

ORDER CHIROPTERA

by Karl F. Koopman

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COMMENTS: Includes as suborders Megachiroptera, with the single family Pteropodidae, and Microchiroptera, with the remainder.

Family Pteropodidae Gray, 1821. London Med. Repos., 15:299.

Subfamily Pteropodinae Gray, 1821. London Med. Repos., 15:299.

SYNONYMS: Harpyionycterinae, Nyctimeninae.

COMMENTS: Corbet and Hill (1980) and Hill and Smith (1984) recognized the subfamilies Harpyionycterinae and Nyctimeninae, which are included here.

Acerodon Jourdan, 1837. L'Echo du Monde Savant, 4, No. 275, p. 156.

TYPE SPECIES: *Pteropus jubatus* Eschscholtz, 1831.

COMMENTS: Very closely related to and probably congeneric with *Pteropus* (see Musser et al., 1982a).

Acerodon celebensis (Peters, 1867). Monatsb. K. Preuss. Akad. Wiss. Berlin, 1867:333.

TYPE LOCALITY: Indonesia, Sulawesi.

DISTRIBUTION: Sulawesi, Saleyer Isl, and Sula Mangoli (Indonesia).

STATUS: CITES - Appendix II.

SYNONYMS: *arquatus*.

COMMENTS: Includes *arquatus* and Sulawesi specimens formerly in *Pteropus argentatus* (see Musser et al., 1982a); also see *P. argentatus*.

Acerodon humilis K. Andersen, 1909. Ann. Mag. Nat. Hist., ser. 7, 3:24-25.

TYPE LOCALITY: Indonesia, Talaud Isls, Lirong.

DISTRIBUTION: Talaud Isls (Indonesia).

STATUS: CITES - Appendix II.

Acerodon jubatus (Eschscholtz, 1831). Zool. Atlas, Part 4:1.

TYPE LOCALITY: Philippines, Luzon, Manila.

DISTRIBUTION: Philippines.

STATUS: CITES - Appendix II.

SYNONYMS: *aurinuchalis*, *mindanensis*, *pyrrhocephalus*.

Acerodon leucotis (Sanborn, 1950). Proc. Biol. Soc. Washington, 63:189.

TYPE LOCALITY: Philippines, Calamian Isls, Busuanga Isl, Singay.

DISTRIBUTION: Balabac, Palawan, Busuanga Isl (Philippines).

STATUS: CITES - Appendix II.

SYNONYMS: *obscurus*.

COMMENTS: Formerly included in *Pteropus* (see Musser et al., 1982a).

Acerodon lucifer Elliot, 1896. Field Columb. Mus. Publ., Zool. Ser., 1:78.

TYPE LOCALITY: Philippines, Panay, Concepcion.

DISTRIBUTION: Philippines (known only from the type locality).

STATUS: CITES - Appendix II; IUCN - Extinct; probably extinct.

Acerodon mackloti (Temminck, 1837). Monogr. Mamm., 2:69.

TYPE LOCALITY: Indonesia, Timor.

DISTRIBUTION: Lombok, Sumbawa, Flores, Alor Isl, Sumba, and Timor (Indonesia).

STATUS: CITES - Appendix II.

SYNONYMS: *alorensis*, *floresianus*, *floresii*, *gilvus*, *ochraphaeus*, *prajae*.

Aethalops Thomas, 1923. Proc. Zool. Soc. Lond., 1923:178.

TYPE SPECIES: *Aethalodes alecto* Thomas, 1923.

SYNONYMS: *Aethalodes*.

COMMENTS: Replacement name for *Aethalodes* (preoccupied).

- Aethalops alecto* (Thomas, 1923). Ann. Mag. Nat. Hist., ser. 9, 11:251.
 TYPE LOCALITY: Indonesia, Sumatra, Indrapura Peak, 7,300 ft. (2,225 m).
 DISTRIBUTION: W Malaysia, Borneo, Sumatra, Java, and Lombok.
 SYNONYMS: *aequalis*, *ocypete*.
 COMMENTS: Includes *aequalis* (see Hill, 1961a).
- Alionycteris* Kock, 1969. Senckenberg. Biol., 50:319.
 TYPE SPECIES: *Alionycteris paucidentata* Kock, 1969.
- Alionycteris paucidentata* Kock, 1969. Senckenberg. Biol., 50:322.
 TYPE LOCALITY: Philippines, Mindanao, Bukidion Prov., Mt. Katanglad.
 DISTRIBUTION: Mindanao (Philippines).
 STATUS: IUCN - Insufficiently known.
- Aproteles* Menzies, 1977. Aust. J. Zool., 25:330.
 TYPE SPECIES: *Aproteles bulmerae* Menzies, 1977.
- Aproteles bulmerae* Menzies, 1977. Aust. J. Zool., 25:331.
 TYPE LOCALITY: Papua New Guinea, Chimbu Prov., 2 km SE Chuave Govt. Sta., 1,530 m.
 DISTRIBUTION: New Guinea.
 STATUS: U.S. ESA - Endangered; IUCN - Insufficiently known.
 COMMENTS: Originally described from fossil material, but since found living (Hyndman and Menzies, 1980).
- Balionycteris* Matschie, 1899. Flederm. Berliner Mus. Naturk., p. 80.
 TYPE SPECIES: *Cynopterus maculatus* Thomas, 1893.
- Balionycteris maculata* (Thomas, 1893). Ann. Mag. Nat. Hist., ser. 6, 11:341.
 TYPE LOCALITY: Malaysia, Sarawak.
 DISTRIBUTION: Thailand; W Malaysia; Borneo; Durian and Galang Isls (Riau Arch., Indonesia).
 SYNONYMS: *seimundi*.
- Boneia* Jentink, 1879. Notes Leyden Mus., 1:117.
 TYPE SPECIES: *Boneia bidens* Jentink, 1879.
 COMMENTS: Recognition as a separate genus follows Andersen (1912:55-60), but see Bergmans and Rozendaal (1988), who included it in *Rousettus*.
- Boneia bidens* Jentink, 1879. Notes Leyden Mus., 1:117.
 TYPE LOCALITY: Indonesia, N Sulawesi, Bone (near Gerontalo).
 DISTRIBUTION: N Sulawesi (Indonesia).
 SYNONYMS: *menadensis*.
- Casinycteris* Thomas, 1910. Ann. Mag. Nat. Hist., ser. 8, 6:111.
 TYPE SPECIES: *Casinycteris argynnis* Thomas, 1910.
 COMMENTS: Revised by Bergmans (1990).
- Casinycteris argynnis* Thomas, 1910. Ann. Mag. Nat. Hist., ser. 8, 6:111.
 TYPE LOCALITY: Cameroon, Ja River, Bitey.
 DISTRIBUTION: Cameroon to E Zaire.
- Chironax* K. Andersen, 1912. Cat. Chiroptera Brit. Mus., 2nd ed., p. 658.
 TYPE SPECIES: *Cynopterus melanocephalus* Temminck, 1825.
- Chironax melanocephalus* (Temminck, 1825). Monogr. Mamm., 1:190.
 TYPE LOCALITY: Indonesia, W Java, Bantam.
 DISTRIBUTION: Thailand, W Malaysia, Borneo, Sumatra, Java, Nias Isl, and Sulawesi.
 SYNONYMS: *tumulus*.
- Cynopterus* F. Cuvier, 1824. Dentes des Mammiferes, p. 248.
 TYPE SPECIES: *Pteropus marginatus* E. Geoffroy, 1810 (= *Vespertilio sphinx* Vahl, 1797).

Cynopterus brachyotis (Müller, 1838). Tijdschr. Nat. Gesch. Physiol., 5:146.

TYPE LOCALITY: Borneo, Dewei River.

DISTRIBUTION: Sri Lanka, India, SE Asia, Malaysia, Philippines, Nicobar and Andaman Isls, Borneo, Sumatra, Sulawesi, and Talaud Isls and adjacent small islands.

SYNONYMS: *altitudinis*, *andamanensis*, *archipelagus*, *brachysoma*, *ceylonensis*, *concolor*, *hoffeti*, *insularum*, *javanicus*, *luzoniensis*; *minor* Revilliod; *minutus*.

COMMENTS: Does not include *angulatus*, which was transferred to *sphinx* (see Hill and Thonglongya, 1972). Includes *minor*, which was listed as distinct by Corbet and Hill (1980:41); see also Hill (1983). Includes *archipelagus* (see Heaney et al., 1987). Kitchener and Moharadatunkamsi (1991) treated *luzoniensis* and *minutus* as separate species, but I follow Hill (1983).

Cynopterus horsfieldi Gray, 1843. List Specimens Mamm. Coll. Brit. Mus., p. 38.

TYPE LOCALITY: Indonesia, Java.

DISTRIBUTION: Thailand, W Malaysia, Borneo, Java, Sumatra, Lesser Sunda Isls, and adjacent small islands.

SYNONYMS: *harpax*, *lyoni*; *minor* Lyon; *persimilis*, *princeps*.

COMMENTS: Includes *harpax* (see Hill, 1961a).

Cynopterus nusatenggara Kitchener and Maharadatunkamsi, 1991. Rec. West. Aust. Mus., 15:312.

TYPE LOCALITY: Indonesia, Lesser Sunda Isls, Sumbawa, Jerewah, Desa Belo.

DISTRIBUTION: Lombok, Sumbawi, Flores, Sumba, and adjacent small islands.

Cynopterus sphinx (Vahl, 1797). Skr. Nat. Selsk. Copenhagen, 4(1):123.

TYPE LOCALITY: India, Madras, Tranquebar.

DISTRIBUTION: Sri Lanka, India, S China, SE Asia, W Malaysia, Sumatra, adjacent small islands; perhaps Borneo.

SYNONYMS: *angulatus*, *babi*, *gangeticus*, *pagensis*, *scherzeri*, *serasani*.

COMMENTS: Includes *angulatus* (see Hill and Thonglongya, 1972). Does not include *titthaechileus* (see Hill, 1983).

Cynopterus titthaechileus (Temminck, 1825). Monogr. Mamm. 1:198.

TYPE LOCALITY: Indonesia, Java, Bogor.

DISTRIBUTION: Sumatra, Java, Lombok, Timor, and adjacent small islands.

SYNONYMS: *major*, *terminus*.

COMMENTS: Formerly included in *C. sphinx*, but see Hill (1983).

Dobsonia Palmer, 1898. Proc. Biol. Soc. Washington, 12:114.

TYPE SPECIES: *Cephalotes peroni* E. Geoffroy, 1810.

COMMENTS: Reviewed by Jong and Bergmans (1981).

Dobsonia beauforti Bergmans, 1975. Beaufortia, 23(295):3.

TYPE LOCALITY: Indonesia, Irian Jaya, So Rong Div., Waigeo Isl, Njanjef.

DISTRIBUTION: Waigeo Isl (off west end of New Guinea).

COMMENTS: Closely related to *viridis* (see Bergmans, 1975).

Dobsonia chapmani Rabor, 1952. Nat. Hist. Misc., Chicago Acad. Sci., 96:2.

TYPE LOCALITY: Philippines, Negros, Bais, Pagabonin.

DISTRIBUTION: Philippines.

STATUS: IUCN - Extinct?; probably extinct.

COMMENTS: See Bergmans (1978) for taxonomic status.

Dobsonia emersa Bergmans and Sarbini, 1985. Beaufortia, 34:185.

TYPE LOCALITY: New Guinea, Irian Jaya, Biak, Sorido.

DISTRIBUTION: Biak and Owii Isls (in Geelvink Bay).

Dobsonia exoleta K. Andersen, 1909. Ann. Mag. Nat. Hist., ser. 8, 4:533.

TYPE LOCALITY: Indonesia, Sulawesi, Minahassa, Tomohon.

DISTRIBUTION: Sulawesi and adjacent small islands.

Dobsonia inermis K. Andersen, 1909. Ann. Mag. Nat. Hist., ser. 8, 4:532.

TYPE LOCALITY: Solomon Isls, San Cristobal Isl.

DISTRIBUTION: Solomon Isls.

SYNONYMS: *minimus*, *nesea*.

Dobsonia minor (Dobson, 1879). Proc. Zool. Soc. Lond., 1878:875 [1879].

TYPE LOCALITY: Indonesia, Irian Jaya, Manokwari Div., Amberbaki.

DISTRIBUTION: C and W New Guinea and adjacent small islands; Sulawesi.

STATUS: IUCN - Insufficiently known.

Dobsonia moluccensis (Quoy and Gaimard, 1830). In d'Urville, Voy...de Astrolabe, Zool., 1(L'Homme, Mamm. Oiseaux):86.

TYPE LOCALITY: Indonesia, Molucca Isls, Amboina Isl.

DISTRIBUTION: Bismarck Arch.; New Guinea; Aru Isls, Batanta, and Mysol (off W New Guinea) and Molucca Isls (including Waigeo Isl); N Queensland (Australia).

SYNONYMS: *anderseni*, *magna*.

COMMENTS: Does not include *pannietensis* (see Bergmans, 1979). Includes *anderseni* and *magna*; see Koopman (1979:6), but see also Bergmans and Sarbini (1985).

Dobsonia pannietensis (De Vis, 1905). Ann. Queensl. Mus., 6:36.

TYPE LOCALITY: Papua New Guinea, Louisiade Arch., Panniet Isl.

DISTRIBUTION: Louisiade Arch., D'Entrecasteaux Isls, and Trobriand Isls (Papua New Guinea).

SYNONYMS: *remota*.

COMMENTS: Considered a subspecies of *moluccensis* by Laurie and Hill (1954:42), but as a separate species by Bergmans (1979). Includes *remota* (see Koopman, 1982:6). A record of *remota* from Bougainville Isl is based on a misidentified *inermis* (see Bergmans, 1979).

Dobsonia peroni (E. Geoffroy, 1810). Ann. Mus. Hist. Nat. Paris, 15:104.

TYPE LOCALITY: Indonesia, Lesser Sunda Isls, Timor.

DISTRIBUTION: Sumba, Timor, Flores, Sumbawa, Nusa Penida (near Bali), Komodo, Alor, Wetar, Babar (Indonesia).

SYNONYMS: *grandis*, *sumbanus*.

COMMENTS: Reviewed by Bergmans (1978).

Dobsonia praedatrix K. Andersen, 1909. Ann. Mag. Nat. Hist., ser. 8, 4:532.

TYPE LOCALITY: Papua New Guinea, Bismarck Arch., "Duke of York group".

DISTRIBUTION: Bismarck Arch.

Dobsonia viridis (Heude, 1896). Mem. Hist. Nat. Emp. Chin., 3:176.

TYPE LOCALITY: Indonesia, Molucca Isls, Kei Isls.

DISTRIBUTION: Sulawesi, Muluccas, and nearby islands.

SYNONYMS: *crenulata*, *umbrosa*.

COMMENTS: Does not include *chapmani* (see Bergmans, 1978:12). Includes *crenulata* (see Hill, 1991:171); but see Bergmans and Rozendaal (1988:33).

Dyacopecterus K. Andersen, 1912. Cat. Chiroptera Brit. Mus., 1:651.

TYPE SPECIES: *Cynopterus spadiceus* Thomas, 1890.

Dyacopecterus spadiceus (Thomas, 1890). Ann. Mag. Nat. Hist., ser. 6, 5:235.

TYPE LOCALITY: Malaysia, Sarawak, Baram.

DISTRIBUTION: Sumatra; Borneo; W Malaysia; Luzon and Mindanao (Philippines).

STATUS: IUCN - Insufficiently known.

SYNONYMS: *brooksi*.

COMMENTS: Includes *brooksi*; see Hill (1961a) and Kock (1969b); but also see Peterson (1969).

Eidolon Rafinesque, 1815. Analyse de la Nature, p. 54.

TYPE SPECIES: *Vespertilio vampyrus helvus* Kerr, 1792.

COMMENTS: Revised by Bergmans (1990).

Eidolon dupreanum (Schlegel, 1867). Proc. Zool. Soc. Lond., 1866:419 [1877].

TYPE LOCALITY: Madagascar, Nossi Bé.

DISTRIBUTION: Madagascar.

COMMENTS: See comments under *E. helvum*.

Eidolon helvum (Kerr, 1792). In Linnaeus, Anim. Kingdom, 1(1):xvii, 91.

TYPE LOCALITY: Senegal.

DISTRIBUTION: Senegal to Ethiopia to South Africa; SW Arabia; islands in Guinea Gulf and off E Africa.

SYNONYMS: *buettikoferi*, *leucomelas*, *mollipilosus*, *paleaceus*, *palmarum*, *sabaeum*, *stramineus*.

COMMENTS: Includes *sabaeum*; see Hayman and Hill (1971), who also included *dupreanum*; but also see Bergmans (1990) who retained *dupreanum* as a separate species. See DeFrees and Wilson (1988, Mammalian Species, 312), who also included *dupreanum*.

Epomophorus Bennett, 1836. Proc. Zool. Soc. Lond., 1835:149 [1836].

TYPE SPECIES: *Pteropus gambianus* Ogilby, 1835.

COMMENTS: Revised by Bergmans (1988), who transferred *Micropteropus grandis* to this genus. A key to this genus is presented in Boulay and Robbins (1989).

Epomophorus angolensis Gray, 1870. Cat. Monkeys, Lemurs, Fruit-eating Bats Brit. Mus., p. 125.

TYPE LOCALITY: Angola, Benguella.

DISTRIBUTION: W Angola, NW Namibia.

Epomophorus gambianus (Ogilby, 1835). Proc. Zool. Soc. Lond., 1835:100.

TYPE LOCALITY: Gambia.

DISTRIBUTION: Senegal to W Ethiopia; S Tanzania to Angola and South Africa.

SYNONYMS: *crypturus*, *epomophorus*, *guineensis*, *macrocephalus*, *megacephalus*, *parvus*, *pousarguesi*, *reii*, *whitei*, *zечи*.

COMMENTS: See Boulay and Robbins (1989, Mammalian Species, 344).

Epomophorus grandis (Sanborn, 1950). Publ. Cult. Comp. Diamantes Angola, 10:55.

TYPE LOCALITY: Angola, Lunda, Dundo.

DISTRIBUTION: N Angola, S Congo Republic.

COMMENTS: Transferred from *Micropteropus* to *Epomophorus* by Bergmans (1988).

Epomophorus labiatus (Temminck, 1837). Monogr. Mamm., 2:83.

TYPE LOCALITY: Sudan, Blue Nile Prov., Sennar.

DISTRIBUTION: Nigeria to Ethiopia and south to Congo Republic and Malawi. Senegal records are probably erroneous (see Bergmans, 1988).

SYNONYMS: *anurus*, *doriae*, *minor*, *schoensis*.

COMMENTS: Includes *anurus* and *minor*; see Claessen and Vree (1991), but see also Bergmans (1988).

Epomophorus minimus Claessen and Vree, 1991. Senckenberg. Biol., 71:216.

TYPE LOCALITY: Ethiopia, Shewa, Bahadv.

DISTRIBUTION: Ethiopia to Uganda and Tanzania.

COMMENTS: Included in *E. minor* by Bergmans (1988).

Epomophorus wahlbergi (Sundevall, 1846). Ofv. Kongl. Svenska Vet.-Akad. Forhandl. Stockholm, 3(4):118.

TYPE LOCALITY: South Africa, Natal, near Durban.

DISTRIBUTION: Cameroon to Somalia, south to Angola and South Africa (Liberian record probably erroneous); Pemba and Zanzibar Isls.

SYNONYMS: *haldemani*, *neumanni*, *stuhlmanni*, *zenkeri*.

COMMENTS: Reviewed by Acharya (1992, Mammalian Species, 394).

Epomops Gray, 1870. Cat. Monkeys, Lemurs, Fruit-eating Bats Brit. Mus., p. 126.

TYPE SPECIES: *Epomophorus franqueti* Tomes, 1860.

COMMENTS: Reviewed by Bergmans (1989).

Epomops buettikoferi (Matschie, 1899). Megachiroptera Berlin Mus., p. 45.

TYPE LOCALITY: Liberia, Junk River, Schlieffelinville.

DISTRIBUTION: Guinea to Nigeria.

Epomops dobsoni (Bocage, 1899). J. Sci. Math. Phys. Nat. Lisboa, ser. 2, 1:1.

TYPE LOCALITY: Angola, Benguela, Quindumbo.

DISTRIBUTION: Angola to Rwanda, Tanzania, Malawi, and N Botswana.

- Epomops franqueti* (Tomes, 1860). Proc. Zool. Soc. Lond., 1860:54.
 TYPE LOCALITY: Gabon.
 DISTRIBUTION: Ivory Coast to Sudan, Uganda, NW Tanzania, N Zambia, and Angola.
 SYNONYMS: *comptus*, *strepitans*.
- Haplonycteris* Lawrence, 1939. Bull. Mus. Comp. Zool., 86:31.
 TYPE SPECIES: *Haplonycteris fischeri* Lawrence, 1939.
- Haplonycteris fischeri* Lawrence, 1939. Bull. Mus. Comp. Zool., 86:33
 TYPE LOCALITY: Philippines, Mindoro, Mt. Halcyon.
 DISTRIBUTION: Philippines.
- Harpionycteris* Thomas, 1896. Ann. Mag. Nat. Hist., ser. 6, 18:243.
 TYPE SPECIES: *Harpionycteris whiteheadi* Thomas, 1896.
- Harpionycteris celebensis* Miller and Hollister, 1921. Proc. Biol. Soc. Washington, 34:99.
 TYPE LOCALITY: Indonesia, Sulawesi, middle Sulawesi, Gimpoe.
 DISTRIBUTION: Sulawesi.
 COMMENTS: Considered a subspecies of *whiteheadi* by Laurie and Hill (1954), but as a separate species by Peterson and Fenton (1970).
- Harpionycteris whiteheadi* Thomas, 1896. Ann. Mag. Nat. Hist., ser. 6, 18:244.
 TYPE LOCALITY: Philippines, Mindoro Isl, 5000 ft. (1524 m).
 DISTRIBUTION: Philippines.
 SYNONYMS: *negrosensis*.
- Hypsignathus* H. Allen, 1861. Proc. Acad. Nat. Sci. Philadelphia, p. 156.
 TYPE SPECIES: *Hypsignathus monstrosus* H. Allen, 1861.
 COMMENTS: Revised by Bergmans (1989).
- Hypsignathus monstrosus* H. Allen, 1861. Proc. Acad. Nat. Sci. Philadelphia, p. 157.
 TYPE LOCALITY: Gabon.
 DISTRIBUTION: Sierra Leone to W Kenya, south to Zambia and Angola; Bioko. Records from Gambia and Ethiopia are doubtful.
 SYNONYMS: *labrosus*.
 COMMENTS: See Langevin and Barclay (1990, Mammalian Species, 357).
- Latidens* Thonglongya, 1972. J. Bombay Nat. Hist. Soc., 69:151.
 TYPE SPECIES: *Latidens salimalii* Thonglongya, 1972.
- Latidens salimalii* Thonglongya, 1972. J. Bombay Nat. Hist. Soc., 69:153.
 TYPE LOCALITY: India, Tamil Nadu, Madurai Dist., High Wavy Mtns, 2,500 ft. (762 m).
 DISTRIBUTION: S India (known only by the type specimen).
 STATUS: IUCN - Insufficiently known.
- Megaerops* Peters, 1865. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1865:256.
 TYPE SPECIES: *Pachysoma ecaudata* Temminck, 1837.
- Megaerops ecaudatus* (Temminck, 1837). Monogr. Mamm., 2:94.
 TYPE LOCALITY: Indonesia, Sumatra, Padang.
 DISTRIBUTION: Borneo, Sumatra, W Malaysia, Thailand, perhaps Vietnam.
- Megaerops kusnotoi* Hill and Boedi, 1978. Mammalia, 42:427.
 TYPE LOCALITY: Indonesia, Java, Sukabumi, Lengkong, Hanjuang Ciletuh, 700 m.
 DISTRIBUTION: Java.
 STATUS: IUCN - Insufficiently known.
- Megaerops niphanae* Yenbutra and Felten, 1983. Senckenberg. Biol., 64:2.
 TYPE LOCALITY: Thailand, Nakhon Ratchasima, Amphoe Pak Thong Chai.
 DISTRIBUTION: Thailand, Vietnam, NE India.
- Megaerops wetmorei* Taylor, 1934. Monogr. Bur. Sci. Manila, p. 191.
 TYPE LOCALITY: Philippines, Mindanao, Cotabato, Tatayan.
 DISTRIBUTION: Philippines, Borneo, W Malaysia.

SYNONYMS: *albicollis*.

Micropteropus Matschie, 1899. Megachiroptera Berlin Mus., p. 36, 57.

TYPE SPECIES: *Epomophorus pusillus* Peters, 1867.

COMMENTS: Revised by Bergmans (1989), who transferred *grandis* from this genus to *Epomophorus*.

Micropteropus intermedius Hayman, 1963. Publ. Cult. Comp. Diamantes Angola, 66:100.

TYPE LOCALITY: Angola, Lunda, Dundo.

DISTRIBUTION: N Angola, SE Zaire.

Micropteropus pusillus (Peters, 1867). Monatsb. K. Preuss. Akad. Wiss. Berlin, 1867:870.

TYPE LOCALITY: Nigeria, Yoruba (see Bergmans, 1989).

DISTRIBUTION: Gambia to Ethiopia, south to Angola, Zambia, Burundi, and Tanzania.

Myonycteris Matschie, 1899. Megachiroptera Berlin Mus., p. 61, 63.

TYPE SPECIES: *Cynonycteris torquata* Dobson, 1878.

COMMENTS: Revised by Bergmans (1976).

Myonycteris brachycephala (Bocage, 1889). J. Sci. Math. Phys. Nat. Lisboa, ser. 2, 1:198.

TYPE LOCALITY: São Tomé and Príncipe, São Tomé Isl.

DISTRIBUTION: São Tomé Isl (Gulf of Guinea).

COMMENTS: Subgenus *Phrygetis*.

Myonycteris relicta Bergmans, 1980. Zool. Meded. Rijks. Mus. Nat. Hist. Leiden, 14:126.

TYPE LOCALITY: Kenya, Coast Prov., Shimba Hills, Lukore area, Mukanda River.

DISTRIBUTION: Shimba Hills, Kenya; Nguru and Usambara Mtns, Tanzania.

COMMENTS: Subgenus *Myonycteris*.

Myonycteris torquata (Dobson, 1878). Cat. Chiroptera Brit. Mus., p. 71, 76.

TYPE LOCALITY: N Angola.

DISTRIBUTION: Sierra Leone to Uganda, south to Angola and Zambia; Bioko.

SYNONYMS: *leptodon*, *wroughtoni*.

COMMENTS: Subgenus *Myonycteris*. Includes *leptodon* and *wroughtoni*; see Hayman and Hill (1971).

Nanonycteris Matschie, 1899. Megachiroptera Berlin Mus., p. 36, 58.

TYPE SPECIES: *Epomophorus veldkampii* Jentink, 1888.

COMMENTS: Revised by Bergmans (1989).

Nanonycteris veldkampii (Jentink, 1888). Notes Leyden Mus., 10:51.

TYPE LOCALITY: Liberia, Fisherman Lake, Buluma.

DISTRIBUTION: Guinea to Central African Republic.

Neopteryx Hayman, 1946. Ann. Mag. Nat. Hist., ser. 11, 12:569.

TYPE SPECIES: *Neopteryx frosti* Heyman, 1946.

Neopteryx frosti Hayman, 1946. Ann. Mag. Nat. Hist., ser. 11, 12:571.

TYPE LOCALITY: Indonesia, W Sulawesi, Tamalanti, 3,300 ft. (1,006 m).

DISTRIBUTION: W and N Sulawesi.

Nyctimene Borkhausen, 1797. Deutsche Fauna, 1:86.

TYPE SPECIES: *Vespertilio cephalotes* Pallas, 1767.

Nyctimene aello (Thomas, 1900). Ann. Mag. Nat. Hist., ser. 7, 5:216.

TYPE LOCALITY: Papua New Guinea, Milne Bay Prov., Milne Bay.

DISTRIBUTION: New Guinea.

COMMENTS: Does not include *celaeno*; see Hill (1983).

Nyctimene albiventer (Gray, 1863). Proc. Zool. Soc. Lond., 1862:262 [1863].

TYPE LOCALITY: Indonesia, Molucca Isls, Morotai Isl.

DISTRIBUTION: New Guinea, Molucca and Kei Isls, Solomon Isls, N Queensland (Australia), Bismarck Arch.

SYNONYMS: *papuanus*.

COMMENTS: Formerly included *draconilla*; see Hill (1983:132). Does not include *bougainville*, which Smith and Hood (1983) placed in *vizcaccia*. Includes *papuanus*, but see Peterson (1991).

Nyctimene celaeno Thomas, 1922. Ann. Mag. Nat. Hist., ser. 9, 9:283.

TYPE LOCALITY: New Guinea, Irian Jaya, Geelvink Bay, Legarar River.

DISTRIBUTION: Known only from the type locality; a Halmahera record is incorrect.

COMMENTS: Formerly included in *N. aello* but see Hill (1983).

