hipposideros commersoni</i>
	b	Forearm < 60 mm	28
28	a	Forearm 42 - 50 mm (mean 47); pelage either grey or pale orange; median posterior nasal compartment narrow with wide lateral inflations	<i>Hipposideros caffer</i>
	b	Forearm 48 - 54 mm; pelage either grey-brown or rufous; median posterior nasal compartment wide with narrow lateral inflations	<i>Hipposideros ruber</i>
29	a	Forearm 50 - 55 mm; nose-leaf conspicuous	<i>Triaenops persicus</i>
	b	Forearm 31 - 39 mm; nose-leaf inconspicuous	<i>Cloeotis percivali</i>
30	a	Second phalanx of third finger about three times as long as the first phalanx (Genus <i>Miniopterus</i>)	55
	b	Second phalanx of third finger approximately as long as the first	31
31	a	Ears funnel-shaped, with deep emargination below tip; tragus long, narrow and tapering to a slender point (Fig. 8m); pelage woolly (Genus <i>Kerivoula</i>)	54
	b	Ears not funnel-shaped; ears without deep emargination below tip; tragus short and broad or long and narrow but not tapering to a slender point (Fig. 8); pelage not woolly	32
32	a	Six upper cheek-teeth on each side (Fig. 9a) (Genus <i>Myotis</i>)	39
	b	Four or five upper cheek-teeth on each side (Fig. 9b-d)	33
33	a	Two upper incisors on each side (Fig. 9c)	34
	b	One upper incisor on each side (Fig. 9d)	37
34	a	Five upper cheek-teeth on each side (Fig. 9b) (Genus <i>Pipistrellus</i>)	43
	b	Four upper cheek-teeth on each side (Fig. 9c-d)	35
35	a	Ear 18 mm or more, about half length of forearm (Genus <i>Laephotis</i>)	<i>Laephotis botswanae</i>
	b	Ear < 18 mm, much less than half length of forearm	36
36	a	Lower lip with lobe at posterior angle; forearm 39 - 45 mm; nasal region very short and broad; wing membranes reticulated or not reticulated (Genus <i>Glauconycteris</i>)	51
	b	Lower lip without lobe at posterior angle; forearm 29 - 53 mm; nasal region not very short and broad; wings without (Genus <i>Eptesicus</i>)	46

37	a	Forearm 42 - 88 mm (Genus <i>Scotophilus</i>)	52
	b	Forearm 28 - 38 mm	38
38	a	Upper canine with rounded anterior face and no groove; penis not elongated, about 9 mm; forearm 29 - 33 mm (mean 31); four upper cheek-teeth on each side (Genus <i>Nycticeus</i>).....	<i>Nycticeus schlieffenii</i>
		African Chiroptera name	<i>Nycticeinops schlieffenii</i>
	b	Upper canine with broad flat anterior surface and a shallow groove; penis greatly elongated (14 mm in some specimens); forearm 28 - 38 mm; four or five upper cheek-teeth on each side (Genus <i>Scotoecus</i>)	41
39	a	Forearm 52 - 60 mm; very conspicuous pattern of orange-red and black markings on wings and interfemoral membrane	<i>Myotis welwitschii</i>
	b	Forearm 36 - 52 mm; wings and interfemoral membrane with faint markings or no markings	40
40	a	Forearm 47 - 52 mm (mean 49)	<i>Myotis tricolor</i>
	b	Forearm 36 - 42 mm (mean 39)	<i>Myotis bocagei</i>
		African Chiroptera name	<i>Myotis bocagii</i>
41	a	Wings white with brown edges; ventral pelage brown	<i>Scotoecus albofuscus</i>
	b	Wings dark brown; ventral pelage greyish-white	42
42	a	Greatest length of skull 13.5 - 15 mm; canine and cheek-teeth comparatively massive; c ¹ -c ¹ (alveoli) about 5.6 mm, (cingula) about 5.7 mm; m ³ -m ³ about 8.0 mm; c ¹ -m ³ about 6.1 mm; length of mandible about 11.5 mm.....	<i>Scotoecus albigula</i>
	b	Greatest length of skull 15.3 - 15.5 mm; canine and cheek-teeth less massive; c ¹ -c ¹ (alveoli) about 5.2 mm, (cingula) about 5.3 mm; m ³ -m ³ about 7.2 mm; c ¹ -m ³ about 5.4 mm; length of mandible about 10.3 mm	<i>Scotoecus hindei</i>
43	a	Ventral pelage pure white	<i>Pipistrellus rueppellii</i>
	b	Ventral pelage brown	44
44	a	Tragus hatchet-shaped with sharp angle on posterior border (Fig. 8e); commonly roosts in furled banana leaves	<i>Pipistrellus nanus</i>
	b	Tragus not hatched-shaped, without sharp angle on posterior border (Fig. 8f-g); not known to roost in furled banana leaves.....	45
45	a	Forearm 30 - 37 mm (mean 35); head 15.0 - 16.5 mm (mean 15.9); total length of skull more than 12 mm; forehead slightly concave; tragus as in Fig. 8f.....	<i>Pipistrellus kuhlii</i>
	b	Forearm 27 - 34 mm (mean 32); head 14.0 - 16.0 mm (mean 15.0); total length of skull 12 mm or less; forehead flat; tragus as in Fig. 8g	<i>Pipistrellus rusticus</i>
46	a	Wings white or translucent	<i>Eptesicus rendalli</i>
		African Chiroptera name	<i>Neoromicia rendalli</i>
	b	Wings with dark brown or black pigmentation	47
47	a	Forearm 44 - 53 mm	<i>Eptesicus hottentotus</i>
	b	Forearm < 40 mm	48
48	a	Forearm 34 - 38 mm	<i>Eptesicus melckorum</i>
		African Chiroptera name	<i>Neoromicia melckorum</i>
	b	Forearm 35 mm or less.....	49
49	a	Cranial portion of skull elevated above rostrum; forearm 29 - 32 mm (mean 31)	<i>Eptesicus zuluensis</i>
		African Chiroptera name	<i>Neoromicia zuluensis</i>
	b	Cranial portion of skull note elevated above rostrum; forearm 29 - 35 mm	50
50	a	Skull with posterior occipital "helmet"; forearm 29 - 35 mm (mean 32).....	<i>Eptesicus capensis</i>
		African Chiroptera name	<i>Neoromicia capensis</i>
	b	Skull without posterior occipital "helmet"; forearm 30 - 32 mm.....	<i>Eptesicus somalicus</i>
		African Chiroptera name	<i>Neoromicia somalicus</i>
51	a	Wings and interfemoral membrane conspicuously reticulated by pigmentation of the veins and therefore having a pattern of dark lines on a pale background	<i>Glauconycteris variegata</i>
	b	Wings and interfemoral membrane not reticulated and therefore without a pattern	<i>Glauconycteris argentata</i>
52	a	Forearm 77 - 88 mm	<i>Scotophilus nigrita</i>
	b	Forearm 42 - 65 mm	53
53	a	Forearm 48 - 60 mm (mean 55); head 23 - 26 mm (mean 25); tragus 9.0 - 10.5 mm (mean 9.6)	<i>Scotophilus dinganii</i>

- b Forearm 42 - 52 mm (mean 48); head 17 - 23 mm (mean 21); tragus 8.0 - 9.0 mm (mean 8.3) *Scotophilus viridis*
- 54 a Forearm 34 - 41 mm; total length skull 15 mm or more; dorsal pelage bright reddish-chestnut *Kerivoula argentata*
- b Forearm 30 - 32 mm; total length skull 13.5 mm or less; dorsal pelage brown, grey-brown or dull buffy *Kerivoula harrisoni*
- African Chiroptera name *Kerivoula lanosa*
- 55 a Forearm 42 - 45 mm, skull about 14 mm *Miniopterus fraterculus*
- b Forearm 42 - 47 mm, skull about 15 mm *Miniopterus schreibersii*
- 56 a Forearm 62 - 73 mm; ear 38 - 40 mm; ears joined together and joined to snout *Otomops martiensseni*
- b Forearm 34 - 66 mm; ear 30 mm or less; ears either joined or not joined together, but not joined to snout 57
- 57 a Forearm > 55 mm 58
- b Forearm < 55 mm 60
- 58 a Ears joined together at base; m reduced, cusps forming V pattern (Fig. 10a) *Tadarida midas*
African Chiroptera name *Mops (Mops) midas*
- b Ears not joined together; m not reduced; cusps forming N pattern (Fig. 10b) 59
- 59 a Forearm 57 - 62 mm; total length skull 22.0 - 22.9 mm *Tadarida fulminans*
- b Forearm 60 - 67 mm; total length skull 23.5 - 25.7 mm *Tadarida ventralis*
- 60 a Forearm 43 - 53 mm 61
- b Forearm 34 - 42 mm 64
- 61 a Ventral pelage with white, off-white or very pale grey-brown area, especially on abdominal region; dorsal pelage conspicuously darker than ventral pelage; m reduced, cusps forming V pattern (Fig. 10a) 62
- b Ventral pelage usually dark brown, sometimes tinged with grey; dorsal pelage usually same as ventral pelage or only slightly darker (in *T. aegyptiaca*, some individuals have off-white and pale grey-brown ventral pelage); m not reduced, cusps forming N or W pattern (Fig. 10b-c) 63
- 62 a Crown of head darker than back; skull with sagittal crest low or absent; third commissure of m obsolete *Tadarida niveiventer*
African Chiroptera name *Mops (Mops) niveiventer*
- b Crown of head same colour as back; skull with well-developed sagittal crest; third commissure of m present although reduced *Tadarida condylura*
African Chiroptera name *Mops (Mops) condylurus*
- 63 a Ears joined at base; pattern of white spots or short stripe on crown of head and sometimes on shoulders and flanks *Tadarida bivittata*
African Chiroptera name *Chaerephon bivittatus*
- b Ears separate; no white spots or striped on crown of head, shoulders or flanks *Tadarida aegyptiaca*
- 64 a Males with long (13 - 14 mm) bicoloured post-aural crest with basal half of hairs reddish-brown, remainder white; forearm 34 - 39 mm *Tadarida chapini*
African Chiroptera name *Chaerephon chapini*
- b Males with short (10 mm or less) unicoloured post-aural crest; forearm 36 - 42 mm (mean 38) *Tadarida pumila*
African Chiroptera name *Chaerephon pumilus*

Appendix 5v: Kowalski and Rzebik-Kowalska (1991). Mammals of Algeria.

- 1 a Tail with terminal portion free, emerging from upper surface of interfemoral membrane (Family Emballonuridae)..... *Taphozous nudiventris*
 b Tail enclosed within interfemoral membrane or projecting from its margin..... 2
- 2 a Free portion of tail very slender, much longer than interfemoral membrane (Family Rhinopomatidae)..... *Rhinopoma hardwicki*
 African Chiroptera name *Rhinopoma hardwickii*
 b Free portion of tail stout, not longer than interfemoral membrane or tail enclosed within membrane..... 3
- 3 a Complicated skin folds including a nose-leaf present around the nose (Family Rhinolophidae)..... 4
 b Muzzle without skin folds. 10
- 4 a Tail protruding from the membrane for more than 3 mm. *Asellia tridens*
 b Tail entirely enclosed within interfemoral membrane (Genus *Rhinolophus*)..... 5
- 5 a Large, forearm usually more than 53 mm long. Noseleaf with superior connecting process of sella blunt in side view. *Rhinolophus ferrumequinum*
 b Size medium or small, forearm usually less than 53 mm long. Noseleaf with superior connecting process of sella blunt or pointed in side view. 6
- 6 a Small, forearm less than 40 mm long. Noseleaf with superior connecting process blunt in side view, its base projecting prominently forwards. *Rhinolophus hipposideros*
 b Medium size, forearm between 43 and 53 mm long..... 7
- 7 a Noseleaf with superior connecting process of sella pointed in side view. Small: forearm usually 43-49 mm long..... 8
 b Noseleaf with superior connecting process of sella blunt in side view. Large: forearm usually 48-53 mm long. 9
- 8 a First phalanx of fourth finger more than half as long as the second. *Rhinolophus blasii*
 b First phalanx of fourth finger less than half as long as second. .. *Rhinolophus euryale*
- 9 a First phalanx of fourth finger more than half as long as the second. *Rhinolophus clivosus*
 b First phalanx of fourth finger less than half as long as second. .. *Rhinolophus mehelyi*
- 10 a About half of tail free, projecting beyond posterior edge of narrow interfemoral membrane (Family Molossidae)..... 11
 b Tail entirely enclosed in interfemoral membrane or only its tip protruding from it (Family Vespertilionidae)..... 12
- 11 a Large, forearm more than 54 mm long. Three pairs of lower incisors. *Tadarida teniotis*
 b Small, forearm less than 54 mm long. Two pairs of lower incisors. *Tadarida aegyptiaca*
- 12 a One pair of upper incisors. Ears very large. *Otonycteris hemprichi*
 African Chiroptera name *Otonycteris hemprichii*
 b Two pairs of upper incisors. 13
- 13 a Three pairs of premolars in upper jaws (Genus *Myotis*)..... 14
 b One or two pairs of premolars in upper jaws. 17
- 14 a Large, forearm more than 50 mm long. *Myotis blythi*
 African Chiroptera name *Myotis blythii*
 b Small, forearm less than 45 mm long..... 15
- 15 a Hind foot very large, three-quarters length of tibia. *Myotis capaccinii*
 b Hind foot smaller, about half length of tibia. 16
- 16 a Posterior edge of ear conspicuously indented above half its length. Posterior margin of interfemoral membrane with single soft hair..... *Myotis emarginatus*
 b Posterior edge of ear with slight indentation. Posterior margin of interfemoral membrane covered with stiff, curved hair..... *Myotis nattereri*
- 17 a Ears very large, about 35 mm long, joined across the forehead... *Plecotus austriacus*
 b Ears not very large, widely separated from each other. 18
- 18 a Three pairs of lower premolars. Terminal portion of unspanned wings curves inward. *Miniopterus schreibersii*
 African Chiroptera name *Miniopterus schreibersii*
 b Two pairs of lower premolars. Terminal portion of unspanned wing does not curve inward. 19
- 19 a One pair of upper premolars. *Eptesicus serotinus*

	b	Two pairs of upper premolars.	20
20	a	Large, forearm more than 40 mm long. Wings narrow (Genus <i>Nyctalus</i>).	21
	b	Small, forearm less than 37 mm long. Wings broad (Genus <i>Pipistrellus</i>).	22
21	a	Forearm more than 50 mm long.	<i>Nyctalus noctula</i>
	b	Forearm less than 46 mm long.	<i>Nyctalus leisleri</i>
22	a	First upper incisor unicuspid.	<i>Pipistrellus savii</i>
		African Chiroptera name	<i>Hypsugo savii</i>
	b	First upper incisor bicuspid.	23
23	a	Wing membrane with white margin.	24
	b	Wing membrane without white margin.	25
24	a	LC-M ³ more than 4.5 mm. Forearm 31-36 mm.	<i>Pipistrellus kuhlii</i>
	b	LC-M ³ less than 4.5 mm. Forearm 29-33 mm.	<i>Pipistrellus deserti</i>
25	a	Ventral fur white.	<i>Pipistrellus rueppellii</i>
		African Chiroptera name	<i>Pipistrellus rueppellii</i>
	b	Ventral fur brown.	<i>Pipistrellus pipistrellus</i>

Appendix 5w: Peterson et al. (1995). Faune de Madagascar: Chiroptères

- 1 a Seconde phalange du troisième doigt à peu près trois fois plus longue que la première. Boîte crânienne haute et ronde (genus *Miniopterus*)..... 5
 b Seconde phalange du troisième doigt pas particulièrement longue 2
- 2 a Six dents génales (1), haut et bas, de chaque côté *Myotis*
 b Moins de six dents génales, haut et bas, de chaque côté 3
- 3 a Cinq dents génales, haut et bas, de chaque côté. Deux incisives supérieures de chaque côté *Pipistrellus*
 b Quatre dents génales supérieures et cinq dents génales inférieures de chaque côté 4
- 4 a Deux incisives supérieures de chaque côté *Eptesicus*
 b Une incisive supérieure de chaque côté *Scotophilus*
- 5 a Avant-bras mesurant plus de 46 mm (X = 48.4; 46.7-49.9) plus grande longueur de la tête dépassant 16.0 mm (X = 16.7; 16.1-17.0) *Miniopterus gleni*
 b Avant-bras en général de moins de 46 mm; plus grande longueur de la tête inférieure à 16.0 mm en général 6
- 6 a Avant-bras de plus de 40 mm 7
 b Avant-bras de moins de 40 mm *Miniopterus manavi*
- 7 a Plus grande longueur du crâne pas inférieure à 15.0 mm (X = 15.5; 15.0-16.1). Avant bras X = 44.2 (41.8-46.6); M³-M³: X 6.5 (6.3-6.8) *Miniopterus majori*
 b Plus grande longueur du crâne en général inférieure à 15.0 mm (X = 14.8; 14.5-15.1). Avant-bras X = 42.8 (40.7 - 44.4). M³-M³: X 5.9 (5.7-6.0) ... *Miniopterus fraterculus*
- 8 a Oreilles simples et séparées par un espace à leur base 9
 b Oreilles naissant à peu près au même point ou réunies au-dessus du front 16
- 9 a Palais échancré en avant; antitragus bas ou indistinct et plus large que long; fossettes du basisphénoïde absentes ou peu développées ; troisième commissure de M³ égale ou plus longue que la seconde 10
 b Palais non échancré en avant; antitragus bien développé, en général plus haut que large 12
- 10 a Crâne très plat et large 11
 b Crâne pas très plat; deux ou trois paires d'incisives inférieures une ou deux prémolaires supérieures *Mormopterus*
- 11 a Avant-bras à granulations verruqueuses; glande gulaire avec des poils internes bien développés; une prémolaire supérieure; échancrure antérieure du palais étroite; processus lacrymal du rostre très large *Platymops*
 b Avant-bras lisse; glande gulaire différente; rostre à naseaux développés et ouverture nasale courte; deux prémolaires supérieures; échancrure palatale antérieure large; processus lacrymal du rostre relativement étroit *Sauromys*
- 12 a Crâne et corps massifs; pelage absent sur presque tout le corps; pas de fossettes basisphénoïdiennes; une paire d'incisives inférieures et de prémolaires supérieures *Cheiromeles*
 b Crâne et corps non massifs; pelage normal 13
- 13 a Fossettes du basisphénoïde profondes et bien développées; une paire d'incisives inférieures et de prémolaires supérieures *Myopterus*
 b Fossettes du basisphénoïde absentes ou peu développées; une ou deux paires d'incisives et de prémolaires supérieures 14
- 14 a Crâne aplati; troisième commissure de M³ bien développée; deux paires d'incisives inférieures et de prémolaires supérieures; fossettes du basisphénoïde superficielles, mais bien marquées et circulaires ; incisives supérieures nettement écartées; mandibule à branche ascendante élevée et angle en cylindre allongé ; lèvres à rides ; avant-bras à granulations verruqueuses *Neoplatymops*
 b Crâne pas aplati ; incisives supérieures contiguës; deux prémolaires supérieures; une ou deux incisives inférieures; pas de fossettes basisphénoïdiennes, ou fossettes indistinctes, ou de contour elliptique; mandibule à branche ascendante plus basse et angle largement tronqué; lèvres lisses; avant-bras normal, sans granulations verruqueuses 15
- 15 a Une paire d'incisives inférieures, troisième commissure de M³ bien développée, à peu près égale à la moitié de la seconde palais nettement en dôme ; secondes phalanges des 3ème et 4ème doigts égales ou plus longues que la première ; oreilles à sommet allongé et pointu, unies à la tête par un pli mobile *Molossops*

