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## ANNOTATED CHECKLIST OF THE MAMMALS OF KENYA. I. CHIROPTERA

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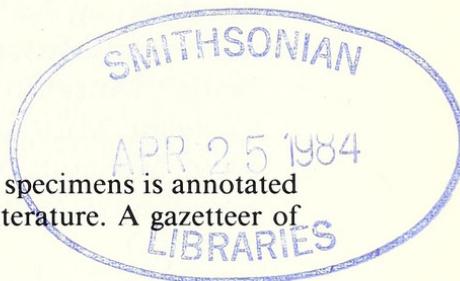
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### ABSTRACT

A list of 95 species in nine families of bats known by Kenyan specimens is annotated with records of museum specimens or with references to the literature. A gazetteer of collecting localities is included.



### INTRODUCTION

Although a series of books has been published recently dealing with East African mammals (Kingdon 1971, 1974a, 1974b, 1977, 1979, 1982a, 1982b), for those persons studying the taxonomy and biogeography of small mammals such as insectivores, bats, and rodents, reference must be made to the older, primary literature for identifications and distributional records. We are attempting to synthesize the pertinent literature in the form of annotated checklists. This is the first of these checklists, dealing specifically with bats. It is an attempt to update the checklist published by Harrison (1961). Knowledge of the taxonomy and geographic distribution of bats in Africa is increasing at a rapid rate. Consequently numerous taxonomic changes and many new distributional records are included in this checklist. Two species (*Myonycteris relicta* Bergmans, 1980, and *Chalinolobus kenyacolus* Pe-

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terson, 1982) have been described from Kenya since the appearance of the last checklist (Harrison, 1961).

The distributional records in the checklist are based on two sources—records from museum voucher specimens and records from the literature. We have tried as much as possible to include literature records where actual specimens were involved and not to include records based on inference from distributions of the species. Thus the lists of mammals given by Williams (1967) for the Kenyan national parks and game reserves have generally not been included unless a specific location within the park is given.

The format remains essentially as that used by Harrison (1961), including brief remarks where necessary. Because we feel it more important to know the location of a voucher specimen that constitutes a locality record, we have retained the museum reference as much as possible for those records published by Harrison (1961). Specimen records are included from the following museums. Acronyms are listed in parentheses for each of them.

- Academy of Natural Sciences, Philadelphia (ANSP)
- American Museum of Natural History, New York (AMNH)
- British Museum (Natural History), London (BMNH)
- Carnegie Museum of Natural History, Pittsburgh (CM)
- Field Museum of Natural History, Chicago (FMNH)
- Forschungsinstitut und Natru-Museum Senckenberg, Frankfurt a.m. (SMF)
- Harrison Zoological Museum, Seven Oaks (HZM)
- Michigan State University, The Museum, East Lansing (MSU)
- National Museum of Natural History, Smithsonian Institution, Washington, DC (USNM)
- National Museums of Kenya, Nairobi (NMK)
- Natural History Museum of Los Angeles County, Los Angeles (LACM)
- Naturhistorisches Museum Wien, Vienna (NMW)
- R.E. Mumford Private Collection, Purdue University, West Lafayette (REMC)
- Ryksmuseum van Natuurlijke Histoire, Leiden (RMNH)
- Royal Ontario Museum, Toronto (ROM)
- Zoological Museum, Amsterdam (ZMA)

The distributional records included in the checklist are by no means complete. Nevertheless, it is our sincere hope that the information provided will stimulate additional interest and research on the bat fauna of Kenya.

### ACKNOWLEDGEMENTS

We wish to acknowledge numerous persons for helping us finish this first part of the checklist of Kenya mammals. In Kenya, Mrs. Gooderis helped compile the list of specimens in Nairobi. Numerous queries have been cheerfully checked by G. R. Cunningham-van Someren. The following persons allowed us to examine specimens in their care or sent us specimens on loan: Heinz Felten, Charles O. Handley, Jr., John E. Hill, Karl F. Koopman, Donald Patten, Friedericke Spitzenberger, and Robert Timm. We are indebted to each of these persons.

Additionally, Friedericke Spitzenberger, Paul Bates and David L. Harrison, and Dieter Kock graciously shared with us a list of the locality records for specimens from Kenya included in the mammal collections in Vienna, Seven Oaks, and Frankfurt a.m., respectively. C. Brian Robbins allowed us to see parts of a manuscript concerning a revision of the African representatives of the genus *Scotophilus* and to include in the checklist the additional records of museum specimens from Kenya of *S. dinganii*, *S. nigrita*, and *S. borbonicus viridis* that he had examined. Dieter Kock supplied an extensive list of references including many from the parasite literature. Charles O. Handley, Jr., supplied photocopies of numerous old and difficult to find articles. We thank them for their generosity and contributions.

Mary Ann Schmidt patiently and expertly typed numerous drafts of the manuscript. We extend our appreciation to her for her important contribution.

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### CHECKLIST

Order Chiroptera  
Suborder Megachiroptera  
Family Pteropodidae  
Genus *Eidolon* Rafinesque, 1815  
*Eidolon helvum helvum* (Kerr, 1792)

*Vespertilio vampyrus helvus* Kerr, 1792. Linnaeus' Animal Kingdom, 1:pt. 1, p. xvii, 91.

No type locality given but designated as Senegal by Andersen, 1907:504.

Records.—Kaimosi (NMK); Sabatia (Kock, 1978a:118, NMK); Mbale (NMK); Mukumu-Kakamega (NMK); Cherangani (NMK); 20 mi S Mombasa (Coe and Isaac, 1965: 124); Mombasa (NMK); Kavirondo (Copley, 1950:16, Harrison, 1961:286); Ruiru (Theodor, 1957:532); Kakamega (Williams, 1967:171, Kingdon, 1974:150); Kaimosi (Bramwell, 1947:57; Radford, 1947:309); Ndurugu River, Ruiru Dist., 8000 ft (Hopkins and Rothschild, 1956:192); Meragoli, N. Kavirondo (Bramwell, 1947: 57); Kimingini (Bramwell, 1947:57).

Remarks.—A few specimens have been retrieved from the west slope of the Aberdares, Kabete (electrocuted), Chyulus, and northern shore of L. Natron (embedded in soda ash). No roosting colonies are known from these localities so it is likely the individuals were enroute to some

other destination. Start (1972:71) doubts the record of this species reported by Coe and Isaac (1965:124).

### Genus *Rousettus* Gray, 1821

#### *Rousettus (Rousettus) aegyptiacus leachii* (A. Smith, 1829)

*Pteropus leachii* A. Smith, 1829. Zool. J. 4:433. Cape Town, South Africa.

*Records*.—Mt. Elgon (BMNH, HZM, NMK, NMW, AMNH) Bahati, nr. Nakuru (AMNH, Theodor, 1955:204; Kock, 1978b:207); Shimoni (BMNH, CM, SMF, Falcoz, 1923:549; Kulzer, 1959:15; Kock, 1978b:207); Chyulu Hills (NMK, Simons, 1974:251; Kock, 1978b:207); Karen (NMK, Kock, 1978b:207); Sokoke Forest (NMK, Kock, 1978b:207); Ngombeni Caves (NMK, Dulic and Mutere, 1977:232); Narok (CM); nr. Tiwi (Whitaker and Mumford, 1978:634); Kitumu Cave, Mt. Elgon National Park (SMF, Kock, 1978b:207); Vipingo Caves, N Mombasa (Williams, 1966:30); Vipingo, 20 mi N Mombasa (Start, 1972:71); Mida, 40 mi N Vipingo (Start, 1972:71); 30 mi N Mida on Malindi-Garsen Road (Start, 1972:72).

*Remarks*.—The locality recorded as Similani Cave, about 40 km S Mombasa, by Dulic and Mutere (1977:232), is the same as Ngombeni Caves. Similani Cave is a local name for the coastal cave but Ngombeni is used for the larger area.

#### *Rousettus (Stenonycteris) lanosus kempfi* (Thomas, 1909)

*Rousettus kempfi* Thomas, 1909. Ann. Mag. Nat. Hist. (8)4:543. Kirui, 6000 ft, Mt. Elgon, Kenya.

*Records*.—Kirui, Mt. Elgon (Thomas, 1909b:543); Mt. Elgon, 8000 ft (Granvik, 1924:9); Kiega Hill, Meru Dist. (HZM); Kiambu, nr. Nairobi (BMNH); Limuru (NMK, Kock, 1978b:207); Kathama Kangundo Escarpment (NMK); Menengai Crater, Nakuru (NMK, USNM); nr. Nakuru (Whitaker and Mumford, 1978:634); Mount Menengai (Theodor, 1955:227, 1957:532; Keegan, 1956; Bergmans, 1982:161); Mt. Elgon (Copley, 1950:16).

#### *Rousettus (Lissonycteris) angolensis ruwenzorii* Eisentraut, 1965

*Rousettus angolensis ruwenzorii* Eisentraut, 1965. Bonn. Zool. Beitr., 16:3. Ruwenzori East (Mubuku Valley), Uganda.

*Records*.—SE slopes of Mt. Elgon (HZM); Lirandha Hill, Kakamega (HZM); Karura Forest, Nairobi (HZM, NMK, Harrison, 1960a:67; Kock, 1978b:207); Kakamega (NMK, SMF, USNM, Kock, 1978b:207); 20 mi SW Kitale (USNM); Ngangao Forest, Taita Hills (USNM); Saboti (USNM); Chyulu Hills (NMK); Sokoke Forest (NMK, Kock, 1978b:207); Mt. Elgon Caves (NMK, Kock, 1978b:207); Kakamega Forest (Zimmerman, 1972:270); Mneneenka blow holes, Chyulu Hills (NMK, Kock, 1978b:207); Kiminini Caves, Mt. Elgon (Simpson et al., 1968:439).

### Genus *Myonycteris* Matschie, 1899

#### *Myonycteris relicta* Bergmans, 1980

*Myonycteris relicta* Bergmans, 1980. Zool. Med., 55(14):173. Mukanda River, Lukore area, Shimba Hills, Kenya.

*Records*.—Mukanda River, Lukore area, Shimba Hills (Bergmans, 1980:173).

Genus *Hypsignathus* H. Allen, 1861  
*Hypsignathus monstrosus* H. Allen, 1861

*Hypsignathus monstrosus* H. Allen, 1861. Proc. Acad. Nat. Sci. Philadelphia, p. 157.  
 "West Africa" = Gabon.

*Records*.—Shikusa, nr. Kakamega (Fleetwood, 1962:203, NMK); Kakamega Forest (Williams, 1967:172); Kaimosi (Kingdon, 1974:173).

Genus *Epomophorus* Bennet, 1836  
*Epomophorus crypturus* Peters, 1852

*Epomophorus crypturus* Peters, 1852. Reise nach Mossambique, Saugethiere, p. 26, pl. 5; pl. 13; f. 1–6. Tette, Mozambique.

*Records*.—Mombasa (Peters, 1877:913).

*Epomophorus wahlbergi haldemani* (Halowell, 1846)

*Pteropus haldemani* Halowell, 1846. Proc. Acad. Nat. Sci. Philadelphia, 3:52. West Africa.

*Records*.—Smara, Mt. Kenya (Andersen, 1912a:527); Fort Hall, Mt. Kenya (Andersen, 1912a:527); Nyeri (HZM); Namanga (HZM, BMNH); Cherangani Hills (BMNH); Tinderet Forest, Songhor, Molo (HZM); Kakamega (HZM); Lamu (Allen and Lawrence, 1936:45); Taita Hills (Hollister, 1918:71); Vasco da Gama Pt., Malindi (HZM); Diani Beach (SMF); 10 km S Diani Beach (SMF); Malindi (AMNH, BMNH, CM, NMK, Matschie, 1899:51, Andersen, 1912a:525, Kock, 1969:19); Kitui (Andersen, 1912a:525); Kikambala, 25 km N Mombasa (Wickler and Seibt, 1976:346, SMF); Mombasa (Peters, 1880:831, Matschie, 1899:51, Andersen, 1912a:525, Theodor, 1968:321, 370, Kock, 1969:19, SMF); Takaungu (Matschie, 1899:51, Andersen, 1912a:525); Meru River (Allen, 1911:322); Chyulu Hills (NMK); Nairobi (HZM, NMK, Dulic and Mutere, 1973b: 389, Kingdon, 1974:158, Dulic and Mutere, 1977:232); Karen (NMK, SMF); Karura Forest, Nairobi (Loveridge, 1922:44, NMK); Kabete (NMK, SMF, Kock, 1969:19); Ruaraka, N of Nairobi (SMF); Yala River (NMK); Kericho (NMK); Donyo Sabak (NMK); Baricho (NMK); Garabani (NMK); Athi River (NMK); Kijabe (NMK); Masabubu, Garissa (NMK, AMNH); Mt. Elgon Caves (NMK); Endau Mt., Kitui Dist. (NMK); Endebess (NMK); Narok (CM); O1 Messoti, Loita Hills (CM); Hunter's Lodge, nr. Makindu (Peterson and Nagorsen, 1975:2); Upper Luazomela River, nr. Meru (Lonnberg, 1912: 47); Masalani, 20.1 km NE Kibwezi (O'Shea and Vaughan, 1981:489); Kakamega Forest (Zimmerman, 1972:270).

*Remarks*.—The relationship in East Africa between the nominate subspecies and the more western and smaller *E. w. haldemani* requires additional study. The *Epomops franqueti* reported from Hunter's Lodge by Peterson and Nagorsen (1975:2) was a misidentified *Epomophorus wahlbergi* (Eger, personal communication). Williams (1967) recorded *E. franqueti* as occurring in the Massai-Mara Game Reserve, Marsabit National Reserve, Meru Game Reserve, Samburu-Isiolo Game Reserve, and Tsavo National Park. Presumably the inclusion of this species in the fauna of these parks and game reserves is also in error.

***Epomophorus labiatus anurus* Heuglin, 1864**

*Epomophorus anurus* Heuglin, 1864. Nova Acta Acad. Caes. Leop.-Carol. 31(7):12. Bongo, Bahr el Ghazal, Sudan.

*Records.*—Malindi (Dobson, 1880:171; Peters, 1880:831); Turquel (Andersen, 1912a: 534); Kirui, Mt. Elgon (Andersen, 1912a:534); Mumias, Mt. Elgon (BMNH); Patta Island (NMK); Barberton's farm, Kitale (USNM); Kongelai, West Pokot (USNM); Kibwezi (AMNH); Namanga (AMNH); 12 mi W Kitale (USNM); Katilo (BMNH); Nairobi (NMK, Verschuren, 1980:5); Sebaki River (Dollman, 1914a:88); nr. Tiwi (Whitaker and Mumford, 1978:634).

***Epomophorus minor* Dobson, 1880**

*Epomophorus minor* Dobson, 1880. Proc. Zool. Soc. London, p. 715. Zanzibar.

*Records.*—Turquel (Thomas, 1891:182); Kanyangaren, West Pokot (NMK); Shombole (NMK); Patta Island (NMK); Ngenyi, Samburu Dist. (NMK); Wei-Wei River, Sigor (BMNH); Olebortoto River (BMNH); Southern Guaso Nyiro (Dollman, 1914b:308, BMNH); Nakuchett, 16 mi NNE Kacheliba (USNM); 12 mi W Kitale (USNM); Kitale (USNM); Nyeri (Harrison, 1961:287); Kaimosi (Allen and Lawrence, 1936:46); Masabubu, Garissa (AMNH); Baringo (Lonneberg, 1918:174).