Nyctimene cephalotes (Pallas, 1767). Spicil. Zool., 3:10.

TYPE LOCALITY: Indonesia, Molucca Isls, Amboina; see Andersen (1912:707) for discussion.

DISTRIBUTION: Sulawesi, Timor, Molucca Isls, and Numfoor Isl (off N coast New Guinea); extreme S New Guinea.

SYNONYMS: *melinus*, *pallasi*.

COMMENTS: Does not include *vizcaccia*; see Smith and Hood (1983).

Nyctimene certans Andersen, 1912. Ann. Mag. Nat. Hist., ser. 9, 8:95.

TYPE LOCALITY: New Guinea, Irian Jaya, Mount Goliath.

DISTRIBUTION: New Guinea.

COMMENTS: Formerly included in *N. cyclotis* but see Peterson (1991).

Nyctimene cyclotis K. Andersen, 1910. Ann. Mag. Nat. Hist., ser. 7, 6:623.

TYPE LOCALITY: Indonesia, Irian Jaya, Manokwari Div., Arfak Mtns.

DISTRIBUTION: New Guinea; New Britain (Bismarck Arch.).

COMMENTS: Formerly included *certans*, but see Peterson (1991).

Nyctimene draconilla Thomas, 1922. Nova Guinea, 13:725.

TYPE LOCALITY: Indonesia, Irian Jaya, Southern Div., Lorentz River, Bivak Isl.

DISTRIBUTION: New Guinea.

COMMENTS: Considered a subspecies of *albiventer* by Laurie and Hill (1954:46), but also see Hill (1983) and Koopman (1982).

Nyctimene major (Dobson, 1877). Proc. Zool. Soc. Lond., 1877:117.

TYPE LOCALITY: Papua New Guinea, Bismarck Arch., Duke of York Isl.

DISTRIBUTION: D'Entrecasteaux Isls, Trobriand Isls, Bismarck and Louisiade Archs. (Papua New Guinea), Solomon Isls, and small islands off the north coast of New Guinea. A New Guinea mainland record is almost certainly erroneous; see Koopman (1979).

SYNONYMS: *geminus*, *lullulae*, *scitulus*.

Nyctimene malaitensis Phillips, 1968. Univ. Kansas Publ. Mus. Nat. Hist., 16:822.

TYPE LOCALITY: Solomon Isls, Malaita Isl.

DISTRIBUTION: Malaita Isl (Solomon Isls).

Nyctimene masalai Smith and Hood, 1983. Occas. Pap. Mus. Texas Tech Univ., p. 1.

TYPE LOCALITY: Bismarcks, New Ireland, Ralum.

DISTRIBUTION: New Ireland (Bismarck Arch.).

Nyctimene minutus K. Andersen, 1910. Ann. Mag. Nat. Hist., ser. 7, 6:622.

TYPE LOCALITY: Indonesia, Sulawesi, Minahassa, Tondano.

DISTRIBUTION: Sulawesi, C Moluccas.

SYNONYMS: *varius*.

Nyctimene rabori Heaney and Peterson, 1984. Occas. Pap. Mus. Zool. Univ. Michigan, 7083.

TYPE LOCALITY: Philippines, Negros, Sibulan, Lake Balinsasayo.

DISTRIBUTION: Known only from Negros Isl.

STATUS: IUCN - Endangered.

Nyctimene robinsoni Thomas, 1904. Ann. Mag. Nat. Hist., ser. 7, 14:196.

TYPE LOCALITY: Australia, Queensland, Cooktown.

DISTRIBUTION: E Queensland (Australia).

SYNONYMS: *tryoni*.

Nyctimene sanctacrucis Troughton, 1931. Proc. Linn. Soc. N.S.W., 56:206.

TYPE LOCALITY: Solomon Isls, Santa Cruz Isls.

DISTRIBUTION: Santa Cruz Isls.

Nyctimene vizcaccia Thomas, 1914. Ann. Mag. Nat. Hist., ser. 8, 13:436.

TYPE LOCALITY: New Guinea, Umboi Isl (off NE coast)

DISTRIBUTION: Umboi Isl, Bismarck Arch., Solomon Isls.

SYNONYMS: *bougainville*, *minor*.

COMMENTS: Includes *bougainville*; see Smith and Hood (1983). Includes *minor*, but see Peterson (1991). Formerly included in *N. cephalotes*, but see Smith and Hood (1983).

Otopteropus Kock, 1969. Senckenberg. Biol., 50:329.

TYPE SPECIES: *Otopteropus cartilagonodus* Kock, 1969.

Otopteropus cartilagonodus Kock, 1969. Senckenberg. Biol., 50:333.

TYPE LOCALITY: Philippines, Luzon, Mountain Prov., Sitio Pactil.

DISTRIBUTION: Luzon (Philippines).

STATUS: IUCN - Insufficiently known.

Paranyctimene Tate, 1942. Am. Mus. Novit., 1204:1.

TYPE SPECIES: *Paranyctimene raptor* Tate, 1924.

Paranyctimene raptor Tate, 1942. Am. Mus. Novit., 1204:1.

TYPE LOCALITY: Papua New Guinea, Western Prov., Fly River, Oroville Camp. (ca. 4 mi. (6 km) below Elavala River mouth).

DISTRIBUTION: New Guinea.

Penthetor K. Andersen, 1912. Cat. Chiroptera Brit. Mus., p. 665.

TYPE SPECIES: *Cynopterus (Ptenochirus) lucasi* Dobson, 1880.

Penthetor lucasi (Dobson, 1880). Ann. Mag. Nat. Hist., ser. 5, 6:163.

TYPE LOCALITY: Malaysia, Sarawak.

DISTRIBUTION: W Malaysia, Borneo, Riau Arch. (Indonesia).

Plerotes K. Andersen, 1910. Ann. Mag. Nat. Hist., ser. 8, 5:97.

TYPE SPECIES: *Epomophorus anchietae* Seabra, 1900.

COMMENTS: Revised by Bergmans (1989).

Plerotes anchietae (Seabra, 1900). J. Sci. Math. Phys. Nat. Lisboa, ser. 2, 6:116.

TYPE LOCALITY: Angola, Benguela, Galanga.

DISTRIBUTION: Angola, Zambia, S Zaire.

Ptenochirus Peters, 1861. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1861:707.

TYPE SPECIES: *Pachysoma (Ptenochirus) jagori* Peters, 1861.

Ptenochirus jagori (Peters, 1861). Monatsb. K. Preuss. Akad. Wiss. Berlin, 1861:707.

TYPE LOCALITY: Philippines, Luzon, Albay, Daraga.

DISTRIBUTION: Philippines.

Ptenochirus minor Yoshiyuki, 1979. Bull. Natl. Sci. Mus. Tokyo, Ser. A (Zool.), 5:75.

TYPE LOCALITY: Philippines, Mindanao, Davao, Mt. Talomo, Baracatan.

DISTRIBUTION: Philippines.

Pteralopex Thomas, 1888. Ann. Mag. Nat. Hist., ser. 6, 1:155.

TYPE SPECIES: *Pteralopex atrata* Thomas, 1888.

COMMENTS: Reviewed by Hill and Beckon (1978), with a key to the species.

Pteralopex acrodonta Hill and Beckon, 1978. Bull. Brit. Mus. (Nat. Hist.) Zool., 34:68.

TYPE LOCALITY: Fiji Isls, Taveuni Isl, Des Voeux Peak, ca. 3,840 ft. (1,170 m).

DISTRIBUTION: Fiji Isls.

Pteralopex anceps K. Andersen, 1909. Ann. Mag. Nat. Hist., ser. 7, 3:266.

TYPE LOCALITY: Papua New Guinea, Bougainville Isl.

DISTRIBUTION: Buka, Bougainville and Choiseul Isls (Solomon Isls).

Pteralopex atrata Thomas, 1888. Ann. Mag. Nat. Hist., ser. 6, 1:155.

TYPE LOCALITY: Solomon Isls, Guadalcanal, Aola.

DISTRIBUTION: Ysabel and Guadalcanal (Solomon Isls).

COMMENTS: Does not include *anceps*; see Hill and Beckon (1978:67, 68).

Pteralopex pulchra Flannery, 1991. Austr. Mus., 43:125.

TYPE LOCALITY: Solomon Isls, Guadalcanal, Mount Makarakomburu, 1230 m.

DISTRIBUTION: Known only by the holotype.

Pteropus Erxleben, 1777. Syst. Regni Anim., p. 130.

TYPE SPECIES: *Vespertilio vampirus niger* Kerr, 1792.

COMMENTS: Originally named *Pteropus* by Brisson, 1762, in *Regnum Animale*, which is not available (Hopwood, 1947). Formerly included *arquatus* and *leucotis* which were transferred to *Acerodon* by Musser et al. (1982a).

Pteropus admirabilitatum Thomas, 1894. Ann. Mag. Nat. Hist., ser. 6, 13:293.

TYPE LOCALITY: Papua New Guinea, Bismarck Arch., Admiralty Isls.

DISTRIBUTION: Solomon Isls; Admiralty Isls, New Britain, and Tabar Isls (Bismarck Arch.).

STATUS: CITES - Appendix II.

SYNONYMS: *colonus*, *goweri*, *solomonis* (see Laurie and Hill, 1954:33).

Pteropus aldabrensis True, 1893. Proc. U.S. Natl. Mus., 16:533.

TYPE LOCALITY: Seychelles, Aldabra Isl.

DISTRIBUTION: Known only from the type locality.

STATUS: CITES - Appendix II; IUCN - Vulnerable as *P. s. aldabrensis*.

COMMENTS: Included in *P. seychellensis* by Hill (1971b), but see Bergmans (1990).

Pteropus alecto Temminck, 1837. Monogr. Mamm., 2:75.

TYPE LOCALITY: Indonesia, Sulawesi, Manado.

DISTRIBUTION: Sulawesi, Saleyer Isl, Lombok, Bawean Isl, Kangean Isls, Sumba Isl, and Savu Isl (Indonesia); N and E Australia; S New Guinea.

STATUS: CITES - Appendix II.

SYNONYMS: *aterrimus*, *baveanus*, *gouldi*, *morio*.

COMMENTS: Includes *gouldi*; see Tate (1942b:336, 337).

Pteropus anetianus Gray, 1870. Cat. Monkeys, Lemurs, Fruit-eating Bats Brit. Mus., p. 101.

TYPE LOCALITY: Vanuatu (= New Hebrides), Aneiteum (= Aneityum).

DISTRIBUTION: Vanuatu (= New Hebrides) including Banks Isls.

STATUS: CITES - Appendix II.

SYNONYMS: *aorensis*, *bakeri*, *banksiana*, *eotinus*, *motalavae*, *pastoris*.

COMMENTS: Includes *eotinus*, *bakeri*, and *banksiana*; see Felten and Kock (1972:182-185).

Pteropus argentatus Gray, 1844. Mammalia, in Voy. "Sulphur", Zool., 1:30.

TYPE LOCALITY: Indonesia, Moluccas Isls, Amboina Isl (uncertain).

DISTRIBUTION: Perhaps Amboina Isl.

STATUS: CITES - Appendix II.

COMMENTS: Uncertain status; known only by the type. Sulawesi specimens were allocated to *Acerodon celebensis* by Musser et al. (1982a).

Pteropus brunneus Dobson, 1878. Cat. Chiroptera Brit. Mus., p. 37.

TYPE LOCALITY: Australia, Queensland, Percy Island.

DISTRIBUTION: Known from the type locality only.

STATUS: CITES - Appendix II.

COMMENTS: See Koopman (1984c:2-3) for status.

Pteropus caniceps Gray, 1870. Cat. Monkeys, Lemurs, Fruit-eating Bats Brit. Mus., p. 107.

TYPE LOCALITY: Indonesia, Molucca Isls, Halmahera Isls, Batjan.

DISTRIBUTION: Halmahera Isls, Sulawesi, and Sula Isls (Indonesia). The Sulawesi record is dubious. A Sangihe Isl record is erroneous.

STATUS: CITES - Appendix II.

SYNONYMS: *affinis*, *batchiana*, *dobsoni*.

COMMENTS: Includes *dobsoni*; see Laurie and Hill (1954:34).

Pteropus chrysoproctus Temminck, 1837. Monogr. Mamm., 2:67.

TYPE LOCALITY: Indonesia, Molucca Isls, Amboina.

DISTRIBUTION: Amboina, Buru, Seram, and small islands east of Seram (Indonesia). A Sangihe Isl record is erroneous; see Bergmans and Rozendaal (1988:65).

STATUS: CITES - Appendix II.

Pteropus conspicillatus Gould, 1850. Proc. Zool. Soc. Lond., 1849:109 [1850].

TYPE LOCALITY: Australia, Queensland, Fitzroy Isl.

DISTRIBUTION: Halmahera Isls; New Guinea and adjacent islands; NE Queensland (Australia).

STATUS: CITES - Appendix II.

SYNONYMS: *chrysauchen*, *mysolensis*.

Pteropus dasymallus Temminck, 1825. Monogr. Mamm., 1:180.

TYPE LOCALITY: Japan, Ryukyu Isls, Kuchinoerabu Isl.

DISTRIBUTION: Taiwan; Ryukyu Isls, Daito Isls and extreme S Kyushu (Japan).

STATUS: CITES - Appendix II.

SYNONYMS: *daitoensis*, *formosus*, *inopinatus*, *yamagatai*, *yayeyamae*.

COMMENTS: Includes *daitoensis*; see Kuroda (1933:314).

Pteropus faunulus Miller, 1902. Proc. U.S. Natl. Mus., 24:785.

TYPE LOCALITY: India, Nicobar Isls, Car Nicobar Isl.

DISTRIBUTION: Nicobar Isls (Bay of Bengal, India).

STATUS: CITES - Appendix II.

Pteropus fundatus Felten and Kock, 1972. Senckenberg. Biol., 53:186.

TYPE LOCALITY: Vanuatu (= New Hebrides), Banks Isls, Mota Isl.

DISTRIBUTION: Banks Isls (N Vanuatu).

STATUS: CITES - Appendix II.

Pteropus giganteus (Brünnich, 1782). Dyrenes Historie, 1:45.

TYPE LOCALITY: India, Bengal.

DISTRIBUTION: Maldive Isls, India (incl. Andaman Isls), Sri Lanka, Pakistan, Burma, Tsinghai (China). The Tsinghai record requires confirmation.

STATUS: CITES - Appendix II.

SYNONYMS: *ariel*, *assamensis*, *kelaarti*, *leucocephalus*, *medius*.

COMMENTS: Includes *ariel*; see Hill (1958:5, 6).

Pteropus gilliardi Van Deusen, 1969. Am. Mus. Novit., 2371:5.

TYPE LOCALITY: Papua New Guinea, Bismarck Arch., New Britain, Whiteman Mtns, Wild Dog Ridge, ca. 1,600 m.

DISTRIBUTION: New Britain Isl (Bismarck Arch.).

STATUS: CITES - Appendix II.

Pteropus griseus (E. Geoffroy, 1810). Ann. Mus. Hist. Nat. Paris, 15:94.

TYPE LOCALITY: Indonesia, Lesser Sunda Isls, Timor.

DISTRIBUTION: Timor, Samao Isl, Dyampea Isl, Bonerato Isl, Saleyer Isl, Sulawesi, and Banda Isls (Indonesia); perhaps S Luzon (Philippines).

STATUS: CITES - Appendix II.

SYNONYMS: *mimus*, *pallidus*.

COMMENTS: Includes *mimus*; see Laurie and Hill (1954:33).

Pteropus howensis Troughton, 1931. Proc. Linn. Soc. N.S.W., 56:204.

TYPE LOCALITY: Solomon Isls, Ontong Java Isl.

DISTRIBUTION: Ontong Java Isl (Solomon Isls).

STATUS: CITES - Appendix II.

Pteropus hypomelanus Temminck, 1853. Esquisses Zool. sur la Côte de Guine, p. 61.

TYPE LOCALITY: Indonesia, Molucca Isls, Ternate Isl.

DISTRIBUTION: Maldive Isls; New Guinea through Indonesia to Vietnam and Thailand, and adjacent islands; Solomon Isls; Philippines.

STATUS: CITES - Appendix II.

SYNONYMS: *annectens*, *cagayanus*, *canus*, *condorensis*, *enganus*, *fretensis*, *geminorum*, *lepidus*, *luteus*, *macassaricus*, *maris*, *robinsoni*, *simalurus*, *tomesi*, *tricolor*, *vulcanius*.

COMMENTS: Formerly included *brunneus*; see Ride (1970:180); but see Koopman (1984c).

Pteropus insularis Hombron and Jacquinot, 1842. In d'Urville, Voy. Pole Sud. Mammifères, p. 24.

TYPE LOCALITY: Caroline Isls, Truk Isl, Hogoleu (Pac. Isls Trust Terr., USA).

- DISTRIBUTION: Truk Isls (C Caroline Isls).
 STATUS: CITES - Appendix I; IUCN - Endangered.
 SYNONYMS: *laniger*.
- Pteropus leucopterus* Temminck, 1853. Esquisses Zool. sur la Côte de Guine, p. 60.
 TYPE LOCALITY: Philippines.
 DISTRIBUTION: Philippines (known only from Luzon and Dinagat).
 STATUS: CITES - Appendix II.
 SYNONYMS: *chinensis*.
- Pteropus livingstonei* Gray, 1866. Proc. Zool. Soc. Lond., 1866:66.
 TYPE LOCALITY: Comoro Isls, Anjouan Isl.
 DISTRIBUTION: Comoro Isls.
 STATUS: CITES - Appendix II; IUCN - Endangered.
 COMMENTS: See Bergmans (1990).
- Pteropus lombocensis* Dobson, 1878. Cat. Chiroptera Brit. Mus., p. 34.
 TYPE LOCALITY: Indonesia, Lesser Sunda Isls, Lombok Isl.
 DISTRIBUTION: Alor Isl (near Timor), Lombok, and Flores (Indonesia).
 STATUS: CITES - Appendix II.
 SYNONYMS: *heudei*, *solitarius*.
- Pteropus lylei* K. Andersen, 1908. Ann. Mag. Nat. Hist., ser. 8, 2:367.
 TYPE LOCALITY: Thailand, Bangkok.
 DISTRIBUTION: Thailand, Vietnam.
 STATUS: CITES - Appendix II.
- Pteropus macrotis* Peters, 1867. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1867:327.
 TYPE LOCALITY: Indonesia, Aru Isls, Wokam Isl.
 DISTRIBUTION: New Guinea; Aru Isls (Indonesia).
 STATUS: CITES - Appendix II; IUCN - Indeterminate.
 SYNONYMS: *epularius*, *insignis*.
- Pteropus mahaganus* Sanborn, 1931. Field Mus. Nat. Hist. Publ., Zool. Ser., 2:19.
 TYPE LOCALITY: Solomon Isls, Ysabel Isl, Tunnibul.
 DISTRIBUTION: Bougainville and Ysabel Isls (Solomon Isls).
 STATUS: CITES - Appendix II.
- Pteropus mariannus* Desmarest, 1822. Mammalogie, in Encycl. Méth., 2(Suppl.):547.
 TYPE LOCALITY: Marianna Isls, Guam (USA).
 DISTRIBUTION: Mariana Isls and Caroline Isls (including Palau Isls), Ryukyu Isls (Japan).
 STATUS: CITES - Appendix I; U.S. ESA - Endangered in Guam as *P. m. mariannus*; IUCN - Endangered.
 SYNONYMS: *keraudren*, *loochooensis*, *paganensis*, *pelewensis*, *ualanus*, *ulthiensis*, *vanikorensis*, *yapensis*.
 COMMENTS: Includes *loochooensis*, *pelewensis*, *ualanus*, and *yapensis*; see Kuroda (1938). Corbet and Hill (1980:37-38) listed these forms as distinct species without comment; but see Yoshiyuki (1989), who treated *loochooensis* as a separate species. Probably includes *vanikorensis*, see Troughton (1930).
- Pteropus mearnsi* Hollister, 1913. Proc. Biol. Soc. Washington, 26:112.
 TYPE LOCALITY: Philippines, Basilan Isl, Isabella.
 DISTRIBUTION: Mindanao and Basilan Isl (Philippines).
 STATUS: CITES - Appendix II.
 COMMENTS: Probably a synonym of *P. speciosus*; see Heaney et al. (1987).
- Pteropus melanopogon* Peters, 1867. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1867:330.
 TYPE LOCALITY: Indonesia, Molucca Isls, Amboina.
 DISTRIBUTION: Aru Isls, Kei Isls, Amboina, Buru, Seram, Banda Isls, Timor Laut, and adjacent islands (Indonesia). A Sangihe Isl record is erroneous; see Bergmans and Rozendaal (1988:65).
 STATUS: CITES - Appendix II.
 SYNONYMS: *aruensis*, *chrysargyrus*, *fumigatus*, *keyensis*, *rubiginosus*.

- COMMENTS: Does not include *sepikensis*; see Koopman (1979:5). See comment under *neohibernicus*.
- Pteropus melanotus* Blyth, 1863. Cat. Mamm. Mus. Asiat. Soc. Calcutta, p. 20.
 TYPE LOCALITY: India, Nicobar Isls.
 DISTRIBUTION: Nicobar and Andaman Isls (India); Engano Isl and Nias Isl (Indonesia); Christmas Isl.
 STATUS: CITES - Appendix II.
 SYNONYMS: *modiglianii*, *natalis*, *niadicus*, *nicobaricus*, *satyrus*, *tytleri*.
 COMMENTS: Includes *satyrus*; see Hill (1971c:6, 7).
- Pteropus molossinus* Temminck, 1853. Esquisses Zool. sur la Côte de Guine, p. 62.
 TYPE LOCALITY: Caroline Isls, Ponape (Pac. Isls Trust Terr., USA).
 DISTRIBUTION: Mortlock and Ponape Isls (Caroline Isls).
 STATUS: CITES - Appendix I; IUCN - Endangered.
 SYNONYMS: *breviceps*.
- Pteropus neohibernicus* Peters, 1876. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1876:317.
 TYPE LOCALITY: Papua New Guinea, Bismarck Arch., New Ireland Isl.
 DISTRIBUTION: Bismarck Arch. and Admiralty Isls (Papua New Guinea), New Guinea, Mysol and Ghebi Isl.
 STATUS: CITES - Appendix II.
 SYNONYMS: *coronatus*, *degener*, *hilli*, *papuanus*, *sepikensis*.
 COMMENTS: Includes *sepikensis*; see Koopman (1979:5).
- Pteropus niger* (Kerr, 1792). In Linnaeus, Anim. Kingdom, 1:90.
 TYPE LOCALITY: Mascarene Isls, Reunion Isl (France).
 DISTRIBUTION: Mascarene Isls (Reunion Isl, Mauritius Isl, subfossil on Rodriguez Isl).
 STATUS: CITES - Appendix II; IUCN - Vulnerable. Extinct on Reunion Isl, see Cheke and Dahl (1981).
 SYNONYMS: *fuscus*, *mauritanus*, *vulgaris*.
 COMMENTS: See Bergmans (1990).
- Pteropus nitendiensis* Sanborn, 1930. Am. Mus. Novit., 435:2.
 TYPE LOCALITY: Solomon Isls, Santa Cruz Isls, Ndeni Isl.
 DISTRIBUTION: Ndeni Isl (Santa Cruz Isls).
 STATUS: CITES - Appendix II.
- Pteropus ocularis* Peters, 1867. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1867:326.
 TYPE LOCALITY: Indonesia, Molucca Isls, Seram Isl.
 DISTRIBUTION: Seram and Buru (Indonesia).
 STATUS: CITES - Appendix II.
 SYNONYMS: *ceramensis*.
- Pteropus ornatus* Gray, 1870. Cat. Monkeys, Lemurs, Fruit-eating Bats Brit. Mus., p. 105.
 TYPE LOCALITY: New Caledonia, Noumea (France).
 DISTRIBUTION: Loyalty and New Caledonia Isls.
 STATUS: CITES - Appendix II.
 SYNONYMS: *auratus*.
 COMMENTS: Includes *auratus*; see Felten (1964b).
- Pteropus personatus* Temminck, 1825. Monogr. Mamm., 1:189.
 TYPE LOCALITY: Indonesia, Molucca Isls, Ternate.
 DISTRIBUTION: Halmahera Isls (Indonesia). The Sulawesi record is erroneous; see Bergmans and Rozendaal (1988:65).
 STATUS: CITES - Appendix II.
- Pteropus phaeocephalus* Thomas, 1882. Proc. Zool. Soc. Lond., 1881:756 [1882].
 TYPE LOCALITY: Caroline Isls, Mortlock Isl (Pac. Isls Trust Terr., USA).
 DISTRIBUTION: Mortlock Isl (C Caroline Isls).
 STATUS: CITES - Appendix I; IUCN - Endangered.
 COMMENTS: Probably a subspecies of *P. insularis*.
- Pteropus pilosus* K. Andersen, 1908. Ann. Mag. Nat. Hist., ser. 8, 2:369.
 TYPE LOCALITY: Caroline Isls, Palau Isls (Pac. Isls Trust Terr., USA).

- DISTRIBUTION: Palau Isls (Caroline Isls).
STATUS: CITES - Appendix I; IUCN - Extinct; probably extinct.
- Pteropus pohlei* Stein, 1933. Z. Säugetierk., 8:93.
TYPE LOCALITY: Indonesia, Irian Jaya, Tjenderawasih Div., Japen Isl.
DISTRIBUTION: Japen Isl (off NW New Guinea).
STATUS: CITES - Appendix II.
- Pteropus poliocephalus* Temminck, 1825. Monogr. Mamm., 1:179.
TYPE LOCALITY: Australia.
DISTRIBUTION: E Australia, from S Queensland to Victoria.
STATUS: CITES - Appendix II.
- Pteropus pselaphon* Lay, 1829. Zool. J., 4:457.
TYPE LOCALITY: Japan, Bonin Isls.
DISTRIBUTION: Bonin and Volcano Isls (Japan).
STATUS: CITES - Appendix II.
SYNONYMS: *ursinus*.
- Pteropus pumilus* Miller, 1911. Proc. U.S. Natl. Mus., 38:394.
TYPE LOCALITY: Indonesia, Miangas Isl between Talaud Isls and Mindanao.
DISTRIBUTION: Philippines.
STATUS: CITES - Appendix II.
SYNONYMS: *balutus*, *tablasi*.
COMMENTS: Includes *balutus* and *tablasi*; see Klingener and Creighton (1984).
- Pteropus rayneri* Gray, 1870. Cat. Monkeys, Lemurs, Fruit-eating Bats Brit. Mus., p. 108.
TYPE LOCALITY: Solomon Isls, Guadalcanal Isl.
DISTRIBUTION: Solomon Isls.
STATUS: CITES - Appendix II.
SYNONYMS: *cognatus*, *grandis*, *lavellanus*, *monoensis*, *rennelli*, *rubianus*.
COMMENTS: Includes *cognatus*; see Hill (1962a). Corbet and Hill (1980:36) listed *cognatus* as a distinct species without comment.
- Pteropus rodricensis* Dobson, 1878. Cat. Chiroptera Brit. Mus., p. 36.
TYPE LOCALITY: Mascarene Isls, Rodrigues.
DISTRIBUTION: Rodrigues Isl, Round Isl near Mauritius Isl (Mascarene Isls.).
STATUS: CITES - Appendix II; U.S. ESA - Endangered; IUCN - Endangered; extinct on Round Isl.
SYNONYMS: *mascarinus*.
COMMENTS: See Bergmans (1990).
- Pteropus rufus* Tiedemann, 1808. Zool., 1808:535.
TYPE LOCALITY: Madagascar.
DISTRIBUTION: Madagascar.
STATUS: CITES - Appendix II.
SYNONYMS: *edwardsi*, *phaiops*, *princeps*.
COMMENTS: See Bergmans (1990). Commonly cited from "E. Geoffroy, 1803. Cat. Mamm. Mus. Nat. Hist. Nat. Paris, p. 47.", but this work was never published, see Appendix I.
- Pteropus samoensis* Peale, 1848. Mammalia in Repts. U.S. Expl. Surv., 8:20.
TYPE LOCALITY: Samoan Isls, Tutuila Isl (American Samoa).
DISTRIBUTION: Fiji Isls, Samoan Isls.
STATUS: CITES - Appendix I; IUCN - Endangered.
SYNONYMS: *nawaiensis*, *vitiensis*, *whitmei*.
COMMENTS: Includes *nawaiensis*; see Hill and Beckon (1978:65).
- Pteropus sanctacrucis* Troughton, 1930. Rec. Aust. Mus., 18:3.
TYPE LOCALITY: Solomon Isls, Santa Cruz Isls, Ndeni Isl.
DISTRIBUTION: Santa Cruz Isls.
STATUS: CITES - Appendix II.
- Pteropus scapulatus* Peters, 1862. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1862:574.
TYPE LOCALITY: Australia, Queensland, Cape York.