- b Deux paires d'incisives inférieures ; troisième commissure de M³ très réduite; fossettes du basisphénoïde absentes ou indistinctement ovalaires (pas elliptiques); palais pas nettement bombé ; seconde phalange des troisième et quatrième doigts bien plus courts que la première; oreille à sommet arrondi et obtus sans pli mobile l'unissant à la tête *Cynomops*
- 16 a Oreilles longues, soudées à la base; pas d'antitragus; zygoma à saillie dorsale élevée; crâne allongé et relativement étroit; fossettes du basisphénoïde très profondes et grandes *Otomops*
- b Oreilles, zygoma et fossettes du basisphénoïde différents 17
- 17 a Crâne relativement épais et court à crête sagittale nette; lèvres lisses; oreilles relativement courtes; naissant à peu près au même point 18
- b Crâne ni épais, ni court; antitragus relativement grand; fossettes du basisphénoïde en général développées mais de taille et de forme variables; partie antérieure du palais ou fermée ou échancrée; troisième commissure de M³ variable; deux ou trois paires d'incisives inférieures *Eumops et/ou Tadarida*
- 18 a Deux paires de prémolaires supérieures; palais fortement bombé..... *Promops*
- b Une paire de prémolaires supérieures ; palais non fortement bombé *Molossus*

Appendix 5x: Bergmans (1997). Taxonomy and biogeography of African fruit bats (Mammalia, Megachiroptera).5. The genera Lissonycteris Andersen, 1912, Myonycteris Matschie, 1899 and megaloglossus Pagenstecher, 1.885; General remarks and conclusions; Annex: Key to all species

- 1 a Facial fur with contrastingly white patches on nose and behind eyes, and/or at anterior and posterior ear bases; three upper and live lower cheek teeth (in one species four or five upper, and five to six lower cheek teeth) 2
- b No white facial fur patches or tufts at ear bases; five upper and six (in one species five) lower cheek teeth 18
- 2 a White fur patches on nose and behind eyes; in one species, white fur tufts also at ear bases 3
- b White fur tufts at ear bases only 5
- 3 a Cheeks and lips conspicuously white; ear tips rather rounded; Fa MM 49 -55, FF 54 - 64; weight MM 26, FF 28 - 34; finger joints contrastingly yellow; canines simple; forests of Cameroun and Zaïre *Casinycteris argynnus*
- b Cheeks and lips not conspicuously white; ears tips either rounded or slightly pointed; finger joints dark and Fa under 57, or finger joints contrastingly coloured and Fa over 70; canines simple or with extra cusp 4
- 4 a Finger joints as dark as wing membranes; ear tips rounded; Fa MM 45 - 55, FF 47 - 57; weight MM 16 - 24, FF 18 - 27; canines simple; forests of Liberia to East Zalre (discontinuous) *Scotonycteris zenkeri*
- b Finger joints whitish or yellowish; ears slightly pointed; Fa MM 74 - 79, FF 75 - 88; weight MM 65 - 71, FF 65 - 95; canines with second, inner cusp; locally in forests of Liberia, Ghana, Cameroun and Congo *Scotonycteris ophiodon*
- 5 a White ear base tufts not very distinct; anterior end of muzzle truncated and with a fleshy plate (fig. 1); Fa MM 120 - 139, FF 111 - 128; weight MM 290 - 420, FF 207 - 302; no white shoulder tufts; forests, sometimes woodlands, of Sierra Leone to Uganda, southwards to Angola *Hypsignathus monstrosus*
- b White ear base tufts conspicuous; muzzle simple (fig. 2); Fa under 105; adult males with retractable white shoulder tufts (not known for Plerotes) 6
- 6 a Interfemoral membrane extremely narrow; calcar absent; cheek teeth reduced in height and width and variable in number: Four or five upper and five or six lower cheek teeth; woodlands of Angola, South Zaire, North Zambia; Fa 1 M 50, 2 FF 50 - 52.5; weight not known *Plerotes anchietae*
- b Interfemoral membrane relatively well developed (fig. 3); calcar present; cheek teeth not much reduced; three upper and five lower cheek teeth (very incidentally rudimentary extra teeth); Fa range variable 7
- 7 a Three thick palatal ridges in front, followed by five to eight thinner ridges (figs. 4-5); Fa over 75 8
- b Five to nine thick ridges, followed by two to four thinner ridges; Fa variable 9
- 8 a Third ridge normally whole; thin ridges rather narrowly divided medially (posterior ones whole) and finely serrate (fig. 4); Fa MM 83 - 101, FF 76 - 97; weight MM 92 - 172, FF 61 - 130; Sierra Leone, eastern Ivory Coast to Uganda, southwards to Angola and Zambia *Epomops franqueti*
- b Third ridge normally divided medially; first four or five thin ridges clearly divided medially, irregularly serrate, each half generally with one large central projection pointing forward (5); posterior thin ridges undivided and more evenly serrated; Fa MM 88 - 103, FF 82 - 95; weight MM 133 - 198, FF 94-132; Guinea to Ghana, locally in Nigeria *Epomops buettikoferi*
- 9 a Five thick palatal ridges; second ridge wide and indistinctly bifurcate at its extremities; fourth and fifth postdental, each with two large projections, often triangular and pointing forward; three to four thin, serrated ridges (fig. 6); Fa MM 84 - 94, FF 80 - 89; weight not known; woodlands of Central Angola, southeast Zaire, Zambia, Malawi and eastern Tanzania and Rwanda *Epomops dobsonii*
- b At least six thick palatal ridges; ridge pattern different 10
- 10 a Nine thick or partially thick ridges: three whole, the fourth narrowly divided in same specimens, the fifth to eighth or ninth medially notched with thick, prominent central portions and thin lateral parts; and three or four thin ridges (fig. 7); Fa MM 44 -50, FF

- 45 - 54; weight MM 19 - 21, FF 23 - 27; forests and woodlands from Guinea to Central African Republic..... *Nanonycteris veldkampii*
 African Chiroptera name *Plerotes anchietae*
- 11 b At most six thick palatal ridges..... 11
 a Six thick palatal ridges, one or two being postdental: first undivided, second to fourth either undivided or divided in the middle, fifth and sixth notched or narrowly divided; ridges never mutually fused 12
 b Essentially six thick palatal ridges but fusions between second and third and sometimes others may obscure the picture; first ridge prominent and undivided, second and third either prominent or weak, fourth to sixth prominent; second to sixth palatal ridges divided by a deep, continuous median groove narrowing posteriorly 17
- 12 a Second to sixth ridges medially divided (fig. 8); Fa 2MM 62.3 - 62.8, 1 F 65.8; weight not known; probably woodland, southern Congo, probably southern Zaïre, and northern Angola *Epomophorus grandis*
 b Second to fourth ridge undivided 13
- 13 a Five thick palatal ridges interdental and only one clearly postdental (fig. 9); Fa MM 72.3 - 94.9, FF 67.7 - 87.5; weight MM 60 - 124, FF 54 - 125; woodlands of Angola, Congo, Gabon, Zaïre, Zambia, East Africa between 4 and 34 S.....*Epomophorus wahlbergi*
 b Four thick palatal ridges interdental, fifth and sixth postdental (fifth exceptionally partly interdental)..... 14
- 14 a Fourth thick palatal ridge clearly nearer third than fifth (fig. 10); Fa MM 85.2 - 93.9, FF 81.1 - 85.5; weight not known; woodlands West Angola and North Namibia
*Epomophorus angolensis*
 b Fourth thick palatal ridge about halfway between third and fifth (fig. 11) 15
- 15 a Larger, on average; Fa MM 80.0 - 100.0, FF 75.0 - 94.8; weight MM 91 -155, FF 56 - 130; mainly woodlands, from Senegal to Central African Republic, in Ethiopia, and East Africa south of Lake Tanganyika..... *Epomophorus gambianus*
 b Smaller, on average; Fa MM below 81, FF below 79; weight MM below 100, FF below 85..... 16
- 16 a Fa range in MM 66.7 - 80.3, in FF 64.8 - 78.3; weight MM 54 - 99, FF 51 - 81; mainly woodlands, northeast Nigeria, south Sudan to Eritrea and to northwest Tanzania; known from few localities in Congo, Malawi and southeast Kenya.....*Epomophorus labiatus*
 b Fa range in MM 57.0 - 68.9, in FF 54.1 - 67.6; weight MM 32 - 58, FF 25 - 62; mainly woodlands East Sudan, Ethiopia, Somalia, lower parts of Kenya to South Malawi
*Epomophorus minor*
 African Chiroptera name *Epomophorus labiatus minor*
- 17 a All six thick palatal ridges prominent (fig. 12); second and third ridges may be fused, occasionally also third and fourth; Fa MM 46 - 55, FF 49 - 56; weight MM 24 - 35, FF 20 - 34; woodlands Gambia to Ethiopia and West Kenyan border, southward to Central Angola and southeast Zaïre..... *Micropteropus pusillus*
 b Second and third palatal ridge weakly developed (apparently fused in part of the specimens) (fig. 13); Fa 1 M 58.1, 3 FF 57.2 - 63.6; weight not known; woodland and forest mosaic of western South Zaïre and adjoining Angola.....*Micropteropus intermedius*
- 18 a Fa MM 38 - 50, FF 38 - 49; weight MM 11 - 20, FF 13 - 21; no tail; tongue highly extensible, with pointed, densely papillate tip; cheek teeth extremely reduced in height and width; males with ventral collar of thick, whitish hairs; forests Liberia and Guinea to Uganda, southwards to Angola and southeast Zaïre.....*Megaloglossus woermanni*
 b Fa more than 55; tail present or absent; tongue not highly extensible, with rounded tip, not densely papillate; cheek teeth variable; males with or without collar but collar never whitish..... 19
- 19 a Short hut distinct external tail 20
 b No external tail 29
- 20 a Toes partially webbed (fig. 14); Fa range 54 - 90; length second digit 71 - 81 % of Fa; tibiae wholly or partly furred; MM with ruff of thick hairs; upper alveolar line with weak angle between third and fourth premolar (fig. 15); cheek teeth squarish or oblong (fig. 16); simplified palatal ridge pattern 7 + 2 (fig. 17) 21
 b Toes not webbed; Fa 66 - 107; length second digit 64 - 71 % of Fa; tibiae practically naked or, when furred, in combination with laterally depressed cheek teeth (fig. 18);

- MM without ruff of thick hairs; upper alveolar line practically straight (fig. 19); cheek teeth oblong, laterally depressed in one species; simplified palatal ridge pattern 7 + 1 (fig. 20) 24
- 21 a Fa MM 68 - 88, FF 67 - 90; weight MM 60 - 97, FF 60 - 100; third metacarpal length 73 - 75% of Fa; tibia length 42 - 46% of Fa; tibia dorsally furred; P⁴ and M¹ squarish in outline; two I/1 present; M/3 reduced but present; forests Guinea-Bissau to Central African Republic, southern Congo and northwestern Angola, and mountainous areas in eastern Central and East Africa from South Ethiopia to Zimbabwe and Mozambique *Lissonycteris angolensis*
- b Fa 54 - 76; third metacarpal length 67 - 73% of Fa; tibia length 36 - 43% of Fa; distal quarter to third of tibia dorsally practically naked; P⁴ and M¹ oblong in outline; two or one I/1, present; M/3 reduced or absent 22
- 22 a Fa 65 - 76; weight 1 M 48, 1 F 56; interfemoral membrane only furred near legs; simplified palatal ridge pattern 6 + 2 (possibly also 7 + 2); two I/1 present; M/3 absent; forests southeast Kenya, eastern Tanzania, East Zimbabwe *Myonycteris relicta*
African Chiroptera name *Myonycteris (Myonycteris) relicta*
- b Fa 54 - 68; interfemoral membrane wholly furred; simplified palatal ridge pattern 7 + 2; either one or two I/1; M/3 reduced but normally present; West and Central Africa. 23
- 23 a Fa 54 - 68; weight MM 27 - 51, FF 31 - 60; two I/1; C/1 at least as high as P/3; P/4 with fused inner and outer ridges (fig. 21); forests from Guinea to northeast Zaïre, southwards to northwest Angola and North Zambia *Myonycteris torquata*
African Chiroptera name *Myonycteris (Myonycteris) torquata*
- b Fa <= 62 - 65; weight not known; one lower incisor; C/1 lower than P/3; P/4 with inner and outer ridges widely and deeply separated (fig. 22); forests of Sao Tome *Myonycteris brachycephala*
African Chiroptera name *Myonycteris (Phygetis) brachycephala*
- 24 a Fa 66 - 107; weight MM below 180, FF below 165; back fur generally relatively dark brownish or reddish brown, never yellowish; back fur not sharply demarcated from wing membrane; tibiae practically naked or, if furred, in combination with reduced, laterally depressed cheek teeth; simplified palatal ridge pattern 7 + 1 (occasionally 8 + 1); wing inserted at first or second toe or in between 25
- b Fa 109 - 134; weight MM above 200, FF above 175; back fur grizzled straw-yellow and hair-brown, closely adpressed, sharply demarcated from wing membrane, or, in combination with a Fa of over 120, greyish brown, more woolly, less adpressed and less sharply demarcated; cheek teeth never laterally depressed; simplified palatal ridge pattern 7 + 3; wing inserted at first toe 28
- 25 a Fa 85 - 107; tibia furred or naked 26
- b Fa 66 - 77; tibia practically naked. 27
- 26 a Fa MM 85 - 94, FF 85 - 95; weight MM 102 - 140, FF 94 - 162; fur long, tibiae dorsally furred; wing insertion at second toe (occasionally between second and first); cheek teeth narrow, with widths of large premolars and molars half their lengths or slightly more; mostly above 1000 m in mountainous areas of southeast Ethiopia, South Sudan, East Zaire, Uganda, Kenya, Tanzania, Malawi *Rousettus lanosus*
- b Fa MM 85 - 107, FF 82 - 107 (southwest Asia: MM 85 - 95, Ff 79 - 92); weight MM 111 - 168, FF 100-155 (Asia: MM 98 - 128, FF not known); fur short, tibiae dorsally practically naked; wing insertion at first toe (occasionally between first and second); widths of large premolars and molars clearly larger than half their lengths; predominantly lowland areas in Egypt to Turkey and Pakistan, from Gambia to Cameroun, southwards to northwest Angola, including Guinea Gulf islands, and from Ethiopia to South Africa, including continental islands *Rousettus egyptiacus*
African Chiroptera name *Rousettus aegyptiacus*
- 27 a Fa MM 71 - 77, FF 70 - 75; weight not known; wings inserted at base of second toe; widths of large premolars and molars clearly larger than half their lengths; the Comoros *Rousettus obliviosus*
- b Fa MM 67 - 76, FF 66 - 77; weight MM 60 - 83, FF 44 - 61; wings inserted between first and second toe; width of premolars and molars half their lengths or only slightly more; Madagascar *Rousettus madagascariensis*
- 28 a Fa MM 129 - 134, FF 122 - 130; weight MM 245 - 340, FF 220 - 330; fur rather long and woolly, light greyish brown; back fur colour not sharply demarcated from wing membrane; tooth rows only weakly diverging backwards; premaxillae proclivous, with

- a distinct space between I² and C¹ when viewed from lateral; P⁴ and M¹ with thick inner ridge and distinct median grooves; M² wider than long; lower incisors forming a semicircle; P/4 with a rudimentary anterior and a distinct posterior inner cusp; M/1 with thick inner and outer ridges; Madagascar..... *Eidolon dupreanum*
- b Fa MM 109 - 131, FF 111 - 134; weight MM 212 - 311, FF 183 - 350; fur short, closely adpressed, grizzled straw-yellow and hair-brown; back fur colour sharply demarcated from wing membrane; tooth rows diverging backwards; hardly or no space between I² and C¹ when viewed from lateral; P⁴ and M¹ with weak inner ridges and indistinct median grooves; M² longer than wide; lower incisors forming an almost straight row; P/4 without inner cusps; M/1 with thin inner and outer ridges; mainland Africa except deserts, and southwest Arabian Peninsula..... *Eidolon helvum*
- 29 a Fa below 110; ear length c. 12, ear nearly concealed in fur; tibia dorsally furred; Mauritius, Reunion (extinct) *Pteropus subniger*
- b Fa more than 110; ear length more than 20 30
- 30 a Ear length usually 25 or more, ear subacutely pointed, well exposed; interfemoral membrane welldeveloped (up to about 15) in the middle 31
- b Ear: either less than 25 long, pointed and largely concealed in the fur, or more than 25 long, rounded off and wellexposed; interfemoral membrane very narrow (some mm only) in the middle..... 34
- 31 a Larger: Fa MM 168 - 171, FF 153 - 168; ear length 35 - 38; back fur dark brown, without admixed lighter hairs; Madagascar *Pteropus rufus*
- b Smaller: Fa generally less than 164 in MM and than 159 in FF; ear length variable; back fur colour variable but in larger specimens, with Fa \geq 145, blackish brown with admixed whitish and/or reddish brown hairs; not on Madagascar 32
- 32 a Smaller: Fa MM 133 - 141; proximal part of dorsal side of tibia thickly furred, fur thinning out on distal part; weight MM 257 - 395, weight FF not known; Aldabra atoll *Pteropus aldabrensis*
- b Larger: Fa 145 or more; dorsal side of tibia at most partly thinly haired hut essentially naked; weight MM 470 - 610, FF 430 - 600..... 33
- 33 a Fa MM 147 - 159, FF 151 - 155; ear length 29 - 37; fur of head golden yellowish or brownish yellow, fur of mantle golden yellowish or orange brown; weight MM 479 - 604, FF 450 - 508; Seychellen, Comoren, Mafia..... *Pteropus seychellensis*
- b Fa MM 149 - 164, FF 145 - 159; ear length 26 - 28; fur of head mainly dark brown or reddish orange-brown, fur of mantle reddish in appearance; weight MM 470 - 610, FF 430 - 600; Pemba *Pteropus voelzkowi*
African Chiroptera name *Pteropus voelzkowi*
- 34 a Large: Fa MM about 159 - 171, FF about 150 - 162; ear pointed, length c. 21, almost hidden in the long fur; back fur with a dark brown spinal track and buff on the sides; dorsal side of tibia furred; Mauritius, Reunion *Pteropus niger*
- b Either the same size or larger hut with exposed, rounded ear and dorsal side of tibia essentially naked, or much smaller, with Fa less than 140; back fur with out colour contrast..... 35
- 35 a Fa 161 - 172; ear semi-circular rounded off, exposed; ear length about 30; dorsal side of tibia essentially naked; Comoros..... *Pteropus livingstonii*
- b Fa MM 121 - 134, FF 123 - 129; ear pointed, almost hidden in the long fur; ear length about 22.5; dorsal side of tibia furred; weight MM 216 - 295, FF 204 - 306; Rodrigues, Round Island..... *Pteropus rodricensis*