*Remarks.*—Allen and Lawrence (1936:46) regarded *E. minor* as a subspecies of *E. labiatus* and *E. anurus* as a full species, but Kock (1969:18–24) and Largen et al. (1974:226) considered *E. minor* as a full species and *E. anurus* as a subspecies of *E. labiatus*. Koopman (1975:363–366) followed this arrangement but observed the need for further taxonomic study into the *anurus-labiatus-minor* complex.

**Genus *Micropteropus* Matschie, 1899**

***Micropteropus pusillus* (Peters, 1868)**

*Epomophorus pusillus* Peters, 1868. Monatsber. K. Preuss. Akad. Wiss. Berlin, p. 870 (for 1867). Gambia.

*Records.*—South Kavirondo (Copely, 1950:16; Harrison, 1961:287); Meru River (Allen, 1911:322); Barberton's farm, Kitale (USNM).

**Suborder Microchiroptera**

**Family Rhinopomatidae**

**Genus *Rhinopoma* E. Geoffroy, 1818**

***Rhinopoma hardwickei macinnesi* Hayman, 1937**

*Rhinopoma cystops macinnesi* Hayman, 1937. Ann. Mag. Nat. Hist., (10)19:530. Bat Island, near Central Island, Lake Turkana, Kenya.

*Records.*—Bat Island, Lake Turkana (Hayman, 1937:530), Lothagam Hill, West shore Lake Turkana (NMK); Central Island, Lake Turkana (NMK, Williams, 1965:21, 1967: 174); Gibralter Island, Lake Baringo (NMK, Kingdon, 1974:217); Lodwar (NMK); Kamipi ya Samaki (USNM); Lesukut Island, Lake Baringo (Kock, 1969:46, HZM, SMF); Lake Baringo (Williams, 1967:174); Ferguson's Gulf (Williams, 1967:174); Lokomorinyang (Williams, 1967:174).

Family Emballonuridae  
 Genus *Coleura* Peters, 1867  
*Coleura afra afra* (Peters, 1852)

*Emballonura afra* Peters, 1852. Reise nach Mossambique, Saugethiere, p. 51, pl. 12–13. Tette, Mozambique.

*Records*.—Voi (Hollister, 1918:72, NMK); Diani Mosque, South Mombasa (HZM); Ngombeni, 11 km S Mombasa (Kulzer, 1959:18, Fain, 1961; HZM, NMK, SMF); Msambweni (NMK); Kilifi (NMK); Gede (NMK); Shimoni (Kulzer, 1959:18, NMK); Tschaka (Peters, 1880:832, Dobson, 1880:193); Ferguson's Gulf (CM); Karibiti (CM); Tsavo (AMNH); 10 mi E Mwingi (AMNH); Fort Jesus, Mombasa (SMF); Lake Baringo (Kingdon, 1974:204).

Genus *Taphozous* E. Geoffroy, 1818  
*Taphozous (Taphozous) hildegardeae* Thomas, 1909

*Taphozous hildegardeae* Thomas, 1909. Ann. Mag. Nat. Hist., (8)4:98. Rabai, Mombasa Dist., Kenya.

*Records*.—Rabai (Thomas, 1909a:99, NMK, NMW); Shimoni (Thomas, 1909a:99, Falcoz, 1923:533, Williams, 1966:30, A. Pye, 1973:84, HZM, BMNH, NMK, SMF); Msambweni (NMK); Ngombeni, 11 km S Mombasa (Kulzer, 1959:19, Kock, 1974a:70, NMK, SMF); Chanler's Falls (NMK); Masabubu, Tana River (NMK); Gede (NMK); Ukunda (Kock, 1974a:70, NMK); Tiwi (Kock, 1974a:70, NMK); Kilindini, in Mombasa (Kock, 1974a:70); Ngomeni (Kock, 1974a:70); Manda Island (Voeltzkow, 1923).

*Remarks*.—Kock (1974a:70) questioned whether the Ngomeni record was from Kenya or Tanzania. It is probably from the village of Ngomeni on the Ras Ngomeni peninsula. However, another village named Ngomeni exists north of the Thika-Garissa road at approximately 0°38'S, 38°25'E.

*Taphozous (Taphozous) perforatus haedinus* Thomas, 1915

*Taphozous perforatus haedinus* Thomas, 1915. Jour. Bombay Nat. Hist. Soc., 24:62. Chanler's Falls, Eusso Nyiro, Kenya.

*Records*.—Chanler's Falls (NMK, Thomas, 1915:63, Copely, 1950:18, Harrison, 1958:145); Lamu Island (Allen and Lawrence, 1936:46); Masabubu, Tana River (NMK); Central Island, Lake Rudolf (NMK); Maungu (CM); Sokoke Forest (CM); Karibiti (CM).

*Taphozous (Taphozous) mauritianus* E. Geoffroy, 1818

*Taphozous mauritianus* E. Geoffroy, 1818. Description de l'Egypte, 2:127. Mauritius.

*Records*.—Malindi (Peters, 1880:831); Turkwel River (Dollman, 1914b:309); Kisumu (Hollister, 1918:73); Nairobi (HZM, NMK, Williams, 1965:21); Bulessa (De Beaux, 1923:91); Galana Ranch (NMK); Mombasa (BMNH); Takaungu (BMNH); Nuu Kitui (NMK); Aruba Lodge, Tsavo National Park, Voi (HZM, NMK, SMF); Masalani, 20.1 km NE Kibwezi (O'Shea and Vaughan, 1981:489); nr. Mt. Suswa (NMK).

*Taphozous (Liponycteris) hamiltoni* Thomas, 1920

*Taphozous hamiltoni* Thomas, 1920. Ann. Mag. Nat. Hist., (9)5:142. Mongalla, Equatoria Province, Sudan.

*Records.*—Central Island, Lake Turkana (Kock, 1981a:321, NMK, SMF); Kaitherin Hills, 40 mi W north end Lake Turkana (St. Leger, 1937:525, Koopman, 1975:372–373, BMNH).

*Remarks.*—The Kaitherin Hills have been included in Sudan (Kock, 1969:86, Koopman, 1975:372–373, Kock, 1981a:321) as often the northern boundary of Kenya in this region is given as a straight line at approximately 4°37'N, but there is a region reaching north of that line in this area to over 5°N belonging to Kenya but administered by the Sudan.

### ***Taphozous (Liponycteris) nudiventris nudiventris* Cretzschmar, 1826**

*Taphozous nudiventris* Cretzschmar, 1826. Ruepell's Atlas Reise Nord-Ost Afrika, Saugethiere, p. 70. Giza, Egypt.

*Records.*—Lodwar (St. Leger, 1937:525, BMNH); Karsa, East Lake Turkana (NMK).

### ***Taphozous (Saccolaimus) peli* (Temminck, 1853)**

*Saccolaimus peli* Temminck, 1853. Esquisses Zool. sur la côte de la Guinée, p. 82. Boutry River, Ghana.

*Records.*—Nandi Forest (Hayman and Hill, 1971:16, BMNH); Kaimosi (Kingdon, 1974:211).

### Family Nycteridae

#### Genus *Nycteris* Cuvier and E. Geoffroy, 1795

#### *Nycteris hispida aurita* (Andersen, 1912)

*Petalia aurita* Andersen, 1912. Ann. Mag. Nat. Hist., (8)10:547. Kilifi, Kenya.

*Records.*—Kitui (Peters, 1878:195, Dobson, 1880:182); Sala, Tsavo National Park (Kock, 1969:89, SMF); Nairobi (Hollister, 1918:74, Koopman, 1975:378, HZM, NMK); Tana River (True, 1893:602, Hollister, 1918:74, Koopman, 1975:378); Marsabit Road (Hollister, 1918:74, Koopman, 1975:378); Ferguson's Gulf, Lake Turkana (Harrison, 1957b:25, Howell, 1974:14, HZM); Lodwar (St. Leger, 1937:525, BMNH); Mumias, Elgon (BMNH); Machakos (BMNH); Mt. Elgon (Granvik, 1924:10); Kaimosi (Allen and Lawrence, 1936:48, Koopman, 1975:378); Wema, Ngutana (Allen and Lawrence, 1936:48, Koopman, 1975:378); Shimba Hills (NMK); Stony Athi (NMK); Nakuru (NMK); Nginyang, nr. Lake Baringo (HZM); Makeri, Lower Tana River (AMNH); Voi (Koopman, 1975:378, AMNH); Masabubu, Garissa (Koopman, 1975:378, AMNH); Galma Galla, Garissa (Koopman, 1975:378, AMNH); Kilifi (Andersen, 1912b:547, Koopman, 1975:378, USNM); Athi River (USNM); Maungu (Andersen, 1912b:547); Njoro, north of Guaso Nyiro (Lonnberg, 1912:48); Central Island (Howell, 1974:14); Ijara (Percy et al., 1953:12); Leopard Rock, Meru National Park (SMF).

*Remarks.*—A study of geographic variation in *Nycteris hispida* in East Africa is needed.

### ***Nycteris nana tristis* Allen and Lawrence, 1936**

*Nycteris nana tristis* Allen and Lawrence, 1936. Bull. Mus. Comp. Zool., 79:47. Kaimosi, Kakamega Dist., Kenya.

*Records.*—Yala River (Hollister, 1918:73); Kaimosi (Allen and Lawrence, 1936:47,

NMK); Yala River, Kavirondo (Koopman, 1975:375, BMNH); Kakamega (HZM, SMF); Lake Naivasha (NMK).

### *Nycteris arge* Thomas, 1903

*Nycteris arge* Thomas, 1903. Ann. Mag. Nat. Hist., (7)12:633. Efulen, Cameroon.

Records.—Yala River (Hollister, 1918:73); Yala River, Kavirondo (BMNH, NMK).

### *Nycteris thebaica labiata* Heuglin, 1861

*Nycteris labiata* Heuglin, 1861. Nova Acta Acad. Caes. Leop.-Carol., Halle 29(8):5. Keren, Bogosland, Eritrea, Ethiopia.

Records.—Ndi (Peters, 1878:195); Taveta (Thomas, 1910:309); Archer's Post (De Beaux, 1923:91, NMK); Guaso Nyiro (Allen, 1911:323); Voi (Allen and Lawrence, 1936:49); Elgonyi (Allen and Lawrence, 1936:49); Kirui (Allen and Lawrence, 1936:49); Shimeni (CM, HZM, NMK); Nairobi (HZM, NMK); Magadi (HZM); Cherangani Hills (Ruxton, 1926:28); River Kerio Suk (Ruxton, 1926:28); Laldyka Hills, nr. Nanyuki (HZM); Machakos (BMNH); Tanganyiko, nr. Mombasa (BMNH); Kiambu, nr. Nairobi (HZM); Lake Naivasha (HZM); Rongai (HZM); Molo (HZM); Karen (HZM); Eldoret (HZM); Marsabit Mountains (HZM); Athi River (HZM); Gilgil (HZM); Yatta Escarpment (HZM); Mrima Hill (HZM); Lake Elmenteita (HZM, NMK); Elgon Caves (NMK); Ol Kalou (NMK); Langata Forest, Nairobi (NMK); Ngong Hills (NMK); Molo River (NMK); Konza (NMK); Soysambu (NMK); Malindi (NMK); Lokori, southern Turkana (NMK); Watamu (NMK); Mt. Suswa (Nader and Kock, 1983:10, NMK, SMF); Nakuru (NMK); Kibwezi (NMK); Kijabe (NMK); Msambweni Cave (NMW); Karibiti (CM); Juja Farm (Lonnberg, 1916:5); Masalani, 20.1 km NE Kibwezi (O'Shea and Vaughan, 1981:489); Gedi National Park (Nader and Kock, 1983:10, SMF); 10 km S Diani Beach (Nader and Kock, 1983:10, SMF); Olorgesailie, 45 mi SW Nairobi (Hermes and Jabbar, 1968:158); Bushwhacker's Safari Camp (Nader and Kock, 1983:10, SMF).

### *Nycteris macrotis luteola* Thomas, 1901

*Nycteris aethiopica luteola* Thomas, 1901. Ann. Mag. Nat. Hist., (7)8:30. Kitui, Kenya.

Records.—Kitui (Thomas, 1901c:31); Frere Town (Loveridge, 1922:45); Mt. Kenya (BMNH); Mombasa (NMK, BMNH); Fort Hall (BMNH); 4.5 mi SW Ijara (AMNH); Kiamba, nr. Nairobi (FMNH); Kilifi (HZM); Lake Naivasha (NMK); Kaimosi (NMK); Diani (NMK); Voi (MCZ); Masabubu, Garissa (AMNH, CM); 1.5 mi E Masabubu (CM); Mazeras (Hollister, 1918:74, USNM); Ngombeni (USNM); Ribe (NMW); 10 km S Diani Beach (SMF).

### *Nycteris grandis* Peters, 1865

*Nycteris grandis* Peters, 1865. Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 358; for 1870 p. 906, 1871. "Guinea."

Records.—10 km S Diani Beach (Kock, 1981a:323, SMF).

### Family Megadermatidae

#### Genus *Cardioderma* Peters, 1873

#### *Cardioderma cor* (Peters, 1872)

*Megaderma cor* Peters, 1872. Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 194. Abyssinia.

*Records.*—Malindi (Dobson, 1880:182, Peters, 1880:831); Taveta (True, 1892:469); Chesegon, Cheptulel (NMK); Archer's Post (Hollister, 1918:81, De Beaux, 1923:97, NMK); Magadi (HZM, NMK); Tharaka, Meru Dist. (HZM); Tsavo Park (HZM); Lodwar (St. Leger, 1937:525, CM); Mombasa (Peters, 1877:913, Dobson, 1880:182, Theodor, 1956:385, 1957:495, BMNH, HZM); Pata Island (Voeltzkow, 1923); Voi (BMNH, NMK, SMF); Ndara Hills, Voi (BMNH); Eusso Nyiro (NMK, BMNH); Chanler's Falls (NMK, BMNH); Tiwi, 24 km S Mombasa (Kulzer, 1957:20, SMF); Diani (HZM); Ukunda, south of Mombasa (NMK); Ukazzi (HZM, SMF); Lamu Island (Allen and Lawrence, 1936:50, NMK); Garba Tula (NMK); Yatta Escarpment, Voi (NMK); Lorugumo, Turkana (NMK); Olorgesailie (Toschi, 1949:28, NMK); Habaswein (NMK); Shimoni (CM, NMK, Williams, 1966:30); Fisherman's Cave, Kenya Coast (NMK); Sokoke Forest (NMK); Ngombeni (USNM, Theodor, 1968:341, 344); Masabubu, Garissa (AMNH); Karibiti (CM); Maungu (CM); Sebaki River (Dollman, 1914a:88); Bushwhacker's Safari Camp, 10½ km N, 17 km E Kibwezi (Vaughan, 1976:228); Tsavo West National Park (Vaughan, 1976:230); Masalani, 20.1 km NE Kibwezi (O'Shea and Vaughan, 1981:489); Ferguson's Gulf (Howell, 1974:14); Tseikuru (Theodor, 1968:341); Kilifi Creek (Theodor, 1968:341); Buffalo Springs (SMF); Tiwi beach (A. Pye, 1973:84).