- DISTRIBUTION: Australia, S New Guinea, accidental on New Zealand.
 STATUS: CITES - Appendix II.
 SYNONYMS: *elseyi*.
- Pteropus seychellensis* Milne-Edwards, 1877. Bull. Sci. Soc. Philom. Paris, ser. 7, 2:221.
 TYPE LOCALITY: Seychelle Isls, Mahe Isl.
 DISTRIBUTION: Seychelle Isls, Aldabra Isl, Comoro Isls, Mafia Isl (off Tanzania).
 STATUS: CITES - Appendix II.
 SYNONYMS: *comorensis*.
 COMMENTS: Includes *comorensis*; see Hill (1971b:574), who also included *aldabrensis*; but see Bergmans (1990) who kept *aldabrensis* as a separate species.
- Pteropus speciosus* K. Andersen, 1908. Ann. Mag. Nat. Hist., ser. 8, 2:364.
 TYPE LOCALITY: Philippines, Malanipa Isl (off west end of Mindanao).
 DISTRIBUTION: Sulu Arch., Basilan and Mindanao (Philippines); Solombo Besar and Mata Siri (Java Sea); Talaut Isls.
 STATUS: CITES - Appendix II.
- Pteropus subniger* (Kerr, 1792). In Linnaeus, Anim. Kingdom, p. 91.
 TYPE LOCALITY: Mascarene Isls, Reunion Isl (France).
 DISTRIBUTION: Reunion and Mauritius Isls (Mascarene Isls).
 STATUS: CITES - Appendix II; IUCN - Extinct; probably extinct, see Cheke and Dahl (1981).
 SYNONYMS: *collaris*, *ruber*, *rubidum*, *rubricollis*, *torquatus*.
 COMMENTS: See Bergmans (1990).
- Pteropus temmincki* Peters, 1867. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1867:331.
 TYPE LOCALITY: Indonesia, Molucca Isls, Amboina Isl; see Andersen (1912:318) for clarification.
 DISTRIBUTION: Buru, Amboina, Seram (Indonesia); Bismarck Arch. (Papua New Guinea); nearby small islands; perhaps Timor Isl (Indonesia).
 STATUS: CITES - Appendix II.
 SYNONYMS: *capistratus*, *liops*, *petersi*.
- Pteropus tokudae* Tate, 1934. Am. Mus. Novit., 713:1.
 TYPE LOCALITY: Mariana Isls, Guam (USA).
 DISTRIBUTION: Known only from Guam.
 STATUS: CITES - Appendix II; U.S. ESA - Endangered; IUCN - Extinct; probably extinct.
- Pteropus tonganus* Quoy and Gaimard, 1830. In d'Urville, Voy...de Astrolabe, Zool., 1(L'Homme, Mamm., Oiseaux):74.
 TYPE LOCALITY: Tonga Isls, Tongatapu Isl.
 DISTRIBUTION: Karkar Isl (off NE New Guinea) and Rennell Isl (Solomon Isls), south to New Caledonia, east to Cook Isls.
 STATUS: CITES - Appendix I; IUCN - Indeterminate.
 SYNONYMS: *basiliscus*, *flavicollis*, *geddiei*, *heffernani*.
 COMMENTS: Includes *geddiei*; see Sanborn (1931:14) and Felten and Kock (1972:180-181).
- Pteropus tuberculatus* Peters, 1869. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1869:393.
 TYPE LOCALITY: Solomon Isls, Santa Cruz Isls, Vanikoro Isl.
 DISTRIBUTION: Vanikoro Isl (Santa Cruz Isls).
 STATUS: CITES - Appendix II.
 COMMENTS: Reviewed by Troughton (1927).
- Pteropus vampyrus* (Linnaeus, 1758). Syst. Nat., 10th ed., 1:31.
 TYPE LOCALITY: Indonesia, Java.
 DISTRIBUTION: Indochina, Malay Peninsula, Borneo, Philippines, Sumatra, Java, and Lesser Sunda Isls, adjacent small islands.
 STATUS: CITES - Appendix II.
 SYNONYMS: *celaeno*, *edulis*, *funereus*, *intermedius*, *javanicus*, *kopangi*, *lanensis*, *malaccensis*, *natunae*, *pluton*, *pteronotus*, *sumatrensis*.
 COMMENTS: Includes *intermedius*; see Lekagul and McNeely (1977:77). Corbet and Hill (1980:37) listed *intermedius* as a distinct species without comment.

- Pteropus vetulus* Jouan, 1863. Mem. Soc. Imp. Sci. Nat. Cherbourg, 9:90.
 TYPE LOCALITY: New Caledonia (France).
 DISTRIBUTION: New Caledonia.
 STATUS: CITES - Appendix II.
 SYNONYMS: *germaini*, *macmillani*.
 COMMENTS: Includes *macmillani*; see Felten (1964b:671).
- Pteropus voeltzkowi* Matschie, 1909. Sitzb. Ges. Naturf. Fr. Berlin, p. 486.
 TYPE LOCALITY: Tanzania, Pemba Isl, Fufuni.
 DISTRIBUTION: Pemba Isl (off coast of Tanzania).
 STATUS: CITES - Appendix II; IUCN - Endangered.
 COMMENTS: See Bergmans (1990).
- Pteropus woodfordi* Thomas, 1888. Ann. Mag. Nat. Hist., ser. 6, 1:156.
 TYPE LOCALITY: Solomon Isls, Guadalcanal Isl, Aola.
 DISTRIBUTION: Fauro Isl to Guadalcanal Isl (Solomon Isls).
 STATUS: CITES - Appendix II.
 SYNONYMS: *austini*.
- Rousettus* Gray, 1821. London Med. Repos., 15:299.
 TYPE SPECIES: *Pteropus aegyptiacus* E. Geoffroy, 1810.
 SYNONYMS: *Lissonycteris*, *Stenonycteris*.
 COMMENTS: Includes *Lissonycteris*; see Koopman (1975:361-362). Corbet and Hill (1980:36) listed *Lissonycteris* as a distinct genus without comment.
- Rousettus aegyptiacus* (E. Geoffroy, 1810). Ann. Mus. Hist. Nat. Paris, 15:96.
 TYPE LOCALITY: Egypt, Giza.
 DISTRIBUTION: Senegal to Egypt, Cyprus, and Turkey, south to South Africa; Pakistan to Yemen; adjacent small islands.
 SYNONYMS: *arabicus*, *geoffroyi*, *hottentotus*, *leachi*, *occidentalis*, *sjostedti*, *unicolor*.
 COMMENTS: Subgenus *Rousettus*. Includes *leachi* and *arabicus*; see Hayman and Hill (1971:11) and Corbet (1978c:38).
- Rousettus amplexicaudatus* (E. Geoffroy, 1810). Ann. Mus. Hist. Nat. Paris, 15:96.
 TYPE LOCALITY: Indonesia, Lesser Sunda Isls, Timor Isl.
 DISTRIBUTION: Cambodia; Thailand; Malay Peninsula through Indonesia to New Guinea, Bismarck Arch., and Solomon Isls; Philippines.
 SYNONYMS: *bocagei*, *brachyotis*, *hedigeri*, *infumatus*, *minor*, *philippinensis*, *stresemanni*.
 COMMENTS: Subgenus *Rousettus*. Revised by Rookmaaker and Bergmans (1981).
- Rousettus angolensis* (Bocage, 1898). J. Sci. Math. Phys. Nat. Lisboa, ser. 2, 5:133.
 TYPE LOCALITY: Angola, Quibula, Cahata, Pungo Andongo.
 DISTRIBUTION: Senegal and Angola to Ethiopia and Mozambique; Bioko.
 SYNONYMS: *crypticola*, *ruwenzorii*, *smithi*.
 COMMENTS: Subgenus *Lissonycteris*. Formerly included in genus *Lissonycteris*; see Koopman (1975:361-362).
- Rousettus celebensis* K. Andersen, 1907. Ann. Mag. Nat. Hist., ser. 7, 19:503, 509.
 TYPE LOCALITY: Indonesia, Sulawesi, Mt. Masarang, 3,500 ft. (1,067 m).
 DISTRIBUTION: Sulawesi and Sangihe Isls (Indonesia).
 COMMENTS: Subgenus *Rousettus*.
- Rousettus lanosus* Thomas, 1906. Ann. Mag. Nat. Hist., ser. 7, 18:137.
 TYPE LOCALITY: Uganda, Ruwenzori East, Mubuku Valley, 13,000 ft. (3,962 m).
 DISTRIBUTION: Uganda, Kenya, Tanzania, S Ethiopia, E Zaire, S Sudan.
 SYNONYMS: *kempi*.
 COMMENTS: Subgenus *Stenonycteris*.
- Rousettus leschenaulti* (Desmarest, 1820). Mammalogie, in Encyclop. Méthod., 1:110.
 TYPE LOCALITY: India, Pondicherry.
 DISTRIBUTION: Sri Lanka; Pakistan to Vietnam and S China; Sumatra, Java, Bali, and Mentawai Isls (Indonesia).
 SYNONYMS: *affinis*, *fuliginosa*, *fusca*, *infusca*, *pyrivorus*, *seminudus*, *shortridgei*.
 COMMENTS: Subgenus *Rousettus*. Includes *seminudus*; see Sinha (1970:82).

Rousettus madagascariensis G. Grandidier, 1928. Bull. Acad. Malgache, 11:91.

TYPE LOCALITY: Madagascar, Beforona (between Tananarive and Andevoranto).

DISTRIBUTION: Madagascar.

COMMENTS: Subgenus *Rousettus*. Considered a subspecies of *lanosus* by Hayman and Hill (1971:12); but see Bergmans (1977).

Rousettus obliviosus Kock, 1978. Proc. 4th Int. Bat Res. Conf. Nairobi, p. 208.

TYPE LOCALITY: Comoro Isls, Grand Comoro, near Boboni, 640m.

DISTRIBUTION: Comoro Isls.

COMMENTS: Subgenus *Rousettus*.

Rousettus spinalatus Bergmans and Hill, 1980. Bull. Brit. Mus. (Nat. Hist.) Zool., 38:95.

TYPE LOCALITY: Indonesia, N Sumatra, near Madan or near Prapat.

DISTRIBUTION: Sumatra, Borneo.

COMMENTS: Subgenus *Rousettus*.

Scotonycteris Matschie, 1894. Sitzb. Ges. Naturf. Fr. Berlin, p. 200.

TYPE SPECIES: *Scotonycteris zenkeri* Matschie, 1894.

COMMENTS: Reviewed by Bergmans (1990).

Scotonycteris ophiodon Pohle, 1943. Sitzb. Ges. Naturf. Fr. Berlin, p. 76.

TYPE LOCALITY: Cameroon, Bipindi.

DISTRIBUTION: Liberia to Congo Republic.

SYNONYMS: *cansdalei*.

Scotonycteris zenkeri Matschie, 1894. Sitzb. Ges. Naturf. Fr. Berlin, p. 202.

TYPE LOCALITY: Cameroon, Yaunde.

DISTRIBUTION: Liberia to Congo Republic and E Zaire; Bioko.

SYNONYMS: *occidentalis*.

Sphaerias Miller, 1906. Proc. Biol. Soc. Washington, 19:83.

TYPE SPECIES: *Cynopterus blanfordi* Thomas, 1891.

Sphaerias blanfordi (Thomas, 1891). Ann. Mus. Civ. Stor. Nat. Genova, ser. 2, 10:884, 921, 922.

TYPE LOCALITY: Burma, Karin Hills.

DISTRIBUTION: N India, Bhutan, Tibet, Burma, N Thailand, SW China.

Styloctenium Matschie, 1899. Megachiroptera Berlin Mus., p. 33.

TYPE SPECIES: *Pteropus wallacei* Gray, 1866.

Styloctenium wallacei (Gray, 1866). Proc. Zool. Soc. Lond., 1866:65.

TYPE LOCALITY: Indonesia, Sulawesi, Macassar.

DISTRIBUTION: Sulawesi.

Thoopterus Matschie, 1899. Megachiroptera Berlin Mus., p. 72, 73, 77.

TYPE SPECIES: *Cynopterus marginatus* var. *nigrescens* Gray, 1870.

Thoopterus nigrescens (Gray, 1870). Cat. Monkeys, Lemurs, Fruit-eating Bats Brit. Mus., p. 123.

TYPE LOCALITY: Indonesia, Molucca Isls, Morotai.

DISTRIBUTION: Molucca Isls, Sulawesi and Sangihe Isls (Indonesia).

SYNONYMS: *latidens*.

Subfamily Macroglossinae Gray, 1866. Proc. Zool. Soc. Lond., 1866:64.

Eonycteris Dobson, 1873. Proc. Asiat. Soc. Bengal, p. 148.

TYPE SPECIES: *Macroglossus spelaeus* Dobson, 1871.

Eonycteris major K. Andersen, 1910. Ann. Mag. Nat. Hist., ser. 8, 6:625.

TYPE LOCALITY: Malaysia, Sarawak, Mt. Dulit.

DISTRIBUTION: Borneo, Philippines, perhaps Mentawai Isls (Indonesia).

SYNONYMS: *longicauda*, *robusta*.

COMMENTS: Includes *robusta* and *longicauda*; see Tate (1942b:344); but see Heaney et al. (1987).

Eonycteris spelaea (Dobson, 1871). Proc. Asiat. Soc. Bengal, p. 105, 106.

TYPE LOCALITY: Burma, Tenasserim, Moulmein.

DISTRIBUTION: N India, Burma, S China, Thailand, W Malaysia, Borneo; Sumatra, Java, Sumba, Timor and Sulawesi (Indonesia); Philippines; Andaman Isls (India).

SYNONYMS: *glandifera*, *rosenbergi*.

COMMENTS: Includes *rosenbergi*; see Bergmans and Rosendaal (1988:57-61).

Macroglossus F. Cuvier, 1824. Dentes des Mammiferes, p. 248.

TYPE SPECIES: *Pteropus minimus* E Geoffroy, 1810.

Macroglossus minimus (E. Geoffroy, 1810). Ann. Mus. Hist. Nat. Paris, 15:97.

TYPE LOCALITY: Indonesia, Java.

DISTRIBUTION: Thailand to Philippines, New Guinea, Bismarck Arch. (Papua New Guinea), Solomon Isls, and N Australia.

SYNONYMS: *fructivorus*, *horsfieldi*, *kiodotes*, *lagochilus*, *meyeri*, *microtus*, *nanus*, *pygmaeus*, *rostratus*.

COMMENTS: Includes *lagochilus*; see Hill (1983:134-137). Includes *fructivorus*; see Heaney and Rabor (1982).

Macroglossus sobrinus K. Andersen, 1911. Ann. Mag. Nat. Hist., ser. 8, 3:642.

TYPE LOCALITY: Malaysia, Perak, Gunong Igari, 2,000 ft. (610 m).

DISTRIBUTION: SE Asia, Sumatra and Java, adjacent small islands.

SYNONYMS: *fraternus*.

COMMENTS: This is the species previously called *minimus*; see Hill (1983).

Megaloglossus Pagenstecher, 1885. Zool. Anz., 8:245.

TYPE SPECIES: *Megaloglossus woermanni* Pagenstecher, 1885.

Megaloglossus woermanni Pagenstecher, 1885. Zool. Anz., 8:245.

TYPE LOCALITY: Gabon, Sibange farm.

DISTRIBUTION: Liberia to Uganda, S Zaire, and N Angola; Bioko.

SYNONYMS: *prigoginii*.

COMMENTS: Reviewed by Bergmans and Van Bree (1972).

Melonycteris Dobson, 1877. Proc. Zool. Soc. Lond., 1877:119.

TYPE SPECIES: *Melonycteris melanops* Dobson, 1877.

SYNONYMS: *Nesonycteris*.

COMMENTS: Includes *Nesonycteris*; see Phillips (1968:814).

Melonycteris aurantius Phillips, 1966. J. Mammal., 47:24.

TYPE LOCALITY: Solomon Isls, Florida Isl, Haleta, 10 m.

DISTRIBUTION: Florida and Choiseul Isls (Solomon Isls).

COMMENTS: Subgenus *Nesonycteris*.

Melonycteris melanops Dobson, 1877. Proc. Zool. Soc. Lond., 1877:119.

TYPE LOCALITY: Given by Anderson (1912:790) as "New Ireland, coast adjacent to Duke of York Isl." (Papua New Guinea, Bismarck Arch.).

DISTRIBUTION: Bismarck Arch.; a New Guinea record is highly questionable.

SYNONYMS: *alboscappulatus*.

Melonycteris woodfordi (Thomas, 1887). Ann. Mag. Nat. Hist., ser. 5, 19:147.

TYPE LOCALITY: Solomon Isls, Alu Isl (near Shortland Isl).

DISTRIBUTION: Solomon Isls.

COMMENTS: Subgenus *Nesonycteris*.

Notopteris Gray, 1859. Proc. Zool. Soc. Lond., 1859:36.

TYPE SPECIES: *Notopteris macdonaldi* Gray, 1859.

Notopteris macdonaldi Gray, 1859. Proc. Zool. Soc. Lond., 1859:38.

TYPE LOCALITY: Fiji Isls., Viti Levu.

DISTRIBUTION: Vanuatu (= New Hebrides), New Caledonia, Fiji Isls, Caroline Isls.

SYNONYMS: *neocaledonica*.

COMMENTS: Includes *neocaledonica*; see Sanborn (1950:329, 330).

Syconycteris Matschie, 1899. *Megachiroptera* Berlin Mus., p. 94, 95, 98.

TYPE SPECIES: *Macroglossus minimus* var. *australis* Peters, 1867.

COMMENTS: Reviewed by Ziegler (1982a).

Syconycteris australis (Peters, 1867). *Monatsb. K. Preuss. Akad. Wiss. Berlin*, 1867:13.

TYPE LOCALITY: Australia, Queensland, Rockhampton.

DISTRIBUTION: E Queensland and New South Wales (Australia); New Guinea;

D'Entrecasteaux Isls, Trobriand Isls, Louisiade Arch., and Bismarck Arch. (Papua New Guinea); Molucca Isls; various adjacent small islands.

SYNONYMS: *crassa*, *finschi*, *keyensis*, *major*, *naias*, *papuana*.

COMMENTS: Includes *naias* and *crassa*; see Lidicker and Ziegler (1968:34) and Koopman (1982:8-10).

Syconycteris carolinae Rozendaal, 1984. *Zoologische Mededelingen*, 58(13):200.

TYPE LOCALITY: Indonesia, Moluccas, Halmahera Isl, Gunung Gamkunora.

DISTRIBUTION: Halmahera Isl (Moluccas).

Syconycteris hobbit Ziegler, 1982. *Occas. Pap. Bernice P. Bishop Mus.*, 25(5):1-22.

TYPE LOCALITY: Papua New Guinea, Morobe Prov., Mt. Kaindi.

DISTRIBUTION: Mountains of C New Guinea.

Family Rhinopomatidae Bonaparte, 1838. *Syn. Vert. Syst., in Nuovi Ann. Sci. Nat., Bologna*, 2:111.

Rhinopoma E. Geoffroy, 1818. *Descrip. de L'Egypte*, 2:113.

TYPE SPECIES: *Vespertilio microphyllus* Brünnich, 1782.

COMMENTS: Revised by Hill (1977b).

Rhinopoma hardwickei Gray, 1831. *Zool. Misc.*, 1:37.

TYPE LOCALITY: India.

DISTRIBUTION: Burma to Morocco, south to Mauritania, Nigeria, and Kenya; Socotra Isl (Yemen).

SYNONYMS: *arabium*, *cystops*, *macinnesi*.

COMMENTS: See Qumsiyeh and Jones (1986, *Mammalian Species*, 263).

Rhinopoma microphyllum (Brünnich, 1782). *Dyrenes Historie*, 1:50.

TYPE LOCALITY: Egypt, Giza.

DISTRIBUTION: Morocco and Senegal to Thailand; Sumatra.

SYNONYMS: *asirensis*, *cordofanicum*, *harrisoni*, *kinneari*, *lepsianum*, *sumatrae*, *tropicalis*.

Rhinopoma muscatellum Thomas, 1903. *Ann. Mag. Nat. Hist., ser. 7*, 11:498.

TYPE LOCALITY: Oman, Muscat, Wadi Bani Ruha.

DISTRIBUTION: Oman, W Iran, S Afghanistan, perhaps Ethiopia.

SYNONYMS: *pusillum*, *seianum*.

COMMENTS: The Ethiopian record may be misidentified *R. hardwickei macinnesi*. See Qumsiyeh and Jones (1986, *Mammalian Species*, 263).

Family Craseonycteridae Hill, 1974. *Bull. Brit. Mus. (Nat. Hist.) Zool.*, 27:303.

Craseonycteris Hill, 1974. *Bull. Brit. Mus. (Nat. Hist.) Zool.*, 27:304.

TYPE SPECIES: *Craseonycteris thonglongyai* Hill, 1974.

Craseonycteris thonglongyai Hill, 1974. *Bull. Brit. Mus. (Nat. Hist.) Zool.*, 27:305.

TYPE LOCALITY: Thailand, Kanchanaburi, Ban Sai Yoke.

DISTRIBUTION: Thailand: known only from a limited area near the type locality.

STATUS: U.S. ESA - Endangered; IUCN - Rare.

COMMENTS: See Hill and Smith (1981, *Mammalian Species*, 160).

Family Emballonuridae Gervais, 1856. In F. Comte de Castelnau, Exped. Partes Cen. Am. Sud., Zool.(Sec. 7), Vol. 1, pt. 2(Mammifères), p. 62 footnote.

Balantiopteryx Peters, 1867. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1867:476.

TYPE SPECIES: *Balantiopteryx plicata* Peters, 1867.

COMMENTS: Revised by Hill (1987). A key for this genus was presented in Arroyo-Cabrales and Jones (1988a).

Balantiopteryx infusca (Thomas, 1897). Ann. Mag. Nat. Hist., ser. 6, 20:546.

TYPE LOCALITY: Ecuador, Esmeraldas, Cachabi.

DISTRIBUTION: W Ecuador.

COMMENTS: See Hill (1987) for information on this species. See Arroyo-Cabrales and Jones (1988b, Mammalian Species, 313).

Balantiopteryx io Thomas, 1904. Ann. Mag. Nat. Hist., ser. 7, 13:252.

TYPE LOCALITY: Guatemala, Alta Verapaz, Rio Dolores (near Coban).

DISTRIBUTION: S Veracruz and Oaxaca (Mexico) to EC Guatemala and Belize.

COMMENTS: See Arroyo-Cabrales and Jones (1988b, Mammalian Species, 313).

Balantiopteryx plicata Peters, 1867. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1867:476.

TYPE LOCALITY: Costa Rica, Puntarenas.

DISTRIBUTION: Costa Rica to C Sonora and S Baja California (Mexico); N Colombia.

SYNONYMS: *ochoterenai*, *pallida*.

COMMENTS: See Arroyo-Cabrales and Jones (1988a, Mammalian Species, 301).

Centronycteris Gray, 1838. Mag. Zool. Bot., 2:499.

TYPE SPECIES: *Vespertilio calcaratus* Wied-Neuwied, 1821 (preoccupied; = *Vespertilio maximiliani* Fischer, 1829).

Centronycteris maximiliani (Fischer, 1829). Synopsis Mamm., p. 122.

TYPE LOCALITY: Brazil, Espirito Santo, Rio Jucy, Fazenda do Coroaba.

DISTRIBUTION: S Veracruz (Mexico) to Peru, Brazil, and Guianas.

SYNONYMS: *centralis*, *wiedi*.

Coleura Peters, 1867. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1867:479.

TYPE SPECIES: *Emballonura afra* Peters, 1852.

Coleura afra (Peters, 1852). Reise nach Mossambique, Säugethiere, p. 51.

TYPE LOCALITY: Mozambique, Tete.

DISTRIBUTION: Guinea-Bissau to Somalia, south to Angola, Zaire, and Mozambique; Yemen.

SYNONYMS: *gallarum*, *kummeri*, *nilosa*.

Coleura seychellensis Peters, 1868. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1868:367.

TYPE LOCALITY: Seychelle Isls, Mahe Isl.

DISTRIBUTION: Seychelle Isls; possibly Zanzibar. The Zanzibar record is extremely dubious.

STATUS: IUCN - Endangered.

SYNONYMS: *silhouettae*.

Cormura Peters, 1867. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1867:475.

TYPE SPECIES: *Emballonura brevirostris* Wagner, 1843.

SYNONYMS: *Myropteryx*.

Cormura brevirostris (Wagner, 1843). Arch. Naturgesch., ser. 9, 1:367.

TYPE LOCALITY: Brazil, Amazonas, Rio Negro, Marabitanas.

DISTRIBUTION: Nicaragua to Peru and Brazil.

SYNONYMS: *pullus*.

Cyttarops Thomas, 1913. Ann. Mag. Nat. Hist., ser. 8, 11:134.

TYPE SPECIES: *Cyttarops alecto* Thomas, 1913.

Cyttarops alecto Thomas, 1913. Ann. Mag. Nat. Hist., ser. 8, 11:135.

TYPE LOCALITY: Brazil, Para, Mocajatuba.

DISTRIBUTION: Nicaragua, Costa Rica, Guyana, Amazonian Brazil.

COMMENTS: See Starrett (1972, *Mammalian Species*, 13).

Diclidurus Wied-Neuwied, 1820. *Isis von Oken*, 1819:1629 [1820].

TYPE SPECIES: *Diclidurus albus* Wied-Neuwied, 1820.

SYNONYMS: *Depanycteris*.

COMMENTS: Includes *Depanycteris*; but see Corbet and Hill (1980:46) who listed *Depanycteris* as a distinct genus without comment. A key to this genus was presented by Ceballos and Medellin (1988).

Diclidurus albus Wied-Neuwied, 1820. *Isis von Oken*, 1819:1630 [1820].

TYPE LOCALITY: Brazil, Bahia, Rio Pardo, Canavieiras.

DISTRIBUTION: Nayarit (Mexico) to E Brazil and Trinidad.

SYNONYMS: *freyreisii*, *virgo*.

COMMENTS: Subgenus *Diclidurus*. Includes *virgo*; see Goodwin (1969:48, 49), but see also Ojasti and Linares (1971). Corbet and Hill (1980:46) listed *virgo* as a distinct species without comment. See Ceballos and Medellin (1988, *Mammalian Species*, 316).

Diclidurus ingens Hernandez-Camacho, 1955. *Caldasia*, 7:87.

TYPE LOCALITY: Colombia, Caqueta, Rio Putumayo, Puerto Leguizamo.

DISTRIBUTION: Venezuela, SE Colombia, Guyana, NW Brazil.

COMMENTS: Subgenus *Diclidurus*.

Diclidurus isabellus (Thomas, 1920). *Ann. Mag. Nat. Hist.*, ser. 9, 6:271.

TYPE LOCALITY: Brazil, Amazonas, Manacapuru (lower Solimões River).

DISTRIBUTION: NW Brazil, Venezuela.

COMMENTS: Subgenus *Depanycteris*. Formerly included in genus *Depanycteris*; see Ojasti and Linares (1971).

Diclidurus scutatus Peters, 1869. *Monatsb. K. Preuss. Akad. Wiss. Berlin*, 1869:400.

TYPE LOCALITY: Brazil, Para, Belem.

DISTRIBUTION: Amazonian Brazil, Venezuela, Peru, Guyana, Surinam.

COMMENTS: Subgenus *Diclidurus*.

Emballonura Temminck, 1838. *Tijdschr. Nat. Gesch. Physiol.*, 5:22.

TYPE SPECIES: *Emballonura monticola* Temminck, 1838.

COMMENTS: Does not include *nigrescens*; see Griffiths et al. (1991).

Emballonura alecto (Eydoux and Gervais, 1836). *Mag. Zool. Paris*, 6:7.

TYPE LOCALITY: Philippines, Luzon, Manila.

DISTRIBUTION: Philippines, Borneo, Sulawesi and Tanimbar (Indonesia), and adjacent small islands.

SYNONYMS: *discolor*, *palawanensis*, *rivalis*.

COMMENTS: Includes *rivalis*; see Medway (1977:44).

Emballonura atrata Peters, 1874. *Monatsb. K. Preuss. Akad. Wiss. Berlin*, 1874:693.

TYPE LOCALITY: Madagascar.

DISTRIBUTION: E and C Madagascar.

Emballonura beccarii Peters and Doria, 1881. *Ann. Mus. Civ. Stor. Nat. Genova*, 16:693.

TYPE LOCALITY: Indonesia, Irian Jaya, Tjenderawasih Div., Japen Isl, Ansus.

DISTRIBUTION: New Guinea, Kei Isls, Trobriand Isls.

SYNONYMS: *clavium*, *locusta*, *meekei*.

Emballonura diana Hill, 1956. *In Wolff*, *Nat. Hist. Rennell Isl, Brit. Solomon Isls*, 1:74.

TYPE LOCALITY: Solomon Isls, Rennell Isl, near Tigoa, Te-Abagua Cave, about 35 m.

DISTRIBUTION: Rennell and Malaita Isls (Solomon Isls), New Ireland (Bismarck Arch.), New Guinea.

Emballonura furax Thomas, 1911. *Ann. Mag. Nat. Hist.*, ser. 8, 7:384.