Appendix 5y: Bouchard (1998). *Chaerephon pumilus*

1	a	Ears conjoined	2
	b	Ears separated	6
2	a	Ears conjoined by triangular lappet of skin.....	3
	b	Ears conjoined by unstructured band of skin.....	5
3	a	Large paired nasal inflations; length of forearm 37 - 39 mm ... <i>Chaerephon gallagheri</i>	
	b	No nasal inflations; length of forearm 42 - 50 mm.....	4
4	a	Color uniformly brown with white belly stripe; lack of well defined interaural pocket; length of forearm 42 - 44 mm.....	<i>Chaerephon major</i>
	b	Color blackish brown dorsally and no white stripe ventrally; well defined interaural pocket; length of forearm 46 - 50 mm	<i>Chaerephon johorensis</i>
5	a	Color uniformly brown; length of forearm 48 - 54 mm	<i>Chaerephon jobensis</i>
	b	Color dark brown dorsally and lighter ventrally; length of forearm 40 - 50 mm	<i>Chaerephon plicata</i>
6	a	Size larger, length of forearm 42 - 52 mm.....	7
	b	Size smaller, length of forearm 34 - 42 mm.....	12
7	a	Paired caudal glands opening as slits on either side of tail root below; length of forearm 46 - 47 mm	<i>Chaerephon bemmeleni</i>
		African Chiroptera name	<i>Chaerephon bemmeleni</i>
	b	Without such glands; length of forearm 42 - 52 mm.....	8
8	a	White spots, stripes, or lateral bands	9
	b	Without white marks.....	10
9	a	Color umber brown with variable pattern of white spots or short stripes arranged laterally on crown and sometimes also on shoulders and flanks; length of forearm 46 - 51 mm.....	<i>Chaerephon bivittata</i>
		African Chiroptera name	<i>Chaerephon bivittatus</i>
	b	Conspicuous white lateral band below, along flanks at junction with membrane, contrasting with very dark brown color above and below; length of forearm 44 - 50 mm	<i>Chaerephon nigeriae</i>
10	a	Color umber brown, top of head, neck and throat darker, almost black; length of forearm 46 - 48 mm	<i>Chaerephon ansorgei</i>
	b	Color uniformly russet brown; length of forearm 42 - 52 mm.....	11
11	a	Length of forearm 42 - 46 mm.....	<i>Chaerephon russata</i>
		African Chiroptera name	<i>Chaerephon russatus</i>
	b	Length of forearm 50 - 52 mm.....	<i>Chaerephon aloysiisabaudiae</i>
12	a	Length of forearm 34 - 39 mm; males with long (13 - 14 mm) bicolored postaural crest (dark basally, pale apically); light wings; color below light with whitish band down to the mid-belly	<i>Chaerephon chapini</i>
	b	Length of forearm 37 - 42 mm; males with short (<= 10 mm) unicolored postaural crest; wings dark or light; color below variable, with or without white on the median area	<i>Chaerephon pumilus</i>

Appendix 5z: Colket and Wilson (1998). *Taphozous hildegardeae*

- 1 a Frontal region of skull only weakly concave. Rump and pygal areas at least partly naked. Occipital "helmet" on skull more or less developed (Subgenus *Liponycteris*) 2
 b Frontal region of skull strongly concave. Rump and pygal areas well haired. No occipital "helmet" on skull (Subgenus *Taphozous*)..... 3
- 2 a Small (forearm length 61 - 69 mm). A slight but definite concavity in the frontal region. Hairless rump and pygal areas relatively small. Occipital "helmet" of skull poorly developed *Taphozous hamiltoni*
 b Larger (forearm length 66 - 79 mm). Frontal concavity virtually absent. Hairless rump and pygal areas relatively large. Occipital "helmet" well developed *Taphozous nudiventris*
- 3 a Gular sac present..... 4
 b Gular sac absent..... 8
- 4 a Distinctive color pattern, grizzled gray dorsally and white ventrally *Taphozous mauritianus*
 b Color uniform dorsally and only slightly paler, if at all, ventrally..... 5
- 5 a Basisphenoid pits broad..... 6
 b Basisphenoid pits narrow or medium in width 7
- 6 a Size medium (forearm length 63 - 67 mm). Anterior ventral mandibular emargination strong. Australia and New Guinea..... *Taphozous australis*
 African Chiroptera name *Taphozous perforatus sudani*
 b Size relatively small (forearm length 55 - 62 mm). Anterior ventral mandibular emargination weak. SE Asia *Taphozous longimanus*
- 7 a Size larger (forearm length 63 - 72 mm). Anterior ventral mandibular emargination strong..... *Taphozous hilli*
 b Size smaller (forearm length 58 - 63 mm). Anterior ventral mandibular emargination weak *Taphozous kapalgensis*
- 8 a Blackish or reddish beard-like throat patch variably developed in males..... 9
 b No differentiated throat patch present 11
- 9 a Size relatively large (forearm length 69 - 73 mm)..... *Taphozous theobaldi*
 b Size medium (forearm length 60 - 70 mm)..... 10
- 10 a Braincase relatively broad. Fur relatively pale in color. Africa *Taphozous hildegardeae*
 b Braincase relatively slender. Fur relatively dark in color. SE Asia *Taphozous melanopogon*
- 11 a Size relatively large (forearm length, 70 - 75 mm)..... *Taphozousroughtoni*
 b Size medium (forearm length 57 - 71 mm)..... 12
- 12 a Smaller (forearm length 57 - 67 mm), ears relatively short (17 - 20 mm). Africa and Asia..... *Taphozous perforatus*
 b Larger (forearm length 64 - 71 mm), ears longer (21 - 22 mm). Australia . *Taphozous georgianus*

Appendix 5aa: Owen-Ashley and Wilson (1998). *Micropteropus pusillus*

- 1 a Size smaller, length of forearm 46.4 - 55.7 mm; greatest length of skull 26.8 - 31.0 mm; halves of palatal ridges 4 - 6 united to ridge 3 and to each other . *Micropteropus pusillus*
- b Size larger, length of forearm 57.2 - 63.6 mm; greatest length of skull 32.0 - 33.3 mm; halves of palatal ridges 4 - 6 separated *Micropteropus intermedius*

Appendix 5ab: Taylor (1998). The smaller mammals of KwaZulu-Natal.

- 1 a Tail reduced or absent; face dog-like; second digit ending in claw; cheekteeth simple without well developed cusp pattern (Suborder Megachiroptera) 2
 b Tail well developed; face not dog-like; second digit not ending in claw; cheekteeth forming well developed cusp pattern 4
- 2 a Ears with white basal tufts; no tail (genus *Epomophorus*) *Epomophorus wahlbergi wahlbergi*
 African Chiroptera name *Epomophorus wahlbergi*
 b Ears without white basal tufts; reduced tail 3
- 3 a Forearm generally 110 - 130 mm; colour generally tawny, with dorsal fur restricted to a narrow median band, sharply demarcated from naked wing membranes (genus *Eidolon*) *Eidolon helvum helvum*
 African Chiroptera name *Eidolon helvum*
 b Forearm 65 - 102 mm; ruff of stiff hair present or absent on lower neck of adult males (genus *Rousettus*) *Rousettus aegyptiacus leachii*
 African Chiroptera name *Rousettus aegyptiacus*
- 4 a Terminal portion of tail projecting past edge of inter-femoral membrane 5
 b Tail almost entirely enclosed within interfemoral membrane 10
- 5 a Free terminal portion of tail emerges above middle of upper surface of membrane (family Emballonuridae; genus *Taphozous*) *Taphozous mauritanus*
 b Free terminal portion of tail projects considerably beyond hind margin of membrane (family Molossidae) 6
- 6 a Size very large, forearm 62 - 73 mm; ears very large, 38 - 40 mm, conjoined on extended snout; conspicuous bicoloured dorsal coat with pale neck collar (genus *Otomops*) *Otomops martiensseni icarus*
 b Size smaller, forearm less than 60 mm; ears smaller; dorsal coat not bicoloured 7
- 7 a Size small, forearm 36 - 39 mm (genus *Chaerephon*) 8
 b Size larger; forearm greater than 40 mm 9
- 8 a Anterior palatal emargination well developed, extending beyond upper incisors, and including area of incisive foramina; third commissure of last upper molar well developed, almost as long as second commissure *Chaerephon ansorgei*
 b Anterior palatal emargination greatly reduced, not extending behind upper incisors and separated from incisive foramina by a bony bar, third commissure much less developed than second *Chaerephon pumila*
 African Chiroptera name *Chaerephon pumilus*
- 9 a Size smaller, forearm 45 - 50 mm; colour dark above and paler below, paler band in front of shoulders (genus *Mops*) *Mops condylurus condylurus*
 African Chiroptera name *Mops (Mops) condylurus*
 b Size larger, forearm 46 - 54 mm; colour dark sooty-brown almost black above same colour or a shade paler below, no band in front of shoulders (genus *Tadarida*) *Tadarida aegyptiaca aegyptiaca*
- 10 a Muzzle with nose-leaves or deep central slit 11
 b Muzzle without nose-leaves or deep central slit (family Vespertilionidae) 20
- 11 a Muzzle with deep, central longitudinal slit (family Nycteridae; genus *Nycteris*) 12
 b Face without slit, but with well-developed nose-leaves covering muzzle 13
- 12 a Upper incisors trifold; tragus falciform or semilunate; ears smaller, 25 mm or less *Nycteris hispida villosa*
 African Chiroptera name *Nycteris hispida*
 b Upper incisors bifid; tragus pyriform; ears elongated, 28 - 37 mm .. *Nycteris thebaica capensis*
 African Chiroptera name *Nycteris thebaica*
- 13 a Posterior leaflet of noseleaf with upper edge either elliptical in outline or tridentate (three-pronged) (family Hipposideridae) 19
 b Posterior leaflet of noseleaf triangular with erect, pointed tip (family Rhinolophidae; genus *Rhinolophus*) 14
- 14 a Anterior upper premolar, when present external to toothrow; canine and fourth upper premolar in contact; connecting process bluntly pointed 15
 b Anterior upper premolar in toothrow; canine and fourth upper premolar not in contact; connecting process blunt or sharply pointed 16

- 15 a Forearm 50 - 57 mm *Rhinolophus clivosus zuluensis*
African Chiroptera name *Rhinolophus clivosus*
- b Forearm 45 - 50 mm *Rhinolophus darlingi darlingi*
African Chiroptera name *Rhinolophus darlingi*
- 16 a Connecting process rises to an erect point; inter-ptyergoid groove usually shallow, not clearly defined by bordering ridges; anterior upper premolar usually not crowded between canine and fourth upper premolar, longer than wide 17
- b Connecting process with low, bluntly pointed tip; inter-ptyergoid groove deep and clearly defined by bordering ridges; anterior upper premolar usually crowded between canine and fourth upper premolar, at least as wide as it is long 18
- 17 a First phalanx of fourth finger notably shortened in relation to metacarpal length; connecting process pointed, molar width less than half width of palate between molars *Rhinolophus landeri lobatus*
African Chiroptera name *Rhinolophus landeri*
- b First phalanx of fourth finger not notably shortened in relation to metacarpal length; connecting process rises to a high narrow horn, molar width more than half width of palate between molars *Rhinolophus blasii empusa*
African Chiroptera name *Rhinolophus blasii*
- 18 a Sella broader; ears longer, 20 - 22 mm; condylocanine length more than 15.5 mm *Rhinolophus simulator*
- b Sella narrower; ears shorter, 18 - 20 mm; condylocanine length less than 15.5 mm *Rhinolophus swinnyi*
- 19 a Posterior leaflet of noseleaf with upper edge elliptical in outline; size larger, forearm greater than 40 mm (genus *Hipposideros*) *Hipposideros caffer caffer*
African Chiroptera name *Hipposideros caffer*
- b Posterior leaflet of noseleaf with tridentate shape; size smaller, forearm 31 - 35 mm (genus *Cloeotis*) *Cloeotis percivali australis*
African Chiroptera name *Cloeotis percivali*
- 20 a Second phalanx of third digit about three times as long as first (subfamily Miniopterinae; genus *Miniopterus*) 21
- b Second phalanx of third digit not especially elongated 22
- 21 a Forearm 42 - 44 mm; skull length c. 14 mm; colour brownish-black and/or russet *Miniopterus fraterculus*
- b Forearm 42 - 47 mm; skull length c. 15 mm; colour slaty-black *Miniopterus schreibersii natalensis*
African Chiroptera name *Miniopterus natalensis*
- 22 a Ears not funnel-shaped, without deep emargination below tip; tragus not sharply pointed; braincase not high and rounded (subfamily Vespertilioninae) 23
- b Ears funnel-shaped, with deep emargination below tip; tragus long, narrow, sharply pointed; braincase high and rounded (subfamily Kerivoulinae; genus *Kerivoula*). 22
- b Size smaller, forearm 30 - 36 mm; skull < 13.5 mm, colour brownish or greyish-brown above, sometimes lightly grizzled with greyish-white or white, and brown or greyish-brown to greyish-white or white below *Kerivoula lanosa lucia*
African Chiroptera name *Kerivoula lanosa*
- b Size larger, forearm 34 - 39 mm; skull > 15 mm; colour above bright reddish-chestnut, below either whitish or buffy, never brown *Kerivoula argentata zuluensis*
African Chiroptera name *Kerivoula argentata*
- 23 a Six upper, six lower cheekteeth on each side (genus *Myotis*) 24
- b Fewer than six upper and six lower cheekteeth 25
- 24 a Size larger, forearm over 52 mm *Myotis (Chrysopteron) welwitschii*
African Chiroptera name *Myotis welwitschii*
- b Size smaller, forearm under 52 mm *Myotis (Selysius) tricolor*
African Chiroptera name *Myotis tricolor*
- 25 a Five upper, five lower cheekteeth; two upper incisors on each side (genus *Pipistrellus*) 26
- b Four upper, five lower cheekteeth; one or two upper incisors on each side 28
- 26 a Outer upper incisor more than half length of inner upper incisor; forehead strongly concave; upper canine and posterior upper premolar separated by a gap through which anterior upper premolar can be clearly seen rising above cingula of adjoining teeth; interdental palate clearly longer than broad *Pipistrellus (Pipistrellus) nanus*

- nanus*
 African Chiroptera name *Pipistrellus nanus*
- b Outer upper incisor less than half length of inner upper incisor; forehead usually flat or weakly concave; upper canine and posterior upper premolar in contact or barely separated; anterior upper premolar seen from the side only with difficulty; usually not rising above cingula of adjoining teeth; interdental palate not clearly longer than broad 27
- 27 a Posterior upper incisor barely extending beyond cingulum of anterior upper incisor; anterior upper premolar a pointed tooth rising above cingulum of canine but not above cingulum of posterior upper premolar; maxillary tooththrow more than 4.5 mm *Pipistrellus (Pipistrellus) kuhlii broomi*
 (This should be *Pipistrellus hesperidus*. See Kock (2001))
 African Chiroptera name *Pipistrellus hesperidus*
- b Posterior upper incisor extending well beyond cingulum of anterior upper incisor; anterior upper premolar a flat-crowned tooth completely cingulum of adjoining teeth; maxillary tooththrow less than 4.5 mm *Pipistrellus (Pipistrellus) anchietai*
 African Chiroptera name *Hypsugo anchietae*
- 28 a Two upper incisors on each side 29
- b One upper incisor on each side 34
- 29 a Rostrum very short and broad; braincase very high, more than two thirds of condylobasal length; conspicuous reticulation of wing membranes (genus *Chalinolobus*) *Chalinolobus variegatus variegatus*
 African Chiroptera name *Glauconycteris variegata*
- b Rostrum not shortended; braincase not elevated; no wing pattern 30
- 30 a Ears 18 mm or more, about half length of forearm (genus *Laephotis*) *Laephotis wintoni*
- b Ears less than 18 mm, much less than half length of forearm (genus *Eptesicus*)... 31
- 31 a Wing membranes white or translucent *Eptesicus rendalli*
 African Chiroptera name *Neoromicia rendalli*
- b Wing membranes dark 32
- 32 a Size larger, forearm more than 40 mm, inner upper incisors unicuspid *Eptesicus hottentotus bensoni*
 African Chiroptera name *Eptesicus hottentotus*
- b Size smaller, forearm less than 40 mm, inner upper incisors bicuspid 33
- 33 a Dorsal colour paler; wing membranes edged with white; dorsal fur up to 8 mm long; forearm 30 - 32 mm; condylobasal length less than 11.9 mm; skull lacking posterior occipital 'helmet' *Eptesicus zuluensis*
 African Chiroptera name *Neoromicia zuluensis*
- b Dorsal colour darker; wing membranes not edged with white; dorsal fur not more than 5 mm long; forearm 29 - 35 mm; condylobasal length more than 11.9 mm; skull with posterior occipital 'helmet' *Eptesicus capensis capensis*
 African Chiroptera name *Neoromicia capensis*
- 34 a Size larger, forearm greater than 46 mm; first and second upper molars with W-pattern obsolescent; tragus long and tapering (genus *Scotophilus*) 35
- b Size smaller, forearm less than 46 mm; first and second upper molars with normal W-pattern; tragus either sickle-shaped or short and broad 36
- 35 a Forearm 50 - 65 mm; skull length 20 - 23 mm *Scotophilus dinganii dinganii*
 African Chiroptera name *Scotophilus dinganii*
- b Forearm 43 - 50 mm; skull length 16 - 19 mm *Scotophilus viridis*
- 36 a Wings dark-coloured; skull with rostrum not broadened; palatal emargination narrow; anterior lower premolar about half the crown area of the next premolar; upper canines with rounded anterior surface; tragus halfmoon-shaped; penis not enlarged; forearm 29 - 33 mm (genus *Nycticeius*) *Nycticeius schlieffenii australis*
 African Chiroptera name *Nycticeinops schlieffenii*
- b Wings pale-coloured; skull with rostrum notably broadened, particularly across lacrymals; palatal emargination broader; lower premolars equal in crown area; upper canines with broad, flat anterior surface; tragus short and broad; penis greatly lengthened; forearm 28 - 38 mm (genus *Scotoecus*) *Scotoecus albofuscus woodi*
 African Chiroptera name *Scotoecus albofuscus*