**Genus *Lavia* Gray, 1838**  
***Lavia frons rex* Miller, 1905**

*Lavia rex* Miller, 1905. Proc. Biol. Soc. Washington, 18:227. Taveta, Kenya.

*Records.*—Taveta (True, 1892:469, Neumann, 1900:538, Miller, 1905:227, Thomas, 1910:309, Hollister, 1918:77); Nguruman Escarpment, West Lake Magadi (NMK); Stony Athi (NMK); Narok (NMK); Athi Station (Hollister, 1918:77); Kisumu (Hollister, 1918:77, NMK); Machakos Road (Hollister, 1918:77); Southern Guaso Nyiro (Hollister, 1918:77); Telek River, Sotik (Hollister, 1918:77); Ulukenia Hills (Hollister, 1918:77); Nanyuki (HZM); Narrosurra River (Kollman, 1914:319, 1919); River Kerio Suk (Lonnberg, 1918:175, Ruston, 1926:28); Lopi River (St. Leger, 1937:525); Lamu Coast (BMNH); Fort Hall (BMNH, NMK); Amala River (Dollman, 1914b:308, BMNH); Lorian Swamp (BMNH); Archer's Post (De Beaux, 1923:96); Bulessa (De Beaux, 1923:96); Kaimosi (Allen and Lawrence, 1936:50); Kitau, Manda Island (Allen and Lawrence, 1936:50); Mkonumbi (Allen and Lawrence, 1936:50); Golbanti (Allen and Lawrence, 1936:50); Garabani (NMK); Kanjira (NMK); Olorgesailie (Toschi, 1949:28, NMK); Isiolo (NMK, USNM); Cherangani, Kitale (NMK); Rusinga (NMK); Lamu Island (NMK); Uasso Nyiro (NMK); Potha, nr. Machakos (NMK); Nairobi (HZM, NMK); Katilia, South Turkana (NMK); nr. Garba Tula (CM); nr. Malca Muda (CM); Kacheliba (CM); Lodwar (CM); Maungu (CM); Lokitanya Escarpment, 70 mi W (by road) Lodwar (CM); Masabubu, Garissa (AMNH); Marungu, Tsavo River (ANSP); Kindu Bay, Kisumu (NMK, Granvik, 1924:11); Mumias, Mt. Elgon (BMNH); Embu Boma (Kock, 1969:103); 2.5 mi SE Embu Boma (SMF); Meru (Allen, 1911:325); Northern Guaso Nyiro (Allen, 1911:325); Uasin Gishu Plateau (Allen, 1914:343); 30 mi NW Baringo (Dollman, 1914b:308); Kozibiri River (Dollman, 1914b:308); Ssio-Bay (Neumann, 1900:538); Kitui (Peters, 1878:195); Kau, Osi River (Dobson, 1880:182, Peters, 1880:831); Lake Hannington (Berger, 1910:336); North of Guaso Nyiro, below Chanler's Falls (Lonnberg, 1912:47); Lekiundi River (Lonnberg, 1912:47); Shella, Lamu Island (Allen and Loveridge, 1936:50); Yala River (NMK); Manda Island (Voeltzkow, 1923); Kipini, Tana River mouth (SMF); Baringo (Lonnberg, 1918:175); Ferguson's Gulf (Howell, 1974:14).

**Family Rhinolophidae**  
**Genus *Rhinolophus* Lacepede, 1799**  
***Rhinolophus hildebrandtii* Peters, 1878**

*Rhinolophus hildebrandtii* Peters, 1878. Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 195, pl. 1, f. 1, 1a. Ndi, Kenya.

*Records.*—Ndi (Peters, 1878:196); Taita (Matschie, 1895:20, Andersen, 1905b:651); Machokos (Andersen, 1905b:651); Ulukenia Hills (Hollister, 1918:84, HZM); Fort Hall (BMNH); Voi (Allen and Lawrence, 1936:51, AMNH, MCZ); Athi River (NMK); Ol Donyo Sabuk (NMK); Diani (NMK); Northern Uaso Nyiro (NMK, USNM); Mt. Mbo-lolo (NMK); Mt. Suswa (NMK); Mt. Elgon (NMK); Nakuru (NMK); Barberton Cave, Kitale (NMK, USNM); Koru, Legetet Hill Cave (USNM, NMK); Ribe (NMW); nr. Kibwezi (Vaughan and Bateman, 1980:70); Masalani, 20.1 km NE Kibwezi (O'Shea and Vaughan, 1981:489); nr. Mtito Andei (AMNH); Kimakia Cave, North Chyulu Hills (Simons, 1974:250); Koru (HZM, Theodor, 1968:316, 347).

### ***Rhinolophus fumigatus exsul* K. Andersen, 1905**

*Rhinolophus fumigatus exsul* K. Andersen, 1905. Ann. Mag. Nat. Hist., (7)15:74. Kitui, Kenya.

*Records.*—Kitui (Andersen, 1905a:74); Loldyka Hills, nr. Nanyuki (HZM); Taveta (Thomas, 1910:309, BMNH); Shimoni (Kulzer, 1959:23); Marsabit Mountain (HZM); Kirui (Allen and Lawrence, 1936:52); Sokoke Forest (CM); Menengai, Nakuru (USNM); Lake Naivasha (USNM); Sultan Hamud (REMC); 10 mi W Chuka (Allen and Lawrence, 1936:52); Murka, Tsavo West National Park (SMF); Langata (SMF).

### ***Rhinolophus clivosus keniensis* Hollister, 1916**

*Rhinolophus keniensis* Hollister, 1916. Smithsonian Misc. Coll., 66(1):2. West side Mt. Kenya, 7000 ft, Kenya.

*Records.*—Mt. Kenya (Hollister, 1916:2, Koopman, 1975:386); Mt. Elgon (HZM, NMK, AMNH, Granvik, 1924:11, Harrison, 1959:230, Koopman, 1966:157, 1975:386); Londiani (Harrison, 1959:230, HZM); Limuru, Nairobi (Harrison, 1959:230, HZM); Endebess, Kitale (HZM); Kaptagat (Harrison, 1959:230, HZM); Cherangani Hills (Ruxton, 1926:28, Koopman, 1975:386); Molo (HZM); Elmenteita (HZM); Bukwa, Mt. Elgon (BMNH); nr. Kimilili Forest Station, Mt. Elgon (Dulic and Mutere, 1974:32); Tangan-yiko, nr. Mombasa (BMNH); Shimo na Kitu Cave, Rongai Valley (Rode, 1935:168); North Larogie (NMK); Elburgon (NMK); Gura River (NMK); Kericho (NMK); Mau Narok (Koopman, 1975:386, AMNH); Kitale (USNM); Nakuru (USNM); Mt. Elgon (Theodor, 1957:513, 1968:316, 347).

*Remarks.*—The pattern of distribution of subspecies of *R. clivosus* in East Africa is still confusing. Koopman (1975:285–286) discussed the geographic distribution of *R. c. acrotis* and *R. c. keniensis*. He (1975:286) noted the occurrence in south-central Kenya of specimens of intermediate size, between the large *R. c. keniensis* and small *R. c. acrotis*, and pointed out that each distinct population differed to a greater or lesser extent from every other. We have tentatively referred all records in Kenya to *R. c. keniensis* pending a detailed review of geographic variation in the species in East Africa.

### ***Rhinolophus landeri lobatus* Peters, 1852**

*Rhinolophus lobatus* Peters, 1852. Reise nach Mossambique, Säugetiere, p. 41. Sena, south bank of Zambesi River, Sena Dist., Mozambique, restricted by Moreau et al., 1946:399.

*Records.*—Gelitja (Peters, 1880:831); Lake Naivasha (Hollister, 1918:84, HZM); Kijabe Station (Hollister, 1918:84); Nairobi (HZM, NMK, Williams, 1965:21); Malindi (Matschie, 1895:20); Taveta (Thomas, 1910:309, BMNH, NMK); Voi (AMNH, BMNH,

NMK); Shimoni (NMK); Langata Forest, Nairobi (HZM, SMF, Kock, 1969:115); Ithundu (SMF); Murka, Tsavo West National Park (SMF); Marsabit (HZM); Mt. Elgon (NMK); Kapsakwany, Mt. Elgon (SMF); Kapretwa, 6500 ft, Mt. Elgon (Jobling, 1939:155, 1940: 404); Kapenguria (NMK); Mt. Suswa Caves (NMK, USNM); Athi River (USNM); Sulten Hamud (USNM); Ribe (NMK); Ukunda (HZM); Mombasa (Andersen, 1906c:189); Masalani, 20.1 km NE Kibwezi (O'Shea and Vaughan, 1981:489); Kiminini Caves, Mt. Elgon (Simpson et al., 1968:439).

### *Rhinolophus deckenii* Peters, 1868

*Rhinolophus deckenii* Peters, 1868. Monatsb. K. Preuss. Akad. Wiss. Berlin, p. 705 (for 1867). Coast of East Africa, probably opposite Zanzibar Island.

*Records*.—Tanganyiko, nr. Mombasa (Thomas, 1913:315, BMNH); Gebbi (BMNH); 6 mi S Kilifi (REMC); Shimoni (Kulzer, 1959:23); Well south of Mombasa (USNM).

*Remarks*.—Harrison (1961:289) re-examined the specimen recorded by Kulzer (1959:23) from Shimoni and identified it as *R. deckenii*. Although Hayman and Hill (1971:23) considered *R. deckenii* as a synonym of *R. clivosus*, we follow Koopman (1975:386) in considering it as a distinct species.

### *Rhinolophus simulator simulator* K. Andersen, 1904

*Rhinolophus simulator* Andersen, 1904. Ann. Mag. Nat. Hist., (7)14:384. Mazoe, northern Mashonaland, Zimbabwe.

*Records*.—Mt. Elgon (Koopman, 1975:386); Kipsiryo Cave, 11 km WSW Kiminini (NMW); 25 mi NW Kitale (HZM); 20 mi W Kilifi (REMC).

### *Rhinolophus eloquens* K. Andersen, 1905

*Rhinolophus hildebrandti eloquens* K. Andersen, 1905. Ann. Mag. Nat. Hist., (7)15:74. Entebbe, Uganda.

*Records*.—Lake Naivasha (Hollister, 1918:84); Nyuki River, northern Guaso Nyiro (Hollister, 1918:84, NMK); southern Guaso Nyiro River (Hollister, 1918:84); Mt. Elgon (Rode, 1935:168; Ferris and Usinger, 1939:16, NMW, HZM); Londiani (HZM); Thomson's Falls (HZM); 25 mi NW Kitale (HZM, SMF); Elmenteita (HZM); Kirui, Elgon (Allen and Lawrence, 1936:51, BMNH); Cherangani Hills (BMNH); Machakos (BMNH); Kitale (HZM); Elgonyi (Allen and Lawrence, 1936:51, CM); Kinangop (NMK); Koru (REMC); Mt. Mbololo, Voi (NMK); Narok (NMK); Diani (NMK); Diani Beach (SMF); Ribe (NMW); 10 km S Diani Beach (SMF); Kiminini Caves, Mt. Elgon (Simpson et al., 1968:439); Lion Hill, Lake Nakuru (SMF); Kapsakwany, Mt. Elgon (SMF); Ithundu, Chyulu Hills (SMF).

## Family Hipposideridae

### Genus *Hipposideros* Gray, 1831

#### *Hipposideros caffer caffer* (Sundevall, 1846)

*Hipposideros caffer* Sundevall, 1846. Ofversigt af Kongl. Svenska Ver.-Akad. Forhandl., Stockholm, 3(4):118. Near Port Natal [=Durban], South Africa.

*Records*.—Kiambu (Kulzer, 1959:23, HZM, SMF); Voi, Tsavo Park (NMK, HZM, AMNH); Londiani (HZM); Molo (HZM); Cherangani Hills (Ruxton, 1926:28); Archer's Post (Hollister, 1918:85); Juja Farm (Hollister, 1918:85); Kijabe (Hollister, 1918:85);

Nairobi (Hollister, 1918:85); Nairobi River (Hollister, 1918:85); Northern Guaso Nyiro (Hollister, 1918:85); Southern Guaso Nyiro (Hollister, 1918:85); Machakos (Andersen, 1906b:276, Granvik, 1924:12, BMNH); Kirui, Mt. Elgon (BMNH); Eldoret (HZN); Taveta (BMNH); Kitui (BMNH); Garbat Ullah, N.F.D. (BMNH); Elgonyi, Mt. Elgon (BMNH); Lion Hill, Lake Nakuru (SMF); Kakamega (HZN, NMK); Kilifi (HZN); Tak-aungu (Andersen, 1906b:277, BMNH); Fort Hall (Andersen, 1906b:276, BMNH); Ngombeni, 11 km S Mombasa (Kulzer, 1959:24, SMF); Langata Forest, Nairobi (HZN); Shimoni (Falcoz, 1923:536, 548, Kulzer, 1959:23, J. Pye, 1972:324, NMK, SMF); Sobukia (HZN); Mt. Elgon Caves (NMK); Ngong (HZN, NMK); Nakuru (NMK); Mau Summit (NMK); Kabete (NMK); Karen, Nairobi (NMK, Vercammen-Grandjean, 1964: 318, Vercammen-Grandjean and Minter, 1964:488); North Cherangani Hills (CM); Karibiti (CM); Yatta Escarpment (HZN); Makindu (NMK); Koru, West Kenya (HZN, NMK); Nandi Hills (NMK); Nakuru (NMK); Ngulia Lodge, Tsavo National Park (HZN); Mt. Elgon (Granvik, 1924:12, NMK); Frere Town (Loveridge, 1923:693); Tsavo (Allen and Lawrence, 1936:52); El Dongo eb Urru, 415 mi up Mombasa-Uganda Railway (Andersen, 1906b:276); Masalani, 20.1 km NE Kibwezi (O'Shea and Vaughan, 1981: 489); Langata (Vercammen-Grandjean, 1964:318, Vercammen-Grandjean and Minter, 1964:488, Theodor, 1968:344); Kakamega Forest (Zimmerman, 1972:270); Kericho (Theodor, 1957:513); Koru (Theodor, 1968:344).

*Remarks.*—Harrison (1961:290) mentioned the taxonomic confusion existing between *H. caffer* and *H. ruber* in Kenya. This situation requires detailed review from throughout the geographic range of the two species (Hayman and Hill, 1971:28–29, Koopman, 1975:391–393). We have attempted to separate the two species based on museum specimens and literature records but this is only a provisional arrangement. Geographic variation within *H. caffer* needs additional study in East Africa.

### ***Hipposideros ruber centralis* K. Andersen, 1906**

*Hipposideros caffer centralis* K. Andersen, 1906. Ann. Mag. Nat. Hist., (7)17:275. Entebbe, Uganda.