TYPE LOCALITY: Indonesia, Irian Jaya, Kapare River, Whitewater Camp., 400 ft. (122 m).

DISTRIBUTION: New Guinea, Bismarck Arch.

STATUS: IUCN - Insufficiently known.

Emballonura monticola Temminck, 1838. *Tijdschr. Nat. Gesch. Physiol.*, 5:25.

TYPE LOCALITY: Indonesia, Java, Mt. Munara.

DISTRIBUTION: Thailand to W Malaysia; Borneo; Sumatra, Rhio Arch., Banka, Billiton, Engano, Babi Isls, Anambas Isls, Batu Isls, Nias Isl, Mentawai Isls, Java, Sulawesi, and Karimata Isl (Indonesia).

SYNONYMS: *anambensis*, *peninsularis*, *pusilla*.

Emballonura raffrayana Dobson, 1879. Proc. Zool. Soc. Lond., 1878:876 [1879].

TYPE LOCALITY: Indonesia, Irian Jaya, Tjenderawasih Div., Numfoor Isl; for clarification see Thomas (1914b:442).

DISTRIBUTION: Seram Isl, Kei Isls, and Sulawesi (Indonesia); New Guinea; Bismarck Arch.; Choiseul, Ysabel and Malaita Isls (Solomon Isls).

STATUS: IUCN - Insufficiently known.

SYNONYMS: *cor*, *stresemanni*.

Emballonura semicaudata (Peale, 1848). Mammalia in Repts. U.S. Expl. Surv., 8:23.

TYPE LOCALITY: Samoa.

DISTRIBUTION: Mariana Isls and Caroline Isls (including Palau Isls), Vanuatu (= New Hebrides), Fiji Isls, Samoa.

SYNONYMS: *palauensis*, *rotensis*, *sulcata*.

COMMENTS: Includes *sulcata*, see Griffiths et al. (1991).

Mosia Gray, 1843. Ann. Mag. Nat. Hist., [ser. 1], 11:117.

TYPE SPECIES: *Mosia nigrescens* Gray, 1843.

COMMENTS: Formerly included in *Emballonura*, but see Griffiths et al. (1991).

Mosia nigrescens (Gray, 1843). Ann. Mag. Nat. Hist., [ser. 1], 11:117.

TYPE LOCALITY: Indonesia, Molucca Isls, Amboina Isl.

DISTRIBUTION: New Guinea; Kei Isls, Halmahera Isls, Schouten Isls, Sulawesi, Amboina, and Buru (Indonesia); Bismarck Arch. (Papua New Guinea); Solomon Isls; adjacent small islands.

SYNONYMS: *papuana*, *solomonis*.

COMMENTS: Subgenus *Mosia*. Includes *papuana*; see Laurie and Hill (1954:49). Includes *solomonis*, considered a distinct species by McKean (1972:35).

Peropteryx Peters, 1867. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1867:472.

TYPE SPECIES: *Vespertilio caninus* Wied-Neuwied, 1821 (preoccupied; = *Emballonura macrotis* Wagner, 1843).

SYNONYMS: *Peronymus*.

COMMENTS: Includes *Peronymus*; see Cabrera (1958:52). Corbet and Hill (1980:45) listed *Peronymus* as a distinct genus following Sanborn (1937).

Peropteryx kappleri Peters, 1867. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1867:473.

TYPE LOCALITY: Surinam.

DISTRIBUTION: S Veracruz (Mexico) to E Brazil, and Peru.

SYNONYMS: *intermedia*.

COMMENTS: Subgenus *Peropteryx*.

Peropteryx leucoptera Peters, 1867. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1867:474.

TYPE LOCALITY: Surinam.

DISTRIBUTION: Peru, Colombia, N and E Brazil, Venezuela, French Guiana, Guyana, and Surinam.

SYNONYMS: *cyclops*.

COMMENTS: Subgenus *Peronymus*. Formerly included in genus *Peronymus*; see Cabrera (1958:52).

Peropteryx macrotis (Wagner, 1843). Arch. Naturgesch., ser. 9, 1:367.

TYPE LOCALITY: Brazil, Mato Grosso.

DISTRIBUTION: Guerrero and Yucatan (Mexico) to Peru, Paraguay, and S and E Brazil; Trinidad and Tobago; Margarita Isl (Venezuela); Aruba Isl (Netherlands Antilles); Grenada.

SYNONYMS: *brunnea*, *caninus*, *phaea*, *trinitatis*.

COMMENTS: Subgenus *Peropteryx*. Includes *trinitatis*; see Goodwin and Greenhall (1961:216). Corbet and Hill (1980:45) listed *trinitatis* as a distinct species without comment.

Rhynchonycteris Peters, 1867. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1867:477.

TYPE SPECIES: *Vespertilio naso* Wied-Neuwied, 1820.

Rhynchonycteris naso (Wied-Neuwied, 1820). Reise nach Brasilien, 1:251.

TYPE LOCALITY: Brazil, Bahia, Rio Mucuri, near Morro d'Arara; for clarification see Avila-Pires (1965:9).

DISTRIBUTION: E Oaxaca and C Veracruz (Mexico) to C and E Brazil, Peru, Bolivia, French Guiana, Guyana, and Surinam; Trinidad.

SYNONYMS: *lineata*, *priscus*, *rivalis*, *saxatilis*, *villosa*.

Saccolaimus Temminck, 1838. Tijdschr. Nat. Gesch. Physiol., 5:14.

TYPE SPECIES: *Taphozous saccolaimus* Temminck, 1838.

COMMENTS: Considered a subgenus of *Taphozous* by Ellerman and Morrison-Scott (1951:104) and Corbet and Hill (1980:45), but see Barghorn (1977:5).

Saccolaimus flaviventris Peters, 1867. Proc. Zool. Soc. Lond., 1866:430 [1867].

TYPE LOCALITY: Australia.

DISTRIBUTION: Australia (except Tasmania), SE New Guinea.

SYNONYMS: *hargravei*, *insignis*.

Saccolaimus mixtus Troughton, 1925. Rec. Aust. Mus., 14:322.

TYPE LOCALITY: Papua New Guinea, Central Prov., Port Moresby.

DISTRIBUTION: SE New Guinea, NE Queensland (Australia).

Saccolaimus peli (Temminck, 1853). Esquisses Zool. sur la Côte de Guine, p. 82.

TYPE LOCALITY: Ghana, Boutry River.

DISTRIBUTION: Liberia to W Kenya south to Angola.

Saccolaimus pluto (Miller, 1911). Proc. U.S. Natl. Mus., 38:396.

TYPE LOCALITY: Philippines, Mindanao, near Zamboanga.

DISTRIBUTION: Philippines.

SYNONYMS: *capito*.

COMMENTS: Includes *capito*; see Lawrence (1939:42). Corbet and Hill (1980:45) listed *capito* as a distinct species without comment. Almost certainly a subspecies of *saccolaimus*.

Saccolaimus saccolaimus (Temminck, 1838). Tijdschr. Nat. Gesch. Physiol., 5:14.

TYPE LOCALITY: Indonesia, Java.

DISTRIBUTION: India and Sri Lanka through SE Asia to Borneo, Sumatra, Java, and Timor (Indonesia); New Guinea; NE Queensland (Australia); Guadalcanal Isl (Solomon Isls).

SYNONYMS: *affinis*, *crassus*, *flavomaculatus*, *granti*, *nudicluniatu*s, *pulcher* (see Medway, 1977:45, and Goodwin, 1979:102).

COMMENTS: Corbet and Hill (1980:45) listed *nudicluniatu*s as a distinct species without comment.

Saccopteryx Illiger, 1811. Prodr. Syst. Mamm. Avium., p. 121.

TYPE SPECIES: *Vespertilio lepturus* Schreber, 1774.

Saccopteryx bilineata (Temminck, 1838). Tijdschr. Nat. Gesch. Physiol., 5:33.

TYPE LOCALITY: Surinam.

DISTRIBUTION: Jalisco and Veracruz (Mexico) to Bolivia, Guianas, and E Brazil south to Rio de Janeiro; Trinidad and Tobago.

SYNONYMS: *centralis*, *insignis*, *perspicillifer*.

Saccopteryx canescens Thomas, 1901. Ann. Mag. Nat. Hist., ser. 7, 7:366.

TYPE LOCALITY: Brazil, Para, Obidos.

DISTRIBUTION: Colombia, Venezuela, Guianas, N Brazil, Peru.

SYNONYMS: *pumila*.

COMMENTS: Includes *pumila*; see Husson (1962:46).

Saccopteryx gymnura Thomas, 1901. Ann. Mag. Nat. Hist., ser. 7, 7:367.

TYPE LOCALITY: Brazil, Para, Santarem.

DISTRIBUTION: Amazonian Brazil, perhaps Venezuela.

Saccopteryx leptura (Schreber, 1774). Die Säugethiere, 1(8):57.

TYPE LOCALITY: Surinam.

DISTRIBUTION: Chiapas and Tabasco (Mexico) to E Brazil and Peru; Guianas; Margarita Isl (Venezuela); Trinidad and Tobago.

Taphozous E. Geoffroy, 1818. Descrip. de L'Egypte, 2:113.

TYPE SPECIES: *Taphozous perforatus* E. Geoffroy, 1818.

SYNONYMS: *Liponycteris*.

COMMENTS: Includes *Liponycteris* but not *Saccolaimus*; see Hayman and Hill (1971:15) and Barghorn (1977:5).

Taphozous australis Gould, 1854. Mamm. Aust., p. 3.

TYPE LOCALITY: Australia, Queensland, Albany Isl (off Cape York).

DISTRIBUTION: N Queensland (Australia), Torres Strait Isls, SE New Guinea.

SYNONYMS: *fumosus*.

COMMENTS: Subgenus *Taphozous*. Includes *fumosus*; see Troughton (1925:332). Tate (1952:607) included *georgianus* in this species, but also see McKean and Price (1967).

Taphozous georgianus Thomas, 1915. J. Bombay Nat. Hist. Soc., 24:62.

TYPE LOCALITY: Australia, Western Australia, King Georges Sound.

DISTRIBUTION: Australia.

SYNONYMS: *troughtoni*.

COMMENTS: Subgenus *Taphozous*. Includes *troughtoni*; see McKean and Price (1967); but see also Chiminbu and Kitchener (1991) who recognized *troughtoni* as a distinct species.

Taphozous hamiltoni Thomas, 1920. Ann. Mag. Nat. Hist., ser. 9, 5:142.

TYPE LOCALITY: Sudan, Equatoria, Mongalla.

DISTRIBUTION: S Sudan, Chad, Kenya.

COMMENTS: Subgenus *Liponycteris*.

Taphozous hildegardeae Thomas, 1909. Ann. Mag. Nat. Hist., ser. 8, 4:98.

TYPE LOCALITY: Kenya, Coast Province, Rabai (near Mombasa).

DISTRIBUTION: Kenya, NE Tanzania, Zanzibar.

COMMENTS: Subgenus *Taphozous*.

Taphozous hilli Kitchener, 1980. Rec. W. Aust. Mus., 8:162.

TYPE LOCALITY: Australia, Western Australia, Hamersley range, near Mt. Bruce.

DISTRIBUTION: Western Australia, South Australia, and Northern Territory.

COMMENTS: Subgenus *Taphozous*.

Taphozous kapalgensis McKean and Friend, 1979. Vict. Nat., 96:239.

TYPE LOCALITY: Australia, Northern Territory, S Alligator River, near Rookery Point, Kapalga.

DISTRIBUTION: Northern Territory (Australia).

COMMENTS: Subgenus *Taphozous*.

Taphozous longimanus Hardwicke, 1825. Trans. Linn. Soc. Lond., 14:525.

TYPE LOCALITY: India, Bengal, Calcutta.

DISTRIBUTION: Sri Lanka; India to Cambodia; Malay Peninsula; Sumatra, Borneo, Java, Bali, and Flores (Indonesia).

SYNONYMS: *albipinnis*, *brevicaudus*, *cantorii*, *fulvidus*, *kampeni*, *leucopleura*.

COMMENTS: Subgenus *Taphozous*.

Taphozous mauritianus E. Geoffroy, 1818. Descrip. de L'Egypte, 2:127.

TYPE LOCALITY: Mauritius.

DISTRIBUTION: South Africa to Sudan and Somalia to Senegal; Mauritius and Reunion Isls (Mascarene Isls); Madagascar; Assumption Isl and Aldabra Isl.

SYNONYMS: *cinerascens*, *dobsoni*, *leucopterus*.

COMMENTS: Subgenus *Taphozous*.

Taphozous melanopogon Temminck, 1841. Monogr. Mamm., 2:287.

TYPE LOCALITY: Indonesia, W Java, Bantam.

DISTRIBUTION: Sri Lanka; India; Burma; Thailand; Laos; Vietnam; S China; Malay Peninsula and adjacent islands; Borneo; Sumatra, Java, Savu Isl, Lombok, Sumbawa, Timor, Kei Isls, and Sulawesi (Indonesia).

SYNONYMS: *achates*, *bicolor*, *cavaticus*, *fretensis*.

COMMENTS: Subgenus *Taphozous*.

Taphozous nudiventris Cretzschmar, 1830. In Rüppell, Atlas Reise Nordl. Afr., Zool. Säugeth., 1:70.

TYPE LOCALITY: Egypt, Giza.

DISTRIBUTION: Mauritania, Senegal, and Guinea-Bissau to Egypt, south to Tanzania and east to Burma.

SYNONYMS: *assabensis*, *babylonicus*, *kachhensis*, *magnus*, *nudaster*, *serratus*, *ziyidi*.

COMMENTS: Subgenus *Liponycteris*. Includes *kachhensis*; see Felten (1962:175). Formerly included in genus *Liponycteris*; see Hayman and Hill (1971:15).

Taphozous perforatus E. Geoffroy, 1818. Descrip. de L'Égypte, 2:126.

TYPE LOCALITY: Egypt, Kom Ombo.

DISTRIBUTION: Senegal to Botswana, Mozambique, Somalia and Egypt; S Arabia; S Iran; Pakistan; NW India.

SYNONYMS: *haedinus*, *maritimus*, *rhodesiae*, *senegalensis*, *sudani*, *swirae*.

COMMENTS: Subgenus *Taphozous*. Includes *senegalensis* and *sudani*; see Hayman and Hill (1977:16).

Taphozous philippinensis Waterhouse, 1845. Proc. Zool. Soc. Lond., 1845:9.

TYPE LOCALITY: Philippines.

DISTRIBUTION: Philippines.

SYNONYMS: *solifer*.

COMMENTS: Subgenus *Taphozous*. Includes *solifer*; see Ellerman and Morrison-Scott (1951:105). Probably a subspecies of *melanopogon*; see Heaney et al. (1987:43). Corbet and Hill (1980:45) listed *solifer* as a distinct species without comment.

Taphozous theobaldi Dobson, 1872. Proc. Asiat. Soc. Bengal, p. 152.

TYPE LOCALITY: Burma, Tenasserim.

DISTRIBUTION: C India to Vietnam; Java, Borneo and Sulawesi. A record from Maylaya appears to be in error; see Medway (1969:8).

SYNONYMS: *secatus*.

COMMENTS: Subgenus *Taphozous*.

Family Nycteridae Van der Hoeven, 1855. Handb. Dierkunde, 2nd ed., 2:1028.

Nycteris G. Cuvier and E. Geoffroy, 1795. Mag. Encyclop., 2:186.

TYPE SPECIES: *Vespertilio hispidus* Schreber, 1775.

COMMENTS: Some African species revised by Cakenberghe and Vree (1985).

Nycteris arge Thomas, 1903. Ann. Mag. Nat. Hist., ser. 7, 12:633.

TYPE LOCALITY: Cameroon, Efulen.

DISTRIBUTION: Sierra Leone to S and E Zaire; W Kenya; SW Sudan; NE Angola; Bioko.

COMMENTS: Formerly included *intermedia*; see Hayman and Hill (1971:19), but see Cakenberghe and Vree (1985).

Nycteris gambiensis (K. Andersen, 1912). Ann. Mag. Nat. Hist., ser. 8, 10:548.

TYPE LOCALITY: Senegal, Dialakoto.

DISTRIBUTION: Senegal, Gambia, Guinea, Sierra Leone, Ghana, Togo, Benin, Burkina Faso.

Nycteris grandis Peters, 1865. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1865:358.

TYPE LOCALITY: "Guinea".

DISTRIBUTION: Senegal to Kenya, Zimbabwe, and Mozambique; Zanzibar and Pemba.

SYNONYMS: *baikii*, *marica*, *proxima*.

Nycteris hispida (Schreber, 1775). Die Säugethiere, 1:169, 188.

TYPE LOCALITY: Senegal.

DISTRIBUTION: Senegal to Somalia and south to Angola and South Africa; Zanzibar; Bioko.

SYNONYMS: *aurita*, *daubentoni*, *martini*, *pallida*, *pilosa*, *villosa*.

COMMENTS: Includes *aurita* and *pallida*; see Koopman (1975:377, 378).

Nycteris intermedia Aellen, 1959. Arch. Sci. Genève, 12:218.

TYPE LOCALITY: Ivory Coast, Adiopodoume.

DISTRIBUTION: Liberia to W Tanzania and south to Angola.

COMMENTS: Formerly included in *N. arge* but see Cakenberghe and Vree (1985).

Nycteris javanica E. Geoffroy, 1813. Ann. Mus. Hist. Nat. Paris, 20:20.

TYPE LOCALITY: Indonesia, Java.

DISTRIBUTION: Java, Bali, and Kangean Isl (Indonesia).

SYNONYMS: *bastiani*.

COMMENTS: Does not include *tragata*; see Ellerman and Morrison-Scott (1955:9).

Nycteris macrotis Dobson, 1876. Monogr. Asiat. Chiroptera, p. 80.

TYPE LOCALITY: Sierra Leone.

DISTRIBUTION: Senegal to Ethiopia, south to Zimbabwe, Malawi and Mozambique; Zanzibar; Madagascar.

SYNONYMS: *aethiopica*, *guineensis*, *luteola*, *madagascariensis*, *major* (of J. A. Allen, 1917, not K. Anderson, 1912), *oriana*, *vinsoni* (see Koopman, 1975:378, 1992; Cakenberghe and Vree, 1985; and Kock, 1969a:94-97).

Nycteris major (K. Andersen, 1912). Ann. Mag. Nat. Hist., ser. 8, 10:547.

TYPE LOCALITY: Cameroon, Ja River.

DISTRIBUTION: Liberia to Zambia.

SYNONYMS: *avakubia*.

COMMENTS: Includes *avakubia*; see Koopman (1965:6).

Nycteris nana (K. Andersen, 1912). Ann. Mag. Nat. Hist., ser. 8, 10:547.

TYPE LOCALITY: Equatorial Guinea, Rio Muni, Benito River.

DISTRIBUTION: Ivory Coast to NE Angola, W Tanzania, W Kenya, and SW Sudan.

SYNONYMS: *tristis*.

COMMENTS: Includes *tristis*; see Koopman (1975:376).

Nycteris thebaica E. Geoffroy, 1818. Descrip. de L'Egypte, 2:119.

TYPE LOCALITY: Egypt, Thebes (near Luxor).

DISTRIBUTION: Central Arabia; Israel; Sinai; Egypt to Morocco, Senegal, Benin, Somalia and Kenya, thence south to South Africa in open country; Zanzibar and Pemba.

SYNONYMS: *adana*, *affinis*, *albiventer*, *angolensis*, *aurantiaca*, *brockmani*, *capensis*, *damarensis*, *discolor*, *fuliginosa*, *labiata*, *media*, *najdiya*, *revoilii*.

Nycteris tragata (K. Andersen, 1912). Ann. Mag. Nat. Hist., ser. 8, 10:546.

TYPE LOCALITY: Malaysia, Sarawak, Bidi caves.

DISTRIBUTION: Burma, Thailand, W Malaysia, Sumatra, Borneo.

COMMENTS: Clearly distinct from *javanica*; see Ellerman and Morrison-Scott (1955:9).

Nycteris woodi K. Andersen, 1914. Ann. Mag. Nat. Hist., ser. 8, 13:563.

TYPE LOCALITY: Zambia, Chilanga.

DISTRIBUTION: Zambia and South Africa to SW Tanzania; Ethiopia; Somalia; Cameroon.

SYNONYMS: *benuensis*, *parisii*, *sabiensis*.

COMMENTS: For synonyms see Cakenberghe and Vree (1985).

Family Megadermatidae H. Allen, 1864. Monogr. Bats N. Am., pp. xxiii, 1.

Cardioderma Peters, 1873. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1873:488.

TYPE SPECIES: *Megaderma cor* Peters, 1872.

Cardioderma cor (Peters, 1872). Monatsb. K. Preuss. Akad. Wiss. Berlin, 1872:194.

TYPE LOCALITY: Ethiopia.

DISTRIBUTION: Ethiopia, Somalia, Kenya, Uganda, E Sudan, Tanzania, Zanzibar.

Lavia Gray, 1838. Mag. Zool. Bot., 2:490.

TYPE SPECIES: *Megaderma frons* E. Geoffroy, 1810.

Lavia frons (E. Geoffroy, 1810). Ann. Mus. Hist. Nat. Paris, 15:192.

TYPE LOCALITY: Senegal.

DISTRIBUTION: Senegal to Somalia, south to Zambia and Malawi; Zanzibar.

SYNONYMS: *affinis*, *rex*.

Macroderma Miller, 1906. Proc. Biol. Soc. Washington, 19:84.

TYPE SPECIES: *Megaderma gigas* Dobson, 1880.

Macroderma gigas (Dobson, 1880). Proc. Zool. Soc. Lond., 1880:461.

TYPE LOCALITY: Australia, Queensland, Wilson's River, Mt. Margaret.

DISTRIBUTION: N and C Australia.

STATUS: IUCN - Vulnerable.

SYNONYMS: *saturata*.

COMMENTS: See Hudson and Wilson (1986, Mammalian Species, 260).

Megaderma E. Geoffroy, 1810. Ann. Mus. Hist. Nat. Paris, 15:197.

TYPE SPECIES: *Vespertilio spasma* Linnaeus, 1758.

SYNONYMS: *Lyroderma*.

COMMENTS: Includes *Lyroderma*, but see Hand (1985).

Megaderma lyra E. Geoffroy, 1810. Ann. Mus. Hist. Nat. Paris, 15:190.

TYPE LOCALITY: India, Madras.

DISTRIBUTION: Afghanistan to S China, south to Sri Lanka and W Malaysia.

SYNONYMS: *carnatica*, *carina*, *schistacea*, *sinensis*, *spectrum*.

Megaderma spasma (Linnaeus, 1758). Syst. Nat., 10th ed., 1:32.

TYPE LOCALITY: Indonesia, Molucca Islands, Ternate.

DISTRIBUTION: Sri Lanka and India through SE Asia to Lesser Sundas, the Philippines and Molucca Isls, various adjacent islands.

SYNONYMS: *abditum*, *carinatae*, *celebensis*, *ceylonense*, *horsfieldi*, *kinabalu*, *lasiae*, *majus*, *medium*, *minus*, *naisense*, *natunae*, *pangandarana*, *siumatis*, *trifolium*.

Family Rhinolophidae Gray, 1825. Zool. Journ., 2(6):242.

SYNONYMS: Hipposideridae.

COMMENTS: Includes Hipposideridae (here treated at a subfamily), see Vaughan (1978:39) and Koopman and Jones (1970); but also see Swanepoel et al. (1980:157). Hill (1982) listed Hipposideridae as a distinct family, without comment. Hill and Smith (1984) retained this separation and discussed the question.

Subfamily Rhinolophinae Gray, 1825. Zool. Journ., 2(6):242.

Rhinolophus Lacépède, 1799. Tabl. Div. Subd. Orders Genres Mammifères, p. 15.

TYPE SPECIES: *Vespertilio ferrum-equinum* Schreber, 1774.

SYNONYMS: *Rhinomegalophus*.

COMMENTS: Includes *Rhinomegalophus*; see Thonglongya (1973:587).

Rhinolophus acuminatus Peters, 1871. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1871:308.

TYPE LOCALITY: Indonesia, Java.

DISTRIBUTION: Borneo, Sumatra (including Nias and Engano Isls), Java, Lombok, and Bali (Indonesia), Palawan (Philippines), Thailand, Laos, Cambodia.

SYNONYMS: *audax*, *calypso*, *circe*, *sumatranus*.

Rhinolophus adami Aellen and Brosset, 1968. Rev. Suisse Zool., 75:443.

TYPE LOCALITY: Congo Republic, Kouilou.

DISTRIBUTION: Congo Republic.

Rhinolophus affinis Horsfield, 1823. Zool. Res. Java, 6, pl. figs. a, b.

TYPE LOCALITY: Indonesia, Java.

DISTRIBUTION: India to S China through Malaysia to Borneo and Lesser Sunda Isls; Andaman Isls (India); perhaps Sri Lanka.

SYNONYMS: *andamanensis*, *hainanus*, *himalayanus*, *macrurus*, *nesites*, *princeps*, *superans*, *tener*.

COMMENTS: Includes *andamanensis*; see Sinha (1973:612-613).

- Rhinolophus alcyone* Temminck, 1852. Esquisses Zool. sur la Côte de Guine, p. 80.
 TYPE LOCALITY: Ghana, Boutry River.
 DISTRIBUTION: Senegal to Uganda, SW Sudan, N Zaire, and Gabon; Bioko.
- Rhinolophus anderseni* Cabrera, 1909. Bol. Real. Soc. Esp. Hist. Nat., p. 305.
 TYPE LOCALITY: Philippines, Luzon (uncertain).
 DISTRIBUTION: Palawan and Luzon (Philippines).
 SYNONYMS: *aequalis*.
- Rhinolophus arcuatus* Peters, 1871. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1871:305.
 TYPE LOCALITY: Philippines, Luzon.
 DISTRIBUTION: Sumatra to Philippines, New Guinea, and Lesser Sundas.
 SYNONYMS: *angustifolius*, *beccarii*, *exiguus*, *mcintyreii*, *proconsularis*, *toxopeusi*, *typica*.
 COMMENTS: Includes *toxopeusi*; see Hill and Schlitter (1982).
- Rhinolophus blasii* Peters, 1866. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1866:17.
 TYPE LOCALITY: SE Europe; restricted to Italy by Ellerman et al. (1953:59).
 DISTRIBUTION: Transvaal (South Africa) to S Zaire; Ethiopia; Somalia; Morocco; Algeria; Tunisia; Turkey; Yemen; Israel; Jordan; Syria; Iran; Yugoslavia; Albania; Bulgaria; Rumania; Transcaucasia and Turkmenistan; Afghanistan; Pakistan; Italy; Greece; Cyprus.
 SYNONYMS: *andreinii*, *brockmani*, *empusa*, *meyeroehmi*.
 COMMENTS: Includes *brockmani*; see Koopman (1975:383).
- Rhinolophus borneensis* Peters, 1861. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1861:709.
 TYPE LOCALITY: Malaysia, Sabah, Labuan Isl.
 DISTRIBUTION: Borneo; Labuan and Banguay Isls (Malaysia); Java, Karimata Isls and South Natuna Isls (Indonesia); Cambodia; Vietnam.
 SYNONYMS: *chaseni*, *importunus*, *spadix*.
 COMMENTS: Includes *chaseni* and *importunus*; see Hill (1983). Formerly included *javanicus*, *celebensis*, *madurensis*, and *parvus*; see Goodwin (1979:104) and Hill and Thonglongya (1972:187); but see Hill (1983).
- Rhinolophus canuti* Thomas and Wroughton, 1909. Abstr. Proc. Zool. Soc. Lond., 1909(68):18.
 TYPE LOCALITY: Indonesia, South Java.
 DISTRIBUTION: Java, Timor (Indonesia).
 SYNONYMS: *timoriensis*.
 COMMENTS: Formerly included in *creaghi*; see Hill and Schlitter (1982).
- Rhinolophus capensis* Lichtenstein, 1823. Verz. Doblet. Mus. Univ. Berlin, p. 4.
 TYPE LOCALITY: South Africa, Cape Prov., Cape of Good Hope.
 DISTRIBUTION: Cape Prov., Natal (South Africa); Zimbabwe; Mozambique. Occurrence outside Cape Prov. is doubtful; records from Zambia and Malawi are definitely erroneous.
 SYNONYMS: *auritus*.
- Rhinolophus celebensis* Andersen, 1905. Proc. Zool. Soc. Lond., 1905(2):83.
 TYPE LOCALITY: Sulawesi, Macassar (= Ujung Pandang).
 DISTRIBUTION: Java, Madura, Bali, Timor, Sulawesi, Sangihe and Talaud Isls (Indonesia).
 SYNONYMS: *javanicus*, *madurensis*, *parvus*.
 COMMENTS: For synonyms see Hill (1983), but see also Bergmans and Van Bree (1986:335-337).
- Rhinolophus clivus* Cretzschmar, 1828. In Rüppell, Atlas Reise Nordl. Afr., Zool. Säugeth., p. 47.
 TYPE LOCALITY: Saudi Arabia, Muwaylih (= Mohila).
 DISTRIBUTION: Turkmenistan to Afghanistan; Arabia to Algeria; subsaharan Africa to Liberia, Cameroon and South Africa.
 SYNONYMS: *acrotis*, *andersoni*, *angur*, *bocharicus*, *brachygnathus*, *hillorum*, *keniensis*, *schwarzi*, *zuluensis*.
 COMMENTS: Includes *bocharicus*; see Aellen (1959:362-366). *R. bocharicus* is considered a species by Hanak (1969), DeBlase (1980:94-97), Gromov and Baranova (1981), and Pavlinov and Rossolimo (1987). This species does not include *deckenii* or *silvestris*; see Koopman (1975:386).