Appendix 5ac: Dunlop (1999). *Mops midas*

- | | | | |
|----|---|---|--|
| 1 | a | Anterior palatal emargination present, anterior upper premolar moderately to relatively large (subgenus <i>Xiphonycteris</i>)..... | 2 |
| | b | Anterior palatal emargination largely closed, anterior upper premolar absent or greatly reduced (subgenus <i>Mops</i>) | 6 |
| 2 | a | Forearm < 32 mm; M3 without third commissure | 3 |
| | b | Forearm > 32 mm; M3 with short but distinct commissure | 4 |
| 3 | a | Canines with enlarged cingula, upper incisors not projecting in front of anterior face of canine cingula; length of skull 14.0 - 16.8 mm | <i>Mops spurrelli</i> |
| | | African Chiroptera name | <i>Mops (Xiphonycteris) spurrelli</i> |
| | b | Canines without enlarged cingula; upper incisors projecting in front of anterior face of canine cingula; length of skull 15.0 - 17.5 mm | <i>Mops nanulus</i> |
| | | African Chiroptera name | <i>Mops (Xiphonycteris) nanulus</i> |
| 4 | a | Forearm < 35 mm; length of skull 15.8 - 17.8 mm..... | <i>Mops petersoni</i> |
| | | African Chiroptera name | <i>Mops (Xiphonycteris) petersoni</i> |
| | b | Forearm >= 35 mm; length of skull 17.2 - 20.6 mm..... | 5 |
| 5 | a | Wing inserts high on back; dorsal pelage restricted to top of back; basisphenoid pits deep and rounded laterally with septum between nearly parallel | <i>Mops thersites</i> |
| | | African Chiroptera name | <i>Mops (Xiphonycteris) thersites</i> |
| | b | Wing inserts lower on sides of body; dorsal pelage not restricted to top of back; basisphenoid pits shallow and long oval shaped with septum between narrowing anteriorly | <i>Mops brachypterus</i> |
| | | African Chiroptera name | <i>Mops (Xiphonycteris) brachypterus</i> |
| 6 | a | Forearm > 50 mm | 7 |
| | b | Forearm < 50 mm | 9 |
| 7 | a | Skull length >= 26 mm | <i>Mops midas</i> |
| | | African Chiroptera name | <i>Mops (Mops) midas</i> |
| | b | Skull length < 26 mm | 8 |
| 8 | a | Ears joined at base | <i>Mops congicus</i> |
| | | African Chiroptera name | <i>Mops (Mops) congicus</i> |
| | b | Ears separated at base | <i>Mops trevori</i> |
| | | African Chiroptera name | <i>Mops (Mops) trevori</i> |
| 9 | a | Forearm < 41 mm | <i>Mops demonstrator</i> |
| | | African Chiroptera name | <i>Mops (Mops) demonstrator</i> |
| | b | Forearm 41 - 51 mm | 10 |
| 10 | a | Anterior upper premolar vestigial but present..... | <i>Mops condylurus</i> |
| | | African Chiroptera name | <i>Mops (Mops) condylurus</i> |
| | b | Anterior upper premolar absent | 11 |
| 11 | a | Size relatively small (forearm 39 - 45 mm); C-M3 6.2 - 6.9 mm | <i>Mops sarasinorium</i> |
| | b | Size medium (forearm 43 - 48); C-M3: 7.0 - 7.7 mm..... | <i>Mops mops</i> |

Appendix 5ad: Gray et al. (1999). Nycteris thebaica

- 1 a Posterior lower premolar small; its tip reaching about to cingulum of anterior premolar; no marked concavity at center of posterior margin of tragus..... 2
- b Posterior lower premolar large; its height about equal to that of anterior cusp of first molar; marked concavity at center of posterior margin of tragus 11
- 2 a Upper incisors trifid; tragus small (*hispid*a group) 3
- b Upper incisors bifid; tragus large..... 6
- 3 a Size very large; forearm 51.6 - 64.5 mm; greatest length of skull 23.3 - 27.5 mm; only occurring in central and western African rainforests and in eastern African coastal forests..... *Nycteris grandis*
- b Size moderate; forearm 32.8 - 44.5 mm; greatest length of skull 15.3 - 18.4 mm; occurring in central and western African rainforests, eastern African coastal forests, and savanna areas 4
- 4 a Occurring in northeastern and eastern African savannas and coastal forests of eastern Africa 5
- b Occurring in the central and western African rainforests and savanna areas. *Nycteris hispid*a
- 5 a Size slightly larger; forearm 37.3 - 44.5 mm; condylobasal length 14.6 - 15.9 mm; maxillary tooththrow 5.7 - 6.2 mm; mandibular tooththrow 6.4 - 7.5 mm *Nycteris aurita*
- b Size slightly smaller; forearm 34.8 - 43.4 mm; condylobasal length 13.2 - 15.0 mm; maxillary tooththrow 4.8 - 5.8 mm; mandibular tooththrow 5.4 - 6.6 mm .. *Nycteris hispid*a
- 6 a Tragus with squared or flattened top (*macrotis* group) 7
- b Tragus inverted pear shaped or pyriform (*thebaica* group) 8
- 7 a Forearm 36.1 - 41.9 mm; condylobasal length 14.0 - 16.1 mm; very rare species; scarce records from Cameroon, Ethiopia, Zambia, and Zanzibar *Nycteris woodi*
- b Forearm 39.9 - 54.8 mm; condylobasal length 16.4 - 19.6 mm; common species in rain forest and savanna areas of western, eastern and northeastern Africa... *Nycteris macrotis*
- 8 a Occurring in west African savanna areas..... 9
- b Occurring over the remaining part of Africa, south of the Sahara, along the Nile River, on the Arabian Peninsula and Morocco 10
- 9 a Size slightly larger; forearm 39.2 - 47.4 mm; condylobasal length 15.8 - 17.5 mm; mandibular length 11.8 - 13.2 mm; mandibular tooththrow 6.2 - 7.4 mm; length of metacarpus of third finger 28.9 - 36.1 mm; length of tibia 20.3 - 24.9; the following combination of measurements > 21.7: (1.153 x length of maxillary tooththrow + 0.187 x width across the upper canines + 0.557 x width across posterior upper molars + 0.657 x mandibular length + 0.395 x length of mandibular tooththrow) *Nycteris thebaica*
- b Size slightly smaller; forearm 35.1 - 44.0 mm; condylobasal length 14.2 - 16.5 mm; mandibular length 10.4 - 12.2 mm; mandibular tooththrow 4.6 - 6.9 mm; length of metacarpus of third finger 26.4 - 32.1; length of tibia: 17.0 - 22.3 mm; the following combination of measurements < 21.7: (1.153 x length of maxillary tooththrow + 0.187 x width across the upper canines + 0.557 x width across posterior upper molars + 0.657 x mandibular length + 0.395 x length of mandibular tooththrow) *Nycteris gambiensis*
- 10 a Forearm 32.3 - 50.0 mm; condylobasal length 15.1 - 18.7 mm; common species with wide distribution *Nycteris thebaica*
- b Forearm > 50.0 mm; condylobasal length > 19.5 mm; very rare species, only known from the type ad paratype from Zinave, Mozambique *Nycteris vinsoni*
- 11 a Upper incisors bi- or tricuspid; occurs in the southeastern Asian forest areas (*javanica* group) 12
- b Upper incisors bicuspid; occurs in the African forest areas (*arge* group)..... 13
- 12 a Forearm 41.5 - 50.4 mm; greatest length of skull 19.1 - 20.6 mm; length of mandibula 13.0 - 14.6 mm; upper incisors dominantly tricuspid; limited to Java and Sumatra *Nycteris javanica*
- b Forearm 56.7 - 52.8 mm; greatest length of skull 21.0 - 22.9 mm; length of mandibula 14.8 - 16.4 mm; upper incisors dominantly bicuspid; occurring on Borneo and Malaysian Peninsula *Nycteris tragata*
- 13 a Size smallest; forearm 31.7 - 37.0 mm; condylobasal length 12.8 - 14.0 mm; zygomatic width 8.4 - 9.4 mm; width of braincase 6.5 - 7.4 mm; length of mandibula 9.2 - 10.7 mm..... *Nycteris nana*

- b Size larger; forearm 33.7 - 48.5 mm; condylbasal length 14.6 - 18.8 mm; zygomatic width 10.0 - 12.6 mm; width of braincase 7.3 - 9.0 mm; length of mandibula 10.1 - 15.9 mm..... 14
- 14 a Size largest; forearm 44.0 - 48.5 mm; greatest length of skull 20.2 - 21.7 mm; length of mandibula 13.8 - 15.9 mm; length of metacarpus of third finger 33.3 - 35.8 mm; length of metacarpus of fourth finger 36.2 - 37.7 mm; very rare species, with some scattered records from the western and central African rainforest *Nycteris major*
African Chiroptera name *Nycteris macrotis*
- b Size intermediate; forearm 33.7 - 46.8 mm; greatest length of skull 15.4 - 20.3 mm; length of mandibula 10.1 - 14.2 mm; length of metacarpus of fourth finger 28.0 - 37.0 mm; fairly common in the western and central African rainforest 15
- 15 a Slightly smaller; forearm length 33.7 - 38.0 mm; greatest length of skull 15.4 - 18.3 mm; condylobasal length 14.6 - 15.7 mm; length of mandibula 10.1 - 12.6 mm; occurring in the coastal areas of western Africa, Cameroon, Gabon, northeastern Democratic Republic of Congo (formerly Zaire), and northeastern Angola *Nycteris intermedia*
- b Slightly larger; forearm length 35.4 - 46.8 mm; greatest length of skull 18.0 - 20.3 mm; condylobasal length 15.4 - 18.0 mm; length of mandibula 12.1 - 14.2 mm; commonest species of the group, occurring over the entire western and central African rainforest area *Nycteris arge*

Appendix 5ae: Kwiecinski and Griffiths (1999). *Rousettus egyptiacus*

- 1 a Wing membrane (plagiopatagium) attached to second toe of foot 2
 b Wing membrane (plagiopatagium) attached to first toe of foot (subgenus *Rousettus*) 3
- 2 a Braincase strongly deflected ventrally from a line drawn along the axis of the rostrum; premaxillaries not fused to each other; pm1 much larger in bulk than lower incisor; molars very narrow (width about one-half the length); antitragus of ear obsolete; forearm 84 - 92 mm (subgenus *Stenonycteris*) *Rousettus lanosus*
 b Braincase slightly deflected; premaxillaries fused to each other; pm1 subequal in bulk to lower incisor; molars broad; antitragus of ear distinct; forearm 66 - 84 mm *Lissonycteris angolensis*
- 3 a Median edge of plagiopatagium attached to body near the dorsal midline; forearm 79 - 89 mm (known from Sumatra and Borneo only) *Rousettus spinalatus*
 b Median edge of plagiopatagium attached to side of the body 4
- 4 a Uropatagium well-furred for nearly entire anterior half; forearm 67 - 83 mm (known from Sulawesi and Sanghir Islands only) *Rousettus celebensis*
 b If uropatagium has fur, it is well-furred only near root of tail; otherwise sparsely furred to nearly naked 5
- 5 a Width of premolars and molars about equal to or very slightly greater than one-half their length (except m2 and m3 which are wider); forearm 65 - 76 mm (known from Madagascar only) *Rousettus madagascariensis*
 b Width of premolars and molars broader 6
- 6 a Pollex 30 - 38 mm, second phalanx of third digit 50 - 62 mm (forearm 81 - 102 mm) *Rousettus egyptiacus*
 African Chiroptera name *Rousettus aegyptiacus*
 b Pollex 22 - 31 mm; second phalanx of third digit 36 - 51 mm 7
- 7 a Skull deflection greater than in other species belonging to subgenus *Rousettus*, but not nearly as deflected as in *Rousettus (Stenonycteris) lanosus* (forearm 70 - 75 mm); endemic to Comoro Islands (between Africa and northern Madagascar) *Rousettus obliviosus*
 b Little or no skull deflection; distributed in southern Asia from Pakistan across India (and Sri Lanka) to southeastern China and Viet Nam and south through part of the Malay Peninsula, Sumatra, Java, and Bali (*leschenaulti*) or from Thailand through the Malay Peninsula and East Indies to the Philippines and Solomon Islands (*amplexicaudatus*) 8
- 8 a Third lower molar elliptical in outline, about twice as long as broad; ears 14 - 16 mm in width; forearm 75 - 96 mm *Rousettus leschenaulti*
 b Third lower molar subcircular in outline, only slightly longer than broad (breadth from 2/3 to 5/6 length); ears 10 - 13 mm in width; forearm 66 - 91 mm *Rousettus amplexicaudatus*

Appendix 5af: Taylor (2000). Bats of Southern Africa

- 1 a Claw on second finger, Fa 66 - 115 mm long; face doglike (Suborder Megachiroptera, Family Pteropodidae: fruit bats) 2
 b Second digit without claw; Fa < 66 long; face not doglike (Suborder Microchiroptera) 9
- 2 a Fa > 110 mm long (110 - 130 mm); colour generally tawny, with dorsal fur restricted to a narrow median band, sharply demarcated from naked wing membranes *Eidolon helvum*
 b Fa < 110 mm long 3
- 3 a Ears with white basal tufts; tail absent 4
 b Ears without white basal tufts; reduced tail present 7
- 4 a Rousettes of males particularly developed, yellowish in colour; face shortened, shorter than braincase; distribution in southern Africa limited to Chobe River in Botswana; Fa 80 - 92 mm..... *Epomops dobsoni*
 African Chiroptera name *Epomops dobsonii*
 b Rousettes less conspicuous, white-coloured; face longer than braincase; widespread distribution; Fa 68 - 95 mm (*Epomophorus*) 5
- 5 a One palatal ridge behind last molar; Fa 68 - 95 mm *Epomophorus wahlbergi*
 b Two palatal ridges behind last molar; Fa 75 - 94 mm 6
- 6 a 4th palatal ridge halfway between 3rd and 5th; widespread distribution; Fa 75 - 88 mm *Epomophorus gambianus*
 b 4th palatal ridge closer to 3rd than 5th; southern African distribution restricted to southwestern Angola and Ovamboland in northern Namibia; Fa 81 - 94 mm *Epomophorus angolensis*
- 7 a Wing membranes arise from first toe; hair short and sleek; Fa > 89 mm (89 - 96 mm); ruff of stiff hairs absent from throat of males; tail fairly robust ... *Rousettus egyptiacus*
 African Chiroptera name *Rousettus aegyptiacus*
 b Wing membranes arise from second toe; hair longer and coarser; Fa < 90 mm; ruff of stiff hairs present on throat of males, tail relatively shorter, less robust..... 8
- 8 a Size smaller, Fa < 80 mm (66 - 76 mm); distribution in southern Africa limited to Haroni-Rusitu confluence in eastern Zimbabwe *Myonycteris relicta*
 African Chiroptera name *Myonycteris (Myonycteris) relicta*
 b Size larger, Fa > 80 mm (82 - 90 mm); occurring more widely in the Eastern Highlands of Zimbabwe and central Mozambique *Lissonycteris angolensis*
- 9 a Tail ends in a T-shaped cartilage; face with deep slit (Family Nycteridae, genus *Nycteris*; slit-faced bats) 10
 b Tail without T-shaped cartilage; face without deep slit 14
- 10 a Larger in size, Fa 57 - 66 mm, ear 28 - 35; mass over 30 g *Nycteris grandis*
 b Smaller in size, Fa 37 - 52 mm, ear 18 - 37 mm; mass less than 20 g 11
- 11 a Tragus has a distinctive 'semi-lunate' (half-moon) shape; Fa 36 - 50 mm, ear 18 - 34 mm 12
 b Tragus has a distinctive 'pyriform' (finger-like) shape; Fa 42 - 52 mm, ear 28 - 37 mm *Nycteris thebaica*
- 12 a Ears shorter, 18 - 25 mm; upper incisors trifold (three-lobed), Fa 36 - 45 mm . *Nycteris hispida*
 b Ears longer, 28 - 34 mm, upper incisors bifid (two-lobed), Fa 37 - 50 mm 13
- 13 a General colour greyish; smaller, Fa 37 - 42 mm, ear 29 - 34 mm *Nycteris woodi*
 b General colour brownish, larger, Fa 45 - 50 mm, ear 28 - 34 mm ... *Nycteris macrotis*
- 14 a Tail extends beyond the edge of, or protrudes through, the interfemoral membrane 15
 b Tail almost entirely enclosed within interfemoral membrane (at most two or three vertebrae not included) 31
- 15 a Free terminal portion of tail protrudes through middle of upper surface of tail membrane (Family Emballonuridae; sheath-tailed bats) 16
 b Free terminal portion of tail extends considerably beyond hind margin of tail membrane (Family Molossidae; free-tailed bats) 18
- 16 a Size smaller, Fa < 50 mm (46 - 49 mm); distribution in southern Africa restricted to Zambezi River in Mozambique..... *Coleura afra*
 b Size larger, Fa > 60 mm; widespread distribution in southern Africa (*Taphozous*). 17
- 17 a Colour grizzled-grey above and pure white below; gular throat pouch present in males; Fa 60 - 66 mm; mean 63 mm *Taphozous mauritanus*

- b Dark brown colour above, paler below but not white, no gular pouch in males; Fa 62 - 63 mm; mean 62 mm *Taphozous perforatus*
- 18 a Size very large, Fa 62 - 73 mm, ears very large, 38 - 40 mm, meeting on extended snout; conspicuous paler shoulder band separating darker anterior and posterior upper regions *Otomops martiensseni*
- b Not combining above characters 19
- 19 a Ears separate (genus *Mormopterus*) 20
- b Ears joined 21
- 20 a Head conspicuously flattened, greatest braincase dept not more than a third of the greatest width; 'warty' muzzle; main 'brush' of hairs above nose; occurring widely in drier, rocky areas of the Western Cape, Northern Cape and Northern Province, Namibia, Botswana, and southern Zimbabwe; Fa 44 mm ... *Mormopterus petrophilus*
African Chiroptera name *Sauromys petrophilus*
- b Skull not as conspicuously flattened, muzzle not warty; no brush of hairs above nose; known southern Africa from just two specimens collected in Durban over 150 years ago *Mormopterus acetabulosus*
- 21 a Size smaller, Fa 36 - 43 mm, or if larger than 43 mm, almost always having one or more of the following; 1) a dark blackish 'beard' on the throat, 2) characteristic white flecks or short strips on head and shoulders, or 3) conspicuous lateral band of white fure running lengthwise along underneath of the wing membrane where it joins the body; greateste skull length 16 - 21 mm; conspicuous crest of stiff hairs usually present on forehead of males; large ears usually joined above bridge of nose by a band of folded skin; anterior notch ('emargination') of palate usually reduced and separated from the palatal foramina by a bony bar, or, if including palatal foramina, width of emargination less than diameter of upper incisor (Genus *Chaerephon*) ... 22
- b Size larger; Fa 43 - 66 mm, greatest skull length 18 - 29 mm; no conspicuous tufts of fur on forehead of males; anterior palate with or without emargination; ears joined with band of skin or not 26
- 22 a Size larger, Fa 43 - 51 mm; greatest skull length 18 - 21 mm 23
- b Size smaller, Fa 34 - 42 mm; greatest skull length 15 - 18 mm 25
- 23 a White spots, stripes, or lateral band; anterior palate with or without conspicuous emargination; blackish throat patch absent; Fa 44 - 51 mm; greatest skull length 18 - 21 mm 24
- b Without with the markings or conspicuous lateral band; blackish throat patch present; colour umber above and below; Fa 43 - 47.5 mm; greatest skull length 18 - 20 mm; anterior palate with emargination *Chaerephon ansorgei*
- 24 a Colour umber brown with variable pattern of white spots or short stripes arranged laterally on crown and sometimes also on flanks and shoulders; Fa 46 - 51 mm; greatest skull length 19 - 21 mm; anterior palate with conspicuous emargination *Chaerephon bivittata*
African Chiroptera name *Chaerephon bivittatus*
- b No spots or stripes, but conspicuous lateral band of long, white hairs below, along flanks at junction with wing membrane, contrasting with very dark brown colour of body above and below; Fa 44 - 50 mm; greatest skull length 18 - 19 mm; anterior palate without conspicuous emargination *Chaerephon nigeriae*
- 25 a Males with long (13 - 14 mm) bicoloured postaural crest (dark basally, pale apically); light wings; colour below light with whitish mid-ventral band down to mid-belly; Fa 34 - 39 mm; greatest skull length 16 - 17 mm *Chaerephon chapini*
- b Males with short (10 mm) unicoloured postaural crest; wings light or dark; colour below variable, with or without white belly-stripe on the median area; Fa 37 - 42 mm; greatest skull length 16 - 18 mm *Chaerephon pumilus*
- 26 a Paler band of short hairs in front of shoulders, giving appearance of being naked; ears are joined above bridge of nose by band of skin; colour variable above but always conspicuously paler below, with variable degree of white colouring ventrally; third upper molar reduced to V-shape, or in Mops condylurus, with third 'leg' noticeably shorter in length than the second; anterior emargination of palate not well developed, with papatal foramina separated by bony bar; Fa 45 - 66 mm, greatest skull length 20 - 29 m (Genus *Mops*) 27
- b No naked band in front of shoulders; ears just meet across bridge of nose, but not conspicuously joined by a band of skin; colour variable above, but underparts tend to