*Records.*—Karibiti (CM); Lirandha Hill, Kakamega (HZN); Kilifi (HZN); Nairobi (Hollister, 1918:85); Kirui (Allen and Lawrence, 1936:53); Elgonyi (Allen and Lawrence, 1936:53); Mt. Elgon (Lawrence, 1964:3); 10 km S Diani Beach (SMF).

### ***Hipposideros megalotis* (Heuglin, 1861)**

*Phyllorhina megalotis* Heuglin, 1861. Nova Acta Acad. Caes. Leop.-Carol., Halle, 29(8): 4. Bogos Land, Eritrea, Ethiopia.

*Records.*—Nakuru (Hayman, 1954:285, Williams, 1967:176, Kock et al., 1975:30, BMNH, HZN, NMK, SMF); Kinangop (Hayman, 1954:285, Williams, 1967:176, NMK); Lake Elementaita (HZN); Mt. Suswa (NMK, Kock et al., 1975:30); Njoro (Kock et al., 1975:30); Lake Baringo (Kock et al., 1975:30); 10 km W Nakuru (Kock et al., 1975:30); Exodus Cave, Mt. Suswa (SMF); Naivasha (Williams, 1967:176); Elmentaita (Williams, 1967:176).

### ***Hipposideros cyclops* (Temminck, 1853)**

*Phyllorhina cyclops* Temminck, 1853. Esquisses Zool. sur la côte de Guine, p. 75. Boutry River, Ghana.

*Records.*—Yala River (Hayman, 1935:48, NMK); Kaimosi (NMK).

### ***Hipposideros commersoni marungensis* (Noack, 1887)**

*Phyllorhina commersonii marungensis* Noack, 1887. Zool. Jb., 2:272. Qua Mpala in Marungu, West Shore of Lake Tanganyika, Zaire.

*Hipposideros commersoni mostellum* Thomas, 1904. Ann. Mag. Nat. Hist., (7)13:385. Tana River, Kenya.

*Records.*—Malindi (Dobson, 1880:179; Peters, 1880:831; Matschie, 1895:20, NMK); Tana River (Thomas, 1904b:386; Andersen, 1906a:41); Makueni, southeast of Machakos (NMK); Ngombeni, 11 km S Mombasa (NMK); Shimoni (Williams, 1966:30; Theodor, 1968:321, 344, 370; J. Pye, 1972:324; A. Pye, 1973:84, CM, HZM, NMK); Rabai (NMK); Ribe (NMK); Ngomeni, northeast of Mwingi (NMK); nr. Tiwi (Whitaker and Mumford, 1978:634); Bushwhacker's Safari Camp, 10½ km N, 17 km E Kibwezi (Vaughan, 1977:238); Masalani, 20.1 km NE Kibwezi (O'Shea and Vaughan, 1981:489); Galana River, Tsavo National Park (Williams, 1967:78).

*Remarks.*—Based upon ecological and behavioral differences (Agundey, unpublished data) and a study of constant frequency echolocation signals (J. Pye, 1972), there seem to be two subspecies of *H. commersoni* occurring together in southeastern Kenya. We have tentatively referred the larger of these to *H. c. gigas*. Final resolution of the situation requires additional study.

### ***Hipposideros commersoni gigas* (Wagner, 1845)**

*Rhinolophus gigas* Wagner, 1845. Arch. f. Naturgesch., 11 (1):148. Benguela, Angola.

*Records.*—Shimoni (J. Pye, 1972:324; A. Pye, 1973:84, NMK, NMW, SMF); Rabai (NMK, NMW).

### **Genus *Cleotis* Thomas, 1901**

#### ***Cleotis percivali percivali* Thomas, 1901**

*Cleotis percivali* Thomas, 1901. Ann. Mag. Nat. Hist., (7)8:28. Takaungu, North of Mombasa, Kenya.

*Records.*—Takaungu (Thomas, 1901c:30); Kenya Coast (Kingdon, 1974:259).

### **Genus *Triaenops* Dobson, 1871**

#### ***Triaenops persicus afer* Peters, 1877**

*Triaenops afer* Peters, 1877. Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 913 (for 1876). Mombasa, Kenya.

*Records.*—Mombasa (Peters, 1877:913); Ngombeni Caves, 11 km S Mombasa (Kulzer, 1959:25; Dulic and Mutere, 1977:232; Kock and Felton, 1980:3, NMK, SMF); Shimoni (BMNH, NMK, J. Pye, 1972:324; A. Pye, 1973:84); Gede (NMK); Soko Forest (CM); nr. Tiwi (Whitaker and Mumford, 1978:634); Kilaguni Lodge, Tsavo National Park (Williams, 1967:78; J. Pye, 1972:324; Kingdon, 1974:261); Masalani, 20.1 km NE Kibwezi (O'Shea and Vaughan, 1981:489); Kimakia Cave, North Chyulu Hills (Simons, 1974:250); Lake Baringo (Kingdon, 1974:261); Ferguson's Gulf (Kock and Felton, 1980:3, NMK); Waa Beach, nr. Likoni (Kock and Felton, 1980:3); Ithundu Caves, Chyulu Hills (Kock and Felton, 1980:3); Maddo Erelle (Thomas, 1896:105).

*Remarks.*—The locality recorded as Similani Cave, about 40 km S Mombasa, by Dulic and Mutere (1977:232) is the same as Ngombeni Caves. Similani Cave is a local name for the coastal cave but Ngombeni is used for the larger area.

Family Vespertilionidae  
Subfamily Vespertilioninae  
Genus *Myotis* Kaup, 1829

***Myotis bocagei hildegardeae* Thomas, 1904**

*Myotis hildegardeae* Thomas, 1904. Ann. Mag. Nat. Hist., (7)13:209. Fort Hall, Kenya.

*Records.*—Fort Hall (Thomas, 1904:209); Yala River (Hollister, 1918:89, NMK); Nyama Nyango, Eusso Nyiro (BMNH); Archer's Post (De Beaux, 1923:97); Ol Donyo Sabuk (NMK); Hoey's Bridge (CM); North Cherangani Hills (CM); nr. Tiwi (Whitaker and Mumford, 1978:634); Karen (SMF); Ruiru dam (NMK); Ruaraka (SMF).

***Myotis tricolor* (Temminck, 1832)**

*Vespertilio tricolor* Temminck, 1832. In Smuts Enum. Mamm. Capensium, p. 106. Cape Town, Cape of Good Hope, South Africa.

*Records.*—Nakuru (HZM); 25 mi NW Kitale (HZM); Mt. Elgon (Rode, 1935:169, Williams, 1967:177); Tarasha River, Gilgil (NMK); Ol Donyo Sabuk (NMK); Kampi ya Samaki (ROM); Mt. Elgon Caves (NMK, NMW); Masalani, 20.1 km NE Kibwezi (O'Shea and Vaughan, 1981:489); Mt. Suswa (SMF); Mt. Menengai (Theodor, 1957:471, 513, FMNH, SMF, USNM).

*Remarks.*—Rode (1935:169) reported a specimen from Mt. Elgon as *Myotis emarginatus* but Harrison (1961:292) re-identified it as *M. tricolor*.

***Myotis welwitschii* (Gray, 1866)**

*Scotophilus welwitschii* Gray, 1866. Proc. Zool. Soc. London, 1866:211. Angola.

*Records.*—Endebess (Harrison and Fleetwood, 1958:111); Hoey's Bridge (ROM); Kakamega Forest (ROM); Trans Nzoia Dist. (NMK).

Genus *Pipistrellus* Kaup, 1829  
***Pipistrellus deserti* Thomas, 1902**

*Pipistrellus deserti* Thomas, 1902. Proc. Zool. Soc. London, 1902, 2:4. Murzuk, Libya.

*Records.*—Bulessa (De Beaux, 1923:97).

*Remarks.*—Koopman (1975:401) identified the Meru River record of Allen (1911:325) as *Pipistrellus nanus helios* and indicated that the records reported by Dollman (1914b:308) from Kenya and Uganda are *Eptesicus somalicus*. The Bulessa record requires a re-examination.

***Pipistrellus nanus helios* Heller, 1912**

*Pipistrellus helios* Heller, 1912. Smithsonian Misc. Coll., 60(12):3. Merelle Water, 30 mi S Mt. Marsabit, Kenya.

*Records.*—Ndi (Peters, 1878:198, Dobson, 1880:187); Kitui (Peters, 1878:198, Dobson, 1880:187); Merelle Water, 30 mi S Mt. Marsabit (Heller, 1912:3, Hollister, 1918:90); Yala River (Hollister, 1918:89, NMK, USNM); Archer's Post (Hollister, 1918:90, De Beaux, 1923:97, HZM); Lakiundu River (Hollister, 1918:90, USNM); Northern Guaso Nyiro (Hollister, 1918:90, NMK); Fort Hall (BMNH, HZM); Kitale (HZM, NMK); Cherangani Hills (Ruxton, 1926:28); Mumias, Elgon (BMNH); Kamuuani (HZM); Kakamega (BMNH, CM, HZM); Nidji Hills, Voi (BMNH); Voi (HZM); Mazeras (BMNH); Muumandu Area, Machakos Dist. (HZM); Eusso Nyiro (BMNH, NMK); Kaimosi (Allen and Lawrence, 1936:53, CM); Mt. Mbololo (Allen and Lawrence, 1936:53, CM); Golbanti (Allen and Lawrence, 1936:53); Marsabit Lake (NMK); Mbooni, Machakos Dist. (NMK); Londiani (NMK); Maranda School, Nyanza (NMK); Ol Donyo Sabuk (NMK); Muhoroni (NMK); Ol Kalou (NMK); Bulessa (De Beaux, 1923:97); Ndoto (BMNH); Chanler's Falls (BMNH); Lodermor Water (BMNH); Laisamis, Marsabit Road (BMNH); Nyama Nyango, Eusso Nyiro (BMNH); Lorian (BMNH); Meru River (Allen, 1911:325); Bushwhacker's Safari Camp, 10½ km N, 17 km E Kibwezi (Vaughan, 1976:240, 241, O'Shea, 1980:172); Masalani, 20.1 km NE Kibwezi (O'Shea and Vaughan, 1981:489); Moshi-Voi (Demeter and Topal, 1982:46); Lake Jipe (Demeter and Topal, 1982:46); Muhoroni (Keegan, 1956); Ferguson's Gulf (Howell, 1974:14); Kalakol, Lake Turkana (Howell, 1974:14).

### ***Pipistrellus nanulus* Thomas, 1904**

*Pipistrellus nanulus* Thomas, 1904. Ann. Mag. Nat. Hist., (7)14:198. Efulen, Cameroon.

*Records.*—8 mi SE Kakamega (USNM).

### ***Pipistrellus kuhlii fuscatus* Thomas, 1901**

*Pipistrellus kuhlii fuscatus* Thomas, 1901. Ann. Mag. Nat. Hist., (7)8:34. Naivasha, Kenya.

*Records.*—Naivasha (Thomas, 1901c:34, Copley, 1950:19); Eldoret (HZM); Songhor, nr. Kisumu (HZM); Molo (HZM, USNM); Kabalolot Hill (Hollister, 1918:90); Sotik (Hollister, 1918:90); Nairobi (Hollister, 1918:90, Copley, 1950:19, USNM); Ngong (HZM, USNM); South Kiniangop (HZM); Engare Narok River (Hollister, 1918:90, USNM); Lake Naivasha (Hollister, 1918:90, USNM); Kitale (USNM); Kapsowat, Marakwet (HZM); Kilifi (USNM); Athi River, nr. Nairobi (FMNH); Lake Amboseli, nr. Namanga (AMNH); Makalia Falls, Lake Nakuru National Park (Schwann and Hikes, 1979:21); Eastern part Mt. Elgon National Park (SMF); Baharini Farm, Lake Nakuru (SMF); Nakuru (Copley, 1950:19).

### ***Pipistrellus aero* Heller, 1912**

*Pipistrellus aero* Heller, 1912. Smithsonian Misc. Coll., 60(12):3. Mt. Garguez, Mathews Range, Kenya.

*Records.*—Mt. Garguez, Mathews Range (Heller, 1912:3); Marsabit Lake (BMNH); Ngong (NMK).

### ***Pipistrellus rusticus marrensis* Thomas and Hinton, 1923**

*Pipistrellus marrensis* Thomas and Hinton, 1923. Proc. Zool. Soc. London, p. 249. Foothills of southern Jebel Marra, Dafur, Sudan, 4000 ft.

*Records.*—Kongelai, Suam River, West Pokot (Hill, 1976:629).

### ***Pipistrellus rueppelli fuscipes* Thomas, 1913**

*Pipistrellus fuscipes* Thomas, 1913. Ann. Mag. Nat. Hist., (8)11:315. 60 mi W Entebbe, Uganda.

*Records.*—Naivasha (NMK).

**Genus *Eptesicus* Rafinesque, 1820**  
***Eptesicus tenuipinnis tenuipinnis* (Peters, 1872)**

*Vesperus tenuipinnis* Peters, 1872. Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 263.  
 Guinea.

*Records.*—Kisumu (HZM); Maji Moto, Baringo (USNM); Maragat, Baringo (USNM);  
 West Lake Naivasha (USNM); Lake Baringo (Kock, 1981b:332, NMK).

***Eptesicus rendalli phasma* Allen, 1911**

*Eptesicus phasma* Allen, 1911. Bull. Mus. Comp. Zool., 54:327. Meru River, Northern  
 Guaso Nyiro, Kenya.

*Records.*—Nyama Nyango, Eusso Nyiro (BMNH); Archer's Post (Hollister, 1918:92,  
 USNM); Meru River (Allen, 1911:327, Koopman, 1965:14, AMNH); Lakiundu River,  
 Northern Guaso Nyiro (Hollister, 1918:92, USNM); Tana River (True, 1893:602, Hollister,  
 1918:92, USNM); Aruba Dam, Tsavo East (Kock, 1981b:333, SMF); Ribe (NMW);  
 nr. Tiwi (Whitaker and Mumford, 1978:634); Chanler's Falls (BMNH); Kilaguni Lodge,  
 Tsavo West National Park (A. Pye, 1973:84).

***Eptesicus somalicus* (Thomas, 1901)**

*Vespertilio minutus somalicus* Thomas, 1901. Ann. Mag. Nat. Hist., (7)8:32. Hargeisa,  
 Somalia.

*Records.*—Archer's Post (Hollister, 1918:92, USNM); Marsabit Road (Hollister, 1918:  
 92, USNM); Guaso Nyiro (Allen, 1911:327, NMK); Parklands, Nairboi (NMK); Ushingo  
 (NMK); Kongelai (USNM); Kitale (HZM, USNM); Maji Moto, Baringo (USNM); Ko-  
 zibiri River (Dollman, 1914b:308); Wei-Wei River (Dollman, 1914b:308); 50 mi S  
 Moctow (Koopman, 1975:405); Masalani, 20.1 km NE Kibwezi (O'Shea and Vaughan,  
 1981:489).

*Remarks.*—This species and *E. capensis* are in need of taxonomic review. Voucher specimens for literature records, especially the older ones, should be re-examined.

***Eptesicus loveni* Granvik, 1924**

*Epetiscus (sic) loveni* Granvik, 1924. Acta Univ. Lund, (2)21(3):12. Eastern Slopes of  
 Mt. Elgon, 8000 ft, Kenya.