- Rhinolophus coelophyllus* Peters, 1867. Proc. Zool. Soc. Lond., 1866:426 [1867].
TYPE LOCALITY: Burma, Salween River.
DISTRIBUTION: W Malaysia, Thailand, Burma.
COMMENTS: Does not include *shameli*; see Hill and Thonglongya (1972:183-186).
- Rhinolophus cognatus* K. Andersen, 1906. Ann. Mus. Civ. Stor. Genova, ser. 3, 2:181.
TYPE LOCALITY: India, Andaman Isls, S Andaman Isl, Port Blair.
DISTRIBUTION: Andaman Isls (India).
SYNONYMS: *famulus*.
- Rhinolophus cornutus* Temminck, 1835. Monogr. Mamm., 2:37.
TYPE LOCALITY: Japan.
DISTRIBUTION: Japan (including Ryukyu Isls), perhaps SE China.
SYNONYMS: *orii*, *miyakonis*, *perditus*, *pumilus*.
COMMENTS: Does not include *blythi*; see Hill and Yoshiyuki (1980:186); but also see Corbet (1978c:43). See also comments under *pusillus*. Includes *pumilus* and *perditus*, but see Yoshiyuki (1989).
- Rhinolophus creaghi* Thomas, 1896. Ann. Mag. Nat. Hist., ser. 6, 18:244.
TYPE LOCALITY: Malaysia, Sabah, Sandakan.
DISTRIBUTION: Borneo; Madura Isl, Java, and Timor (Indonesia).
SYNONYMS: *pilosus*.
COMMENTS: Includes *pilosus* but not *canuti*; see Hill and Schlitter (1982:458).
- Rhinolophus darlingi* K. Andersen, 1905. Ann. Mag. Nat. Hist., ser. 7, 15:70.
TYPE LOCALITY: Zimbabwe, Mazoe.
DISTRIBUTION: Transvaal (South Africa), Namibia, S Angola, N and W Botswana, Zimbabwe, Malawi, Mozambique, Tanzania.
SYNONYMS: *barbertonensis*, *damarensis*.
COMMENTS: Includes *barbertonensis*; see Hayman and Hill (1971:23).
- Rhinolophus deckenii* Peters, 1867. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1867:705.
TYPE LOCALITY: Tanzania, "Zanzibar coast" (mainland opposite Zanzibar).
DISTRIBUTION: Uganda, Kenya, Tanzania, Zanzibar and Pemba.
COMMENTS: Treated as a subspecies of *clivosus* by Hayman and Hill (1971:23); but see Koopman (1975:386).
- Rhinolophus denti* Thomas, 1904. Ann. Mag. Nat. Hist., ser. 7, 13:386.
TYPE LOCALITY: South Africa, Cape Province, Kuruman.
DISTRIBUTION: N Cape Prov. (South Africa), Namibia, Botswana, Zimbabwe, Mozambique, Guinea, Ivory Coast, Ghana.
SYNONYMS: *knorri*.
- Rhinolophus eloquens* K. Andersen, 1905. Ann. Mag. Nat. Hist., ser. 7, 15:74.
TYPE LOCALITY: Uganda, Entebbe.
DISTRIBUTION: Uganda, S Somalia, S Sudan, NE Zaire, Kenya, Rwanda, N Tanzania, Zanzibar and Pemba.
SYNONYMS: *perauritus*.
COMMENTS: Includes *perauritus*; see Koopman (1975:389).
- Rhinolophus euryale* Blasius, 1853. Arch. Naturgesch., 19(1):49.
TYPE LOCALITY: Italy, Milan.
DISTRIBUTION: Transcaucasia to Israel and S Europe; Turkmenistan; Iran; Algeria; Morocco; Tunisia; various Mediterranean islands; perhaps Egypt.
SYNONYMS: *algirus*, *atlanticus*, *barbarus*, *cabrerae*, *judaicus*, *meridionalis*, *nordmanni*, *toscanus*.
COMMENTS: Revised by DeBlase (1972).
- Rhinolophus euryotis* Temminck, 1835. Monogr. Mamm., 2:26.
TYPE LOCALITY: Indonesia, Molucca Isls, Amboina Isl.
DISTRIBUTION: Aru Isls, Buru, Amboina, Seram, and Timor Laut Isls, Kei Isls, Halmahera, and Sulawesi (Indonesia); New Guinea; Bismarck Arch.; adjacent small islands.
SYNONYMS: *aruensis*, *burius*, *praestens*, *tatar*, *timidus*.
- Rhinolophus ferrumequinum* (Schreber, 1774). Die Säugethiere, 1:174, pl. 62.
TYPE LOCALITY: France.

DISTRIBUTION: S England to Caucasus Mtns south to Morocco and Tunisia (but not Egypt) through Iran and Himalayas to China and Japan; adjacent small islands.

SYNONYMS: *brevitarsus*, *colchicus*, *creticum*, *equinus*, *fudisanus*, *germanicus*, *hippocrepis*, *homodorensis*, *homorodalmasiensis*, *insulanus*, *irani*, *italicus*, *korai*, *kosidanus*, *martinoi*, *mikadoi*, *nippon*, *norikuranus*, *obscurus*, *ogasimanus*, *proximus*, *quelpartis*, *regulus*, *rubiginosus*, *typicus*, *tragatus*, *ungula*, *unihastatus*.

COMMENTS: Revised by Strelkov et al. (1978).

Rhinolophus fumigatus Rüppell, 1842. Mus. Senckenbergianum, 3:132, 155.

TYPE LOCALITY: Ethiopia, Shoa.

DISTRIBUTION: Somalia, Ethiopia, Sudan, Kenya, Tanzania, Rwanda, Burundi, Zaire, Nigeria, Sierra Leone, Togo, Benin, Senegal, Gambia, Guinea, Burkina Faso, Ghana, Niger, Nigeria, Cameroon, Central African Republic, Zambia, Malawi, Zimbabwe, Mozambique, Angola, Namibia, South Africa.

SYNONYMS: *abae*, *aethiops*, *antinatorii*, *diversus*, *exsul*, *foxi*, *macrocephalus*.

COMMENTS: Does not include *eloquens* or *perauritus*, but does include *aethiops*; see Koopman (1975:389-390).

Rhinolophus guineensis Eisentraut, 1960. Stygg. Beitr. Naturk., 39:1.

TYPE LOCALITY: Guinea, Tahiré (foot of Kelesi Plateau).

DISTRIBUTION: Guinea, Sierra Leone, Liberia.

COMMENTS: Originally described as a subspecies of *R. landeri*, but see Böhme and Hutterer (1979) who demonstrated that it was a separate species.

Rhinolophus hildebrandti Peters, 1878. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1878:195.

TYPE LOCALITY: Kenya, Taita, Ndi.

DISTRIBUTION: Transvaal (South Africa) and Mozambique to Ethiopia, S Sudan, and NE Zaire.

Rhinolophus hipposideros (Bechstein, 1800). In Pennant, Allgemeine Ueber. Vierfuss. Thiere, 2:629.

TYPE LOCALITY: France.

DISTRIBUTION: Ireland, Iberia and Morocco through S Europe and N Africa to Kirghizia and Kashmir; Arabia; Sudan; Ethiopia.

SYNONYMS: *anomalus*, *bihastatus*, *bifer*, *escalerae*, *helvetica*, *intermedius*, *kashyiriensis*, *majori*, *midas*, *minimus*, *minutus*, *moravicus*, *pallidus*, *phasma*, *trogophilus*, *typus*, *vespa*.

COMMENTS: Revised by Felten et al. (1977).

Rhinolophus imaizumii Hill and Yoshiyuki, 1980. Bull. Natl. Sci. Mus. Tokyo, ser. A (Zool.), 6:180.

TYPE LOCALITY: Japan, Ryukyu Isls, Yayeyama Isls, Iriomote Isl, Otomi-do cave.

DISTRIBUTION: Iriomote Isl (Ryukyu Isls).

Rhinolophus inops K. Andersen, 1905. Ann. Mag. Nat. Hist., ser. 7, 16:284, 651.

TYPE LOCALITY: Philippines, Mindanao, Davao, Mt. Apo, Todaya, 1,325 m.

DISTRIBUTION: Mindanao (Philippines).

Rhinolophus keyensis Peters, 1871. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1871:371.

TYPE LOCALITY: Indonesia, Molucca Isls, Kei Isl.

DISTRIBUTION: Batchian Isl (Halmahera Isls), Seram, Goram Isl (SE of Seram), Kei Isls, Wetter Isl (Flores Sea) (Indonesia).

SYNONYMS: *annectens*, *nanus*, *truncatus*.

Rhinolophus landeri Martin, 1838. Proc. Zool. Soc. Lond., 1837:101 [1838].

TYPE LOCALITY: Equatorial Guinea, Bioko.

DISTRIBUTION: Senegal to Ethiopia and Somalia, south to South Africa and Namibia; Bioko; Zanzibar.

SYNONYMS: *angolensis*, *axillaris*, *dobsoni*, *lobatus*.

COMMENTS: Includes *angolensis*, *dobsoni*, and *guineensis*, but not *brockmani* according to Hayman and Hill (1971) and Koopman (1975:388); but see Böhme and Hutterer (1979:306-307) who correctly treated *guineensis* as a separate species.

Rhinolophus lepidus Blyth, 1844. J. Asiat. Soc. Bengal, 13:486.

TYPE LOCALITY: India, Bengal, Calcutta (uncertain).

- DISTRIBUTION: Afghanistan, N India, Burma, Thailand, Szechwan and Yunnan (China), W Malaysia, Sumatra.
SYNONYMS: *cuneatus*, *feae*, *monticola*, *refulgens*, *shortridgei*.
COMMENTS: Includes *feae*, *monticola*, and *refulgens*; see Hill and Yoshiyuki (1980:180, 186); but also see Sinha (1973:620-621) who considered *monticola* a distinct species.
- Rhinolophus luctus* Temminck, 1835. Monogr. Mamm., 2:24.
TYPE LOCALITY: Indonesia, Java.
DISTRIBUTION: India (including Sikkim), Nepal, Burma, Sri Lanka, S China, Taiwan, Vietnam, Laos, Thailand, Malay Peninsula, Borneo, Sumatra, Java, and Bali.
SYNONYMS: *beddomei*, *foetidus*, *formosae*, *lanosus*, *morio*, *perniger*, *sobrinus*, *spurcus*.
COMMENTS: Includes *lanosus*; see Ellerman and Morrison-Scott (1951:121).
- Rhinolophus maclaudi* Pousargues, 1897. Bull. Mus. Hist. Nat. Paris, 3:358.
TYPE LOCALITY: Guinea, Conakry.
DISTRIBUTION: Guinea, Liberia, E Zaire, W Uganda, Rwanda.
SYNONYMS: *hilli*, *ruwenzorii* (see Smith and Hood, 1980:170).
- Rhinolophus macrotis* Blyth, 1844. J. Asiat. Soc. Bengal, 13:485.
TYPE LOCALITY: Nepal.
DISTRIBUTION: N India to S China, Vietnam, and W Malaysia; Sumatra; Philippines.
SYNONYMS: *caldwelli*, *dohrni*, *episcopus*, *hirsutus*, *siamensis*.
COMMENTS: Includes *episcopus* and *hirsutus*; see Ellerman and Morrison-Scott (1951:122) and Tate (1943:2). Corbet and Hill (1980:48) listed *hirsutus* as a distinct species without comment.
- Rhinolophus malayanus* Bonhote, 1903. In N. Annandale, Fasciculi Malayenses, Zool., 1:15.
TYPE LOCALITY: Thailand, Patani, Biserat.
DISTRIBUTION: W Malaysia, Thailand, Laos, Vietnam.
- Rhinolophus marshalli* Thonglongya, 1973. Mammalia, 37:590.
TYPE LOCALITY: Thailand, Chantaburi, Amphoe Pong Nam Ron, foothills of Khao Soi Dao Thai.
DISTRIBUTION: Thailand.
- Rhinolophus megaphyllus* Gray, 1834. Proc. Zool. Soc. Lond., 1834:52.
TYPE LOCALITY: Australia, New South Wales, Murrumbidgee River.
DISTRIBUTION: E New Guinea; Misima Isl (Louisiade Arch.), Goodenough Isl (D'Entrecasteaux Isls), and Bismark Arch. (Papua New Guinea); E Queensland, E New South Wales, and E Victoria (Australia).
SYNONYMS: *fallax*, *ignifer*, *monachus*, *vandeuseni*.
- Rhinolophus mehelyi* Matschie, 1901. Sitzb. Ges. Naturf. Fr. Berlin, p. 225.
TYPE LOCALITY: Rumania, Bucharest.
DISTRIBUTION: Portugal, Spain, France, Rumania, Yugoslavia, Bulgaria, Greece, Transcaucasia; Morocco to Cyrenaica (Libya); Mediterranean islands, Iran, Afghanistan, Asia Minor, Israel, Egypt.
SYNONYMS: *carpentanus*, *tunetae*.
COMMENTS: Revised by DeBlase (1972).
- Rhinolophus mitratus* Blyth, 1844. J. Asiat. Soc. Bengal, 13:483.
TYPE LOCALITY: India, Orissa, Chaibassa.
DISTRIBUTION: N India.
- Rhinolophus monoceros* K. Andersen, 1905. Proc. Zool. Soc. Lond., 1905:131.
TYPE LOCALITY: Taiwan, Baksa.
DISTRIBUTION: Taiwan.
COMMENTS: Probably a subspecies of *cornutus*.
- Rhinolophus nereis* K. Andersen, 1905. Proc. Zool. Soc. Lond., 1905:90.
TYPE LOCALITY: Indonesia, Anamba Isls, Siantan Isl.
DISTRIBUTION: Anamba and North Natuna Isls (Indonesia).
- Rhinolophus osgoodi* Sanborn, 1939. Field Mus. Nat. Hist. Publ., Zool. Ser., 24:40.
TYPE LOCALITY: China, Yunnan, N of Likiang, Nguluko.

- DISTRIBUTION: Yunnan (China).
- Rhinolophus paradoxolophus* (Bourret, 1951). Bull. Mus. Hist. Nat. Paris, ser. 2, 33:607.
TYPE LOCALITY: Vietnam, Tonkin, Lao Key, near Chapa, 1,700 m.
DISTRIBUTION: Vietnam, Thailand.
- Rhinolophus pearsoni* Horsfield, 1851. Cat. Mamm. Mus. E. India Co., p. 33.
TYPE LOCALITY: India, W Bengal, Darjeeling.
DISTRIBUTION: N India; Burma; Szechwan, Anhwei, and Fukien (China) to Vietnam; Thailand; W Malaysia.
SYNONYMS: *chinensis*.
- Rhinolophus philippinensis* Waterhouse, 1843. Proc. Zool. Soc. Lond., 1843:68.
TYPE LOCALITY: Philippines, Luzon.
DISTRIBUTION: Mindoro, Luzon, Mindanao and Negros (Phillipines); Kei Isls, Sulawesi and Timor (Indonesia); Borneo; New Guinea; NE Queensland (Australia).
SYNONYMS: *achilles*, *alleni*, *maros*, *montanus*, *robertsi*, *sanborni*.
- Rhinolophus pusillus* Temminck, 1834. Tijdschr. Nat. Gesch. Physiol., 1:29.
TYPE LOCALITY: Indonesia, Java.
DISTRIBUTION: India; Thailand; W Malaysia; Mentawai Isls, Java and Lesser Sunda Isls (Indonesia), small adjacent islands.
SYNONYMS: *blythi*, *calidus*, *gracilis*, *minutillus*, *pagi*, *parcus*, *szechwanus*.
COMMENTS: Includes *blythi*, *minutillus*, and *pagi*; see Hill and Yoshiyuki (1980:186). Corbet and Hill (1980:49) listed *minutillus* as a distinct species without comment.
- Rhinolophus rex* G. M. Allen, 1923. Am. Mus. Novit., 85:3.
TYPE LOCALITY: China, Szechwan, Wanhsien.
DISTRIBUTION: SW China.
- Rhinolophus robinsoni* K. Andersen, 1918. Ann. Mag. Nat. Hist., ser. 9, 2:375.
TYPE LOCALITY: Thailand, Surat Thani, Bandon.
DISTRIBUTION: W Malaysia, Thailand, adjacent small islands.
SYNONYMS: *klossi*.
COMMENTS: Includes *klossi*; see Medway (1969:24).
- Rhinolophus rouxi* Temminck, 1835. Monogr. Mamm., 2:306.
TYPE LOCALITY: India, Pondicherry and Calcutta.
DISTRIBUTION: Sri Lanka and India to S China and Vietnam.
SYNONYMS: *cinerascens*, *fulvidus*, *petersi*, *rammanika*, *rubidus*, *sinicus*.
COMMENTS: Includes *petersi*; see Sinha (1973:614, 615).
- Rhinolophus rufus* Eydoux and Gervais, 1836. In Laplace, Voy. autour du monde par les mers de l'Inde...la Favorite, 5(Zoologie), pt. 2:9.
TYPE LOCALITY: Philippines, Luzon, Manila.
DISTRIBUTION: Philippines.
COMMENTS: Name revived by Lawrence (1939:47-50).
- Rhinolophus sedulus* K. Andersen, 1905. Ann. Mag. Nat. Hist., ser. 7, 16:247.
TYPE LOCALITY: Malaysia, Sarawak.
DISTRIBUTION: W Malaysia, Borneo.
COMMENTS: Does not include *edax*; see Tate (1943:3, 4), but also see Chasen (1940:40).
- Rhinolophus shameli* Tate, 1943. Am. Mus. Novit., 1219:3.
TYPE LOCALITY: Thailand, Koh Chang Isl.
DISTRIBUTION: Burma, Thailand, Cambodia, W Malaysia.
COMMENTS: Described as a subspecies of *coelophyllus*, but see Hill and Thonglongya (1972:183-186).
- Rhinolophus silvestris* Aellen, 1959. Arch. Sci. Phys. Nat. Geneve, 42:228.
TYPE LOCALITY: Gabon, Latoursville, N'Dumbu Cave.
DISTRIBUTION: Gabon, Congo Republic.
COMMENTS: Considered a subspecies of *clivosus* by Hayman and Hill (1971:23), but see Koopman (1975:386).

- Rhinolophus simplex* K. Andersen, 1905. Proc. Zool. Soc. Lond., 1905:76.
TYPE LOCALITY: Indonesia, Lesser Sunda Isls, Lombok, 2,500 ft. (762 m).
DISTRIBUTION: Lombok, Sumbawa, and Komodo Isl (Lesser Sunda Isls).
- Rhinolophus simulator* K. Andersen, 1904. Ann. Mag. Nat. Hist., ser. 7, 14:384.
TYPE LOCALITY: Zimbabwe, Mazoe.
DISTRIBUTION: South Africa to S Sudan and Ethiopia; Cameroon; Nigeria; Guinea.
SYNONYMS: *alticolus*, *bembanicus*.
COMMENTS: Includes *alticolus* and *bembanicus*; see Koopman (1975:387) and Hayman and Hill (1971:25).
- Rhinolophus stheno* K. Andersen, 1905. Proc. Zool. Soc. Lond., 1905:91.
TYPE LOCALITY: Malaysia, Selangor.
DISTRIBUTION: W Malaysia; Thailand; Sumatra and Java (Indonesia).
- Rhinolophus subbadius* Blyth, 1844. J. Asiat. Soc. Bengal, 13:486.
TYPE LOCALITY: Nepal.
DISTRIBUTION: Assam (India), Nepal, Vietnam, Burma.
- Rhinolophus subrufus* K. Andersen, 1905. Ann. Mag. Nat. Hist., ser. 7, 16:283.
TYPE LOCALITY: Philippines, Luzon, Manila.
DISTRIBUTION: Philippines.
SYNONYMS: *bunkerii*.
COMMENTS: Includes *bunkerii*; see Lawrence (1939:52, 53).
- Rhinolophus swinnyi* Gough, 1908. Ann. Transvaal Mus., 1:72.
TYPE LOCALITY: South Africa, Cape Prov., Pondoland, Ngqeleni Dist.
DISTRIBUTION: South Africa to S Zaire and Zanzibar.
SYNONYMS: *piriensis*, *rhodesiae*.
COMMENTS: Probably a subspecies of *denti*.
- Rhinolophus thomasi* K. Andersen, 1905. Proc. Zool. Soc. Lond., 1905:100.
TYPE LOCALITY: Burma, Karin Hills.
DISTRIBUTION: Burma, Vietnam, Thailand, Yunnan (China).
SYNONYMS: *latifolius*, *septentrionalis*.
- Rhinolophus trifoliatus* Temminck, 1834. Tijdschr. Nat. Gesch. Physiol., 1:24.
TYPE LOCALITY: Indonesia, Java.
DISTRIBUTION: Malay Peninsula, SW Thailand, Burma, NE India, Borneo, Sumatra, Riau Archipelago, Banguay Isl, Java, Banka Isl and Nias Isl.
SYNONYMS: *edax*, *niasensis*, *solitarius*.
COMMENTS: Includes *edax*, see Tate (1943:3); but also see Chasen (1940:40, 41).
- Rhinolophus virgo* K. Andersen, 1905. Proc. Zool. Soc. Lond., 1905:88.
TYPE LOCALITY: Philippines, Luzon, Camarines Sur, Pasacao.
DISTRIBUTION: Philippines.
- Rhinolophus yunanensis* Dobson, 1872. J. Asiat. Soc. Bengal, 41:336.
TYPE LOCALITY: China, Yunnan, Hotha.
DISTRIBUTION: Yunnan (China), Thailand, NE India.
COMMENTS: See Lekagul and McNeely (1977:152, 154) for distinction of this species from *pearsoni*.

Subfamily Hipposiderinae Lydekker, 1891. In Flower and Lydekker, Mamm., Living and Extinct, p. 657.

- Anthops* Thomas, 1888. Ann. Mag. Nat. Hist., ser. 6, 1:156.
TYPE SPECIES: *Anthops ornatus* Thomas, 1888.
- Anthops ornatus* Thomas, 1888. Ann. Mag. Nat. Hist., ser. 6, 1:156.
TYPE LOCALITY: Solomon Isls, Guadalcanal Isl, Aola.
DISTRIBUTION: Solomon Isls.

- Asellia* Gray, 1838. Mag. Zool. Bot., 2:493.
TYPE SPECIES: *Rhinolophus tridens* E. Geoffroy, 1813.
- Asellia patrizii* DeBeaux, 1931. Ann. Mus. Civ. Stor. Nat. Genova, 55:186.
TYPE LOCALITY: Ethiopia, Dancalia, Gaare.
DISTRIBUTION: N Ethiopia and islands in the Red Sea.
- Asellia tridens* (E. Geoffroy, 1813). Ann. Mus. Hist. Nat. Paris, 20:265.
TYPE LOCALITY: Egypt, Qena, near Luxor.
DISTRIBUTION: Pakistan to Arabia, Sinai peninsula (NE Egypt) and Israel; Egypt to Morocco, Senegal, Chad, Sudan and S Somalia; Socotra (Yemen); perhaps Zanzibar.
SYNONYMS: *diluta*, *italosomalica*, *murraiana*, *pallida*.
- Aselliscus* Tate, 1941. Am. Mus. Novit., 1140:2.
TYPE SPECIES: *Rhinolophus tricuspispidatus* Temminck, 1835.
- Aselliscus stoliczkanus* (Dobson, 1871). Proc. Asiat. Soc. Bengal, p. 106.
TYPE LOCALITY: Malaysia, West, Penang.
DISTRIBUTION: Burma, S China, Thailand, Laos, Vietnam, W Malaysia.
SYNONYMS: *trifidus*, *wheeleri* (see Sanborn, 1952b:3).
- Aselliscus tricuspispidatus* (Temminck, 1835). Monogr. Mamm., 2:20.
TYPE LOCALITY: Indonesia, Molucca Isls, Amboina.
DISTRIBUTION: Molucca Isls, New Guinea, Bismarck Arch., Solomon Isls (including Santa Cruz Isls), Vanuatu (= New Hebrides), adjacent small islands.
SYNONYMS: *koopmani*, *novaeguinae*, *novaehebridensis*.
COMMENTS: Revised by Schlitter et al. (1983).
- Cloetis* Thomas, 1901. Ann. Mag. Nat. Hist., ser. 7, 8:28.
TYPE SPECIES: *Cloetis percivali* Thomas, 1901.
COMMENTS: Reviewed by Hill (1982).
- Cloetis percivali* Thomas, 1901. Ann. Mag. Nat. Hist., ser. 7, 8:28.
TYPE LOCALITY: Kenya, Coast Prov., Takaungu.
DISTRIBUTION: Kenya, Tanzania, S Zaire, Mozambique, Zambia, Zimbabwe, SE Botswana, Swaziland, Transvaal (South Africa).
SYNONYMS: *australis*.
- Coelops* Blyth, 1848. J. Asiat. Soc. Bengal, 17:251.
TYPE SPECIES: *Coelops frithii* Blyth, 1848.
SYNONYMS: *Chilophylla*.
COMMENTS: Includes *Chilophylla*; see Ellerman and Morrison-Scott (1951:131).
- Coelops frithi* Blyth, 1848. J. Asiat. Soc. Bengal, 17:251.
TYPE LOCALITY: India, Bengal, Sunderbans.
DISTRIBUTION: NE India to S China and Vietnam, south to W Malaysia, Taiwan, and Java and Bali.
SYNONYMS: *bernsteini*, *formosanus*, *inflatus*, *sinicus*.
- Coelops hirsutus* (Miller, 1911). Proc. U.S. Natl. Mus., 38:395.
TYPE LOCALITY: Philippines, Mindoro Isl, Alag River.
DISTRIBUTION: Mindoro (Philippines).
COMMENTS: Probably a subspecies of *robinsoni*; see Hill (1972:30).
- Coelops robinsoni* Bonhote, 1908. J. Fed. Malay St. Mus., 3:4.
TYPE LOCALITY: Malaya, Pahang, foot of Mt. Tahan.
DISTRIBUTION: W Malaysia, Borneo. The record from Thailand is in error; see Hill (1983:152).
- Hipposideros* Gray, 1831. Zool. Misc., 1:37.
TYPE SPECIES: *Vespertilio speoris* Schneider, 1800.
COMMENTS: Revised by Hill (1963b).