- be same colour or only slightly paler, though white markings may be present; third upper molar N-shaped, with third 'leg' almost as long as second; anterior emargination of palata well developed, width of emargination greater than diameter of upper incisor; Fa 45 - 66 mm, greatest skull length 18 - 26 (Genus *Tadarida*) 28
- 27 a Smaller in size, Fa 43 - 49 mm, greatest skull length 20 - 23 mm *Mops condylurus*
African Chiroptera name *Mops (Mops) condylurus*
- b Larger in size, Fa 58 - 66 mm, greatest skull length 27 - 29 mm.....*Mops midas*
African Chiroptera name *Mops (Mops) midas*
- 28 a Smaller-sized, Fa 45 - 54 mm, greatest skull length 18 - 19 mm; lips wrinkled *Tadarida aegyptiaca*
- b Larger-sized, Fa 57 - 66 mm, greatest skull length 22 - 26 mm; lips not wrinkled .. 29
- 29 a Ears extremely large (c. 50 mm), protruding beyond snout when laid forward; white patch of fur between shoulders; interdental palatal length more than twice palatal width at anterior end; Fa 59 - 62.5 mm; greatest skull length 22.5 - 23.5 mm *Tadarida lobata*
- b Ears not as large or extended to same degree (19 - 25 mm); interdental palatal less than twice palatal width at anterior end; Fa 57 - 66 mm; greatest skull length 22.0 - 25.7 mm..... 30
- 30 a Larger, Fa 61 - 66 mm, greatest skull length 23.5 - 25.7 mm *Tadarida ventralis*
- b Smaller, Fa 57 - 59 mm, greatest skull length 22.0 - 23.0 mm *Tadarida fulminans*
- 31 a Muzzle with nose-leaves 32
- b Muzzle without nose-leaves (Family Vespertilionidae; plain-faced bats) 45
- 32 a Posterior leaflet of noseleaf with upper edge either elliptical in outline or tridentate (three-pronged) (Family Hipposideridae) 33
- b Posterior leaflet of noseleaf triangular with erect, pointed tip (lancet) (Family Rhinolophidae)..... 36
- 33 a Posterior leaflet of noseleaf with upper edge elliptical in outline; size larger, Fa > 40 mm (Genus Hipposideros) 34
- b Posterior leaflet of noseleaf with tridentate (three-pronged) shape; size smaller, Fa 31 - 35 mm..... 35
- 34 a Much larger sized, Fa 100 - 108 mm; fur short, colour below pure white *Hipposideros commersoni*
- b Much smaller sized, Fa 45 - 50 mm; fur long and fluffy, brownish-gray in colour *Hipposideros caffer*
- 35 a Size very small, Fa 31 - 35 mm; ears rounded..... *Clootis percivali*
- b Size larger, Fa 48 - 54 mm; ears pointed..... *Triaenops persicus*
- 36 a Face and/or lateral margins of sella covered with long hairs; greatest width of horseshoe over 9 mm; Fa 48 - 67 mm; CF component of echolocation call 55 kHz or less 37
- b Sella naked; greatest width of horseshoe less than 9 mm; Fa 40 - 57 mm; CF component of echolocation call 80 kHz or more..... 38
- 37 a Size larger, Fa 62 - 67 mm; echolocation call has CF frequency of 37 - 46 kHz *Rhinolophus hildebrandtii*
- b Size smaller, Fa 48 - 51 mm; echolocation call has CF frequency of 55 kHz *Rhinolophus fumigatus*
- 38 a Connecting process (Figure 22) rises to erect point or high and narrow horn; Fa 41 - 47 mm..... 39
- b Connecting process blunt and rounded (Figure 22); Fa 40 - 57 mm 40
- 39 a The concave lancet (Figure 22) from the posterior noseleaf has a narrowly pointed shpe, sella not rising to a very sharp narrow tip; fur shorter and darker; first phalanx of fourth finger (Figure 23) noticeably shortened in relation to metacarpal length; axillary (under-arm) tuft of stiff hairs in males; Fa 41 - 43 mm..... *Rhinolophus landeri*
- b Margins of lancet not concave, forming equilateral triangle, sella rising to a very sharp narrow tip; fur longer and paler; first phalax of fourth finger not noticeably shortened in relation to metacarpal length; no axillary tuft of still hairs in males; Fa 41 - 47 mm *Rhinolophus blasii*
- 40 a Canine and posterior premolar in contact, anterior premolar exterior to tooththrow and minute, invisible to naked eye or hand lens; echolocation call has CF component at 86 or 94 kHz; Fa 43 - 57 mm 41
- b Canine and posterior premolar not in contact, separated by anterior premolar which is

- just visible to naked eye, or with hand lens; echolocation call has CF component at 80, 83 or > 100 kHz, Fa 40 - 52 mm 42
- 41 a Larger, Fa 50 - 57 mm; echolocation call has CF component at 94 kHz. *Rhinolophus clivosus*
b Smaller, Fa 43 - 49 mm; echolocation call has CF component at 86 kHz *Rhinolophus darlingi*
- 42 a Larger, Fa 48 - 52 mm; distribution limited to the Western Cape and Eastern Cape; echolocation call has CF component at 90 kHz *Rhinolophus capensis*
b Smaller, Fa 40 - 46 mm; echolocation call has CF component of 83 kHz, or > 100 kHz 43
- 43 a Ears longer, > 22 mm; CF component of echolocation call 83 kHz; larger, Fa 42 - 46 mm *Rhinolophus simulator*
b Ears shorter, < 22 mm; CF component of echolocation call > 83 kHz; smaller, Fa 40 - 44 mm 44
- 44 a Front edge of connecting process almost concave; lancet with sides almost convex; dorsal fur long and whitish at base, tips grey-brown, ventrally pure white; occurs only in more arid areas of Botswana, Namibia and the Northern Cape; call unrecorded but almost certainly > 100 kHz, based on small body size *Rhinolophus denti*
b Front edge of connecting process convex; lancet with sides almost concave, tip pointed; fur nearly unicoloured, not whitish at base; occurs only in savanna areas of Zimbabwe and eastern South Africa; CF frequency 110 - 115 kHz *Rhinolophus swinnyi*
- 45 a Second phalanx of third digit about three times as long as first (Figure 24) (Subfamily Minopterinae) Null
b Second phalanx of third digit less than three times as long as first 48
- 46 a Larger-sized, Fa 45 - 50 mm; mass averages 15 g; greatest skull length exceeds 16 mm *Miniopterus inflatus*
b Smaller-sized, Fa 42 - 47 mm; mass 9 - 16g; greatest skull length 14 - 15 mm 47
- 47 a Smaller, Fa 42 - 44 mm, mass 9 - 11 g; skull c. 14 mm *Miniopterus fraterculus*
b Larger, Fa 42 - 47 mm, mass 9 - 16 g; skull c. 15 mm *Miniopterus schreibersii*
- 48 a Ears funnel-shaped, with deep emargination below tip; tragus long, narrow, sharply pointed (Figure 25); braincase high and rounded; long, soft, erect, woolly hair, with curled tips, giving grizzled appearance (Subfamily Kerivoulinae) 49
b Ears not funnel-shaped, without deep emargination below tip; tragus not sharply pointed; braincase not high and rounded (Subfamily Vespertilioninae) 50
- 49 a Size larger, Fa 34 - 39 mm; greatest skull length 15 mm or more; colour of upper parts reddish-chestnut, underparts whitish or with buffy tinge *Kerivoula argentata*
b Size smaller, Fa 30 - 36 mm; greatest skull length 13.5 or less; colour of upper parts brownish, may be lightly grizzled with greyish-white or white, underparts brown to greyish-brown to greyish-white to white *Kerivoula lanosa*
- 50 a Wing extremely narrow, third digit shorter than head and body length; skull flattened; tragus extremely short and blunt; hair very short *Mimetillus moloneyi*
b Wing not extremely narrow, third digit longer than head and body length; skull flattened; tragus not extremely short and blunt; hair not so short 51
- 51 a Fur coppery-reddish or yellowish to greyish-yellow in colour above and long and fluffy in texture; six upper cheekteeth and six lower cheekteeth on each side; elongated muzzle (Genus *Myotis*) 52
b Fur not coppery-reddish in colour or long fluffy in texture; fewer than 6 upper and lower cheekteeth; muzzle not elongated 56
- 52 a Size larger, Fa > 52 mm; distinctive pattern of contrasting black and coppery markings on wings and tail membrane *Myotis welwitschii*
b Size smaller, Fa usually < 52 mm (but may be up to 54 mm); colour uniform coppery-red or yellowish, without black markings on wings or tail membrane 53
- 53 a Wings without glands; size larger, Fa 41 - 54 mm 54
b Wings with glands; size smaller, Fa 32 - 35 mm 55
- 54 a Size larger, Fa 47 - 52 mm *Myotis tricolor*
b Size smaller, Fa < 47 mm *Myotis bocagei*
African Chiroptera name *Myotis bocagii*
- 55 a Size smaller, Fa 32 - 33 mm; upper parts dull greyish-yellow *Myotis seabrai*
African Chiroptera name *Cistugo seabrae*
b Size larger, Fa > 34 mm; upper parts honey yellow *Myotis lesueuri*

- 56 African Chiroptera name *Cistugo lesueuri*
a Wing membranes with conspicuous reticulated pattern; Fa 45 mm *Chalinolobus variegatus*
African Chiroptera name *Glauconycteris variegata*
b Wing membranes without conspicuous reticulated pattern 57
- 57 a Ear length 18 mm or more, about half length of forearm (genus *Laephotis*)..... 58
b Ear length < 18 mm; or much less than half of forearm..... 60
- 58 a Larger, Fa > 37 mm, greatest skull length > 16 mm, ear length > 19 mm 59
b Smaller, Fa < 37 mm (33 - 37 mm), greatest skull length < 15 mm, ear length < 19 mm
..... *Laephotis botswanae*
- 59 a Ear length 24 - 25 mm; Fa 38 - 39 mm; colour light buffy brown; distribution restricted to the Namib Desert *Laephotis namibensis*
b Ear length 19 - 22 mm; Fa 36 - 41 mm; colour buffy brown; occurs in the Western Cape, Free State and KwaZulu-Natal *Laephotis wintoni*
- 60 a Size larger, Fa > 43 mm..... 61
b Size smaller, Fa < 43 mm 64
- 61 a Tragus characteristically long and fine-pointed (Figure 26), the outer margin convex with a lobe towards its base; pronounced muzzle; dorsal fur soft with sheen, yellowish-brown coloured; underparts yellow, greyish-white or white; one pair of upper incisors present, Fa 43 - 80 mm (Genus *Scotophilus*)..... 62
b Tragus shorter, knife-shaped (Figure 27); muzzle not pronounced; dorsal fur rougher, without sheen, fawn to dark-brown coloured; ventral colour greyish; two pairs of upper incisors present, although outer incisors tiny, only visible with magnifying lens; Fa 46 - 50 mm..... *Eptesicus hottentotus*
- 62 a Larger sized, Fa 70 - 80 mm, greatest skull length > 30 mm..... *Scotophilus nigrita*
b Smaller sized, Fa 43 - 65 mm; greatest skull length 16 - 23 mm..... 63
- 63 a Size smaller, Fa 44 - 52 mm, greatest skull length 16 - 20 mm; adults with withish belly *Scotophilus viridis*
b Size larger, Fa 50 - 65 mm; greatest skull length 20 - 23 mm; adults with yellow belly
..... *Scotophilus dinganii*
- 64 a Distinctive pale fawn dorsal colour, slightly paler below, contrasting with much darker brown coloured wings and interfemoral membrane; characteristic tragus shape, indented on the inner surface and with two small lobes on the outer edge (Figure 28); Fa 28 - 33 mm *Nycticeinops schlieffeni*
African Chiroptera name *Nycticeinops schlieffenii*
b Colour and tragus shape not as above 65
- 65 a Single, pair or prominent, procumbent upper incisors; rostrum broad, c. 7 mm, about 50 % of greatest skull length; penis elongated, reaching 25 % of head and body length; Fa 30 - 31 mm (Genus *Scotoecus*) 66
b Two pairs of upper incisors, outer much smaller than inner; rostrum not broad, c. 5 - 6 mm, or 40 % of greatest skull length; penis not so elongated, less than 25 % of head and body (Genus *Pipistrellus*) 67
- 66 a Pale-winged, four or five upper cheekteeth *Scotoecus albofuscus*
b Dark-winged, four upper cheekteeth *Scotoecus hirundo*
- 67 a Underparts pure white; upper, inner incisors deeply bifid (i.e. divided)..... *Pipistrellus rueppellii*
b Underparts brown or grey; upper, inner incisors not deeply bifid..... 68
- 68 a Five upper cheekteeth, including a tiny anterior premolar, creating a gap between canine and posterior premolar which may be visible with a magnifying lens in the field 69
b Four upper cheekteeth, lacking tiny anterior premolar; canine and posterior premolar closely pressed together (Subgenus *Neoromicia*, previously grouped in the genus *Eptesicus*). 72
- 69 a Tragus characteristically 'hatchet-shaped' with sharp obtuse angle in posterior edge; outer upper incisor more than half length of inner upper incisor; forehead strongly concave, typically found roosting in unfurling banana or *Strelizia* leaves ; Fa 29 - 38 mm..... *Pipistrellus nanus*
b Tragus not 'hatchet-shaped', without distinct angle in posterior edge; outer upper incisor less than half length of inner upper incisor; forehead usually flat or weakly concave, not found in banana or *Strelizia* leaves 70

- 70 a Interdental palate as broad as long; forehead flat; total length of skull 12 mm or less; Fa 27 - 29 mm *Pipistrellus rusticus*
 b Interdental palate longer than broad; forehead at least weakly concave; total length of skull more than 12 mm; Fa 29 - 35 mm 71
- 71 a Posterior upper incisor barely extending above cingulum of anterior incisor; anterior upper premolar a pointed tooth rising above cingulum of canine; maxillary tooththrow more than 4.5 mm; Fa 31 - 35 mm *Pipistrellus kuhlii*
 b Posterior upper incisor extending well above cingulum of anterior incisor; anterior upper premolar a flat-crowned tooth; maxillary tooththrow less than 4.5 mm; Fa 29 - 33 mm *Pipistrellus anchietai*
 African Chiroptera name *Hypsugo anchietae*
- 72 a Wing membranes white or translucent; Fa 34 - 38 mm *Pipistrellus rendalli*
 African Chiroptera name *Neoromicia rendalli*
 b Wing membranes dark; Fa 29 - 36 mm 73
- 73 a Dorsal colour paler; wing membranes edged with white; dorsal fur up to 8 mm long; Fa 30 - 32 mm; skull lacking posterior, occipital 'helmet'; only occurring in savanna regions *Pipistrellus zuluensis*
 African Chiroptera name *Neoromicia zuluensis*
 b Dorsal colour darker; wing membranes not edged with white; dorsal fur not more than 5 mm long; Fa 29 - 36 mm; skull with posterior, occipital 'helmet'; occurring widely in savanna, grassland, montane and semi-arid regions *Pipistrellus capensis*
 African Chiroptera name *Neoromicia capensis*

Appendix 5a: Russ et al. (2001). Key to the bats of Madagascar

- 1 a Has a claw on the thumb, and on the second digit. Teeth of the frugivorous type.... 2
 b Has claw on the thumb, but not on the second digit. Teeth of the insectivorous type 4
- 2 a No tail present. *Pteropus rufus rufus*
 African Chiroptera name *Pteropus niger*
 b Tail present 3
- 3 a Forearm much greater than 95 mm. *Eidolon dupreanum*
 b Forearm much less than 95 mm. *Rousettus madagascariensis madagascariensis*
 African Chiroptera name *Rousettus madagascariensis*
- 4 a Has fixed suckers on wrists and ankles. *Myzopoda aurita*
 b No suckers 5
- 5 a Nose leaf present (can be slit nosed) 6
 b No nose leaf present 10
- 6 a Muzzle divided by a longitudinal furrow with fleshy dermal outgrowths. Tail terminates in a T-shaped tip. *Nycteris madagascariensis*
 b Face with well-developed nose-leaf covering muzzle 7
- 7 a Forearm greater than 75 mm. Top of nose-leaf not very complex and is rounded. *Hipposideros commersoni commersoni*
 African Chiroptera name *Hipposideros commersoni*
 b Forearm less than 75 mm. Nose leaf is trident-shaped 8
- 8 a Forearm greater than 48 mm. Ears (from the notch) smaller than 15 mm. . *Triaenops rufus*
 b Forearm less than 48 mm. Ears (from the notch) greater than 15 mm 9
- 9 a 3rd metacarpal greater than 35 mm. Tail less than 20 mm. Dorsal pelage is grey-black. *Triaenops auritus*
 b 3rd metacarpal less than 35 mm. Tail greater than 20 mm. Dorsal pelage is grey-brown. *Triaenops furculus*
- 10 a Free tail. Does not include slight extension past interfemoral membrane (<5mm) . 21
 b Tail enclosed with interfemoral membrane 11
- 11 a second phalanx of 3rd digit about three times as long as the first digit; braincase high and rounded. 3rd and 4th fingers are bent at the joint between the 1st and 2nd phalanx when at rest [Fig 41] (all these and no postcalcarial lobe) 12
 b second phalanx of third digit not especially elongated 15
- 12 a Forearm measurement more than 46 mm (mean = 48.4; 46.7-49.9); greater length of head exceeding 16.0 mm. *Miniopterus gleni*
 b In general, forearm less than 46 mm; greater length of head smaller than 16.0 mm 13
- 13 a Forearm more than 40 mm (14) 14
 b Forearm less than 40 mm. (May be a form of *Miniopterus minor*) *Miniopterus manavi*
- 14 a Greater length of skull is not less than 15 mm (mean = 15.5; 15.0 – 16.1). Forearm mean = 44.2 (41.8-46.6); M3-M3: mean = 6.5 (6.3-6.8). *Miniopterus majori*
 b Greater length of skull is in general less than 15 mm (mean = 14.8; 14.5-15.1). Forearm mean = 42.8 (40.7-44.4); M3-M3: mean = 5.9 (5.7-6.0). *Miniopterus fraterculus*
- 15 a Post-calcarial lobe present [Fig. 42A]. Tragus short, curved, and rounded at tip and may be bent forward 16
 b No postcalcarial lobe. Tragus long and sharp.[Fig. 42B] *Myotis goudoti*
- 16 a Tragus obviously bent forward [Fig. 43] 20
 b Tragus not bent forward at top. 17
- 17 a Last tail vertebrae projects beyond membrane by a maximum of 1mm. The post-calcarial lobe broad with visible T-piece cartilage. Two pairs of upper premolars present 18
 b Last 1-2 tail vertebrae project beyond membrane 4-5mm. Post-calcarial lobe is narrow, usually without a visible T-piece cartilage. One pair of upper premolars present 19
- 18 a Note: Pipistrelle species not established as yet – record as *Pipistrellus* spp. But note any observations *Null*
- 19 a There is no single characteristic that separates these species. See text for further information. *Null*
- 20 a Forearm greater than 55 mm. *Scotophilus robustus*