*Records.*—Eastern slopes, Mt. Elgon (Granvik, 1924:12).

*Remarks.*—The distinguishing characters of pointed ear and tragus for this species seem strange for an *Eptesicus*. The holotype of this species should be re-examined.

***Eptesicus capensis* (A. Smith, 1829)**

*Vespertilio capensis* A. Smith, 1829. Zool. J., 4:435. "Cape," restricted to Grahamstown,  
 Cape Province, South Africa, by Roberts, 1951:89.

*Records.*—Southern Guaso Nyiro (Hollister, 1918:92, 93); Mara River, nr. Tanzanian  
 border (USNM); Karen, Nairobi (USNM); Barbeton's farm, Kitale (USNM); Maji Moto,  
 Baringo (USNM); Jacaranda Station, nr. Ruiru, north of Nairobi (Kock, 1981b:332,

SMF); Buffalo Springs (Kock, 1981b:332, SMF); Lukenya Mt. (FMNH); Cherangani Hills (HZM); Saboti, south of Mt. Elgon (ROM); Kabolet River, Cherangani Hills (ROM); Kakamega Forest (Zimmerman, 1972:270).

**Genus *Laephotis* Thomas, 1901**  
***Laephotis wintoni* Thomas, 1901**

*Laephotis wintoni* Thomas, 1901. Ann. Mag. Nat. Hist., (7)7:460. Kitui, Kenya.

*Records.*—Kitui (Thomas, 1901b:462); Namanga (Peterson, 1971a:885); Nyeri (HZM); Nanyuki, 23 mi W Mount Kenya (Peterson, 1973:601).

**Genus *Mimetillus* Thomas, 1904**  
***Mimetillus moloneyi* (Thomas, 1891)**

*Vesperugo (Vesperus) moloneyi* Thomas, 1891. Ann. Mag. Nat. Hist., (6)7:528. Lagos, Nigeria.

*Records.*—Cherangani (LACM); Selengai (NMK); Kakamega Forest (HZM); Ngomeni, Kitui (NMK); Kapsarok, Kericho (NMK); Kipsain River, Northeast Cherangani Hills (HZM); Wei-Wei River, Sigor, West Pokot (Start, 1969:223).

**Genus *Chalinolobus* Peters, 1867**

*Remarks.*—Ryan (1966) considered the taxonomic relationships of the African *Glauconycteris* Dobson, 1875, and Australasian *Chalinolobus* Peters, 1867. Koopman (1971) placed *Glauconycteris* as a subgenus of *Chalinolobus*. We follow that generic arrangement here. Peterson (1982) tentatively retained *Glauconycteris* as a distinct genus.

***Chalinolobus (Glauconycteris) variegatus papilio* (Thomas, 1905)**

*Glauconycteris papilio* Thomas, 1905. Ann. Mag. Nat. Hist., (7)15:77. Entebbe, Uganda.

*Records.*—Garissa (HZM); Kakamega Forest (HZM).

***Chalinolobus (Glauconycteris) argentatus* Dobson, 1875**

*Chalinolobus argentatus* Dobson, 1875. Proc. Zool. Soc. London, 1875:385. Cameroon Mountain, Cameroon.

*Records.*—Kiambu (HZM); Nandi Forest (BMNH); Nairobi (NMK); Karen (HZM, SMF); Kikuyu (Allen and Lawrence, 1936:53, CM, NMK, USNM); 20 mi SW Kitale (USNM).

***Chalinolobus (Glauconycteris) kenyacolus* (Peterson, 1982)**

*Glauconycteris kenyacola* Peterson, 1982. Canadian J. Zool., 60(10):2521. Galole Road, 8.5 km N Garsen, Kenya (2°12'S, 40°05'E).

*Records.*—8.5 km N Garsen (Peterson, 1982:2521).

***Chalinolobus (Glauconycteris) humeralis* (J. A. Allen, 1917)**

*Glauconycteris humeralis* J. A. Allen, Bull. Amer. Mus. Nat. Hist., 37:448. Medje, Zaire.

*Records.*—No specific locality (Peterson and Smith, 1973:7).

**Genus *Nycticeius* Rafinesque, 1819**  
***Nycticeius schlieffenii* Peters, 1859**

*Nycticeius schlieffenii* Peters, 1859. Monatsber. K. Preuss. Akad. Wiss. Berlin, p. 223.  
 Cairo, Egypt.

*Nycticeius africanus* G.M. Allen, 1911. Bull. Mus. Comp. Zool., 54:328. Meru River,  
 Kenya.

*Records*.—Meru River (Allen, 1911:328); Archer's Post (De Beaux, 1923:100, Hollister, 1918:93); Kara River, Marsabit Road (Hollister, 1918:93); Lakiundu River (USNM, Hollister, 1918:93); Mount Lololokwi (Hollister, 1918:93); Quoy, Marsabit Road (Hollister, 1918:93); Lorian (BMNH); Lodwar (St. Leger, 1937:525); 30 mi NW Baringo (Dollman, 1914:309, BMNH); Mara River (BMNH); Nyama Nyango, Eusso Nyiro (BMNH); Chanler's Falls (BMNH, NMK); Maji Moto, Baringo (USNM); Kozibiri River (Dollman, 1914b:309); Wei-Wei River (Dollman, 1914b:309); Turkwel River (Dollman, 1914b:309); Mombasa (Anderson and de Winton, 1902:88); Masalani, 20.1 km NE Kibwezi (O'Shea and Vaughan, 1981:489); Ferguson's Gulf (Howell, 1974:14); Mt. Kenya (Copley, 1950:21).

**Genus *Scotoecus* Thomas, 1901**  
***Scotoecus albofuscus woodi* Thomas, 1917**

*Scotoecus woodi* Thomas, 1917. Ann. Mag. Nat. Hist., (8)19:280. Chiromo, 200 ft,  
 Malawi.

*Records*.—nr. Tiwi (Whitaker and Mumford, 1978:634).

***Scotoecus hindei hindei* Thomas, 1901**

*Scotoecus hindei* Thomas, 1901. Ann. Mag. Nat. Hist., (7)7:264. Kitui, Kenya, 3500 ft.  
*Scotoecus artinii* De Beaux, 1923. Atti Soc. Ital. Sci. Nat. Milano, 62:98. Archer's Post,  
 Northern Guaso Nyiro, Kenya.

*Records*.—Kitui (Thomas, 1901a:265); Archer's Post (Hollister, 1918:94, De Beaux, 1923:98); Lakiundu River (Hollister, 1918:94); Northern Guaso Nyiro (Hollister, 1918:94); Guaso Nyiro (Allen, 1911:330); Lorian (Hill, 1974:182, BMNH, NMK); Kapsania, Sigor (SMF); Kisiaunet, West Pokot (NMK); Othaya, Nyeri Dist. (SMF); Mara River (NMK); Kimana, nr. Loitokitok (NMK); Governor's Camp, Mara River (SMF); Buffalo Springs, Isiolo Game Reserve (SMF); nr. Mtito Andei (AMNH); Wei-Wei River, Sigor, 3000 ft (Dollman, 1914b:309, Hill, 1974:181); Nyangala Hill (Nagorsen et al., 1976:9); nr. Kibwezi (Vaughan and Bateman, 1980:70); Masalani, 20.1 km NE Kibwezi (O'Shea and Vaughan, 1981:489).

*Remarks*.—We follow the taxonomic arrangement of Hill (1974) for the species in East Africa.

***Scotoecus hindei albogula* Thomas, 1909**

*Scotoecus albogula* Thomas, 1909. Ann. Mag. Nat. Hist., (8)4:544. Kirui, 6000 ft, Mt. Elgon, Kenya.

*Records*.—Kirui, Mt. Elgon (Thomas, 1909b:544); Cherangani Hills, 6000 ft (Hill, 1974:182).

**Genus *Scotophilus* Leach, 1821**  
***Scotophilus dinganii colias* Thomas, 1904**

*Scotophilus nigrita colias* Thomas, 1904. Ann. Mag. Nat. Hist., (7)13:207. Fort Hall, Kenya.

*Records.*—Archer's Post (Hollister, 1918:94); Amboseli Reserve (MSU); 30 mi NW Baringo (Dollman, 1914b:308, BMNH); Bura (LACM); below Chanler's Falls (BMNH); Cherangani Mts. (LACM); Eusso Nyiro (LACM, BMNH); 30 mi E Falls, Eusso Nyiro (NMK); Fort Hall (Thomas, 1904a:208, BMNH, ROM, Zimmerman, 1972:270); 8.5 km N Garsen (ROM); Gilgil River (BMNH); Isiolo (LACM, USNM); Kabete, 7 km N Nairobi (Kulzer, 1959:25, Kock, 1969:193, FMNH, SMF); Kakamega Forest (ROM, Zimmerman, 1972:270); Kakamega, Rondo Forest (ROM); Karen (BMNH, USNM); Karibiti (CM); Kiambu (LACM, USNM, NMK); 4 mi NW Kiambu (ROM); Kiboko (USNM); Kibwezi (USNM); Kilifi (BMNH, HZM, Harrison and Brownlow, 1978:127); Kikuyu (Spinage, 1959:139); Kitale (USNM); Kongelai (ROM); Konza (RMNH); Kwale (RMNH, ZMA); Langata Forest (LACM); Lakiundu River (Hollister, 1918:94); Lake Baringo (ROM); Lake Jippe (MSU); Loli Hills (CM); Lamu (HZM, Harrison and Brownlow, 1978:127); Maji Moto (USNM); Machakos (LACM); Makindu (ROM); Mara River (ROM); Malindi (BMNH); Markwijit (ROM); Maungu (ROM); Merelle River, Marsabit Road (Hollister, 1918:94); Mbero Rock (LACM); Milimani (LACM); Molo (LACM); 4 mi E Molo (USNM); Mombasa (HZM); Mtito Andei (ROM); Muthara (LACM); Mu-umandu (LACM); Nairobi (Hollister, 1918:94, Kock, 1969:193, FMNH, LACM, NMK, ROM, SMF, USNM); 10 mi N Naivasha (USNM); Nanyuki (CM); Ngong (LACM, NMK, ROM, USNM); Nyangala Hills (ROM); Ortum (ROM); Rift Valley (BMNH); Ruiru, Nairobi (HZM, Harrison and Brownlow, 1978:127); Saiwa River (ROM); Sarmai (ROM); Shimba Hills (ROM); Sigor (ROM); Sokoke Forest (LACM, NMK, ZMA); Swam River (ROM); nr. Tiwi (Whitaker and Mumford, 1978:634); Tiwi Beach (ZMA); Turkwel River (ROM); 30 km E Voi (ROM); Wei-Wei River (BMNH); Masalani, 20.1 km NE Kibwezi (O'Shea and Vaughan, 1981:489).

### *Scotophilus nux* Thomas, 1904

*Scotophilus nigrita nux* Thomas, 1904. Ann. Mag. Nat. Hist., (7)13:208. Efulen, Cameroons.

*Records.*—8 mi SE Kakamega (USNM).

*Remarks.*—Robbins (personal communication) refers the dark, forest-dwelling *S. nux* to the status of full species. In Kenya both *S. nux* and *S. dinganii colias* occur together in the vicinity of Kakamega.

### *Scotophilus leucogaster* Cretzschmar, 1826

*Nycticejus leucogaster* Cretzschmar, 1830. In Senck. Naturf. Ges.: Atlas Reise nordl. Afrika E. Rueppell, Säugethiere, p. 71, pl. 28a. Bir Nedger, Kordofan, Sudan.

*Records.*—Turkwel River, Lodwar (CM); 30 mi E (in Kenya) Tororo (ROM); Governor's Camp, Mara River (SMF).

### *Scotophilus nigrita* (Schreber, 1774)

*Vespertilio nigrita* Schreber, 1774. Säugethiere, 1:171, pl. 58. Senegal.

*Records.*—Shimba Hills (RMNH).

### *Scotophilus borbonicus viridis* (Peters, 1852)

*Nycticejus viridis* Peters, 1852. Reise nach Mossambique, Säugethiere, p. 67, pl. 17, f. 2, a-e. Mozambique Island, Mozambique.

*Records.*—Mombasa (Peters, 1877:914); nr. Tiwi, 25 km SSE Mombasa (Whitaker and Mumford, 1978:632); Sokoke Forest (Whitaker and Mumford, 1978:632, LACM,

RMNH, ZMA); Bura, Tana River (LACM); Malindi (NMK); Ribe (NMW); Diani Forest (RMNH, ZMA); Kwale (RMNH, ZMA); Watamu (RMNH); Milmiani, Boni Forest (LACM); Nakuru (USNM); Shimba Hills, Mukanda River (ROM); 5 mi E Kompini (ROM).

*Remarks.*—Hill (1980) has shown that *S. viridis* (Peters, 1852) of southern Africa is a synonym of the earlier named *S. borbonicus* (E. Geoffroy, 1803) of Reunion Island. We have tentatively assigned these records of small *Scotophilus* from eastern and southeastern Kenya to this species.

#### Subfamily Kerivoulinae

##### Genus *Kerivoula* Gray, 1842

##### *Kerivoula lanosa harrisoni* Thomas, 1900

*Kerivoula harrisoni* Thomas, 1900. Proc. Zool. Soc. London, 1900:802. Walamo, between lakes Zwai and Margherita, Ethiopia.

*Records.*—Kinangop, east of Naivasha (HZM); Marsabit (HZM); Nyeri (BMNH); Nginyang, nr. Lake Baringo (HZM); Taveta (BMNH, Aellen, 1960:223); Ngong (NMK); Koru (NMK); Kaibibich Forest, Cherangani (Taylor, 1971:74).

##### *Kerivoula argentata* Tomes, 1861

*Kerivoula argentata* Thomes, 1861. Proc. Zool. Soc. London, p. 32. Otjoro, Namibia.

*Records.*—Kibwezi (AMNH).

##### *Kerivoula smithii* Thomas, 1880

*Kerivoula smithii* Thomas, 1880. Ann. Mag. Nat. Hist., (5)6:166, text-f. Old Calabar, Nigeria.

*Records.*—Bura, Garissa (Harrison, 1963:307, NMK).

##### *Kerivoula cuprosa* Thomas, 1912

*Kerivoula cuprosa* Thomas, 1912. Ann. Mag. Nat. Hist., (8)10:41. Bitye, Ja River, Cameroon.

*Records.*—Fort Warwick (Harrison, 1957a:47, HZM).

#### Subfamily Miniopterinae

##### Genus *Miniopterus* Bonaparte, 1837

##### *Miniopterus fraterculus* Thomas and Schwann, 1906

*Miniopterus fraterculus* Thomas and Schwann, 1906. Proc. Zool. Soc. London, 1:162. Knysna, South Africa.

*Records.*—Masalani, 20.1 km NE Kibwezi (O'Shea and Vaughan, 1981:489).

##### *Miniopterus natalensis* (A. Smith, 1834)

*Vespertilio natalensis* A. Smith, 1834. South African Quart. J., 2:59. Natal.

*Records.*—Masalani, 20.1 km NE Kibwezi (O'Shea and Vaughan, 1981:489).