- Hipposideros abae* J. A. Allen, 1917. Bull. Am. Mus. Nat. Hist., 37:432.
 TYPE LOCALITY: Zaire, Oriental, Aba.
 DISTRIBUTION: Guinea-Bissau to SW Sudan and Uganda.
- Hipposideros armiger* (Hodgson, 1835). J. Asiat. Soc. Bengal, 4:699.
 TYPE LOCALITY: Nepal.
 DISTRIBUTION: N India, Nepal, Burma, S China, Vietnam, Laos, Thailand, Malay Peninsula, Taiwan.
 SYNONYMS: *debilis*, *swinhoei*, *terasensis*, *tranninhensis*.
 COMMENTS: Includes *terasensis*, but see Yoshiyuki (1991).
- Hipposideros ater* Templeton, 1848. J. Asiat. Soc. Bengal, 17:252.
 TYPE LOCALITY: Sri Lanka, Western Prov., Colombo.
 DISTRIBUTION: Sri Lanka; India to W Malaysia, through Philippines, Indonesia, and New Guinea to N Queensland, N Northern Territory, and N Western Australia (Australia).
 SYNONYMS: *albaniensis*, *amboiensis*, *antricola*, *aruensis*, *atratus*, *gilberti*, *nicobarulae*, *saevus*, *toala*.
 COMMENTS: Formerly included in *bicolor*, but see Hill (1963b:30).
- Hipposideros beatus* K. Andersen, 1906. Ann. Mag. Nat. Hist., ser. 7, 17:279.
 TYPE LOCALITY: Equatorial Guinea, Rio Muni, 15 mi. (24 km) from Benito River.
 DISTRIBUTION: Guinea-Bissau, Sierra Leone, Liberia, Ghana, Ivory Coast, Nigeria, Cameroon, Rio Muni (Equatorial Guinea), Gabon, N Zaire.
 SYNONYMS: *maximus*.
- Hipposideros bicolor* (Temminck, 1834). Tijdschr. Nat. Gesch. Physiol., 1:19.
 TYPE LOCALITY: Indonesia, Java, Anger coast.
 DISTRIBUTION: Malaysia to the Philippines, Timor (Indonesia), and adjacent small islands.
 SYNONYMS: *atrox*, *erigens*, *javanicus*, *major*.
 COMMENTS: Includes *erigens*; see Hill (1963b:27). Does not include *pomona*, *gentilis*, or *macrobullatus*; see Hill et al. (1986).
- Hipposideros breviceps* Tate, 1941. Bull. Am. Mus. Nat. Hist., 78:358.
 TYPE LOCALITY: Indonesia, Sumatra, Mentawai Isls, N Pagi Isl.
 DISTRIBUTION: Mentawai Isls (Indonesia).
- Hipposideros caffer* (Sundevall, 1846). Ofv. Kongl. Svenska Vet.-Akad. Forhandl. Stockholm, 3(4):118.
 TYPE LOCALITY: South Africa, Natal, near Durban.
 DISTRIBUTION: Most of subsaharan Africa except the central forested region; Morocco; Yemen; Zanzibar and Pemba.
 SYNONYMS: *angolensis*, *aurantiaca*, *bicornis*, *braima*, *gracilis*, *nanus*, *tephros* (see Hayman and Hill, 1971:29).
- Hipposideros calcaratus* (Dobson, 1877). Proc. Zool. Soc. Lond., 1877:122.
 TYPE LOCALITY: Papua New Guinea, Bismarck Archipelago, Duke of York Isl.
 DISTRIBUTION: New Guinea, Bismarck Arch., Solomon Isls, adjacent small islands.
 SYNONYMS: *cupidus*.
 COMMENTS: Includes *cupidus*; see Smith and Hill (1981:8).
- Hipposideros camerunensis* Eisentraut, 1956. Zool. Jahrb. Abt. Syst. Oekol. Geogr. Tiere, 84:526.
 TYPE LOCALITY: Cameroon, near Buea.
 DISTRIBUTION: Cameroon, E Zaire, W Kenya.
- Hipposideros cervinus* (Gould, 1863). Mamm. Austr., 3: pl. 34.
 TYPE LOCALITY: Australia, Queensland, Cape York.
 DISTRIBUTION: W Malaysia, Sumatra, and the Philippines to Vanuatu (= New Hebrides) and NE Australia.
 SYNONYMS: *batchianensis*, *celebensis*, *labuanensis*, *misoriensis*, *schneideri*.
 COMMENTS: Considered distinct from *galeritus* (in which it was formerly included) by Jenkins and Hill (1981).
- Hipposideros cineraceus* Blyth, 1853. J. Asiat. Soc. Bengal, 22:410.
 TYPE LOCALITY: Pakistan, Punjab, Salt Range, near Pind Dadan Khan.

- DISTRIBUTION: Pakistan to Vietnam and Borneo; adjacent small islands; probably the Philippines.
 SYNONYMS: *durgadasi*, *micropus*, *wrighti*?.
 COMMENTS: Includes *durgadasi*; but see Khajuria (1982:288). Probably includes *wrighti*, see Hill and Francis (1984:308).
- Hipposideros commersoni* (E. Geoffroy, 1813). Ann. Mus. Hist. Nat. Paris, 20:263.
 TYPE LOCALITY: Madagascar, Fort Dauphin.
 DISTRIBUTION: Gambia to Ethiopia, south to Namibia, Botswana, Transvaal (South Africa) and Mozambique; Madagascar; adjacent small islands, including Saõ Thomé.
 SYNONYMS: *gambiensis*, *gigas*, *marungensis*, *mostellum*, *niangarae*, *thomensis*, *viegasi*, *vittata*.
- Hipposideros coronatus* (Peters, 1871). Monatsb. K. Preuss. Akad. Wiss. Berlin, 1871:327.
 TYPE LOCALITY: Philippines, Mindanao, Surigao, Mainit.
 DISTRIBUTION: NE Mindanao (Philippines).
- Hipposideros corynophyllus* Hill, 1985. Mammalia, 49:527.
 TYPE LOCALITY: Papua New Guinea, W Sepik, 3 km ENE Telephomin, 1800 m.
 DISTRIBUTION: C New Guinea.
- Hipposideros coxi* Shelford, 1901. Ann. Mag. Nat. Hist., ser. 7, 8:113.
 TYPE LOCALITY: Malaysia, Sarawak, Mt. Penrisen, 4,200 ft. (1,280 m).
 DISTRIBUTION: Sarawak (Borneo, Malaysian part).
- Hipposideros crumeniferus* Lesueur and Petit, 1807. In Peron, Voyage Decouv. Terres Australes, Atlas, pl. 35.
 TYPE LOCALITY: Indonesia, Timor.
 DISTRIBUTION: Timor (Indonesia).
 COMMENTS: Based on plate only; not certainly determinable; see Laurie and Hill (1954:56) and Hill (1963b:23).
- Hipposideros curtus* G. M. Allen, 1921. Rev. Zool. Afr., 9:194.
 TYPE LOCALITY: Cameroon, Sakbayeme.
 DISTRIBUTION: Cameroon, Bioko, perhaps Nigeria.
 SYNONYMS: *sandersoni*.
 COMMENTS: Includes *sandersoni*; see Hill (1963b:60).
- Hipposideros cyclops* (Temminck, 1853). Esquisses Zool. sur la Côte de Guine, p. 75.
 TYPE LOCALITY: Ghana, Boutry River.
 DISTRIBUTION: Kenya and S Sudan to Senegal and Guinea-Bissau; Bioko.
 SYNONYMS: *langi*, *micaceus*.
- Hipposideros diadema* (E. Geoffroy, 1813). Ann. Mus. Hist. Nat. Paris, 20:263.
 TYPE LOCALITY: Indonesia, Lesser Sunda Isls, Timor Isl.
 DISTRIBUTION: Burma and Vietnam through Thailand, W Malaysia and Indonesia to New Guinea, Bismarck Arch., Solomon Isls and NE and NC Australia; Philippines; Nicobar Isls.
 SYNONYMS: *andersoni*, *ceramensis*, *custos*, *demissus*, *enganus*, *euotis*, *griseus*, *inornatus*, *malaitensis*, *masoni*, *mirandus*, *natunensis*, *nicobarensis*, *nobilis*, *oceanitis*, *ornatus*, *pullatus*, *reginae*, *speculator*, *trobrius*, *vicarius*.
- Hipposideros dinops* K. Andersen, 1905. Ann. Mag. Nat. Hist., ser. 7, 16:502.
 TYPE LOCALITY: Solomon Isls, New Georgia Group, Rubiana Isl.
 DISTRIBUTION: Rubiana, Ysabel, Malaita and Bougainville Isls (Solomon Isls); Peleng Isl and Sulawesi (Indonesia).
 SYNONYMS: *pelingensis*.
 COMMENTS: Includes *pelingensis*; see Hill (1963b:113).
- Hipposideros doriae* (Peters, 1871). Monatsb. K. Preuss. Akad. Wiss. Berlin, 1871:326.
 TYPE LOCALITY: Malaysia, Sarawak.
 DISTRIBUTION: Borneo.
 COMMENTS: May be an earlier name for *sabanus*, which it antedates; see Hill (1963b:24, 46, 47).

- Hipposideros dyacorum* Thomas, 1902. Ann. Mag. Nat. Hist., ser. 7, 9:271.
TYPE LOCALITY: Malaysia, Sarawak, Baram, Mt. Mulu.
DISTRIBUTION: Borneo, peninsular Thailand.
- Hipposideros fuliginosus* (Temminck, 1853). Esquisses Zool. sur la Côte de Guine, p. 77.
TYPE LOCALITY: Ghana.
DISTRIBUTION: Liberia to Zaire and Ethiopia.
- Hipposideros fulvus* Gray, 1838. Mag. Zool. Bot., 2:492.
TYPE LOCALITY: India, Karnatika, Dharwar.
DISTRIBUTION: Pakistan to Vietnam, south to Sri Lanka.
SYNONYMS: *aurita*, *fulgens*, *murinus*, *pallidus*.
- Hipposideros galeritus* Cantor, 1846. J. Asiat. Soc. Bengal, 15:183.
TYPE LOCALITY: Malaysia, Penang.
DISTRIBUTION: Sri Lanka and India through SE Asia to Java and Borneo.
SYNONYMS: *brachyotis*, *insolens*, *longicauda*.
COMMENTS: Includes *longicauda*; see Hill (1963b:56). Formerly included *cervinus*; but see Jenkins and Hill (1981).
- Hipposideros halophyllus* Hill and Yenbutra, 1984. Bull. Brit. Mus. (Nat. Hist.) Zool., 47:77.
TYPE LOCALITY: Thailand, Lop Buri, Tha Woong, Khao Sa Moa Khan.
DISTRIBUTION: Thailand.
- Hipposideros inexpectatus* Laurie and Hill, 1954. List of land mammals of New Guinea, Celebes, and adjacent islands, p. 60.
TYPE LOCALITY: Indonesia, Sulawesi, Poso (= Posso).
DISTRIBUTION: N Sulawesi (Indonesia).
- Hipposideros jonesi* Hayman, 1947. Ann. Mag. Nat. Hist., ser. 11, 14:71.
TYPE LOCALITY: Sierra Leone, Makeni.
DISTRIBUTION: Sierra Leone and Guinea to Mali, Burkina Faso and Nigeria.
- Hipposideros lamottei* Brosset, 1984. Mammalia, 48:548.
TYPE LOCALITY: Guinea, Mt. Nimba, Pierre Richaud.
DISTRIBUTION: Mt. Nimba on Guinea-Liberia border, but probably more widespread.
COMMENTS: Distinction from *H. ruber* is not entirely clear.
- Hipposideros lankadiva* Kelaart, 1850. J. Sri Lanka Branch Asiat. Soc., 2(2):216.
TYPE LOCALITY: Sri Lanka, Kandy.
DISTRIBUTION: Sri Lanka, S and C India.
SYNONYMS: *indus*, *mixtus*, *unitus*.
- Hipposideros larvatus* (Horsfield, 1823). Zool. Res. Java, 6, pl. 9.
TYPE LOCALITY: Indonesia, Java.
DISTRIBUTION: Bangladesh to Vietnam; Yunnan, Kwangsi and Hainan (China); and through W Malaysia to Sumatra, Java, Borneo, and Sumba (Indonesia), and adjacent small islands.
SYNONYMS: *alongensis*, *barbensis*, *deformis*, *grandis*, *insignis*, *leptophyllus*, *neglectus*, *poutensis*, *sumbae*, *vulgaris*.
- Hipposideros lekaguli* Thonglongya and Hill, 1974. Mammalia, 38:286.
TYPE LOCALITY: Thailand, Saraburi, Kaeng Khoi, Phu Nam Tok Tak Kwang.
DISTRIBUTION: Thailand.
- Hipposideros lylei* Thomas, 1913. Ann. Mag. Nat. Hist., ser. 8, 12:88.
TYPE LOCALITY: Thailand, 50 mi. (80 km) N Chiangmai, Chiangdao Cave.
DISTRIBUTION: Burma, Thailand, W Malaysia.
- Hipposideros macrobullatus* Tate, 1941. Bull. Am. Mus. Nat. Hist., 78:357.
TYPE LOCALITY: Indonesia, Sulawesi, Talassa (Maros).
DISTRIBUTION: Sulawesi, Ceram (Molucca Isls) and Kangean (Java Sea).
COMMENTS: Formerly included in *H. bicolor*, but see Hill et al. (1986).

- Hipposideros maggietaaylorae* Smith and Hill, 1981. Los Angeles Cty. Mus. Contrib. Sci., 331:9.
 TYPE LOCALITY: Papua New Guinea, Bismarck Arch., New Ireland, 1.3 km S, 3 km E, Lakuramau Plantation.
 DISTRIBUTION: New Guinea, Bismarck Arch.
 SYNONYMS: *erroris*.
 COMMENTS: Formerly confused with *H. calcaratus*; see Smith and Hill (1981).
- Hipposideros marisae* Aellen, 1954. Rev. Suisse Zool., 61:474.
 TYPE LOCALITY: Ivory Coast, Duekoue, White Leopard Rock.
 DISTRIBUTION: Ivory Coast, Liberia, Guinea.
- Hipposideros megalotis* (Heuglin, 1862). Nova Acta Acad. Caes. Leop.-Carol., Halle, 29(8):4, 8.
 TYPE LOCALITY: Ethiopia, Eritrea, Bogos Land, Keren.
 DISTRIBUTION: Ethiopia, Djibouti, Somalia, Kenya, Saudi Arabia.
- Hipposideros muscinus* (Thomas and Doria, 1886). Ann. Mus. Civ. Stor. Nat. Genova, 4:201.
 TYPE LOCALITY: Papua New Guinea, Western Prov., Fly River.
 DISTRIBUTION: New Guinea.
- Hipposideros nequam* K. Andersen, 1918. Ann. Mag. Nat. Hist., ser. 9, 2:380.
 TYPE LOCALITY: Malaysia, Selangor, Klang.
 DISTRIBUTION: Known only from the type locality.
 COMMENTS: See Hill (1963b:36).
- Hipposideros obscurus* (Peters, 1861). Monatsb. K. Preuss. Akad. Wiss. Berlin, 1861:707.
 TYPE LOCALITY: Philippines, Luzon, Camarines, Paracale.
 DISTRIBUTION: Philippines.
- Hipposideros papua* (Thomas and Doria, 1886). Ann. Mus. Civ. Stor. Nat. Genova, 4:204.
 TYPE LOCALITY: Indonesia, Irian Jaya, Tjenderawasih Div., Misori Isl (= Biak Isl), Korido.
 DISTRIBUTION: Biak Isl, W New Guinea, and N Molucca Isls; see Hill and Rozendaal (1989:103-104) for range.
 STATUS: IUCN - Rare.
- Hipposideros pomona* Andersen, 1918. Ann. Mag. Nat. Hist., ser. 9, 2:380, 381.
 TYPE LOCALITY: India, Mysore, Coorg, Haleri.
 DISTRIBUTION: India to S China and W Malaysia.
 SYNONYMS: *gentilis*, *sinensis*.
 COMMENTS: Formerly included in *H. bicolor* but see Hill et al. (1986).
- Hipposideros pratti* Thomas, 1891. Ann. Mag. Nat. Hist., ser. 6, 7:527.
 TYPE LOCALITY: China, Szechwan, Kiatingfu.
 DISTRIBUTION: S China, Burma, Thailand, Vietnam, W Malaysia.
- Hipposideros pygmaeus* (Waterhouse, 1843). Proc. Zool. Soc. Lond., 1843:67.
 TYPE LOCALITY: Philippines.
 DISTRIBUTION: Philippines.
- Hipposideros ridleyi* Robinson and Kloss, 1911. J. Fed. Malay St. Mus., 4:241.
 TYPE LOCALITY: Malaysia, Singapore, Botanic Gardens.
 DISTRIBUTION: W Malaysia, Borneo.
 STATUS: U.S. ESA - Endangered; IUCN - Indeterminate.
- Hipposideros ruber* (Noack, 1893). Zool. Jahrb. Abt. Syst. Oekol. Geogr. Tiere, 7:586.
 TYPE LOCALITY: Tanzania, Eastern Province, Ngerengere River.
 DISTRIBUTION: Senegal to Ethiopia, south to Angola, Zambia, Malawi, and Mozambique; Bioko; São Tomé and Príncipe.
 SYNONYMS: *centralis*, *guineensis*, *niapu*.
- Hipposideros sabanus* Thomas, 1898. Ann. Mag. Nat. Hist., ser. 7, 1:243.
 TYPE LOCALITY: Malaysia, Sarawak, Lawas.
 DISTRIBUTION: Borneo, Sumatra, W Malaysia.
 COMMENTS: Possibly a synonym of *doriae*; see Hill (1963b:47).
- Hipposideros schistaceus* K. Andersen, 1918. Ann. Mag. Nat. Hist., ser. 9, 2:382.
 TYPE LOCALITY: India, Karnatika, Bellary.

DISTRIBUTION: S India.

Hipposideros semoni Matschie, 1903. Denks. Med. Nat. Ges. Jena (Semon Zool. Forsch. Austr.), 8:774 (Heft 6:132).

TYPE LOCALITY: Australia, Queensland, Cooktown.

DISTRIBUTION: N Queensland (Australia), E New Guinea.

Hipposideros speoris (Schneider, 1800). In Schreber, Die Säugethiere, pl. 59b.

TYPE LOCALITY: India, Madras, Tranquebar.

DISTRIBUTION: Peninsular India, Sri Lanka.

SYNONYMS: *apiculatus*, *aureus*, *blythi*, *dukhunensis*, *marsupialis*, *pulchellus*, *templetonii*.

Hipposideros stenotis Thomas, 1913. Ann. Mag. Nat. Hist., ser. 8, 12:206.

TYPE LOCALITY: Australia, Northern Territory, Mary River.

DISTRIBUTION: Northern Territory, N Western Australia and N Queensland (Australia). A New Guinea record is probably erroneous, see Hill (1963b:87).

Hipposideros turpis Bangs, 1901. Am. Nat., 35:561.

TYPE LOCALITY: Japan, Ryukyu Isls, Sakishima Isls, Ishigaki Isl.

DISTRIBUTION: Peninsular Thailand; Ishigaki Isl, Yonakuni Isl and Iriomote Isl (S Ryukyu Isls, Japan).

SYNONYMS: *pendleburyi*.

Hipposideros wollastoni Thomas, 1913. Ann. Mag. Nat. Hist., ser. 8, 12:205.

TYPE LOCALITY: Indonesia, Irian Jaya, Utakwa River, 2,500 ft. (762 m).

DISTRIBUTION: W and C New Guinea.

Paracoelops Dorst, 1947. Bull. Mus. Hist. Nat. Paris, ser. 2, 19:436.

TYPE SPECIES: *Paracoelops megalotis* Dorst, 1947.

Paracoelops megalotis Dorst, 1947. Bull. Mus. Hist. Nat. Paris, ser. 2, 19:436.

TYPE LOCALITY: Vietnam, Annam, Vinh.

DISTRIBUTION: C Vietnam (known only from the type specimen).

Rhinonictoris Gray, 1847. Proc. Zool. Soc. Lond., 1847:16.

TYPE SPECIES: *Rhinolophus aurantius* Gray, 1845.

COMMENTS: *Rhinonictoris* is the correct spelling if original orthography is adhered to.

Rhinonycteris Gray, 1866, Proc. Zool. Soc. Lond., 1866:81, is sometimes used.

Reviewed by Hill (1982) who spelled it *Rhinonycteris*.

Rhinonictoris aurantia (Gray, 1845). In Eyre, Central Australia, 1:405.

TYPE LOCALITY: Australia, Northern Territory, Port Essington.

DISTRIBUTION: N Western Australia, Northern Territory and NW Queensland (Australia).

STATUS: IUCN - Insufficiently known.

Triaenops Dobson, 1871. J. Asiat. Soc. Bengal, 40:455.

TYPE SPECIES: *Triaenops persicus* Dobson, 1871.

COMMENTS: Reviewed by Hill (1982).

Triaenops furculus Trouessart, 1906. Bull. Mus. Hist. Nat. Paris, 1906, 7:446.

TYPE LOCALITY: Madagascar, near Tulear, St. Augustine Bay.

DISTRIBUTION: N and W Madagascar, Aldabra Isl.

SYNONYMS: *aurita*.

COMMENTS: Includes *aurita*; see Hayman and Hill (1971:30).

Triaenops persicus Dobson, 1871. J. Asiat. Soc. Bengal, 40:455.

TYPE LOCALITY: Iran, Shiraz, 4,750 ft. (1,448 m).

DISTRIBUTION: Somalia, Ethiopia, Kenya, Tanzania, Uganda, Angola, Zanzibar, Mozambique, Yemen, Oman, Congo Republic, Iran, perhaps Egypt.

SYNONYMS: *afer*, *humbloti*, *macdonaldi*, *majusculus*, *rufus* (see Hayman and Hill, 1971:30, and Hill, 1982).

Family Noctilionidae Gray, 1821. London Med. Reposit., 15:299.

Noctilio Linnaeus, 1766. Syst. Nat., 12th ed., 1:88.

TYPE SPECIES: *Noctilio americanus* Linnaeus, 1766 (= *Vespertilio leporinus* Linnaeus, 1758).
SYNONYMS: *Dirias*.

Noctilio albiventris Desmarest, 1818. Nouv. Dict. Hist. Nat., Nouv. ed., 23:15.

TYPE LOCALITY: Brazil, Bahia, Rio Sao Francisco.

DISTRIBUTION: S Mexico to Guianas, E Brazil, N Argentina, and Peru.

SYNONYMS: *affinis*, *cabrerai*, *irex*, *minor*, *zaparo*.

COMMENTS: Subgenus *Dirias*. Formerly referred to as *labialis*; see Davis (1976). See Hood and Pitocchelli (1983, Mammalian Species, 197).

Noctilio leporinus (Linnaeus, 1758). Syst. Nat., 10th ed., 1:32.

TYPE LOCALITY: Surinam.

DISTRIBUTION: Sinaloa (Mexico) to Guianas, S Brazil, N Argentina, and Peru; Trinidad; Greater and Lesser Antilles; S Bahamas.

SYNONYMS: *americanus*, *brooksiana*, *dorsatus*; *labialis* Kerr; *mastivus*, *mexicanus*, *minor*, *rufipes*, *rufescens*, *rufus*, *unicolor*, *vittatus*.

COMMENTS: Subgenus *Dirias*. See Hood and Jones (1984, Mammalian Species, 216).

Family Mormoopidae Koch, 1862-63. Jahrb. Ver. Naturk. in Nassau, Wiesbaden, heft 17-18:358.

COMMENTS: Revised by Smith (1972).

Mormoops Leach, 1821. Trans. Linn. Soc. London, 13:76.

TYPE SPECIES: *Mormoops blainvillii* Leach, 1821.

SYNONYMS: *Aello*.

COMMENTS: This name is used instead of *Aello* following Opinion 462 of the International Commission on Zoological Nomenclature (1957c).

Mormoops blainvillii Leach, 1821. Trans. Linn. Soc. London, 13:77.

TYPE LOCALITY: Jamaica.

DISTRIBUTION: Greater Antilles, adjacent small islands.

SYNONYMS: *cinnamomeum*, *cuvieri*.

Mormoops megalophylla (Peters, 1864). Monatsb. K. Preuss. Akad. Wiss. Berlin, 1864:381.

TYPE LOCALITY: Mexico, Coahuila, Parras.

DISTRIBUTION: S Texas, S Arizona (USA), and Baja California (Mexico) to NW Peru and N Venezuela; Aruba, Curacao, and Bonaire (Netherlands Antilles); Trinidad; Margarita Isl (Venezuela).

SYNONYMS: *carteri*, *intermedia*, *rufescens*, *senicula*, *tumidiceps*.

Pteronotus Gray, 1838. Mag. Zool. Bot., 2:500.

TYPE SPECIES: *Pteronotus davyi* Gray, 1838.

SYNONYMS: *Chilonycteris*, *Phyllodia*.

COMMENTS: Includes *Chilonycteris* and *Phyllodia*; see Smith (1972:55). A key to this genus was presented by Herd (1983) and by Rodríguez-Durán and Kunz (1992).

Pteronotus davyi Gray, 1838. Mag. Zool. Bot., 2:500.

TYPE LOCALITY: Trinidad and Tobago, Trinidad.

DISTRIBUTION: NW Peru and N Venezuela to S Baja California, S Sonora, and Nuevo Leon (Mexico); Trinidad; S Lesser Antilles. A Brazilian record is erroneous, see Willig and Mares (1989).

SYNONYMS: *calvus*, *fulvus*, *incae*.

COMMENTS: Subgenus *Pteronotus*. See Adams (1989, Mammalian Species, 346).

Pteronotus gymnonotus Natterer, 1843. In Wagner, Arch. Naturgesch., 9:367.

TYPE LOCALITY: Brazil, Mato Grosso, Cuiaba.

DISTRIBUTION: S Veracruz (Mexico) to Peru, NE Brazil, and Guyana.

SYNONYMS: *centralis*, *suapurensis*.

COMMENTS: Subgenus *Pteronotus*. Includes *suapurensis*; see Smith (1977:245).

Pteronotus macleayii (Gray, 1839). Ann. Nat. Hist., 4:5.

TYPE LOCALITY: Cuba, Habana, Guanabacoa.

DISTRIBUTION: Cuba, Jamaica.

SYNONYMS: *griseus*.

COMMENTS: Subgenus *Chilonycteris*.

Pteronotus parnellii (Gray, 1843). Proc. Zool. Soc. Lond., 1843:50.

TYPE LOCALITY: Jamaica.

DISTRIBUTION: Peru, Brazil, Guianas, and Venezuela to S Sonora and S Tamaulipas (Mexico); Cuba; Jamaica; Puerto Rico; Hispaniola; Trinidad and Tobago; Margarita Isl (Venezuela); La Gonave Isl (Haiti).

SYNONYMS: *boothi*, *fuscus*, *gonavensis*, *mesoamericanus*, *mexicanus*, *osburni*, *paraguanensis*, *portoricensis*, *pusillus*, *ruginosus*.

COMMENTS: Subgenus *Phyllodia*. See Herd (1983, Mammalian Species, 209).

Pteronotus personatus (Wagner, 1843). Arch. Naturgesch., 9:367.

TYPE LOCALITY: Brazil, Mato Grosso, São Vicente.

DISTRIBUTION: Colombia, Peru, Brazil, and Surinam to S Sonora and S Tamaulipas (Mexico); Trinidad.

SYNONYMS: *continentis*, *psilotis*.

COMMENTS: Includes *psilotis*; see Smith (1972:92).

Pteronotus quadridens (Gundlach, 1840). Arch. Naturgesch., 6:357.

TYPE LOCALITY: Cuba, Matanzas, Canimar.

DISTRIBUTION: Cuba, Jamaica, Hispaniola, Puerto Rico.

SYNONYMS: *fuliginosus*, *inflata*, *torrei*.

COMMENTS: Subgenus *Chilonycteris*. Includes *torrei*; For use of *quadridens* in place of *fuliginosus*; see Silva-Taboada (1976:7). See Rodríguez-Durán and Kunz (1992, Mammalian Species, 395).

Family Phyllostomidae Gray, 1825. Zool. Journ., 2(6):242.

COMMENTS: Includes Desmodontidae; see Jones and Carter (1976:7). For use of this familial name rather than Phyllostomatidae, see Handley (1980:10).

Subfamily Phyllostominae Gray, 1825. Zool. Journ., 2(6):242.

Chrotopterus Peters, 1865. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1865:505.

TYPE SPECIES: *Vampyrus auritus* Peters, 1856.

Chrotopterus auritus (Peters, 1856). Monatsb. K. Preuss. Akad. Wiss. Berlin, 1865:5.

TYPE LOCALITY: Mexico, corrected to Brazil, Santa Catarina by Carter and Dolan (1978:37).

DISTRIBUTION: Veracruz (Mexico) to the Guianas, S Brazil, and N Argentina.

SYNONYMS: *australis*, *guianae*.

COMMENTS: See Medellin (1989, Mammalian Species, 343).

Lonchorhina Tomes, 1863. Proc. Zool. Soc. Lond., 1863:81.

TYPE SPECIES: *Lonchorhina aurita* Tomes, 1863.

COMMENTS: Reviewed by Hernandez-Camacho and Cadena-G. (1978). A key to the genus was presented by Lassieur and Wilson (1989).

Lonchorhina aurita Tomes, 1863. Proc. Zool. Soc. Lond., 1863:83.

TYPE LOCALITY: Trinidad and Tobago, Trinidad.

DISTRIBUTION: Oaxaca (Mexico) to SE Brazil, Peru, and Ecuador; Trinidad; perhaps New Providence Isl (Bahama Isls), see Jones and Carter (1976:10).

SYNONYMS: *occidentalis*.

COMMENTS: Includes *occidentalis*; see Jones and Carter (1976:10). See Lassieur and Wilson (1989, Mammalian Species, 347).

Lonchorhina fernandezi Ochoa and Ibanez, 1982. Mem. Soc. Cienc. Nat. La Salle, 42:147.

TYPE LOCALITY: Venezuela, Amazonas, Pedro Pinato.

DISTRIBUTION: S Venezuela.