- 21 b Forearm less than 55 mm. *Scotophilus borbonicus*
 a Free terminal proportion of tail emerges above middle of upper surface of interfemoral membrane [Fig. 44B] 22
 b Free terminal proportion of tail projecting beyond hind margin of interfemoral membrane [Fig. 44A] 23
- 22 a Forearm > 50 mm (58-64); males with large gular sac in the throat. *Taphozous mauritianus*
 b Forearm < 50 mm (37-41mm); no gular sac. *Emballonura atrata*
- 23 a Ears very large (28-40 mm), joined on extended snout; forearm > 60 mm. . *Otomops madagascariensis*
 b Different face 24
- 24 a Ears separated at the base [Fig. 46B]..... 25
 b Ears joined at the base [Fig. 46A] 27
- 25 a Ears separated at the base. Translucent ears are erect and well separated by a space at the base. Unwrinkled lips. White underside. Forearm less than 45 mm (26) 26
 b Ears separated at the base. Forearm is greater than 55 mm. *Tadarida (Tadarida) fulminans*
 African Chiroptera name *Tadarida fulminans*
- 26 a Ears with anterior margin slightly emarginated below pointed tip. *Tadarida (Mormopterus) acetabulosa*
 African Chiroptera name *Mormopterus acetabulosus*
 b Ears without emargination, tips broadly rounded. . *Tadarida (Mormopterus) jugularis*
 African Chiroptera name *Mormopterus jugularis*
- 27 a Forearm less than 40 mm 28
 b Forearm greater than 40 mm 29
- 28 a Forearm usually less than 38mm; Tragus is small and square. [Fig. 48A] *Tadarida (Chaerephon) leucogaster*
 African Chiroptera name *Chaerephon leucogaster*
 b Forearm usually greater than 38mm; Tragus is small, sharp and straight. [Fig. 48B] *Tadarida (Chaerephon) pumila*
 African Chiroptera name *Chaerephon pumilus*
- 29 a Forearm greater than 55mm. *Tadarida (Mops) midas miarensis*
 African Chiroptera name *Mops (Mops) midas miarensis*
 b Forearm less than 50 mm. *Tadarida (Mops) leucostigma*
 African Chiroptera name *Mops (Mops) leucostigma*

Appendix 5ah: Fahr et al (2002). A revision of the *Rhinolophus maclaudi* species group with the description of a new species from West Africa (Chiroptera: Rhinolophidae).

- 1 a Horseshoe without secondary leaflets; no or very inconspicuous median emargination; rims around nostrils \pm straight and parallel; sella inclined forward. FA: 60 - 69, Cblc: 24.0 - 27.8, Mast: 12.3 - 13.9, Zyg: 12.3 - 13.8 2
- b Horseshoe with one pair of secondary leaflets; with conspicuous median emargination; rims around nostrils semicircular; sella erect and \pm parallel to lancet. FA: 54 - 62, Cblc: 20.7 - 23.6, Mast: 10.9 - 12.3, Zyg: 10.5 - 11.4..... 3
- 2 a FA: 63.6 - 68.7, Cblc: 27.0 - 27.8, Mast: 13.3 - 13.9, Zyg: 13.2 - 13.8, C-M/3: 10.5 - 10.8..... *Rhinolophus maclaudi*
- b FA: 59.9 - 60.5, Cblc: 24.0 - 24.1, Mast: 12.3 - 12.4, Zyg: 12.3 - 12.5, C-M/3: 8.9 - 9.0 *Rhinolophus ziama*
- 3 a Lancet moderately exceeding height of sella. FA: 55.0 - 61.7, Cbs: 22.0 - 23.6, MastoidW: 11.2-12.3, ZygomaticW: 10.5 - 11.4, M3 -M3 : 7.3 - 8.2, C-M/3 : 8.2 - 8.9 *Rhinolophus ruwenzorii*
- b Lancet conspicuously exceeding height of sella. FA: 54.2 - 54.3, Cblc: 20.7 - 21.2, Mast: 10.9 - 11.2, Zyg: 10.6 - 10.9, M3-M3 : 7.8 - 8.0, C-M/3: 7.9 - 8.1 *Rhinolophus hilli*
African Chiroptera name *Rhinolophus ruwenzorii*

Appendix 5ai: Jacobs and Fenton (2002). Mormopterus petrophilus

1	a	Skull extremely flattened; occurs in Africa.....	2
	b	Skull not extremely flattened; mostly not in Africa	3
2	a	Forearm with wartlike granulations; length of forearm 29 - 36 mm <i>Mormopterus setiger</i> African Chiroptera name	<i>Platymops setiger</i>
	b	Forearm lacking wartlike granulations; length of forearm 38 - 48 mm <i>Mormopterus petrophilus</i> African Chiroptera name	<i>Sauromys petrophilus</i>
3	a	Known from the New World	4
	b	Not known from the New World	6
4	a	Recorded from Cuba; length of forearm 29 - 31 mm	<i>Mormopterus minutus</i>
	b	Recorded from southwestern South America; length of forearm 29 - 31 mm	5
5	a	Length of forearm 34 - 49 mm; skull not flattened; 1 upper premolar per quadrat; basisphenoid pits present; palate not domed	<i>Mormopterus kalinowski</i>
	b	Length of forearm 33 - 34 mm; skull flattened; 2 upper premolars per quadrat; no basisphenoid pits; palate domed.....	<i>Mormopterus phrudus</i>
6	a	Recorded from Madagascar; some records from Africa	7
	b	Only known from location east of Madagascar.....	8
7	a	Madagascar; 2 African records; ears triangular in shape; length of forearm 38 - 39 mm	<i>Mormopterus acetabulosus</i>
	b	Madagascar; ears rounded; length of forearm 35 - 37 mm	<i>Mormopterus jugularis</i>
8	a	Recorded from Sumatra; not known from Australia and/or New Guinea; length of forearm 32 - 34 mm	<i>Mormopterus doriae</i>
	b	Not known from Sumatra; occurs in Australia and/or New Guinea; length of forearm 33 - 40 mm.....	9
9	a	Length of forearm <= 33 mm.....	<i>Mormopterus planiceps (=loriae)</i>
	b	Length of forearm > 33 mm.....	10
10	a	Gular gland lacking; heavy build; length of forearm 33 - 99 mm <i>Mormopterus beccarii</i>	
	b	Gular gland present; light build; length of forearm 36 - 40 mm <i>Mormopterus norfolkensis</i>	

Appendix 5aj: Decher and Fahr (2005). *Hipposideros cyclops*

- 1 a Ears united at base by low frontal band (*megalotis* group)..... *Hipposideros megalotis*
 b Ears separate 2
- 2 a Ears long, narrow, and pointed (*cyclops* group) 7
 b Ears short, broad, and rounded or triangular..... 3
- 3 a Ears rounded or broadly triangular and bluntly pointed; upper incisors weak... *bicolor*
group
 b Ears triangular and pointed, upper incisors strong 4
- 4 a Noseleaf with 2 lateral leaflets; frontal depression of cranium well defined, maxillae
 elongated *pratti* group
 b Noseleaf with 3 or 4 lateral leaflets; frontal depression of cranium lacking or shallow,
 maxillae not elongated 5
- 5 a Noseleaf with upper edge of posterior leaf slightly lobate; posterior leaf narrower than
 horseshoe *armiger* group
 b Noseleaf with upper edge of posterior leaf forming an arc or circle; posterior leaf equal
 in width to horseshoe 6
- 6 a Ears with a small projection at the antitragal fold *speoris* group
 b Ears without antitragal modification..... *diadema* group
- 7 a Posterior lateral leaflet not extending anteriorly beneath anterior leaflet onto upper lip;
 premaxillae wide posteriorly, forming a broad junction with palate; anterior palatal
 foramina enclosed..... 8
 b Posterior lateral leaflet extending anteriorly beneath anterior leaflet onto upper lip;
 premaxillae narrow posteriorly, forming a narrow, spatulate junction with palate;
 anterior palatal foramina open posteriorly 9
- 8 a Length of forearm 56–73 mm; antorbital foramen large compared to overall skull size
 *Hipposideros cyclops*
 b Length of forearm 74–76 mm; antorbital foramen small compared to overall skull size
 *Hipposideros camerunensis*
- 9 a Median processes of intermediate and posterior leaves not greatly developed or
 especially club-shaped; cranium without frontal depression..... 10
 b Median processes of intermediate and posterior leaves well developed, usually club-
 shaped; cranium with frontal depression 11
- 10 a Posterior leaf lacking any posterior supplementary structure; rostral eminences not
 much inflated; rostral profile nearly flat; width of cochleae 4–5 times their distance
 apart; known only from eastern New Guinea *Hipposideros muscinus*
 b Posterior leaf with a posterior supplementary structure, twin-walled, cellular; rostral
 eminences inflated; rostral profile concave; width of cochleae 6 or more times their
 distance apart; confined to western and central New Guinea *Hipposideros wollastoni*
- 11 a Interorbital region wide; rostrum elongate; shallow sphenoidal depression present;
 width of cochleae ca. 4 times their distance apart; posterior ridge of M3 reduced, N-
 pattern of tooth incomplete; m3 with subrectangular posterior trigonid 12
 b Interorbital region narrow; rostrum short; no sphenoidal depression; width of cochleae
 ca. 6 or more times their distance apart; posterior ridge of M3 little reduced, N-pattern
 of tooth nearly complete; m3 with triangular posterior 13
- 12 a Dorsal fur color Hair Brown, ventral fur silver-tipped, hair on midback ca. 14 mm long;
 lower club-shaped process on noseleaf very long and tubular; Telefomin area, central
 New Guinea *Hipposideros corynophyllus*
 b Dorsal fur color Prout's Brown with reddish tinge; ventral fur Cinnamon Rufus, hair on
 midback ca. 9 mm long; lower club-shaped process of noseleaf shorter and laterally
 flattened; near Imonda, northern central New Guinea..... *Hipposideros edwardshilli*
- 13 a Median process of posterior leaf large, club-shaped; skull larger (rostral width 5.6–6.3
 mm), C–M3 6.5–7.3 mm; cranial frontal depression shallow; rostral eminences greatly
 inflated; known only from eastern New Guinea and northeastern Queensland,
 Australia..... *Hipposideros semoni*
 b Median process of posterior leaf tuberclelike, not especially club-shaped; skull smaller
 (rostral width 5.1 mm); C–M3 5.6 mm; cranial frontal depression deep; rostral eminences
 moderately inflated; confined to Northern Territory, northwestern Australia, and
 northwestern Queensland, Australia *Hipposideros stenotis*

Appendix 5ak: Bates et al. (2006). A description of a new species of *Pipistrellus* (Chiroptera: Vespertilionidae) from Madagascar with a review of related Vespertilioninae from the island.

- | | | | |
|---|---|---|---|
| 1 | a | Two upper premolars (P ² and P ⁴ - Fig. 5)..... | 2 |
| | b | One upper premolar (P ² - Fig. 9). | 4 |
| 2 | a | Long penis (> 9.0 mm), long baculum (> 8.0 mm), relatively large second upper incisor (I ³ = 2/3 the height of the bicuspid I ²), and larger first premolar (P ² width > 10% of C-M ³ length - Fig. 5). | <i>Pipistrellus raceyi</i> |
| | b | Short penis (< 6.0 mm), short baculum (< 3.0 mm), small second upper incisor [I ³ = 1/2 the height of the (usually) unicuspid I ²], and very small first premolar (P ² width < 8% of C-M ³ length) - (Fig. 5)..... | 3 |
| 3 | a | Baculum thin and curved (Fig. 10A); zygomata thin (Fig. 11A), and upper canine (C ¹) not in contact with the second upper premolar (P ⁴) (Fig. 5B and 5Bi). | <i>Pipistrellus hesperidus</i> |
| | b | Baculum broader and not curved (Fig. 10B); zygomata more robust (Fig. 11B) and upper canine (C ¹) (usually) in contact with the second upper premolar (P ⁴ - Fig. 5C)..... | <i>Hypsugo anchietae</i> |
| 4 | a | Forearm long (> 33 mm); skull large (CCL > 13.0 mm); baculum longer (> 2.7 mm).
African Chiroptera name | <i>Neoromicia melckorum</i>
<i>Myotis myotis</i> |
| | b | Forearm shorter (= 33 mm); skull smaller (CCL < 12.5 mm); baculum shorter (< 2.5 mm). | 5 |
| 5 | a | Pelage paler; tibiae shorter (< 12.5 mm); baculum with relatively narrower shaft (Fig. 8B); narrow braincase (BB < 6.5 mm) and palate (M ³ -M ³ < 5.4 mm). . | <i>Neoromicia malagasyensis</i> |
| | b | Pelage darker; tibiae longer (= 12.5 mm); baculum with relatively broader shaft (Fig. 8A); broader braincase (BB > 6.5 mm) and palate (M ³ -M ³ = 5.4 mm). | <i>Neoromicia matroka</i> |

Appendix 6: Images of type specimens

Appendix 6a: Lateral, Ventral and Dorsal skull

Clockwise from top, lateral, ventral and dorsal skull images of type specimens. The squares of the graph paper are 2 mm wide.

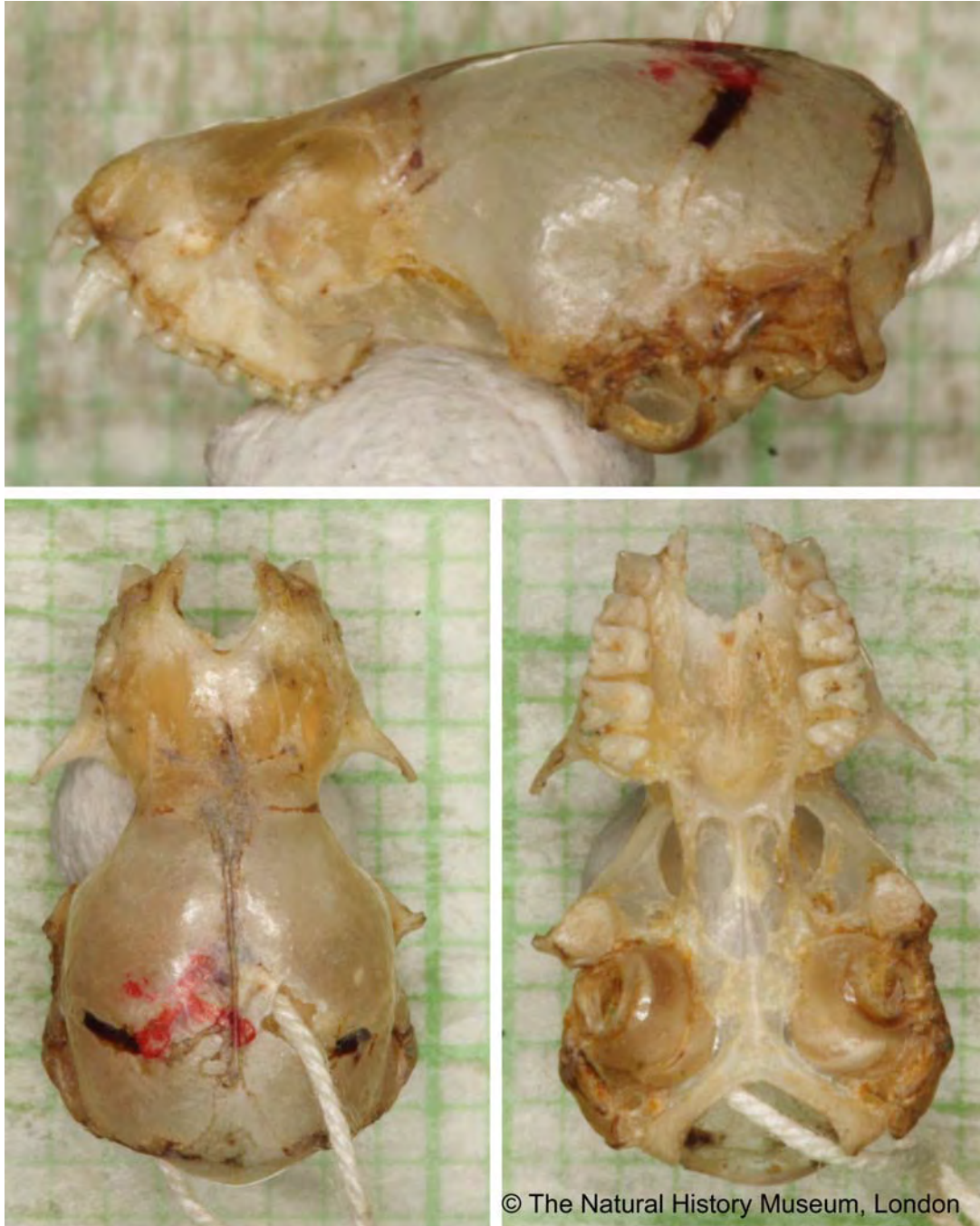
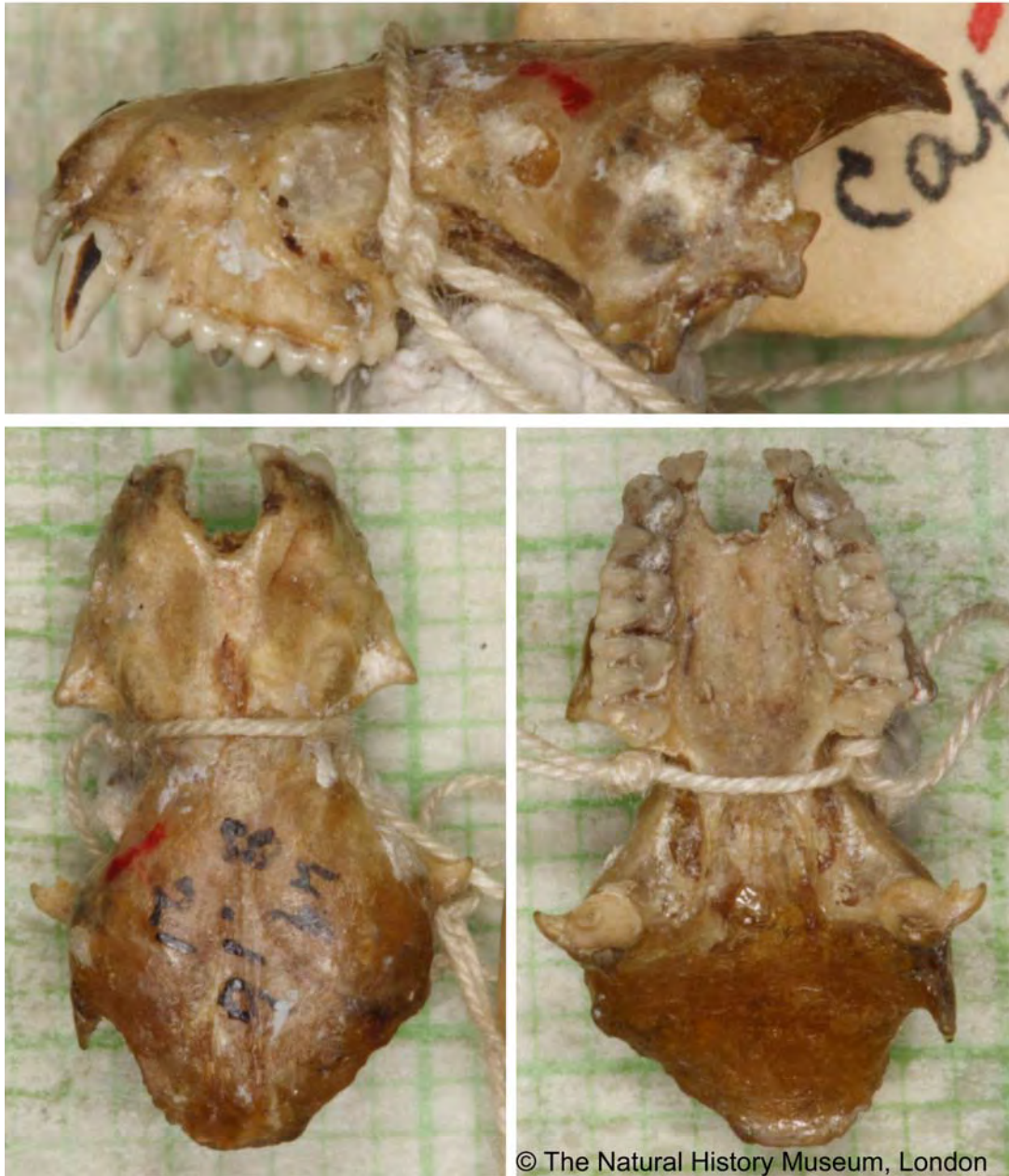