*Remarks.*—The taxonomic arrangements of *Miniopterus* in Kenya follows O'Shea and Vaughan, 1981.

### *Miniopterus minor* Peters, 1867

*Miniopterus minor* Peters, 1867. Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 885 (for 1866). Coast of Zanzibar, Tanzania.

*Records.*—Shimoni (Falcoz, 1923:548, NMK, NMW, SMF); Moto Cave, Diani Coast (NMK); Ngombeni, 8 km S Mombasa (NMK); Well south of Mombasa (USNM); Ribe (NMW); nr. Tiwi (Whitaker and Mumford, 1978:634).

### *Miniopterus inflatus africanus* Sanborn, 1936

*Miniopterus africanus* Sanborn, 1936. Zool. Ser., Field Mus. Nat. Hist., 20:111. Sanford's Ranch, Mulo Shoa Dist., northwest of Addis Ababa, Ethiopia.

*Records.*—Ulukenia Hills (Sanborn, 1936:112); Baharini Farm, Lake Nakuru (Kock, 1974b:162); Lirandha Hill, Kakamega (HZM); Kariandus (NMK); Elmenteita (HZM); Busia (AMNH); Koru (USNM, Theodor, 1968:344, 347); Barberton's farm, Kitale (USNM); Mathioni Cave, Chyulu Hills (SMF); Mt. Suswa (HZM, USNM); 8 mi SE Kakamega (USNM); Baharini Farm, Lake Nakuru (SMF); Nakuru (HZM, USNM); Kapsakwany, Mt. Elgon (SMF); Masalani, 20.1 km NE Kibwezi (O'Shea and Vaughan, 1981:489).

### *Miniopterus schreibersi arenarius* Heller, 1912

*Miniopterus natalensis arenarius* Heller, 1912. Smithsonian Misc. Coll., 60(12):2. Guaso Nyuki, Northern Guaso Nyiro, Kenya.

*Records.*—Guaso Nyuki (Heller, 1912:2); Lake Naivasha (Hollister, 1918:95); Cave of God, nr. Lake Naivasha (NMK); Ngare Nyuki (Hollister, 1918:95); Ulukenia Hills (Hollister, 1918:95); Kapretwa, 6500 ft, Mt. Elgon (Jobling, 1939:163, Hopkins and Rothschild, 1956:319, 352, Theodor, 1957:466, Maa, 1965:323, Theodor, 1968:362); Endebess (HZM, NMK); 25 mi NW Kitale (HZM, SMF); Elmenteita (HZM); Daraja ya Mungu, Nyamindi River, 10 mi W Embu (HZM); Devil's Cave, Kitale (HZM); Kirui, Mt. Elgon (BMNH); Mt. Menengai (Theodor, 1957:471, 513, Maa, 1965:323, FMNH, SMF); Ngong (NMK, Arthur, 1956:189); Nairobi (NMK); Kericho (NMK); Elgon Caves (NMK); Mt. Suswa (NMK); Chyulu Hills (NMK); Saboti (NMK); Kakamega (USNM); nr. Kiboko (Whitaker and Mumford, 1978:634); Masalani, 20.1 km NE Kibwezi (O'Shea and Vaughan, 1981:489); Mt. Elgon (Jackson, 1939:180, Theodor, 1957:465, 513); Mountain Lodge, southwest slopes Mt. Kenya (SMF); Kiminini Caves, Mt. Elgon (Simpson et al., 1968:439); Skull Cave, Chyulu Hills (SMF); Kimakia Cave, Chyulu Hills (SMF); Kapsakwany, Mt. Elgon (SMF); Kilaguni Lodge, Tsavo West National Park (A. Pye, 1973:84).

### Family Molossidae

#### Genus *Platymops* Thomas, 1906

#### *Platymops setiger* (Peters, 1878)

*Mormopterus setiger* Peters, 1878. Monatsb. K. Preuss. Akad. Wiss., Berlin, p. 196. Ndi, Kenya.

*Platymops barbatogularis parkeri* Harrison and Fleetwood, 1960. Durban Mus. Novit., 5(20):270. Lualeni Borehole, Maktau, Kenya.

*Records.*—Ndi (Peters, 1878:198; Dobson, 1880:195); Taita (Matschie, 1895:27); Lu-

aleni Borehole, Maktau (Harrison and Fleetwood, 1960:269, NMK); Nadapal, Turkana (NMK); Lokichoggio (NMK); Wanjalu Hill, nr. Voi (NMK); Karibiti (CM); Sultan Hamud (CM, SMF); Granite Hills, Simba Road (HZM); Kampi ya Samaki (AMNH); 2 mi NW Kibodo [=Kiboko] (Peterson, 1965:15, 19); Lake Baringo (Williams, 1967:178, Koopman, 1975:430); 10 mi N Kiboko (Freeman, 1981:10); 100 mi SE (on Mombasa Road) Nairobi (Peterson, 1965:15, 19); Wei-Wei River, 1 mi SE Sigor (Warner et al., 1974:175); Masalani, 20.1 km NE Kibwezi (O'Shea and Vaughan, 1981:489); Kiboko (SMF); Garibete Water Hole (SMF); Isiolo (HZM, Williams, 1967:178); Maktau (Williams, 1967:178); Simba River (Williams, 1967:178).

#### Genus *Tadarida* Rafinesque, 1814

##### *Tadarida (Tadarida) aegyptiaca aegyptiaca* (E. Geoffroy, 1818)

*Nyctinomus aegyptiacus* E. Geoffroy, 1818. Description de l'Egypte, 2:128. Egypt.

*Records.*—Mudanda Rock, Voi (Harrison, 1959:225, HZM, NMK); Juja Farm (Hollister, 1918:100); Sultan Hamud (Freeman, 1981:5, CM); Mathaitani Farm, South Mua Hills, Machakos Dist. (Nader and Kock, 1980:132); Nyangala Hill (Nagorsen et al., 1976:9); Endoposei River, nr. Kalema (Nagorsen et al., 1976:9); Maungu (CM); Sokoke Forest (CM); Granite Hills, Simba Road (HZM); Mbevo Hill, Machakos Dist. (HZM); Masalani, 20.1 km NE Kibwezi (O'Shea and Vaughan, 1981:489).

##### *Tadarida (Tadarida) lobata* (Thomas, 1891)

*Nyctinomus lobatus* Thomas, 1891. Ann. Mag. Nat. Hist., (6)7:303. Turquel, Suk, Kenya.

*Records.*—Turquel, Suk (Thomas, 1891a:303, 1891b:182); Kaibibich, Cherangani Hills (Peterson and Harrison, 1970:5; Harrison, 1971:4; Taylor, 1971:74; Freeman, 1981:6); Kapenguria (Peterson, 1974:1); Maungu Hill, ca. 30 km S Voi (Peterson, 1974:1; Freeman, 1981:6).

##### *Tadarida (Tadarida) fulminans* (Thomas, 1903)

*Nyctinomus fulminans* Thomas, 1903. Ann. Mag. Nat. Hist., (7)12:501. Fianarantsoa, eastern Betsileo, Madagascar.

*Records.*—Nairobi (Harrison, 1960b:74, 1971:4, HZM).

##### *Tadarida (Tadarida) ventralis* (Heuglin, 1861)

*Nyctinomus (Dysopes) ventralis* Heuglin, 1861. Nov. Acad. Caes. Leop.-Carol., 29(8):4, 11. Keren, Eritrea, Ethiopia.

*Nyctinomus africanus* Dobson, 1876. Ann. Mag. Nat. Hist., (4)17:348. Transvaal, South Africa.

*Records.*—Menengai, 20 mi W Nakuru (Start, 1966:509); Wei-Wei River, 2 mi S Sigor, West Pokot Dist. (Freeman, 1981:5).

*Remarks.*—Kock (1975) has shown that *T. africana* is a synonym of *T. ventralis*.

##### *Tadarida (Chaerephon) pumila hindei* (Thomas, 1904)

*Nyctinomus hindei* Thomas, 1904. Ann. Mag. Nat. Hist., (7)13:210. Fort Hall, Kenya.  
*Chaerephon pumilus naivashae* Hollister, 1916. Smithsonian Misc. Coll., 66(1):4. Naivasha Station, Kenya.

*Records.*—Kitui (Peters, 1878:196, Dobson, 1880:195); Fort Hall (Thomas, 1904b: 210, Braestrup, 1933:271); Naivasha Station (Hollister, 1916:4); Frere Town (Loveridge, 1922:48); Ruiru (NMK, HZM); Voi (NMK, HZM, AMNH, Kock, 1969:140); Thika (HZM); Ijara (Percy et al., 1953:12); Malindi (HZM); Mombasa (Allen, 1911:331, Loveridge, 1922:48, Braestrup, 1933:272, Demeter and Topal, 1982:47, HZM); Lamu (HZM); Limuru (HZM, SMF); Kiboko (Kulzer, 1959:28, 31, Kock, 1969:140); Machakos (HZM); Kilindini, nr. Mombasa (BMNH); Msambweni (HZM); Rongai (HZM); Witu (Allen and Lawrence, 1936:55); Tsavo (NMK); Ngong (NMK); Simba (NMK); Kiambu (NMK); Mara River (AMNH); Namanga (AMNH); Nyeri (HZM); Konza area, Machakos Dist. (HZM); Ndauni area, Machakos Dist. (HZM); Taru (NMK); Athi River (NMK, USNM); Nairobi (NMK, SMF); Langata (NMK); Kibwezi (AMNH); Galma Galla, Garissa (AMNH); Ukunda, Kwale Dist. (SMF); Shimoni (CM); Karibiti (CM); West slopes Mt. Kenya (Kock, 1969:140); Lake Naivasha (NMK, HZM); Gilgil (HZM); Buffalo Springs (SMF); Othaya, Nyeri Dist. (SMF); Taveta (Thomas, 1910:309, Braestrup, 1933:272); Elementaita (HZM, NMK); Baharini Farm, Lake Nakuru (SMF); Nakuru (Kock, 1969: 140, HZM); Eusso Nyiro (BMNH); Lake Baringo (NMK); Nyeri Station (NMK); Bura Irrigation Scheme (NMK); Njoro (Keegan, 1956, NMK); Musanda (Dulic and Mutere, 1973a:62); Naivasha (Freeman, 1981:7); 2 mi N Kilifi (Freeman, 1981:7); Kilima Nbogo, Ol Donyo Sabuk (SMF); Donyo Sabuk Mountains, 32 mi E Nairobi (Freeman, 1981:7); nr. Tiwi (Whitaker and Mumford, 1978:634); nr. Njoro, 18 km SW Nakuru (Whitaker and Mumford, 1978:632); Masalani, 20.1 km NE Kibwezi (O'Shea and Vaughan, 1981: 489); Pata Island (Voeltzkow, 1923); Kilindini Harbor, Mombasa (Allen and Loveridge, 1933:71).

*Remarks.*—Harrison (1961:291) listed this species from Mtoto Andei as recorded by Allen (1911). However, Allen (1911) only reported the species from Mombasa. The *Tadarida limbata-pumila* complex in East Africa requires additional study.

### *Tadarida (Chaerephon) ansorgei* (Thomas, 1913)

*Nyctinomus ansorgei* Thomas, 1913. Ann. Mag. Nat. Hist., (8)11:318. Malange, Angola.

*Records.*—Endoposei River, base of Nguruman Escarpment (Eger and Peterson, 1979: 1889); Uasu Nyiro River bridge, Nguruman Escarpment (Eger and Peterson, 1979:1889); Kapenguria (Eger and Peterson, 1979:1889); Lake Hannington (Eger and Peterson, 1979: 1889); Kanyangareng, Suam River (Eger and Peterson, 1979:1889); Mount Nasolet, 9.6 km S Turkwell Gorge (Eger and Peterson, 1979:1889); Maji ya Moto (Eger and Peterson, 1979:1889); Kampi ya Samaki (Eger and Peterson, 1979:1889); Mara River (Eger and Petersen, 1979:1889); Kisumu (Eger and Peterson, 1979:1889).

### *Tadarida (Chaerephon) bivittata* (Heuglin, 1861)

*Nyctinomus bivittatus* Heuglin, 1861. Nova Acta Acad. Caes. Leop.-Carol., Halle, 29(8): 4. Keren, Eritrea, Ethiopia.

*Records.*—Makueni (Hayman and Harrison, 1966:220, NMK); Mt. Elgon (Hayman and Harrison, 1966:220, NMK); Nairobi (Hayman and Harrison, 1966:220, NMK); Maji ya Moto (Eger and Peterson, 1979:1889, USNM); Kabete (NMK); Mombasa (FMNH, Eger and Peterson, 1979:1889); nr. Machakos (FMNH); Lake Amboseli, nr. Namanga (AMNH, Eger and Peterson, 1979:1889); 8 mi NW Makindu (Peterson and Nagorsen, 1975:2); Wei-Wei River, 2 mi S Sigor (Freeman, 1981:6, SMF); Ngong Hills (Hayman and Harrison, 1966:222, NMK); Yala River (Hayman and Harrison, 1966:222, NMK); South Kavirondo (Hayman and Harrison, 1966:224); Masalani, 20.1 km NE Kibwezi (O'Shea and Vaughan, 1981:489); Lake Baringo (Kingdon, 1974:325); Lake Hannington

(Kingdon, 1974:325; Eger and Peterson, 1979:1889); Akiriamet (Eger and Peterson, 1979:1889); Kampi ya Samaki (Eger and Peterson, 1979:1889); Kanyangareng, Suam River (Eger and Peterson, 1979:1889); Kapenguria (Eger and Peterson, 1979:1889); 10.4 km N, 12.6 km E Kibwezi (Eger and Peterson, 1979:1889); Kisumu (Eger and Peterson, 1979:1889); Kongelai, Kaiboni River (Eger and Peterson, 1979:1889); Perakera River, Marigat (Eger and Peterson, 1979:1889); Sigor, Wei-Wei River (SMF, Eger and Peterson, 1979:1889); Turkwell Gorge (Eger and Peterson, 1979:1889); 30 km SE Voi (Eger and Peterson, 1979:1889).

### ***Tadarida (Chaerephon) bemmelini cistura* (Thomas, 1903)**

*Nyctinomus cisturus* Thomas, 1903. Ann. Mag. Nat. Hist., (7)12:502. Mongalla, Equatoria Prov., Sudan.

*Records.*—Nyangala Hill (Nagorsen et al., 1976:9); Ngong (NMK); Yala River (NMK); Kabete (NMK); Kampi ya Moto, 20 mi W Nakuru (Start, 1969:219; Peterson, 1971:1347, BMNH); Menengai (BMNH, HZM); Masalani, 20.1 km NE Kibwezi (O'Shea and Vaughan, 1981:489).

### ***Tadarida (Mops) nanula* (J. A. Allen, 1917)**

*Mops (Allomops) nanulus* J. A. Allen, 1917. Bull. Am. Mus. Nat. Hist., 37:477. Niangara, Zaire.

*Records.*—Wei-Wei River, Sigor, West Pokot (Start, 1969:220, SMF); 2 mi S Sigor, Wei-Wei River (Freeman, 1981:7).

### ***Tadarida (Mops) condylura* (A. Smith, 1833)**

*Nyctinomus condylurus* A. Smith, 1833. South African Quart. J., 1:54. Port Natal, South Africa.