- Lonchorhina marinkellei* Hernandez-Camacho and Cadena-G., 1978. *Caldasia*, 12:229.
 TYPE LOCALITY: Colombia, Vaupes, near Mitu, Durania.
 DISTRIBUTION: E Colombia to French Guiana.
- Lonchorhina orinocensis* Linares and Ojasti, 1971. *Novid. Cient. Contrib. Occas. Mus. Hist. Nat. La Salle, Ser. Zool.*, 36:2.
 TYPE LOCALITY: Venezuela, Bolivar, 50 km NE Puerto Paez, Boca de Villacoa.
 DISTRIBUTION: Venezuela, Colombia.
- Macrophyllum* Gray, 1838. *Mag. Zool. Bot.*, 2:489.
 TYPE SPECIES: *Macrophyllum nieuwiedii* Gray, 1838 (= *Phyllostoma macrophyllum* Schinz, 1821).
- Macrophyllum macrophyllum* (Schinz, 1821). *Das Tierreich*, 1:163.
 TYPE LOCALITY: Brazil, Bahia, Rio Mucuri.
 DISTRIBUTION: Tabasco (Mexico) to Peru, Bolivia, SE Brazil, and NE Argentina.
 SYNONYMS: *nieuwiedii*.
 COMMENTS: See Harrison (1975, *Mammalian Species*, 62).
- Macrotus* Gray, 1843. *Proc. Zool. Soc. Lond.*, 1843:21.
 TYPE SPECIES: *Macrotus waterhousii* Gray, 1843.
 COMMENTS: Revised by Anderson and Nelson (1965).
- Macrotus californicus* Baird, 1858. *Proc. Acad. Nat. Sci. Philadelphia*, 10:116.
 TYPE LOCALITY: USA, California, Imperial Co., Old Fort Yuma.
 DISTRIBUTION: N Sinaloa and SW Chihuahua (Mexico) to S Nevada, S California (USA); Baja California and Tamaulipas (Mexico).
 COMMENTS: For a comparison with *waterhousii*, see Davis and Baker (1974:26, 34) and Greenbaum and Baker (1976). Reviewed as a subspecies of *waterhousii* by Anderson (1969a).
- Macrotus waterhousii* Gray, 1843. *Proc. Zool. Soc. Lond.*, 1843:21.
 TYPE LOCALITY: Haiti.
 DISTRIBUTION: Sonora and Hidalgo (Mexico) to Guatemala; Bahama Isls; Jamaica; Cuba; Cayman Isls (NW of Jamaica); Hispaniola and Beata Isls.
 SYNONYMS: *bocourtianus*, *bulleri*, *compressus*, *heberfolium*, *jamaicensis*, *mexicanus*, *minor*.
 COMMENTS: Includes *mexicanus*; see Anderson and Nelson (1965:25). See Anderson (1969a, *Mammalian Species*, 1).
- Micronycteris* Gray, 1866. *Proc. Zool. Soc. Lond.*, 1866:113.
 TYPE SPECIES: *Phyllophora megalotis* Gray, 1842.
 SYNONYMS: *Barticonycteris*, *Glyphonycteris*, *Lampronycteris*, *Neonycteris*, *Trinycteris*, *Xenoctenes* (see Koopman, 1978b:4).
 COMMENTS: Corbet and Hill (1980:54) listed *Barticonycteris* as a distinct genus without comment. Revised by Sanborn (1949). A key to the genus was presented by Medellín et al. (1985).
- Micronycteris behnii* (Peters, 1865). *Monatsb. K. Preuss. Akad. Wiss. Berlin*, 1865:505.
 TYPE LOCALITY: Brazil, Mato Grosso, Cuiaba (= Cuyaba).
 DISTRIBUTION: C Brazil, S Peru.
 COMMENTS: Subgenus *Glyphonycteris*.
- Micronycteris brachyotis* (Dobson, 1879). *Proc. Zool. Soc. Lond.*, 1878:880 [1879].
 TYPE LOCALITY: French Guiana, Cayenne.
 DISTRIBUTION: Oaxaca (Mexico) to French Guiana and Brazil; Trinidad.
 SYNONYMS: *platyceps*.
 COMMENTS: Subgenus *Lampronycteris*. Includes *platyceps*; see Jones and Carter (1976:9). See Medellín et al. (1985, *Mammalian Species*, 251).
- Micronycteris daviesi* (Hill, 1964). *Mammalia*, 28:557.
 TYPE LOCALITY: Guyana, Essequibo Prov., Potaro road, 24 mi. (39 km) from Bartica.
 DISTRIBUTION: Costa Rica to Peru and French Guiana.
 COMMENTS: Subgenus *Barticonycteris*. Formerly included in genus *Barticonycteris*; see Koopman (1978b:4).

Micronycteris hirsuta (Peters, 1869). Monatsb. K. Preuss. Akad. Wiss. Berlin, 1869:397.

TYPE LOCALITY: Costa Rica, Guanacaste, Pozo Azul.

DISTRIBUTION: Honduras to French Guiana, Trinidad, Amazonian Brazil, Peru, and Ecuador.

COMMENTS: Subgenus *Xenoctenes*.

Micronycteris megalotis (Gray, 1842). Ann. Mag. Nat. Hist., [ser. 1], 10:257.

TYPE LOCALITY: Brazil, São Paulo, Pereque.

DISTRIBUTION: Tamaulipas and Jalisco (Mexico) to Peru, Bolivia, and Brazil; Trinidad and Tobago; Margarita Isl (Venezuela); Grenada.

SYNONYMS: *elongatum*, *homezi*, *megalotes*, *mexicana*, *microtis*, *pygmaeus*, *scrobiculatum*, *typica*.

COMMENTS: Subgenus *Micronycteris*. Includes *microtis*; see Gardner et al. (1970:715) and Jones et al. (1977:6). See Alonso-Mejia and Medellin (1991, Mammalian Species, 376).

Micronycteris minuta (Gervais, 1856). In F. Comte de Castelnau, Exped. Partes Cen. Am. Sud., Zool. (Sec. 7), Vol. 1, pt. 2(Mammifères):50.

TYPE LOCALITY: Brazil, Bahia, Capela Nova.

DISTRIBUTION: Nicaragua to S Brazil; Peru; Guianas; Trinidad; Bolivia.

COMMENTS: Subgenus *Micronycteris*.

Micronycteris nicefori Sanborn, 1949. Fieldiana Zool., 31:230.

TYPE LOCALITY: Colombia, Norte de Santander, Cucuta.

DISTRIBUTION: Belize to N Colombia, Venezuela, Guianas, Amazonian Brazil, and Peru; Trinidad.

SYNONYMS: *hypoleuca*.

COMMENTS: Subgenus *Trinycteris*.

Micronycteris pusilla Sanborn, 1949. Fieldiana Zool., 31:228.

TYPE LOCALITY: Brazil, Amazonas, Tahuapunta (Vaupes River).

DISTRIBUTION: NW Brazil, E Colombia.

COMMENTS: Subgenus *Neonycteris*.

Micronycteris schmidtorum Sanborn, 1935. Field Mus. Nat. Hist. Publ., Zool. Ser., 20:81.

TYPE LOCALITY: Guatemala, Izabal, Bobos.

DISTRIBUTION: S Mexico to Venezuela; NE Peru; NE Brazil.

COMMENTS: Subgenus *Micronycteris*.

Micronycteris sylvestris (Thomas, 1896). Ann. Mag. Nat. Hist., ser. 6, 18:302.

TYPE LOCALITY: Costa Rica, Guanacaste, Hda. Miravalles, between 1,400 and 2,000 ft. (427-610 m).

DISTRIBUTION: Peru and SE Brazil to Nayarit and Veracruz (Mexico); Trinidad.

COMMENTS: Subgenus *Glyphonycteris*.

Mimon Gray, 1847. Proc. Zool. Soc. Lond., 1847:14.

TYPE SPECIES: *Phyllostoma bennettii* Gray, 1838.

SYNONYMS: *Anthorhina*.

COMMENTS: Includes *Anthorhina*; see Handley (1960). Gardner and Ferrell (1990:503-504) argued that *Anthorhina* is a junior objective synonym of *Tonatia*, and unavailable as a subgenus of *Mimon*. This was based on a type species designation of the preoccupied name, *Tylostoma*, however, it was clearly Lydekker's intention in renaming *Tylostoma* as *Anthorhina* to restrict it to *Tylostoma sensu* Peters and Dobson.

Mimon bennettii (Gray, 1838). Mag. Zool. Bot., 2:483.

TYPE LOCALITY: Brazil, São Paulo, Ipanema.

DISTRIBUTION: S Mexico to Colombia; Guianas; SE Brazil.

SYNONYMS: *cozumelae*.

COMMENTS: Subgenus *Mimon*. Includes *cozumelae*; see Schaldach (1965:132), Villa-R. (1966:216), and Hall (1981:112); but also see Jones and Carter (1976:12).

Mimon crenulatum (E. Geoffroy, 1810). Ann. Mus. Hist. Nat. Paris, 15:193.

TYPE LOCALITY: Brazil, Bahia; see Handley (1960).

DISTRIBUTION: Chiapas and Campeche (Mexico) to Guianas, E Brazil, Bolivia, Ecuador and E Peru; Trinidad.

SYNONYMS: *keenani*, *koepckeae*, *longifolium*, *peruanum*, *picatum* (see Jones and Carter, 1979:8; Koopman, 1978b:5; and Handley, 1960:462, 463).

COMMENTS: Subgenus *Anthorhina*, but see Gardner and Ferrell (1990).

Phylloderma Peters, 1865. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1865:513.

TYPE SPECIES: *Phyllostoma stenops* Peters, 1865.

Phylloderma stenops Peters, 1865. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1865:513.

TYPE LOCALITY: French Guiana, Cayenne.

DISTRIBUTION: S Mexico to SE Brazil, Bolivia and Peru.

SYNONYMS: *boliviensis*, *cayanensis*, *septentrionalis*.

COMMENTS: Includes *septentrionalis*; see Jones and Carter (1976:13). Bolivian form reviewed by Bárquez and Ojeda (1979).

Phyllostomus Lacépède, 1799. Tabl. Div. Subd. Order Genres Mammifères, p. 16.

TYPE SPECIES: *Vespertilio hastatus* Pallas, 1767.

COMMENTS: Does not include *Phylloderma*, but see Baker et al. (1988b).

Phyllostomus discolor Wagner, 1843. Arch. Naturgesch., 9(1):366.

TYPE LOCALITY: Brazil, Mato Grosso, Cuiaba.

DISTRIBUTION: Oaxaca and Veracruz (Mexico) to Guianas, SE Brazil, Paraguay, N Argentina and Peru; Trinidad; Margarita Isl (Venezuela).

SYNONYMS: *angusticeps*, *innominatum*, *verrucosus*.

Phyllostomus elongatus (E. Geoffroy, 1810). Ann. Mus. Hist. Nat. Paris, 15:182.

TYPE LOCALITY: Brazil, Mato Grosso, Rio Branco.

DISTRIBUTION: Bolivia, E Peru, Ecuador, and Colombia to Guianas and E Brazil.

SYNONYMS: *ater*.

Phyllostomus hastatus (Pallas, 1767). Spicil. Zool., 3:7.

TYPE LOCALITY: Surinam.

DISTRIBUTION: Honduras to Guianas, E Brazil, Paraguay, N Argentina, and Peru; Trinidad and Tobago; Margarita Isl (Venezuela); Bolivia.

SYNONYMS: *aruma*, *caucae*, *caurae*, *curaca*, *maximus*, *paeze*, *panamensis*.

Phyllostomus latifolius (Thomas, 1901). Ann. Mag. Nat. Hist., ser. 7, 8:142.

TYPE LOCALITY: Guyana, Essequibo Prov., Mt. Kanuku.

DISTRIBUTION: Guianas, SE Colombia.

COMMENTS: Distinction from *P. elongatus* in uncertain.

Tonatia Gray, 1827. In Griffith, Anim. Kingdom, 5:71.

TYPE SPECIES: *Vampyrus bidens* Spix, 1823.

COMMENTS: A key to the species was presented by Medellín and Arita (1989).

Tonatia bidens (Spix, 1823). Sim. Vespert. Brasil., p. 65.

TYPE LOCALITY: Brazil, Bahia, Rio Sao Francisco.

DISTRIBUTION: Chiapas (Mexico) and Belize to N Argentina, Paraguay, and Brazil; Trinidad.

SYNONYMS: *childreni*.

Tonatia brasiliense (Peters, 1866). Monatsb. K. Preuss. Akad. Wiss. Berlin, 1866:674.

TYPE LOCALITY: Brazil, Bahia.

DISTRIBUTION: Veracruz (Mexico) to Bolivia, NE Brazil and Trinidad.

SYNONYMS: *minuta*, *nicaraguae*, *venezuelae*.

COMMENTS: For synonyms see Jones and Carter (1979:7); but also see Gardner (1976:3).

Tonatia carrikeri (J. A. Allen, 1910). Bull. Am. Mus. Nat. Hist., 28:147.

TYPE LOCALITY: Venezuela, Bolivar, Rio Mocho.

DISTRIBUTION: Colombia, Venezuela, Surinam, N Brazil, Bolivia, Peru.

Tonatia evotis Davis and Carter, 1978. Occas. Pap. Mus. Texas Tech Univ., 53:8.

TYPE LOCALITY: Guatemala, Izabal, 25 km S.S.W. Puerto Barrios.

DISTRIBUTION: S Mexico, Belize, Guatemala, Honduras.

COMMENTS: Formerly included in *T. silvicola*. See Medellín and Arita (1989, Mammalian Species, 334).

Tonatia schulzi Genoways and Williams, 1980. Ann. Carnegie Mus., 49:205.

TYPE LOCALITY: Surinam, Brokopondo, 3 km SW Rudi Koppelvliedveld.

DISTRIBUTION: Guianas, N Brazil.

Tonatia silvicola (d'Orbigny, 1836). Voy. Amer. Merid. Atlas Zool., 4:11, pl. 7.

TYPE LOCALITY: Bolivia, Yungas between Secure and Isiboro rivers.

DISTRIBUTION: Honduras to Bolivia, NE Argentina, Guianas, and E Brazil.

SYNONYMS: *amblyotis*, *centralis*, *childreni*, *colombianus*, *laephotis*, *occidentalis*.

COMMENTS: Includes *laephotis* and *amblyotis*; see Davis and Carter (1978). See Medellin and Arita (1989, Mammalian Species, 334).

Trachops Gray, 1847. Proc. Zool. Soc. Lond., 1847:14.

TYPE SPECIES: *Trachops fuliginosus* Gray, 1865 (= *Vampyrus cirrhosus* Spix, 1823).

Trachops cirrhosus (Spix, 1823). Sim. Vespert. Brasil., p. 64.

TYPE LOCALITY: Brazil, Pernambuco.

DISTRIBUTION: Oaxaca (Mexico) to Guianas, SE Brazil, Bolivia and Ecuador; Trinidad.

SYNONYMS: *coffini*, *ehrharti*, *fuliginosus*.

Vampyrus Rafinesque, 1815. Analyse de la Nature, p. 54.

TYPE SPECIES: *Vespertilio spectrum* Linnaeus, 1758.

Vampyrus spectrum (Linnaeus, 1758). Syst. Nat., 10th ed., 1:31.

TYPE LOCALITY: Surinam.

DISTRIBUTION: Veracruz (Mexico) to Ecuador and Peru, N and SW Brazil, and Guianas; Trinidad; perhaps Jamaica.

SYNONYMS: *nelsoni*.

COMMENTS: See Navarro and Wilson (1982, Mammalian Species, 184).

Subfamily Lonchophyllinae Griffiths, 1982. Am. Mus. Novit., 2742:40.

Lionycteris Thomas, 1913. Ann. Mag. Nat. Hist., ser. 8, 12:270.

TYPE SPECIES: *Lionycteris spurrelli* Thomas, 1913.

Lionycteris spurrelli Thomas, 1913. Ann. Mag. Nat. Hist., ser. 8, 12:271.

TYPE LOCALITY: Colombia, Choco, Condoto.

DISTRIBUTION: E Panama, Colombia, Venezuela, Guianas, Amazonian Peru and Brazil.

Lonchophylla Thomas, 1903. Ann. Mag. Nat. Hist., ser. 7, 12:458.

TYPE SPECIES: *Lonchophylla mordax* Thomas, 1903.

COMMENTS: Taddei et al. (1983) gave a key to all the species.

Lonchophylla bokermanni Sazima et al., 1978. Rev. Brasil. Biol., 38:82.

TYPE LOCALITY: Brazil, Minas Gerais, Jaboticatubas, Serra do Cipo.

DISTRIBUTION: SE Brazil.

Lonchophylla dekeyseri Taddei et al., 1983. Ciencia e Cultura, 35:626.

TYPE LOCALITY: Brazil, D. F., 8 km N Brasilia.

DISTRIBUTION: E Brazil.

Lonchophylla handleyi Hill, 1980. Bull. Brit. Mus. (Nat. Hist.) Zool., 38:233.

TYPE LOCALITY: Ecuador, Morona, Santiago, Los Tayos (03°07'S, 18°12'W).

DISTRIBUTION: Ecuador, Peru, S Colombia.

COMMENTS: Formerly confused with *robusta*; see Hill (1980a).

Lonchophylla hesperia G. M. Allen, 1908. Bull. Mus. Comp. Zool., 52:35.

TYPE LOCALITY: Peru, Tumbes, Zorritos.

DISTRIBUTION: N Peru, Ecuador.

COMMENTS: Known only from five specimens; see Gardner (1976:5).

Lonchophylla mordax Thomas, 1903. Ann. Mag. Nat. Hist., ser. 7, 12:459.

TYPE LOCALITY: Brazil, Bahia, Lamarao.

DISTRIBUTION: Costa Rica to Ecuador; E Brazil; perhaps Peru and Bolivia.

SYNONYMS: *concava*.

COMMENTS: Includes *concava*; see Handley (1966a:763); but also see Jones and Carter (1976:16), who provisionally recognized it as a species.

Lonchophylla robusta Miller, 1912. Proc. U.S. Natl. Mus., 42:23.

TYPE LOCALITY: Panama, Canal Zone, Rio Chilibrillo, near Alahuela.

DISTRIBUTION: Nicaragua to Venezuela and Ecuador.

COMMENTS: Although specimens from Panama are larger than those from Costa Rica, the species is still regarded as monotypic; see Walton (1963).

Lonchophylla thomasi J. A. Allen, 1904. Bull. Am. Mus. Nat. Hist., 20:230.

TYPE LOCALITY: Venezuela, Bolivar, Ciudad Bolivar.

DISTRIBUTION: E Panama, Colombia, Venezuela, Guianas, Amazonian Brazil, Peru, Bolivia.

COMMENTS: Specimens of this species have frequently been confused with *concava*, *mordax*, and *Lionycteris spurrelli*; see Taddei et al. (1978:1, 2) and Koopman (1978b).

Platalina Thomas, 1928. Ann. Mag. Nat. Hist., ser. 10, 8:120.

TYPE SPECIES: *Platalina genovensium* Thomas, 1928.

Platalina genovensium Thomas, 1928. Ann. Mag. Nat. Hist., ser. 10, 8:121.

TYPE LOCALITY: Peru, near Lima.

DISTRIBUTION: Peru.

Subfamily Brachyphyllinae Gray, 1866. Proc. Zool. Soc. Lond., 1866:115.

Brachyphylla Gray, 1834. Proc. Zool. Soc. Lond., 1833:122 [1834].

TYPE SPECIES: *Brachyphylla cavernarum* Gray, 1834.

COMMENTS: Revised by Swanepoel and Genoways (1978). A key to this genus was presented by Swanepoel and Genoways (1983a).

Brachyphylla cavernarum Gray, 1834. Proc. Zool. Soc. Lond., 1833:123 [1834].

TYPE LOCALITY: St. Vincent (Lesser Antilles, UK).

DISTRIBUTION: Puerto Rico, Virgin Isls and throughout Lesser Antilles south to St. Vincent and Barbados.

SYNONYMS: *intermedia*, *minor*.

COMMENTS: Includes *minor*; see Swanepoel and Genoways (1978:39) and Varona (1974:27). Reviewed by Swanepoel and Genoways (1983a, Mammalian Species, 205).

Brachyphylla nana Miller, 1902. Proc. Acad. Nat. Sci. Philadelphia, 54:409.

TYPE LOCALITY: Cuba, Pinar del Rio, El Guama.

DISTRIBUTION: Cuba, Hispaniola, Jamaica (extinct), Grand Cayman (Cayman Isls, UK), Middle Caicos (SE Bahamas).

SYNONYMS: *pumila*.

COMMENTS: Includes *pumila*; see Jones and Carter (1976:30) and Swanepoel and Genoways (1978). Considered a subspecies of *cavernarum* by Buden (1977). Reviewed by Swanepoel and Genoways (1983b, Mammalian Species, 206).

Subfamily Phyllonycterinae Miller, 1907. Bull. U.S. Natl. Mus., 57:171.

Erophylla Miller, 1906. Proc. Biol. Soc. Washington, 19:84.

TYPE SPECIES: *Phyllonycteris bombifrons* Miller, 1899 (= *Phyllonycteris sezekorni* Gundlach, 1861).

COMMENTS: Revised by Buden (1976. Included as a subgenus of *Phyllonycteris* by Varona (1974:29).

Erophylla sezekorni (Gundlach, 1860). Monatsb. K. Preuss. Akad. Wiss. Berlin, 1860:818.

TYPE LOCALITY: Cuba, Pinar del Rio, Santa Cruz de los Pinos, Rangel.

DISTRIBUTION: Cuba, Jamaica, Hispaniola, Puerto Rico, Bahamas, and Cayman Isls.

SYNONYMS: *bombifrons*, *mariguanensis*, *planifrons*, *santacristobalensis*, *syops*.

COMMENTS: Includes *bombifrons*; see Buden (1976:14). Reviewed by Baker et al. (1978, Mammalian Species, 115). Based on differences in size of ears, shape of rostrum, inflation of braincase, and certain dental characters, *E. bombifrons* (Hispaniola and Puerto Rico) should probably be regarded as a distinct species. Although recognition of *E. bombifrons* represents my unpublished opinion, this species has been universally recognized up until the last several years; see Varona (1974:29) and Hall (1981:170).

Phyllonycteris Gundlach, 1860. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1860:817.

TYPE SPECIES: *Phyllonycteris poeyi* Gundlach, 1860.

SYNONYMS: *Reithronycteris*.

COMMENTS: Includes the fossil species *major* from Puerto Rico and the N Lesser Antilles.

Phyllonycteris aphylla (Miller, 1898). Proc. Acad. Nat. Sci. Philadelphia, 50:334.

TYPE LOCALITY: Jamaica.

DISTRIBUTION: Jamaica.

COMMENTS: Subgenus *Reithronycteris*.

Phyllonycteris poeyi Gundlach, 1860. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1860:817.

TYPE LOCALITY: Cuba, Matanzas, Canimar (cafetal "San Antonio el Fundador").

DISTRIBUTION: Cuba, Isle of Pines, Hispaniola.

SYNONYMS: *obtusum*.

COMMENTS: Subgenus *Phyllonycteris*. Includes *obtusum*; see Jones and Carter (1976:30) from Hispaniola, this subspecies was described from fossil remains and was only recently discovered as a living animal; see Klingener et al. (1978:90-92). Corbet and Hill (1980:61) listed *obtusum* as a distinct species without comment.

Subfamily Glossophaginae Bonaparte, 1845. Cat. Met. Mamm. Europe, p. 5.

Anoura Gray, 1838. Mag. Zool. Bot., 2:490.

TYPE SPECIES: *Anoura geoffroyi* Gray, 1838.

SYNONYMS: *Lonchoglossa*.

COMMENTS: Includes *Lonchoglossa*; see Cabrera (1958:74). A key to this genus was presented by Tamsitt and Nagorsen (1982).

Anoura caudifer (E. Geoffroy, 1818). Mem. Mus. Hist. Nat. Paris, 4:418.

TYPE LOCALITY: Brazil, Rio de Janeiro.

DISTRIBUTION: Colombia, Venezuela, Guianas, Brazil, Ecuador, Peru, Bolivia, NW Argentina.

SYNONYMS: *aequatoris*, *ecaudata*, *wiedii*.

Anoura cultrata Handley, 1960. Proc. U.S. Natl. Mus., 112:463.

TYPE LOCALITY: Panama, Darien, Rio Pucro, Tacarcuna Village, 3,200 ft. (975 m).

DISTRIBUTION: Costa Rica, Panama, Venezuela, Colombia, Ecuador, Peru, Bolivia.

SYNONYMS: *brevirostrum*, *werckleae*.

COMMENTS: Includes *brevirostrum* and *werckleae*; see Nagorsen and Tamsitt (1981). See Tamsitt and Nagorsen (1982, Mammalian Species, 179).

Anoura geoffroyi Gray, 1838. Mag. Zool. Bot., 2:490.

TYPE LOCALITY: Brazil, Rio de Janeiro.

DISTRIBUTION: Peru, Bolivia, SE Brazil, French Guiana and Ecuador to Tamaulipas and Sinaloa (Mexico); Trinidad; Grenada (Lesser Antilles).

SYNONYMS: *antricola*, *apolinari*, *lasiopyga*, *peruana*.

COMMENTS: Includes *apolinari*; see Sanborn (1933:26).

Anoura latidens Handley, 1984. Proc. Biol. Soc. Washington, 97:503.

TYPE LOCALITY: Venezuela, D.F., Pico Avila.

DISTRIBUTION: Venezuela, Colombia, Peru.

Choeroniscus Thomas, 1928. Ann. Mag. Nat. Hist., ser. 10, 1:122.

TYPE SPECIES: *Choeronycteris minor* Peters, 1868.

Choeroniscus godmani (Thomas, 1903). Ann. Mag. Nat. Hist., ser. 7, 11:288.

TYPE LOCALITY: Guatemala.

DISTRIBUTION: Sinaloa (Mexico) to Columbia, Venezuela, Guyana and Surinam.

Choeroniscus intermedius (J. A. Allen and Chapman, 1893). Bull. Am. Mus. Nat. Hist., 5:207.

TYPE LOCALITY: Trinidad and Tobago, Trinidad, Princetown.

DISTRIBUTION: Trinidad, Peru, Guianas, Amazonian Brazil; distribution is poorly known.

COMMENTS: Closely related to *minor*, with which it might be conspecific (Williams and Genoways, 1980a).

Choeroniscus minor (Peters, 1868). Monatsb. K. Preuss. Akad. Wiss. Berlin, 1868:366.

TYPE LOCALITY: Surinam.

DISTRIBUTION: Guianas, Venezuela, N Brazil, C Colombia, Ecuador, Peru, Bolivia.

SYNONYMS: *inca*.

COMMENTS: Includes *inca*; see Koopman (1978b:8) and Jones and Carter (1979:8).

Choeroniscus periosus Handley, 1966. Proc. Biol. Soc. Washington, 79:84.

TYPE LOCALITY: Colombia, Valle, 27 km S Buenaventura, Rio Raposo.

DISTRIBUTION: W Colombia, W Ecuador.

Choeronycteris Tschudi, 1844. Fauna Peruana, 1:70.

TYPE SPECIES: *Choeronycteris mexicana* Tschudi, 1844.

Choeronycteris mexicana Tschudi, 1844. Fauna Peruana, 1:72.

TYPE LOCALITY: Mexico.

DISTRIBUTION: Honduras and El Salvador to S California, Nevada, Arizona, and New Mexico (USA); a single record from S Texas; perhaps Venezuela.

COMMENTS: It is doubtful that *ponsi* Pirlot, 1967 (described from NW Venezuela) is referable to this genus, and the description is inadequate to allocate it; see Jones and Carter (1976:18). See Arroyo-Cabrales et al. (1987, Mammalian Species, 291).

Glossophaga E. Geoffroy, 1818. Mem. Mus. Hist. Nat. Paris, 4:418.

TYPE SPECIES: *Vespertilio soricinus* Pallas, 1766.

COMMENTS: Revised by Miller (1913). A key to the genus was presented by Webster and Jones (1984).

Glossophaga commissarisi Gardner, 1962. Los Angeles Cty. Mus. Contrib. Sci., 54:1.

TYPE LOCALITY: Mexico, Chiapas, 10 km SE Tonalá.

DISTRIBUTION: Sinaloa (Mexico) to Panama; SE Colombia; E Ecuador; E Peru; NW Brazil.

SYNONYMS: *bakeri*, *hespera*.

Glossophaga leachii Gray, 1844. Mammalia, in Zool. Voy. "Sulfur," 1:18.

TYPE LOCALITY: Nicaragua, Chinandega, Realejo.

DISTRIBUTION: Costa Rica to Guerrero, Morelos, and Tlaxcala (Mexico); Colima and Jalisco (Mexico).

SYNONYMS: *alticola*, *caudifer*.

COMMENTS: Originally considered a subspecies of *soricina*; see Jones and Carter (1976:14). Includes *alticola* Davis, 1944, by synonymy; see Webster and Jones (1980:4). See Webster and Jones (1984, Mammalian Species, 226).

Glossophaga longirostris Miller, 1898. Proc. Acad. Nat. Sci. Philadelphia, p. 330.

TYPE LOCALITY: Colombia, Magdalena, Sierra Nevada de Santa Marta.

DISTRIBUTION: N Ecuador; Colombia; Venezuela (including Margarita Isl); N Brazil; Guyana; Trinidad and Tobago; Grenada, St. Vincent, Curacao, Bonaire, and Aruba (Lesser Antilles). The record from Dominica is erroneous.

SYNONYMS: *campestris*, *elongata*, *major*, *reclusa*, *rostrata*.

COMMENTS: Includes *elongata*; see Jones and Carter (1976:14) and Koopman (1958:437). Revised by Webster and Handley (1986).

Glossophaga morenoi Martinez and Villa, 1938. Anal. Inst. Biol. Univ. Nac. Auto. Mexico, 9:347.

TYPE LOCALITY: Mexico, Oaxaca, Rio Guamol, 34 mi. (55 km) S (by Hwy.190) La Ventosa Jct.