Figure 234 BMNH 1823.1.1.15 Holotype of *Pipistrellus marrensis* Thomas and Hinton, 1923, synonymized with *P. rusticus* (Tomes, 1861).



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Figure 235 BMNH 1849.8.16.21 Lectotype of *Vespertilio capensis* A. Smith, 1829, now referred to as *Neoromicia capensis*.

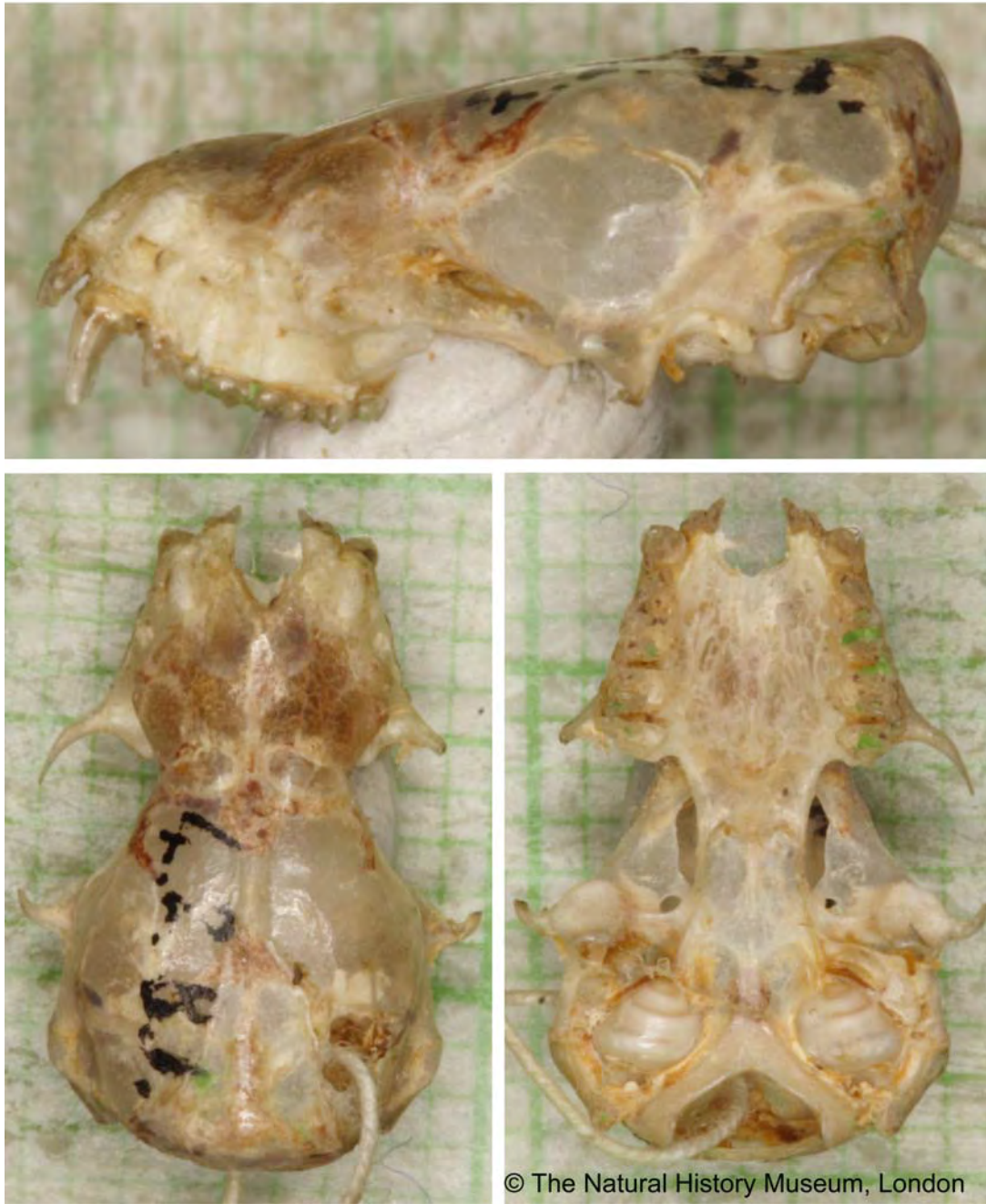


Figure 236 BMNH 1904.2.9.1 Holotype of *Pipistrellus crassulus* Thomas, 1904, now referred to as *Hypsugo crassulus*.



Figure 237 BMNH 1880.7.21.7 Holotype of *Vesperugo (Vesperus) brunneus* Thomas, 1880, now referred to as *Neoromicia brunneus*.

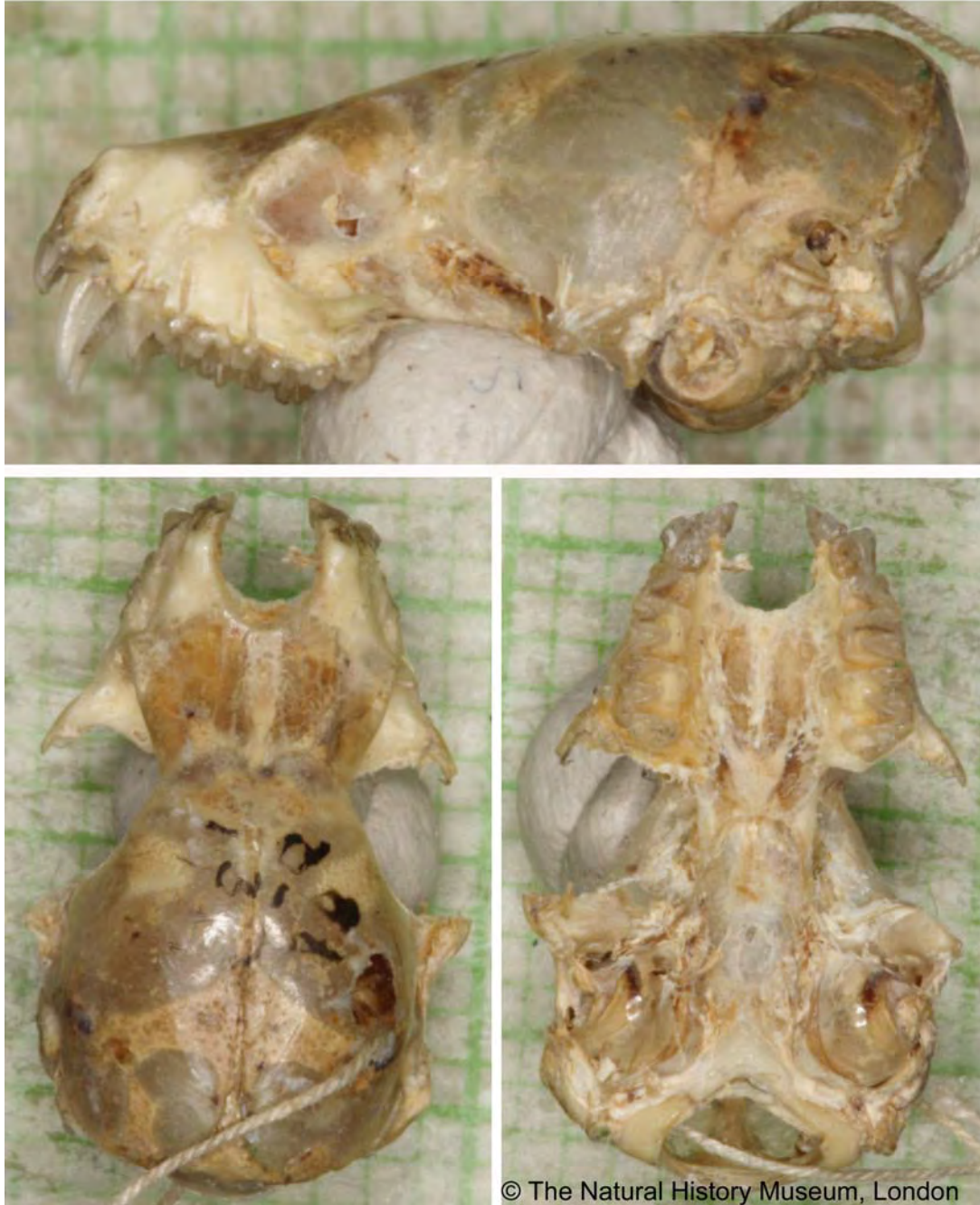


Figure 238 BMNH 1889.3.2.3 Holotype of *Vesperugo (Vesperus) rendalli* Thomas, 1889, now referred to as *Neoromicia rendalli*.

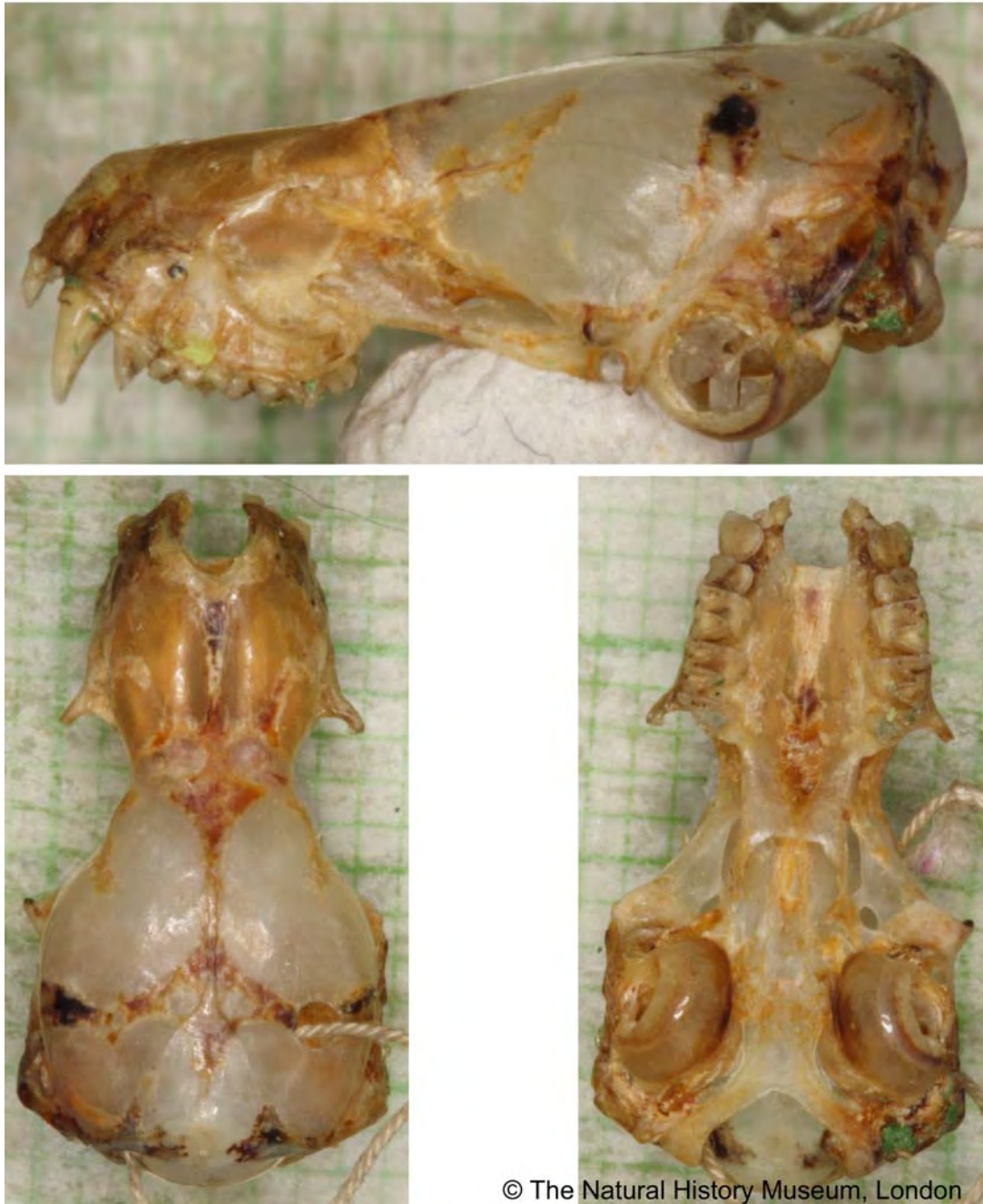


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Figure 239 BMNH 1889.5.1.3 Syntype of *Vesperus bicolor* Bocage, 1889, now a synonym of *Neoromicia tenuipinnis* (Peters, 1872).



Figure 240 BMNH 1898.6.9.1 Holotype *Vespertilio minutus somalicus* Thomas, 1901, now referred to as *Neoromicia somalicus*.



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Figure 241 BMNH 1901.5.6.5 Holotype of *Laephotis wintoni* Thomas, 1901.

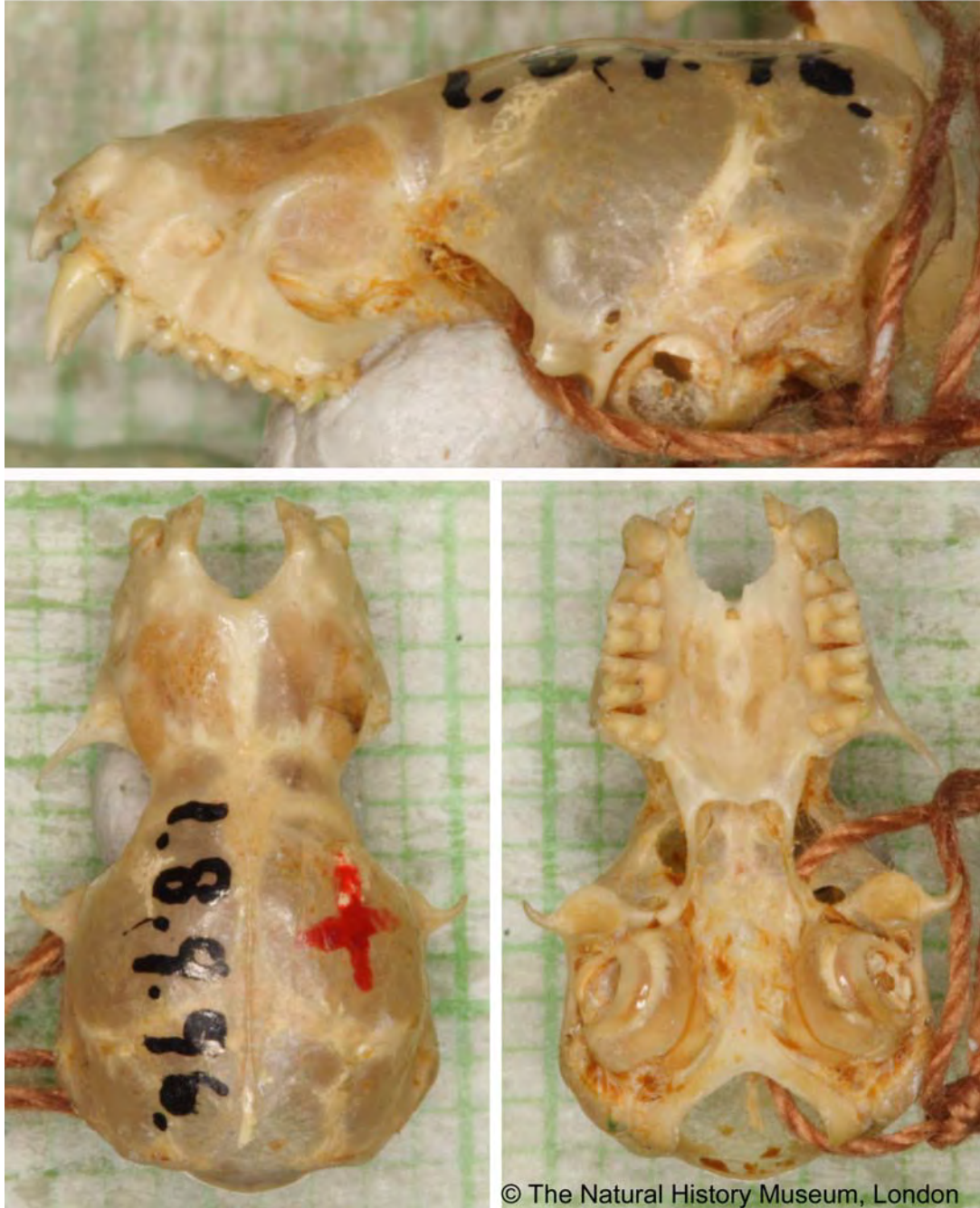


Figure 242 BMNH 1901.8.9.96 Holotype of *Pipistrellus kuhlii fuscatus* Thomas, 1901, now referred to as *Pipistrellus hesperidus*.