*Records.*—Malindi (HZM); Ruanda (HZM); Diani (HZM); Lake Naivasha (HZM); Lamu (HZM); Ukunda (SMF); Limuru (SMF); Athi River (HZM, NMK, USNM); Taveta (Thomas, 1910:309, BMNH); Kiboko (Kulzer, 1959:27, USNM); Bellazoni (Allen and Lawrence, 1936:54); Ngatana (Allen and Lawrence, 1936:54, CM); Sukori, Thika (Harrison, 1961:291); Mtito Andei (USNM); Ijara, Garissa (AMNH); Mara River (AMNH); Kilifi Veterinary Station (Freeman, 1981:7); Kisumu (Loveridge, 1923:695); Mombasa (Kock, 1969:152, SMF); Masalani, 20.1 km NE Kibwezi (O'Shea and Vaughan, 1981:489).

### ***Tadarida (Mops) midas midas* (Sundevall, 1843)**

*Dysopes midas* Sundevall, 1843. Kgl. Svenska Vetensk. Akad. Handl., p. 207. Bahr el Abiad [=White Nile], Sudan (restricted by Koopman, 1975:429, to west bank, White Nile, ca. 11°45'N, 33°30'E, Blue Nile Province, Sudan).

*Records.*—2 mi S Sigor, Wei-Wei River, West Pokot Dist. (Freeman, 1981:7).

### ***Tadarida (Mops) brachyptera* (Peters, 1852)**

*Dysopes brachypterus* Peters, 1852. Reise nach Mossambique, Saugethiere, p. 59, pl. 15, f. 1. Island of Mozambique, Mozambique.

*Records.*—Malindi (Peters, 1879:832; Dobson, 1880:194).

*Remarks.*—This is a poorly known taxon originally described from Mozambique and its taxonomic status is unclear. Allen (1939:107)

listed it as a distinct species whereas Hayman and Hill (1971:59) proposed that it could be an earlier name for either *T. thersites* or *T. leonis*. Koopman (1975:420) discussed its relationship to the above two taxa as well as *T. spurrelli* and *T. nanulus* and considered that it could be the eastern representative of any of these four taxa. El-Rayah (1981:2, 6) synonymized *T. leonis* with *T. brachyptera*.

### Genus *Otomops* Thomas, 1913

#### *Otomops martiensseni martiensseni* (Matschie, 1897)

*Nyctinomus martiensseni* Matschie, 1897. Arch. Naturgesch., 63(1):84. Magrotto plantation, Usambara Mountains, west of Tanga, Tanzania.

**Records.**—Kwale (NMK); nr. Kibwezi (HZM); Nairobi (Harrison, 1961:290, Williams, 1967:178); Mt. Suswa (NMK, SMF, Glover et al., 1964:58, Harrison, 1965:2, Williams, 1967:178, Mutere, 1968:20, Dulic and Mutere, 1973a:61, Kinoti, 1973:129, Valdivieso et al., 1979:5, Freeman, 1981:10); Ithundu Caves, Kiboko (NMK, SMF, Dulic and Mutere, 1973a:61, Valdivieso et al., 1979:5); Lake Naivasha (Valdivieso et al., 1979:5); 19 km W Makindu (Valdivieso et al., 1979:5); Kampi ya Moto, Lake Baringo (Valdivieso et al., 1979:5); nr. Kiboko (Whitaker and Mumford, 1978:634); Wei-Wei River, 1 mi SE Sigor (Warner et al., 1974:175); Shimba Hills (Williams, 1967:178); Hunter's Lodge (A. Pye, 1973:84); Chyulu Hills (Kinoti, 1973:129); Kimakia Cave, Northern Chyulu Hills (Simons, 1974:250).

### GAZETTEER

Locality names are listed in alphabetical order with variant names cross-referenced to the standard names. Standard names are taken from the second edition of the official standard names gazetteer for Kenya published in 1978 and approved by the United States Board on Geographic Names. Most of the entities can be identified and located on the 1978 version of the Kenya and Northern Tanzania Route Map published in English, French, and German by the Survey of Kenya.

Coordinates for locality names were taken mostly from the Kenyan gazetteer listed above. In addition, Loveridge (1937), Moreau et al. (1945), Chapin (1954), and Davis and Misonne (1964) were consulted together with place modifiers in the original references for published records. In the case of rivers, when no place modifiers were available for the published records or on the specimen labels, coordinates are given for the river mouth or confluence.

In a number of instances, more than one entity exists in Kenya for a place name. This generally does not cause a real problem but does in the case of the locality cited as Euaso Ngiro and its variants, especially the older specimens labeled Guaso Nyiro. In this latter instance, we have given coordinates for both the southern and northern Euaso Ngiro rivers in the gazetteer.

Akiriamet  
Amala River  
Amboseli Reserve

1°20'N, 35°42'E  
1°02'S, 35°14'E  
2°30'S, 37°00'E

Archer's Post	0°39'N, 37°41'E
Aruba Dam, Tsavo East	3°21'S, 38°49'E
Aruba Lodge, Tsavo National Park	3°21'S, 38°49'E
Athi River	1°27'S, 36°59'E
Athi Station [=Athi River]	1°27'S, 36°59'E
Baharini Farm	0°18'S, 36°06'E
Bahati, nr. Nakuru	0°09'S, 36°06'E
Balesa	3°36'N, 37°22'E
Barberton Cave, Kitale	
Barberton's farm, Kitale	
Baricho	3°06'S, 39°47'E
Baringo [=Mukutan]	0°38'N, 36°16'E
Bat Island	3°27'N, 36°04'E
Belazoni	ca. 2°31'S, 40°22'E
Bellazoni [=Belazoni]	ca. 2°31'S, 40°22'E
Berkeley Bay	0°14'N, 33°58'E
Buffalo Springs	0°37'N, 37°39'E
Bukura	0°14'N, 34°47'E
Bukwa [=Bukura]	0°14'N, 34°47'E
Bulessa [=Balesa]	3°36'N, 37°22'E
Bura	1°06'S, 39°57'E
Bura Irrigation Scheme	3°30'S, 38°18'E
Bushwhacker's Safari Camp	2°19'S, 38°07'E
Busia	0°28'N, 34°06'E
Cave of God	0°46'S, 36°21'E
Central Island	3°30'N, 36°03'E
Chanler's Falls	0°47'N, 38°05'E
Cherangani Hills	1°15'E, 35°27'E
Chesegon	1°18'N, 35°37'E
Chuka	0°20'S, 37°39'E
Chyulu Hills	2°35'S, 37°50'E
Daraja ya Mungu, Nyamindi River	0°34'S, 37°24'E
Devil's Cave, Kitale	
Diani	4°18'S, 39°34'E
Diani Beach	4°18'S, 39°35'E
Diani Forest	4°15'S, 39°34'E
Diani Mosque	4°18'S, 39°34'E
Donyo Sabak [=Ol Doinyo Sapuk]	1°08'S, 37°15'E
Donyo Sabuk Mountains [=Ol Doinyo Sapuk]	1°08'S, 37°15'E
Eastern Part, Mt. Elgon National Park	ca. 1°03'N, 34°46'E
Elburgon	0°18'S, 35°49'E
Eldoinyo Lengamlo	2°10'S, 37°33'E
El Dongo eb Urru [=Ol Doinyo Opuru]	0°38'S, 36°14'E
Eldoret	0°31'N, 35°17'E
Elementeita [=Elmenteita]	0°29'S, 36°09'E
Elgon Caves [=Mt. Elgon Caves]	
Elgonyi, Mt. Elgon	0°58'N, 34°40'E
Elmenteita	0°29'S, 36°09'E
Embu	0°32'S, 37°27'E
Embu Boma [=Embu]	0°32'S, 37°27'E
Endau Mt.	1°16'S, 38°35'E
Endebess	1°04'N, 34°51'E
Endoposei River, nr. Kalema [=Endosapia River]	1°46'S, 36°05'E
Endosapia River	1°46'S, 36°05'E

Engare Nanyuki	0°21'N, 36°55'E
Engare Narok	1°09'N, 36°35'E
Eusso Nyiro [=Ewaso Ngiro]	0°37'N, 36°55'E-
Ewaso Ngiro (Northern)	0°28'N, 39°55'E
Ewaso Ngiro (Southern)	0°35'N, 35°47'E-
	2°04'S, 36°07'E
Exodus Cave, Mt. Suswa	1°08'S, 36°22'E
Ferguson's Gulf	3°31'N, 35°55'E
Fisherman's Cave, Kenya Coast	
Fort Hall [=Muranga]	0°43'S, 37°09'E
Fort Jesus	4°04'S, 39°41'E
Fort Warwick	
Frere Town	4°01'S, 39°42'E
Galana Ranch	3°20'S, 39°20'E
Galma Galla	1°11'S, 40°47'E
Garabani	
Garba Tula	0°32'N, 38°31'E
Garbat Ullah [=Garba Tula]	0°32'N, 38°31'E
Garibete Water Hole	3°23'S, 39°16'E
Garissa	0°28'S, 39°38'E
Garsen	2°16'S, 40°07'E
Gebbi [=Lake Jipe]	3°35'S, 37°45'E
Gede	3°18'S, 40°01'E
Gede National Park	3°18'S, 40°01'E
Gedi National Park [=Gede National Park]	3°18'S, 40°01'E
Gelitja	2°32'S, 40°31'E
Gibraltar Island	0°36'N, 36°04'E
Gilgil	0°30'S, 36°19'E
Gilgil River	0°43'S, 36°21'E
Golbanti	2°27'S, 40°12'E
Governor's Camp, Mara River	
Granite Hills, Simba Road [=Eldoinyo Lengamlo]	2°10'S, 37°33'E
Guaso Nyiro [=Ewaso Ngiro]	1°00'N, 39°27'E
Guaso Nyuki [=Engare Nanyuki]	0°21'N, 36°55'E
Gura River	0°31'S, 37°05'E
Habaswein	1°01'N, 39°29'E
Hoey's Bridge [=Moi's Bridge]	0°53'N, 35°07'E
Hunter's Lodge, nr. Makindu	2°14'S, 37°42'E
Ijara	1°36'S, 40°31'E
Isiolo	0°21'N, 37°35'E
Ithundu Caves, Kiboko	2°20'S, 37°44'E
Juja Farm	1°11'S, 37°07'E
Kabalolot Hill	ca. 1°00'S, 35°23'E
Kabete	1°16'S, 36°43'E
Kabolet River	
Kacheliba [=Kuchelebai]	1°29'N, 35°01'E
Kaibibich	1°12'N, 35°17'E
Kaibibich Forest	ca. 1°12'N, 35°17'E
Kaimosi	0°08'N, 34°51'E
Kaitherin Hills [=Kathiren]	4°48'N, 35°16'E
Kakamega	0°17'N, 34°45'E
Kakamega Forest	0°09'N-0°22'N, 34°50'E-34°58'E

Kalakol	3°33'N, 34°54'E
Kampi ya Moto	0°08'S, 35°56'E
Kampi ya Samaki	0°36'N, 36°01'E
Kamuuan	
Kanjira	0°21'S, 34°33'E
Kanyangaren [=Kanyangareng]	1°47'N, 35°08'E
Kanyangareng	1°47'N, 35°08'E
Kapenguria	1°14'N, 35°07'E
Kapretwa, Mt. Elgon	
Kapsakwany [=Kapsakwony]	0°51'N, 34°43'E
Kapsakwony	0°51'N, 34°43'E
Kapsania, Sigor	
Kapsarok	0°18'S, 35°03'E
Kaptagat	0°26'N, 35°29'E
Kara River	
Karen	1°20'S, 36°42'E
Kariandus	0°25'S, 36°18'E
Karibiti	
Karsa	3°38'N, 36°20'E
Karura Forest	1°14'S, 36°50'E
Kathama Kangundo Escarpment	1°19'S, 37°21'E
Kathiren	4°48'N, 35°16'E
Katilia	2°07'N, 36°07'E
Katilo	
Kau, Osi River	2°29'S, 40°26'E
Kavirondo	1°08'N-1°23'S, 33°56'E-35°07'E
Kericho	0°22'S, 35°17'E
Kiambu	1°10'S, 36°50'E
Kiboko	2°11'S, 37°43'E
Kibwezi	2°25'S, 37°58'E
Kiega Hill [=Kieiga]	0°07'N, 37°48'E
Kieiga	0°07'N, 37°48'E
Kijabe	0°56'S, 36°34'E
Kijabe Station	0°55'S, 36°35'E
Kikambala	3°54'S, 39°47'E
Kikuyu	1°15'S, 34°40'E
Kilaguni Lodge	2°54'S, 38°04'E
Kilifi	3°38'S, 39°51'E
Kilifi Creek	3°38'S, 39°51'E
Kilima Mbogo	1°04'S, 37°14'E
Kilindini	4°04'S, 39°39'E
Kimakia Cave, Chyulu Hills	2°20'S, 37°44'E
Kimana	2°48'S, 37°32'E
Kimilili Forest Station	
Kimingini	0°11'N, 34°46'E
Kiminini	0°54'N, 34°55'E
Kiminini Caves	0°57'N, 34°50'E
Kinangop	0°44'S, 36°40'E
Kindu Bay [=Kendu Bay]	0°21'S, 34°38'E
Kipini	2°32'S, 40°31'E
Kipsain River	1°07'N, 35°06'E
Kipsiryori Cave	0°50'N, 34°50'E
Kirui, Mt. Elgon [=Kirui's]	0°50'N, 34°40'E

Kirui's	0°50'N, 34°40'E
Kisiaunet	1°17'N, 35°05'E
Kisumu	0°06'S, 34°45'E
Kitale	1°01'N, 35°00'E
Kitau, Manda Island	2°18'S, 40°56'E
Kitui	1°22'S, 38°01'E
Kitumu Cave, Mt. Elgon National Park	
Kompini	
Kongelai	1°28'N, 35°01'E
Konza	1°45'S, 37°07'E
Koru Legetet Hill	
Kozibiri River	2°55'N, 35°25'E
Koru	0°11'S, 35°16'E
Kuchelebai	1°29'N, 35°01'E
Kwale	4°11'S, 39°27'E
Laisamis	1°36'N, 37°48'E
Lake Amboseli	2°37'S, 37°08'E
Lake Baringo	0°38'N, 36°05'E
Lake Bogoria	0°15'N, 36°06'E
Lake Elementeita [=Lake Elmenteita]	0°27'S, 36°15'E
Lake Elmenteita	0°27'S, 36°15'E
Lake Hannington [=Lake Bogoria]	0°15'N, 36°06'E
Lake Jipe	3°35'S, 37°45'E
Lake Jippe [=Lake Jipe]	3°35'S, 37°45'E
Lake Naivasha	0°46'S, 36°21'E
Lakiundu River [=Ngaramara River]	0°36'N, 37°37'E
Laldyka Hills, nr. Nanyuki [=Loldaiga Mountains]	0°12'N, 37°07'E
Lali Hills	3°00'S, 39°15'E
Lamu	2°16'S, 40°54'E
Lamu Coast	2°18'S, 40°53'E
Lamu Island	2°17'S, 40°52'E
Langata	1°24'S, 36°46'E
Langata Forest	1°24'S, 36°46'E
Lekiundu River [=Ngaramara River]	0°36'N, 37°37'E
Leopard Rock	0°13'N, 38°13'E
Lesukut Island	0°35'N, 36°04'E
Limuru	1°06'S, 36°39'E
Lion Hill, Lake Nakuru	
Liranda Hill	0°14'N, 34°48'E
Lirandha Hill, Kakamega [=Liranda Hill]	0°14'N, 34°48'E
Lodermoru water	
Lodwar	3°07'N, 35°36'E
Lokichoggio [=Lokichokio]	4°12'N, 34°21'E
Lokichokio	4°12'N, 34°21'E
Lokitanyala Escarpment	2°22'N, 34°57'E
Lokomorinyang	
Lokori	1°57'N, 36°01'E
Loldaiga Mountains	0°12'N, 37°07'E
Loldyka Hills, nr. Nanyuki [=Loldaiga Mountains]	0°12'N, 37°07'E
Loli Hills [=Lali Hills]	3°00'S, 39°15'E
Londiani	0°10'S, 35°36'E
Lopi River	
Lorian [=Lorian Swamp]	0°40'N, 39°35'E

Lorian Swamp	0°40'N, 39°35'E
Lorogi	1°00'N, 36°51'E
Lorugumo, Turkana	2°53'N, 35°15'E
Lothagam Hill	2°55'N, 36°04'E
Lualeni Borehole	3°35'S, 38°13'E
Luanda	0°16'N, 34°47'E
Lukenya Hills	1°28'S, 37°03'E
Lukenya Mountain [=Lukenya Hills]	1°28'S, 37°03'E
Machakos	1°31'S, 37°16'E
Machakos Road	1°32'S, 37°09'E
Maddo Erelle	3°54'N, 41°05'E
Magadi	1°54'S, 36°17'E
Maji ya Moto	0°16'N, 36°04'E
Maji Moto [=Maji ya Moto]	0°16'N, 36°04'E
Makalia Falls	0°29'S, 36°04'E
Makere	1°52'S, 40°07'E
Makeri [=Makere]	1°52'S, 40°07'E
Makindu	2°17'S, 37°49'E
Maktau	3°24'S, 38°08'E
Makueni	1°49'S, 37°47'E
Malca Muda [=Melka Mude]	2°31'N, 38°08'E
Malindi	3°13'S, 40°07'E
Manda Island	2°17'S, 40°57'E
Maragat, Baringo	0°28'N, 35°59'E
Maragoli	0°06'N, 34°43'E
Maranda School	0°05'S, 34°13'E
Mara River	1°03'S, 35°14'E
Markwijit	
Marsabit	2°20'N, 37°59'E
Marsabit Lake	ca. 2°17'N, 37°32'E
Marsabit Mountain	2°17'N, 37°57'E
Marsabit Road	0°39'N, 37°41'E
Masabubu	1°13'S, 40°00'E
Massabuku [=Masabubu]	1°13'S, 40°00'E
Masalani	2°19'S, 38°07'E
Mathaitani Farm, South Mua Hills [=Mathatani Estate]	1°29'S, 37°06'E
Mathatani Estate	1°29'S, 37°06'E
Mathioni Cave, Chyulu Hills	2°19'S, 37°43'E
Mau Narok	0°36'S, 36°00'E
Maungu	3°33'S, 38°45'E
Maungu Hills	3°33'S, 38°45'E
Mau Summit	0°10'S, 35°41'E
Mazeras	3°58'S, 39°33'E
Mbale	3°24'S, 38°23'E
Mbero Rock	
Mbevo Hill	1°38'S, 37°17'E
Mbooni	1°40'S, 37°27'E
Melka Mude	2°31'N, 38°08'E
Meneneka blow holes, Chyulu Hills	
Menengai	0°12'S, 35°58'E
Menengai Crater	0°12'S, 36°04'E
Merelle River, Marsabit Road [=Merille River]	1°23'N, 37°44'E

Merelle Water [=Merille River]	1°23'N, 37°44'E
Merille River	1°23'N, 37°44'E
Merogoli [=Maragoli]	0°06'N, 34°43'E
Meru	0°03'N, 37°39'E
Meru River	
Mida	3°19'S, 39°58'E
Milimani	1°46'S, 40°50'E
Mkonumbi [=Mkunumbi]	2°18'S, 40°42'E
Mkunumbi	2°18'S, 40°42'E
Moctow [=Maktau]	3°24'S, 38°08'E
Molo	0°15'S, 35°44'E
Molo River	0°32'N, 36°05'E
Mombasa	4°03'S, 39°40'E
Moto Cave, Diani Coast	
Mountain Lodge	0°20'S, 37°09'E
Mt. Elgon	1°08'N, 34°33'E
Mt. Elgon Caves	
Mt. Garguez [=Warges]	0°57'N, 37°24'E
Mount Lololokwi [=Ol Doinyo Sabachi]	0°50'N, 37°32'E
Mt. Mbololo	3°17'S, 38°28'E
Mt. Menengai	0°14'S, 36°06'E
Mt. Nasolet	1°49'N, 35°18'E
Mt. Suswa [=Ol Doinyo Nyukie]	1°09'S, 36°21'E
Mrima Hill	4°29'S, 39°16'E
Msambweni	4°28'S, 39°29'E
Msambweni Cave	ca. 4°28'S, 39°29'E
Mtito Andei	2°41'S, 38°10'E
Mudanda Rock	3°10'S, 38°31'E
Muhoroni	0°09'S, 35°12'E
Mukanda River, Lukore area, Shimba Hills	
Mukumu-Kakamega Escarpment	
Mukutan	0°38'N, 36°16'E
Mumias	0°20'N, 34°29'E
Murka	3°22'S, 37°56'E
Musanda	0°13'N, 34°26'E
Muthara	0°13'N, 37°48'E
Muumandu	1°40'S, 37°17'E
Mwingi	0°56'S, 38°04'E
Nadapal, Turkana	4°26'N, 34°16'E
Nairobi	1°17'S, 36°49'E
Nairobi River	1°13'S, 37°07'E
Naivasha	0°43'S, 36°26'E
Naivasha Station	0°43'S, 36°26'E
Nakuchett [=Nakuijit]	1°38'N, 35°10'E
Nakuijit	1°38'N, 35°10'E
Nakuru	0°17'S, 36°04'E
Namanga	2°33'S, 36°47'E
Nandi Forest	0°09'N-0°30'N, 34°58'E-35°09'E
Nanyuki	0°01'N, 37°04'E
Narok	1°05'S, 35°52'E
Narosura River	1°33'S, 35°53'E
Narrosurra River [=Narosura River]	1°33'S, 35°53'E

Ndara Hills	3°31'S, 38°36'E
Ndarugu River	1°07'S, 37°10'E
Ndauni	1°43'S, 37°44'E
Ndi	3°14'S, 38°30'E
Ndoto	1°45'N, 37°10'E
Ndurugu River [=Ndarugu River]	1°07'S, 37°10'E
Ngangao Forest, Taita Hills	3°22'S, 38°20'E
Ngaramara River	0°36'N, 37°37'E
Ngare Nyuki [=Engare Nanyuki]	0°21'N, 36°55'E
Ngatana	2°13'S, 40°11'E
Ngenyi, Sambura Dist.	
Nginyang	0°58'N, 36°01'E
Ngombeni Caves	4°08'S, 39°39'E
Ngomeni	3°00'S, 40°11'E
Ngomeni, Kitui	0°39'S, 38°24'E
Ngomeni, NE Mwingi	0°39'S, 38°24'E
Ngong	1°22'S, 36°39'E
Ngong Hills	1°24'S, 36°38'E
Ngulia Lodge	2°59'S, 38°12'E
Nguruman Escarpment	1°45'S, 36°02'E
Nidji Hills, Voi	
Njoro	0°20'S, 35°56'E
North Cherangani Hills	1°15'N, 35°27'E
North Larogie [=Lorogi]	1°00'N, 36°51'E
Northern Guaso Nyiro [=Ewaso Ngiro]	0°37'N, 36°55'E- 0°28'N, 39°55'E
Nuu, Kitui	1°04'S, 38°21'E
Nyahururu	0°02'N, 36°22'E
Nyama Nyango, Eusso Nyiro [=Samburu Game Lodge, Uaso Nyiro]	0°34'N, 37°35'E
Nyangala Hill	3°37'S, 38°44'E
Nyeri	0°25'S, 36°57'E
Nyeri Station	0°23'S, 37°00'E
Nyuki River [=Engare Nanyuki]	0°21'N, 36°55'E
Ol Doinyo Nyukie	1°09'S, 36°21'E
Ol Doinyo Opuru	0°38'S, 36°14'E
Ol Doinyo Sabachi	0°50'N, 37°32'E
Ol Doinyo Sapuk	1°08'S, 37°15'E
Ol Donyo Sabuk [=Ol Doinyo Sapuk]	1°08'S, 37°15'E
Olebortoto River [=Oloibortoto River]	1°48'S, 36°05'E
Olengarua	2°05'S, 36°07'E
Ol Kalou	0°16'S, 36°23'E
Ol Messoti [=Olmesutye]	1°54'S, 35°46'E
Olmesutye	1°54'S, 35°46'E
Oloibortoto River	1°48'S, 36°05'E
Olorgasailie	1°34'S, 36°27'E
Olorgesailie [=Olorgasailie]	1°34'S, 36°27'E
Ortum	1°26'N, 35°21'E
Othaya	0°34'S, 36°57'E
Pata Island [=Pate Island]	2°07'S, 41°03'E
Pate Island	2°07'S, 41°03'E
Patta Island [=Pate Island]	2°07'S, 41°03'E
Perakera River, Marigat	0°29'N, 35°59'E

Potha, nr. Machakos	1°34'S, 37°10'E
Quoy, Marsabit Road	ca. 0°55'N, 37°38'E
Rabai	3°56'S, 39°34'E
Ras Shaka	2°33'S, 40°37'E
Ribe	3°53'S, 39°38'E
Rift Valley	0°30'N, 36°00'E
River Kerio Suk	2°59'N, 36°07'E
Rondo Forest	0°14'N, 34°53'E
Rongai	0°10'S, 35°51'E
Ruanda [=Luanda]	0°16'N, 34°47'E
Ruaraka	1°14'S, 36°53'E
Ruiru	1°09'S, 36°58'E
Ruiru Dam	1°02'S, 36°45'E
Rusinga	0°01'N, 36°11'E
Sabaki River	3°09'S, 40°08'E
Sabatia	0°02'S, 35°45'E
Saboti	0°56'N, 34°50'E
Sabukia	0°03'N, 36°14'E
Saiwa River	1°06'N, 35°07'E
Sala	3°04'S, 39°11'E
Samburu Game Lodge	0°34'N, 37°35'E
Sarmai	1°46'N, 35°28'E
Sebaki River [=Sabaki River]	3°09'S, 40°08'E
Selengai	2°11'S, 37°10'E
Shela	2°18'S, 40°55'E
Shella [=Shela]	2°18'S, 40°55'E
Shikusa	0°19'N, 34°49'E
Shimba Hills	4°13'S, 39°25'E
Shimo ma Kitu Cave, Rongai Valley	
Shimoni	4°39'S, 39°23'E
Shombole [=Olengarua]	2°05'S, 36°07'E
Sigor, West Pokot	1°29'N, 35°28'E
Simba	2°10'S, 37°36'E
Simba River	
Skull Cave, Chyulu Hills	2°18'S, 37°43'E
Smara, Mt. Kenya	
Sobukia [=Sabukia]	0°03'N, 36°14'E
Sokoke Forest	3°29'S, 39°50'E
Songhor	0°03'S, 35°14'E
Sotik	0°41'S, 35°07'E
South Kavirondo	0°45'S, 34°25'E
South Kinangop	ca. 0°42'S, 36°42'E
South Kiniangop [=South Kinangop]	ca. 0°42'S, 36°42'E
Southern Guaso Nyiro [=Ewaso Ngiro]	0°35'N, 35°47'E– 2°04'S, 36°07'E
Soysambu	2°08'S, 37°22'E
Ssio-Bay [=Berkeley Bay]	0°14'N, 33°58'E
Stony Athi	1°35'S, 37°00'E
Suam River	2°01'N, 35°27'E
Sukari	1°15'S, 37°06'E
Sukori [=Sukari]	1°15'S, 37°06'E
Sultan Hamud	2°01'S, 37°22'E
Sulten Hamud [=Sultan Hamud]	2°01'S, 37°22'E

Taita	3°25'S, 38°20'E
Taita Hills	3°25'S, 38°20'E
Takaungu	3°41'S, 39°51'E
Talek River	1°26'S, 35°04'E
Tana River	2°32'S, 40°31'E
Tanganyika	4°19'S, 39°24'E
Tanganyiko, nr. Mombasa [=Tanganyika]	4°19'S, 39°24'E
Tarasha River, Gilgil	
Taru	3°44'S, 39°09'E
Taveta	3°24'S, 37°41'E
Telek River [=Talek River]	1°26'S, 35°04'E
Tharaka	0°18'S, 38°01'E
Thika	1°03'S, 37°05'E
Thomson's Falls [=Nyahururu]	0°02'N, 36°22'E
Tinderet Forest, Songhor	0°07'S-0°11'N, 35°19'E-35°34'E
Tiwi	4°14'S, 39°35'E
Tiwi Beaches	4°14'S, 39°36'E
Tororo (Uganda)	0°42'N, 34°12'E
Trans Nzoia Dist.	0°50'N, 35°00'E
Tsavo	2°59'S, 38°28'E
Tsavo West National Park	2°59'S, 38°28'E
Tschaka [=Ras Shaka]	2°33'S, 40°37'E
Tseikuru	0°18'S, 38°13'E
Turkwel River	3°06'N, 36°06'E
Turkwell Gorge	1°50'N, 35°25'E
Turkwell River [=Turkwel River]	3°06'N, 36°06'E
Turquel [=Turkwel River]	3°06'N, 36°06'E
Uasin Gishu Plateau	0°10'N-0°56'N, 34°50'E-35°32'E
Uasu Nyiru River bridge	1°50'S, 36°07'E
Ukazi	0°53'S, 38°24'E
Ukazzi [=Ukazi]	0°53'S, 38°24'E
Ukunda	4°17'S, 39°34'E
Ulukenia Hills [=Lukenya Hills]	1°28'S, 37°03'E
Upper Luazomela River, nr. Meru	
Ushingo	2°46'S, 39°40'E
Vipingo	3°49'S, 39°48'E
Vipingo Caves	ca. 3°49'S, 39°48'E
Voi	3°23'S, 38°34'E
Waa Beach	4°11'S, 39°38'E
Wanjala	3°15'S, 38°09'E
Wanjalu Hill [=Wanjala]	3°15'S, 38°09'E
Warges	0°57'N, 37°24'E
Watamu	3°21'S, 40°01'E
Wei-Wei River	2°00'N, 35°27'E
Wema	2°13'S, 40°11'E
Witu	2°23'S, 40°26'E
Yala River	0°04'N, 34°09'E
Yatta Escarpment	3°00'S, 38°45'E

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