Figure 243 BMNH 1902.11.4.1 Holotype of *Pipistrellus deserti* Thomas, 1902.



Figure 244 BMNH 1903.2.7.14 Holotype of *Glauconycteris floweri* de Winton, 1901, now referred to as *Eptesicus floweri*.

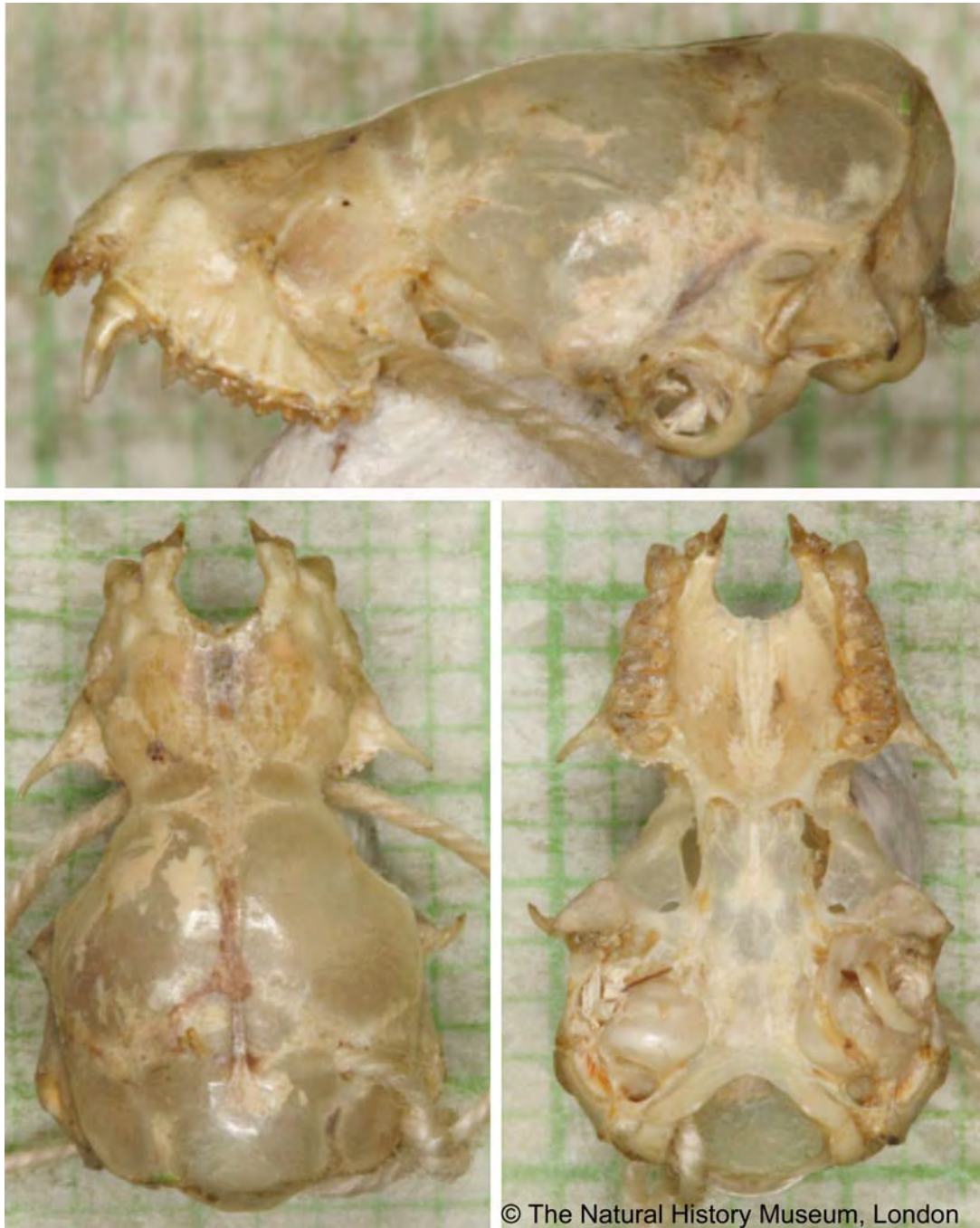


Figure 245 BMNH 1904.2.8.8 Holotype of *Pipistrellus nanulus* Thomas, 1904.

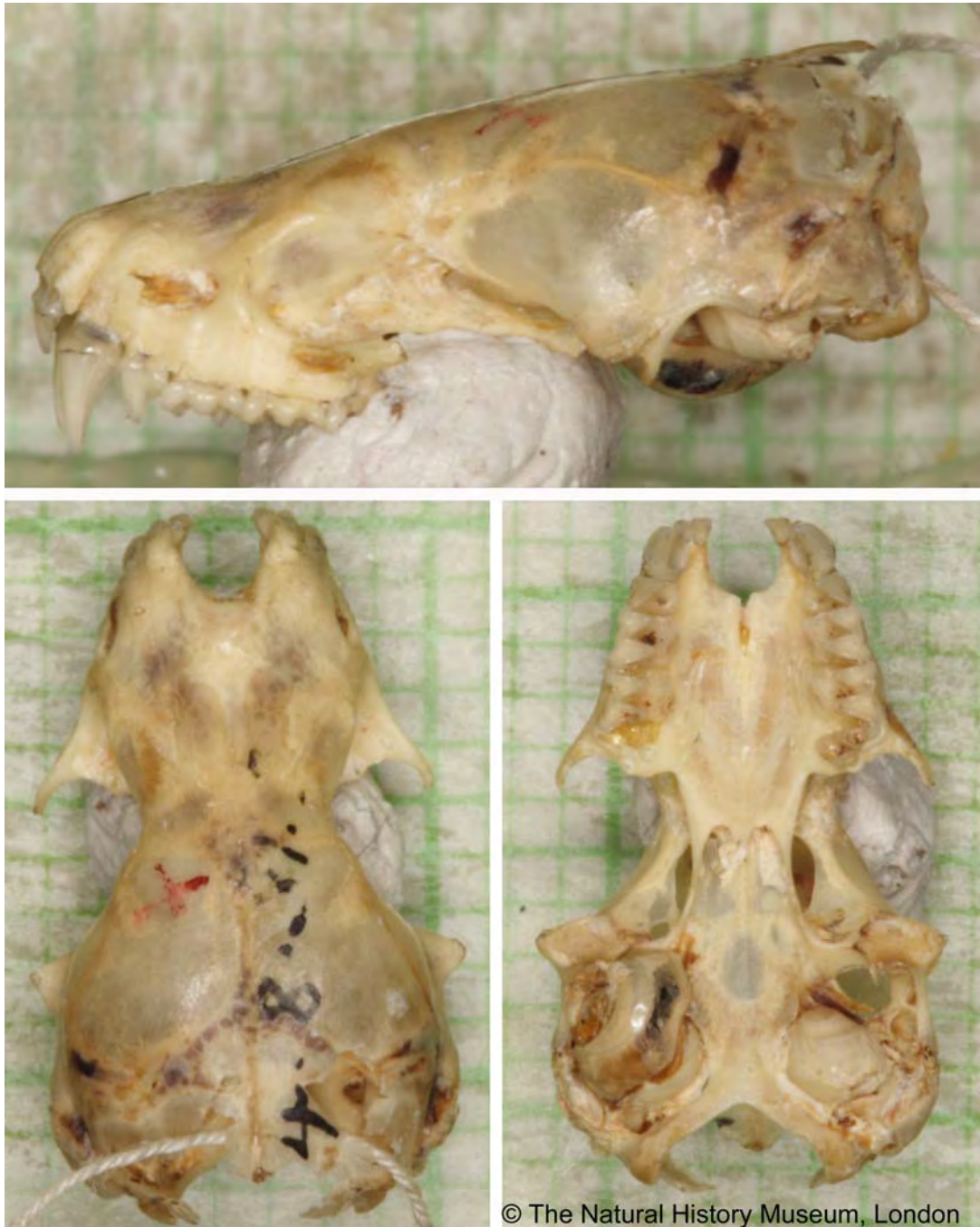


Figure 246 BMNH 1904.8.31.3 Holotype of *Vespertilio capensis gracilior* Thomas and Schwann, 1905, the species is now referred to as *Neoromicia capensis*.



Figure 247 BMNH 1904.11.4.7 Holotype of *Pipistrellus ariel* Thomas, 1904, now referred to as *Neoromicia ariel*.



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Figure 248 BMNH 1906.1.3.1 Syntype of *Vesperugo anchieta* de Seabra, 1900, now referred to as *Hypsugo anchietae*.



Figure 249 BMNH 1906.7.1.5 Holotype *Pipistrellus fuscipes* Thomas, 1913, currently recognised as *Pipistrellus rueppellii fuscipes*.



Figure 250 BMNH 1907.1.1.392 Holotype *Ptergistes madeirae* Barrett-Hamilton, 1906, currently recognised as a synonym of *Nyctalus leisleri* (Kuhl, 1817).



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Figure 251 BMNH 1907.1.1.419 Lectotype of *Scotophilus rusticus* Tomes, 1861, currently referred to as *Pipistrellus rusticus*.



Figure 252 BMNH 1907.1.1.420 Paralectotype of *Scotophilus rusticus* Tomes, 1861, currently referred to as *Pipistrellus rusticus*.



Figure 253 BMNH 1907.1.1.422 Syntype of *Vespertilio nanus* Peters, 1952, currently referred to as *Pipistrellus nanus*.



Figure 254 BMNH 1907.1.1.423 Holotype of *Scotophilus darwini* Tomes, 1859, currently a synonym of *Hypsugo savii* (Bonaparte, 1837).



Figure 255 BMNH 1911.3.24.4 Holotype *Pipistrellus culex* Thomas, 1911, currently recognised as a synonym of *Pipistrellus nanus* (Peters, 1852).



Figure 256 BMNH 1913.2.8.1 Holotype of *Pipistrellus musciculus* Thomas, 1913, currently referred to as *Hypsugo musciculus*.

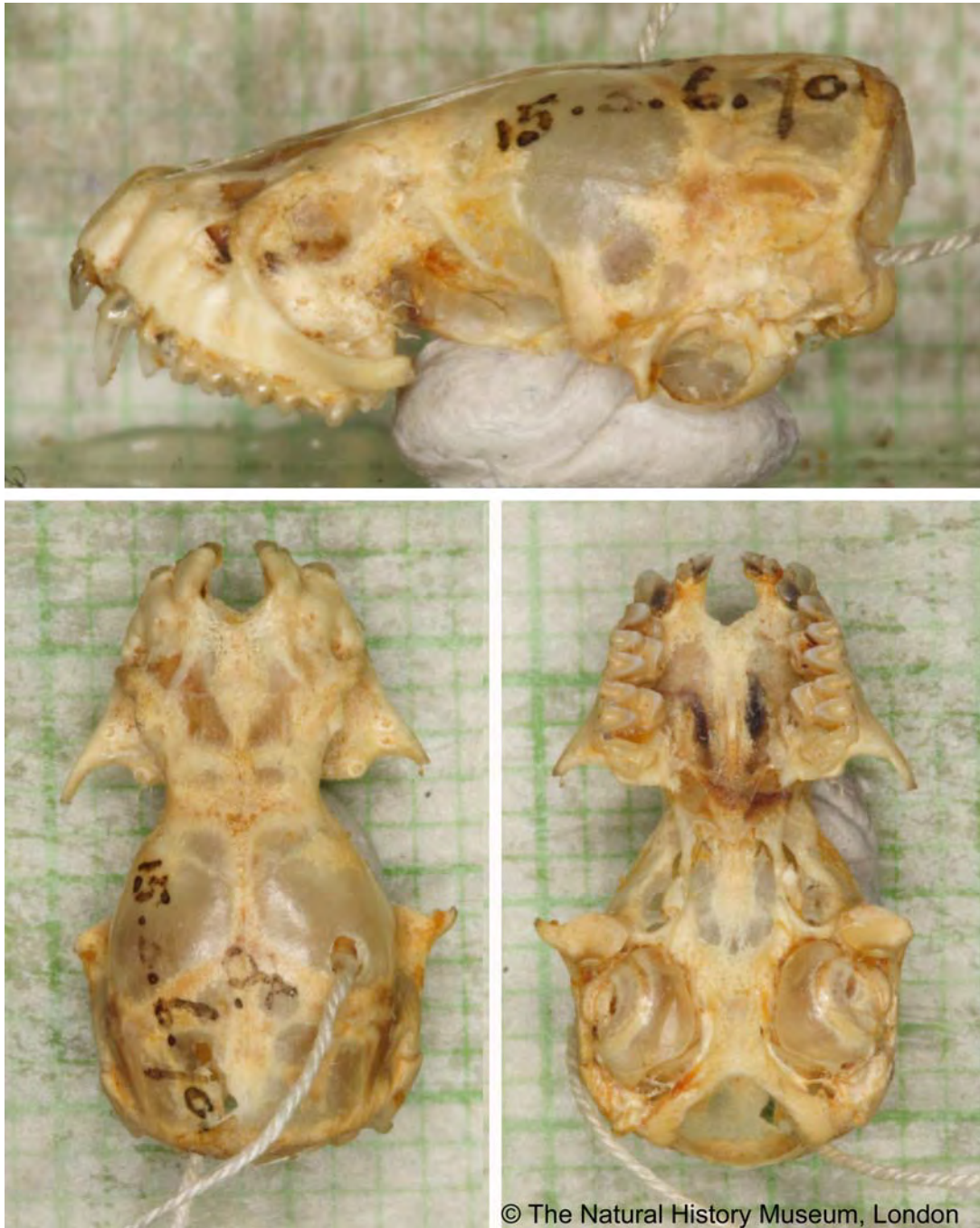


Figure 257 BMNH 1915.3.6.70 Holotype of *Rhinopterus lowei* Thomas, 1915, currently synonymised with *Eptesicus floweri* (de Winton, 1901).



Figure 258 BMNH 1919.7.7.3528 Holotype of *Vesperugo (Vesperus) innesi* Lataste, 1887, currently synonymised with *Eptesicus bottae* (Peters, 1869).



Figure 259 BMNH 1925.12.4.20 Holotype of *Pipistrellus fouriei* Thomas, 1926, currently synonymised with *Pipistrellus nanus* (Peters, 1852).

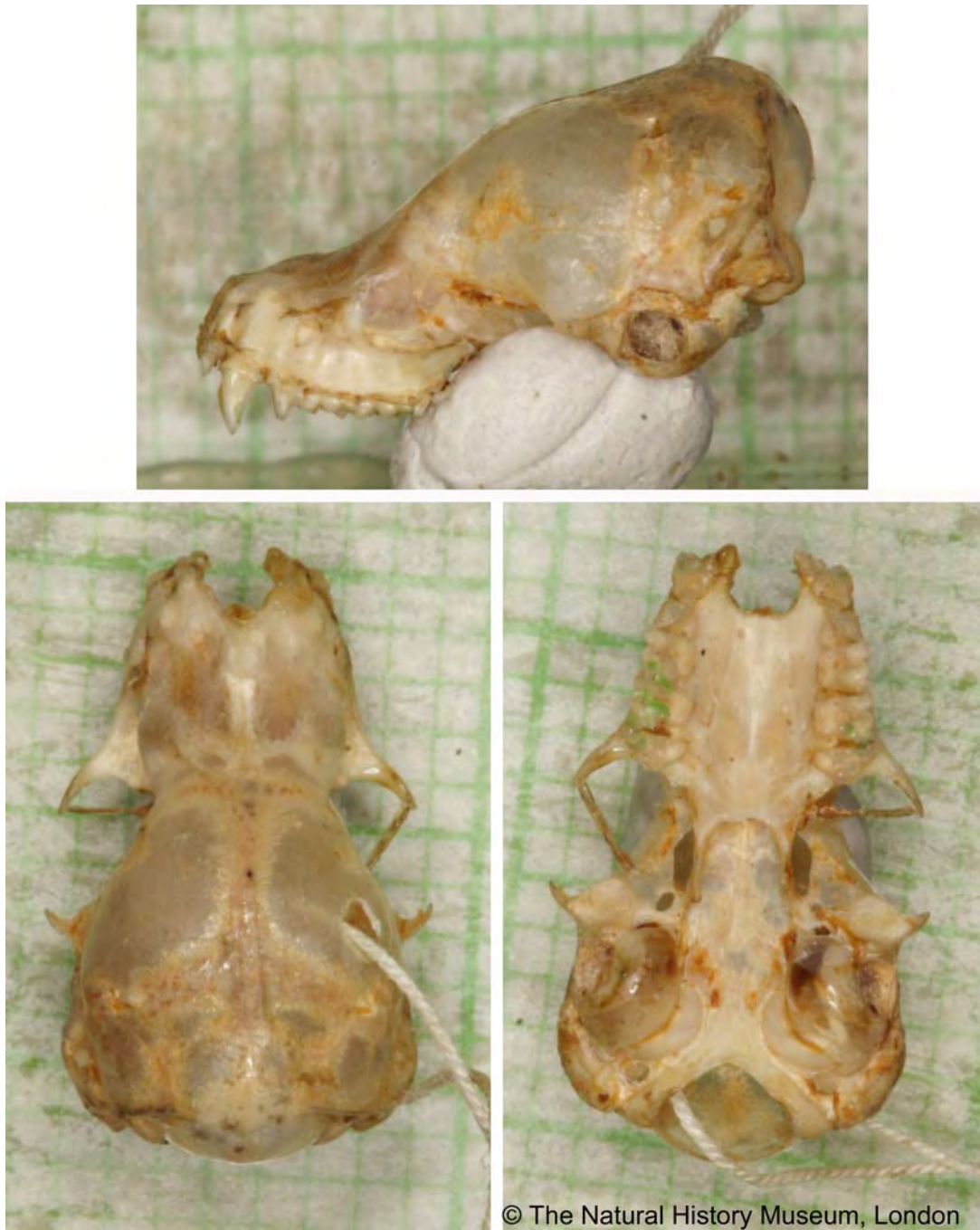


Figure 260 BMNH 1955.8.16.34 Holotype of *Vesperugo maderensis* Dobson, 1878, currently known as *Pipistrellus maderensis*.



Figure 261 TM 1021 Holotype of *Rhinolophus swinnyi* Gough, 1908.



Figure 262 TM 2286 Holotype of *Cistugo lesueuri* Roberts, 1919



Figure 263 TM 3024 Holotype of *Eptesicus zuluensis* Roberts, 1924, now referred to as *Neoromicia zuluensis*.