DISTRIBUTION: Chiapas to Tlaxcala (Mexico).

SYNONYMS: *brevirostris*, *mexicana*.

COMMENTS: Includes *mexicana*; see Gardner (1986). See Webster and Jones (1985, Mammalian Species, 245).

Glossophaga soricina (Pallas, 1766). Misc. Zool., p. 48.

TYPE LOCALITY: Surinam.

DISTRIBUTION: Tamaulipas, Sonora and Tres Marias Isls (Mexico) to Guianas, SE Brazil, N Argentina and Peru; Margarita Isl (Venezuela); Trinidad; Grenada (Lesser Antilles); Jamaica; perhaps Bahama Isls.

SYNONYMS: *amplexicaudata*, *antillarum*, *handleyi*, *microtis*, *mutica*, *truei*, *valens*, *villosa*.

COMMENTS: Reviewed by Alvarez et al. (1991, Mammalian Species, 379).

Hylonycteris Thomas, 1903. Ann. Mag. Nat. Hist., ser. 7, 11:286.

TYPE SPECIES: *Hylonycteris underwoodi* Thomas, 1903.

Hylonycteris underwoodi Thomas, 1903. Ann. Mag. Nat. Hist., ser. 7, 11:287.

TYPE LOCALITY: Costa Rica, San Jose, Rancho Redondo.

DISTRIBUTION: W Panama to Nayarit and Veracruz (Mexico).

SYNONYMS: *minor*.

COMMENTS: Includes *minor*, but see Alvarez and Alvarez-Castañeda (1991). See Jones and Homan (1974, Mammalian Species, 32).

Leptonycteris Lydekker, 1891. In Flower and Lydekker, Intro. Mamm. Living Extinct, p. 674.

TYPE SPECIES: *Ischnoglossa nivalis* Saussure, 1860.

COMMENTS: Revised by Arita and Humphrey (1988). A key for the genus was presented by Hensley and Wilkins (1988).

Leptonycteris curasoae Miller, 1900. Proc. Biol. Soc. Washington, 13:126.

TYPE LOCALITY: Curacao, Willemstad (Netherlands).

DISTRIBUTION: Curacao, Bonaire and Aruba (Netherlands Antilles); NE Colombia; N Venezuela (incl. Margarita Isl); El Salvador to Arizona and New Mexico (USA).

STATUS: U.S. ESA - Endangered as *L. sanborni* (= *yerbabuena*).

SYNONYMS: *sanborni*, *tarlosti*, *yerbabuena*.

COMMENTS: Includes *yerbabuena* (= *sanborni*), but see Watkins et al. (1972).

Leptonycteris nivalis (Saussure, 1860). Rev. Mag. Zool. Paris, ser. 2, 12:492.

TYPE LOCALITY: Mexico, Veracruz, Mt. Orizaba.

DISTRIBUTION: SE Arizona and W Texas (USA) to S Mexico, perhaps Guatemala.

STATUS: U.S. ESA - Endangered.

SYNONYMS: *longala*.

COMMENTS: Does not include *yerbabuena*, but see Watkins et al. (1972:16). See Hensley and Wilkins (1988, Mammalian Species, 307).

Lichonycteris Thomas, 1895. Ann. Mag. Nat. Hist., ser. 6, 16:55.

TYPE SPECIES: *Lichonycteris obscura* Thomas, 1895.

Lichonycteris obscura Thomas, 1895. Ann. Mag. Nat. Hist., ser. 6, 16:55.

TYPE LOCALITY: Nicaragua, Managua, Managua.

DISTRIBUTION: Guatemala and Belize to Bolivia and Amazonian Brazil.

SYNONYMS: *degener*.

COMMENTS: Includes *degener*; see Hill (1985).

Monophyllus Leach, 1821. Trans. Linn. Soc. London, 13:75.

TYPE SPECIES: *Monophyllus redmani* Leach, 1821.

COMMENTS: Reviewed by Schwartz and Jones (1967). A key to the genus was published by Homan and Jones (1975a).

Monophyllus plethodon Miller, 1900. Proc. Washington Acad. Sci., 2:35.

TYPE LOCALITY: Barbados (Lesser Antilles), St. Michael Parish.

DISTRIBUTION: Lesser Antilles from Anguilla to St. Vincent and Barbados. Fossils known from Puerto Rico.

SYNONYMS: *frater*, *luciae*.

COMMENTS: Includes *luciae* and *frater*; see Schwartz and Jones (1967:13). See Homan and Jones (1975b, Mammalian Species, 58).

Monophyllus redmani Leach, 1821. Trans. Linn. Soc. London, 13:76.

TYPE LOCALITY: Jamaica.

DISTRIBUTION: Cuba, Hispaniola, Puerto Rico, Jamaica, S Bahama Isls.

SYNONYMS: *clinedaphus*, *cubanus*, *ferreus*, *portoricensis*.

COMMENTS: For synonyms see Schwartz and Jones (1967:13). Reviewed by Homan and Jones (1975a, Mammalian Species, 57).

Musonycteris Schaldach and McLaughlin, 1960. Los Angeles Cty. Mus. Contrib. Sci., 37:2.

TYPE SPECIES: *Musonycteris harrisoni* Schaldach and McLaughlin, 1960.

COMMENTS: Included in *Choeronycteris* by Handley (1966b:85, 86); but see Phillips (1971:99) and Webster et al. (1982).

Musonycteris harrisoni Schaldach and McLaughlin, 1960. Los Angeles Cty. Mus. Contrib. Sci., 37:3.

TYPE LOCALITY: Mexico, Colima, 2 km SE Pueblo Juarez.

DISTRIBUTION: Jalisco, Colima, Michoacan and Guerrero (Mexico).

Scleronycteris Thomas, 1912. Ann. Mag. Nat. Hist., ser. 8, 10:404.

TYPE SPECIES: *Scleronycteris ega* Thomas, 1912.

Scleronycteris ega Thomas, 1912. Ann. Mag. Nat. Hist., ser. 8, 10:405.

TYPE LOCALITY: Brazil, Amazonas, Ega.

DISTRIBUTION: Amazonian Brazil, S Venezuela.

Subfamily Carolliinae Miller, 1924. Bull. U.S. Natl. Mus., 128:53.

Carollia Gray, 1838. Mag. Zool. Bot., 2:488.

TYPE SPECIES: *Carollia braziliensis* Gray, 1838 (= *Vespertilio perspicillata* Linnaeus, 1758).

SYNONYMS: *Hemiderma*.

COMMENTS: Revised by Pine (1972).

Carollia brevicauda (Schinz, 1821). Das Thierreich, 1:164.

TYPE LOCALITY: Brazil, Espirito Santo, Jucu River, Fazenda de Coroaba.

DISTRIBUTION: San Luis Potosi (Mexico) to Peru, Bolivia, and E Brazil.

SYNONYMS: *bicolor*, *grayi*, *lanceolatum*, *minor*.

COMMENTS: Long confused with *perspicillata* or *subrufa*; see Pine (1972).

Carollia castanea H. Allen, 1890. Proc. Am. Philos. Soc., 28:19.

TYPE LOCALITY: Costa Rica, Angostura.

DISTRIBUTION: Honduras to Peru, Bolivia, W Brazil and Venezuela.

Carollia perspicillata (Linnaeus, 1758). Syst. Nat., 10th ed., 1:31.

TYPE LOCALITY: Surinam.

DISTRIBUTION: Oaxaca, Veracruz and Yucatan Peninsula (Mexico) to Peru, Bolivia, Paraguay, SE Brazil and Guianas; Trinidad and Tobago; Grenada (Lesser Antilles); perhaps Jamaica, N Lesser Antilles.

SYNONYMS: *amplexicaudata*, *azteca*, *brachyotus*, *braziliensis*, *calcaratum*, *tricolor*, *verrucata*.

COMMENTS: Includes *tricolor*; see Pine (1972).

Carollia subrufa (Hahn, 1905). Proc. Biol. Soc. Washington, 18:247.

TYPE LOCALITY: Mexico, Oaxaca, NW Tapanatepec, Sta. Efigenia.

DISTRIBUTION: Jalisco (Mexico) to NW Nicaragua; Guyana.

COMMENTS: Not a subspecies of *castanea*; see Pine (1972).

Rhinophylla Peters, 1865. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1865:355.

TYPE SPECIES: *Rhinophylla pumilio* Peters, 1865.

Rhinophylla alethina Handley, 1966. Proc. Biol. Soc. Washington, 79:86.

TYPE LOCALITY: Colombia, Valle, 27 km S Buenaventura, Raposo River.

DISTRIBUTION: W Colombia, W Ecuador.

Rhinophylla fischeriae Carter, 1966. Proc. Biol. Soc. Washington, 79:235.

TYPE LOCALITY: Peru, Loreto, 61 mi. (98 km) SE Pucallpa.

DISTRIBUTION: Peru, Ecuador, SE Colombia, Amazonian Brazil.

Rhinophylla pumilio Peters, 1865. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1865:355.

TYPE LOCALITY: Brazil, Bahia.

DISTRIBUTION: Colombia, Ecuador, Peru and Bolivia to Guianas and E Brazil.

Subfamily Stenodermatinae Gervais, 1856. *In* Comte de Castelnau, Exped. Partes Cen. Am. Sud., Zool.(Sec. 7), Vol. 1, pt. 2(Mammifères):32 footnote.

Ametrida Gray, 1847. Proc. Zool. Soc. Lond., 1847:15.

TYPE SPECIES: *Ametrida centurio* Gray, 1847.

COMMENTS: Revised by Peterson (1965b).

Ametrida centurio Gray, 1847. Proc. Zool. Soc. Lond., 1847:15.

TYPE LOCALITY: Brazil, Para, Belem.

DISTRIBUTION: Amazonian Brazil, Guianas, Panama, Venezuela, Trinidad, Bonaire Isl (Netherlands Antilles).

SYNONYMS: *minor*.

COMMENTS: Includes *minor*; see Jones and Carter (1976:29).

Ardops Miller, 1906. Proc. Biol. Soc. Washington, 19:84.

TYPE SPECIES: *Stenoderma nichollsi* Thomas, 1891.

COMMENTS: Revised by Jones and Schwartz (1967). Included under *Stenoderma* by Varona (1974:24-26) and by Simpson (1945:58); but see Jones and Carter (1976:28).

Ardops nichollsi (Thomas, 1891). Ann. Mag. Nat. Hist., ser. 6, 7:529.

TYPE LOCALITY: Dominica (Lesser Antilles).

DISTRIBUTION: Lesser Antilles, from St. Eustatius to St. Vincent.

SYNONYMS: *annectens*, *koopmani*, *luciae*, *montserratensis*.

COMMENTS: For synonyms see Jones and Schwartz (1967). See Jones and Genoways (1973, Mammalian Species, 24).

Ariteus Gray, 1838. Mag. Zool. Bot., 2:491.

TYPE SPECIES: *Istiophorus flavescens* Gray, 1831.

COMMENTS: Included as a subgenus of *Stenoderma* by Varona (1974:24) and Simpson (1945:58); but see Jones and Carter (1976:29).

Ariteus flavescens (Gray, 1831). Zool. Misc., 1:37.

TYPE LOCALITY: Not designated in original publication.

DISTRIBUTION: Jamaica.

SYNONYMS: *achradophilus*.

Artibeus Leach, 1821. Trans. Linn. Soc. London, 13:75.

TYPE SPECIES: *Artibeus jamaicensis* Leach, 1821.

SYNONYMS: *Dermanura*, *Enchisthenes*, *Koopmania*.

COMMENTS: For synonyms see Jones and Carter (1979:8); but see also Hall (1981:163) and Owen (1991).

Artibeus amplus Handley, 1987. Fieldiana, Zool., n.s., 39:164.

TYPE LOCALITY: Venezuela, Zulia, Kasmera.

DISTRIBUTION: Venezuela, N Colombia.

COMMENTS: Subgenus *Artibeus*.

Artibeus anderseni Osgood, 1916. Field Mus. Nat. Hist. Publ., Zool. Ser., 10:212.

TYPE LOCALITY: Brazil, Rondonia, Porto Velho.

DISTRIBUTION: W Brazil, Bolivia, Ecuador, Peru.

COMMENTS: Subgenus *Dermanura*. Previously considered a subspecies of *cinereus*; but see Koopman (1978b:14).

Artibeus aztecus K. Andersen, 1906. Ann. Mag. Nat. Hist., ser. 7, 18:422.

TYPE LOCALITY: Mexico, Morelos, Tetela del Volcan.

DISTRIBUTION: W Panama; Costa Rica; Honduras, Guatemala; Chiapas, Oaxaca to Nuevo Leon and Sinaloa (Mexico).

SYNONYMS: *minor*, *major*.

COMMENTS: Subgenus *Dermanura*. Not a subspecies of *cinereus*; see Jones and Carter (1976:27). Revised by Davis (1969). See Webster and Jones (1982b, Mammalian Species, 177).

- Artibeus cinereus* (Gervais, 1856). In Comte de Castelnau, Exped. Partes Cen. Am. Sud., Zool.(Sec. 7), Vol. 1, pt. 2(Mammifères):36.
 TYPE LOCALITY: Brazil, Para, Belem.
 DISTRIBUTION: Guianas, Venezuela, N Brazil.
 COMMENTS: Subgenus *Dermanura*. Does not include *gnomus*.
- Artibeus concolor* Peters, 1865. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1865:357.
 TYPE LOCALITY: Surinam, Paramaribo.
 DISTRIBUTION: Guianas, Venezuela, Colombia, N Brazil, Peru.
 COMMENTS: Subgenus *Koopmania*.
- Artibeus fimbriatus* Gray, 1838. Mag. Zool. Bot., 2:487.
 TYPE LOCALITY: Brazil, Paraná, Serra do Mar, Morretes.
 DISTRIBUTION: S Brazil, Paraguay.
 COMMENTS: Subgenus *Artibeus*. See Handley (1989) for status of this species.
- Artibeus fraterculus* Anthony, 1924. Am. Mus. Novit., 114:5.
 TYPE LOCALITY: Ecuador, El Oro, Portovelo, 2,000 ft.(610 m).
 DISTRIBUTION: Ecuador, Peru.
 COMMENTS: Subgenus *Artibeus*. Considered a subspecies of *jamaicensis* by Jones and Carter (1976:2); but see Koopman (1978b:14).
- Artibeus glaucus* Thomas, 1893. Proc. Zool. Soc. Lond., 1893:336.
 TYPE LOCALITY: Peru, Junin, Chauchamayo.
 DISTRIBUTION: S Mexico to Bolivia and S Brazil; Trinidad and Tobago; Grenada (Lesser Antilles).
 SYNONYMS: *bogotensis*, *gnomus*, *jucundum*, *pumilio*, *rosenbergii*, *watsoni*.
 COMMENTS: Includes *gnomus*, *pumilio*, *rosenbergii*, and *watsoni*, but see Handley (1987) who regarded *gnomus* and *watsoni* to be closely related to *A. glaucus*, but different species.
- Artibeus hartii* Thomas, 1892. Ann. Mag. Nat. Hist., ser. 6, 10:409.
 TYPE LOCALITY: Trinidad and Tobago, Trinidad, Port of Spain.
 DISTRIBUTION: Bolivia and Venezuela to Jalisco and Tamaulipas (Mexico); Arizona (USA); Trinidad.
 COMMENTS: Subgenus *Enchisthenes*. Formerly included in genus *Enchisthenes*; see Jones and Carter (1979:8).
- Artibeus hirsutus* K. Andersen, 1906. Ann. Mag. Nat. Hist., ser. 7, 18:420.
 TYPE LOCALITY: Mexico, Michoacan, La Salada.
 DISTRIBUTION: Sonora to Guerrero (Mexico).
 COMMENTS: Subgenus *Artibeus*. See Webster and Jones (1983, Mammalian Species, 199).
- Artibeus inopinatus* Davis and Carter, 1964. Proc. Biol. Soc. Washington, 77:119.
 TYPE LOCALITY: Honduras, Choluteca, Choluteca.
 DISTRIBUTION: El Salvador, Honduras, Nicaragua.
 COMMENTS: Subgenus *Artibeus*. Possibly a subspecies of *hirsutus*. See Webster and Jones (1983, Mammalian Species, 199).
- Artibeus jamaicensis* Leach, 1821. Trans. Linn. Soc. London, 13:75.
 TYPE LOCALITY: Jamaica.
 DISTRIBUTION: Sinaloa and Tamaulipas (Mexico) to Ecuador, and Venezuela; Trinidad and Tobago; Greater and Lesser Antilles; Amazonian Brazil (only if *obscurus* or *planirostris* is included in this species). Perhaps Florida Keys; see Lazell and Koopman (1985); but see also Humphrey and Brown (1986).
 SYNONYMS: *aequatorialis*, *carpolegus*, *coryi*, *eva*, *grenadensis*, *insularis*, *lewisi*, *parvipes*, *paulus*, *praeceps*, *richardsoni*, *schwartzi*, *trinitatis*, *triomylus*, *yucatanicus*.
 COMMENTS: Subgenus *Artibeus*. Bats often treated as *jamaicensis* most likely belong to several additional species; which are *fraterculus* and *planirostris* (Koopman, 1978b:14-16) and *obscurus* (Handley, 1989), and are so treated here.
- Artibeus lituratus* (Olfers, 1818). In Eschwege, J. Brasilien, Neue Bibliothek. Reisenb., 15:224.
 TYPE LOCALITY: Paraguay, Asuncion.
 DISTRIBUTION: Sinaloa and Tamaulipas (Mexico) to S Brazil, N Argentina, and Bolivia; Trinidad and Tobago; S Lesser Antilles; Tres Marias Isls.

SYNONYMS: *femurvillosum*, *intermedius*, *koopmani*, *palmarum*, *rusbyi*, *superciliosum*.
 COMMENTS: Subgenus *Artibeus*. Includes *palmarum* but not *fallax*, *hercules*, or *praeceps* (Koopman, 1978b:15). Includes *intermedius*; see Jones and Carter (1976:28; but see also Davis (1984). See also comment under *planirostris*.

Artibeus obscurus Schinz, 1821. In G. Cuvier, *Das Tierreich*, 1:164.

TYPE LOCALITY: Brazil, Bahia, Rio Peruhype, Villa Vicosa.

DISTRIBUTION: Colombia, Venezuela, Guianas, Ecuador, Peru, Bolivia, Brazil.

SYNONYMS: *fuliginosus*.

COMMENTS: Subgenus *Artibeus*. See Handley (1989) for status of this species.

Artibeus phaeotis (Miller, 1902). Proc. Acad. Nat. Sci. Philadelphia, 54:405.

TYPE LOCALITY: Mexico, Yucatan, Chichen-Itza.

DISTRIBUTION: Veracruz and Sinaloa (Mexico) to Ecuador and Guyana.

SYNONYMS: *nanus*, *palatinus*, *ravus*, *turpis*.

COMMENTS: Subgenus *Dermanura*. Includes *nanus* and *turpis*; see Jones and Lawlor (1965:412) and Davis (1970). For including *ravus* and other synonyms see Timm (1985, Mammalian Species, 235).

Artibeus planirostris (Spix, 1823). Sim. Vespert. Brasil., p. 66.

TYPE LOCALITY: Brazil, Bahia, Salvador.

DISTRIBUTION: Colombia and Venezuela, south to N Argentina and east to E Brazil.

SYNONYMS: *fallax*, *hercules*, *validum* (see Koopman, 1978b:15).

COMMENTS: Subgenus *Artibeus*. Handley (1987) would include this species in *A. jamaicensis*. See also comments under *lituratus*. See Handley (1991) for clarification of the holotype.

Artibeus toltecus (Saussure, 1860). Rev. Mag. Zool. Paris, ser. 2, 12:427.

TYPE LOCALITY: Mexico, Veracruz, Mirador.

DISTRIBUTION: Panama to Nuevo Leon and Sinaloa (Mexico).

SYNONYMS: *hesperus*.

COMMENTS: Subgenus *Dermanura*. Not a subspecies of *cinereus*; see Jones and Carter (1976:27). Revised by Davis (1969). Does not include *ravus*, see Handley (1987). See Webster and Jones (1982c, Mammalian Species, 178).

Centurio Gray, 1842. Ann. Mag. Nat. Hist., [ser. 1], 10:259.

TYPE SPECIES: *Centurio senex* Gray, 1842.

Centurio senex Gray, 1842. Ann. Mag. Nat. Hist., [ser. 1], 10:259.

TYPE LOCALITY: Nicaragua, Chinandega, Realejo.

DISTRIBUTION: Venezuela to Tamaulipas and Sinaloa (Mexico); Trinidad and Tobago.

SYNONYMS: *flavogularis*, *greenhalli*, *mexicanus*, *mcmurtrii*, *minor*.

COMMENTS: Reviewed by Paradiso (1967). See Snow et al. (1980, Mammalian Species, 138).

Chiroderma Peters, 1860. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1860:747.

TYPE SPECIES: *Chiroderma villosum* Peters, 1860.

COMMENTS: Reviewed by Goodwin (1958).

Chiroderma doriae Thomas, 1891. Ann. Mus. Civ. Stor. Nat. Genova, ser. 2, 10:881.

TYPE LOCALITY: Brazil, Minas Gerais.

DISTRIBUTION: Minas, Gerais and São Paulo (SE Brazil).

Chiroderma improvisum Baker and Genoways, 1976. Occas. Pap. Mus. Texas Tech Univ., 39:2.

TYPE LOCALITY: Guadeloupe (Lesser Antilles), Basse Terre, 2 km S and 2 km E Baie-Mahault (France).

DISTRIBUTION: Guadeloupe and Montserrat (Lesser Antilles).

COMMENTS: See Jones and Baker (1980, Mammalian Species, 134).

Chiroderma salvini Dobson, 1878. Cat. Chiroptera Brit. Mus., p. 532.

TYPE LOCALITY: Costa Rica.

DISTRIBUTION: Bolivia and Venezuela to Hidalgo and Chihuahua (Mexico).

SYNONYMS: *scopaeum*.

- Chiroderma trinitatum* Goodwin, 1958. Am. Mus. Novit., 1877:1.
 TYPE LOCALITY: Trinidad and Tobago, Trinidad, Cumaca, 1,000 ft. (305 m).
 DISTRIBUTION: Panama to Amazonian Brazil, Bolivia and Peru; Trinidad.
 SYNONYMS: *gorgasi*.
 COMMENTS: Includes *gorgasi*; see Jones and Carter (1976:25).
- Chiroderma villosum* Peters, 1860. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1860:748.
 TYPE LOCALITY: Brazil; see Carter and Dolan (1978:59).
 DISTRIBUTION: Hidalgo (Mexico) to S Brazil, Bolivia and Peru; Trinidad and Tobago.
 SYNONYMS: *isthmicum*, *jesupi* (see Handley, 1960:466).
- Ectophylla* H. Allen, 1892. Proc. U.S. Natl. Mus., 15:441.
 TYPE SPECIES: *Ectophylla alba* H. Allen, 1892.
 COMMENTS: Does not include *Mesophylla*; see Goodwin and Greenhall (1962) and Jones and Carter (1976:25); but see also Owen (1987).
- Ectophylla alba* H. Allen, 1892. Proc. U.S. Natl. Mus., 15:442.
 TYPE LOCALITY: Honduras (= Rio Segovia) (T. McCarthy, in litt.).
 DISTRIBUTION: Honduras to W Panama; also a record from W Colombia.
 COMMENTS: See Timm (1982, Mammalian Species, 166).
- Mesophylla* Thomas, 1901. Ann. Mag. Nat. Hist., ser. 7, 8:143.
 TYPE SPECIES: *Mesophylla macconnelli* Thomas, 1901.
 COMMENTS: Included in *Vampyressa* by Owen (1987).
- Mesophylla macconnelli* Thomas, 1901. Ann. Mag. Nat. Hist., ser. 7, 8:145.
 TYPE LOCALITY: Guyana, Essequibo Dist., Kunuku Mtns.
 DISTRIBUTION: Costa Rica to Peru, Bolivia and Amazonian Brazil; Trinidad.
 SYNONYMS: *flavescens*.
- Phyllops* Peters, 1865. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1865:356.
 TYPE SPECIES: *Phyllostoma albomaculatum* Gundlach, 1861 (= *Arctibeus falcatus* Gray, 1839).
 COMMENTS: Included in *Stenoderma* by Varona (1974:24), Simpson (1945:58), and Silva-Taboada (1979:199); but see Jones and Carter (1976:28) and Corbet and Hill (1980:60).
- Phyllops falcatus* (Gray, 1839). Ann. Nat. Hist., 4:1.
 TYPE LOCALITY: Cuba, Habana, Guanabacoa.
 DISTRIBUTION: Cuba; Hispaniola; as fossil, Isle of Pines (Cuba).
 SYNONYMS: *albomaculatum*, *haitiensis*.
 COMMENTS: Includes *haitiensis*, see Koopman (1989c:636).
- Platyrrhinus* Saussure, 1860. Revue Mag. Zool., Paris, (2)12:429.
 TYPE SPECIES: *Phyllostoma lineatum* E. Geoffroy, 1810.
 COMMENTS: For a history of the nomenclature of this genus and reasons for using *Platyrrhinus* in place of *Vampyrops*, see Gardner and Ferrell (1990) and Alberico and Velasco (1991).
- Platyrrhinus aurarius* (Handley and Ferris, 1972). Proc. Biol. Soc. Washington, 84:522.
 TYPE LOCALITY: Venezuela, Bolivar, 85 km SSE El Dorado, 1,000 m.
 DISTRIBUTION: S Venezuela, Colombia, Surinam.
 COMMENTS: May be a synonym of *dorsalis*; see Jones and Carter (1976:23).
- Platyrrhinus brachycephalus* (Rouk and Carter, 1972). Occas. Pap. Mus. Texas Tech Univ., 1:1.
 TYPE LOCALITY: Peru, Huanuco, 3 mi. (5 km) S Tingo Maria, 2,400 ft. (732 m).
 DISTRIBUTION: N Brazil; Colombia to Guianas; Ecuador; Peru; Bolivia.
 SYNONYMS: *latus*, *saccharus*.
 COMMENTS: Includes *latus*; see Jones and Carter (1976:23).
- Platyrrhinus chocoensis* Alberico and Velasco, 1991. Bonn. zool. Beitr., 42:238.
 TYPE LOCALITY: "Quebrada El Platinero, 12 km W Istmina (by road), 5°00' N, 76°45' W, 100 m, Departamento del Chocó, Colombia."
 DISTRIBUTION: W Colombia, lowlands between the Western Cordillera of the Andes and the Pacific coast.

Platyrrhinus dorsalis (Thomas, 1900). Ann. Mag. Nat. Hist., ser. 7, 5:269.

TYPE LOCALITY: Ecuador, Paramba, 1,100 m.

DISTRIBUTION: Panama to Peru and Bolivia.

COMMENTS: Although the named forms *umbratus*, *oratus*, and *aquilus* were regarded as synonyms of *dorsalis* by Carter and Rouk (1973:976), Handley (1976:28) considered them distinct. See also comments under *umbratus*.

Platyrrhinus helleri (Peters, 1866). Monatsb. K. Preuss. Akad. Wiss. Berlin, 1866:392.

TYPE LOCALITY: Mexico.

DISTRIBUTION: Oaxaca and Veracruz (Mexico) to Peru, Bolivia, and Amazonian Brazil; Trinidad. A Paraguay record is erroneous.

SYNONYMS: *incarcum*, *zarhinus*.

COMMENTS: Includes *zarhinus*; see Jones and Carter (1976:23) and Gardner and Carter (1972:78). See Ferrell and Wilson (1991, Mammalian Species, 373).

Platyrrhinus infuscus (Peters, 1880). Monatsb. K. Preuss. Akad. Wiss. Berlin, 1880:259.

TYPE LOCALITY: Peru, Cajamarca, Hualgayoc, Hac. Ninabamba.

DISTRIBUTION: Colombia to Peru, Bolivia, and NW Brazil.

SYNONYMS: *fumosus*, *intermedius*.

COMMENTS: Includes *intermedius* and *fumosus*; see Gardner and Carter (1972:72) who designated a neotype.

Platyrrhinus lineatus (E. Geoffroy, 1810). Ann. Mus. Hist. Nat. Paris, 15:180.

TYPE LOCALITY: Paraguay, Asuncion.

DISTRIBUTION: Colombia to Peru, Bolivia, Uruguay, N Argentina, and S and E Brazil; French Guyana; Surinam.

STATUS: CITES - Appendix III (Uruguay).

SYNONYMS: *nigellus*.

COMMENTS: Includes *nigellus*; see Jones and Carter (1979:8). See Willig and Hollander (1987, Mammalian Species, 275, as *Vampyrops lineatus*).

Platyrrhinus recifinus (Thomas, 1901). Ann. Mag. Nat. Hist., ser. 7, 8:192.

TYPE LOCALITY: Brazil, Pernambuco, Recife.

DISTRIBUTION: E Brazil. A Guyana record is erroneous, since the specimen was referred to *V. latus* (= *brachycephalus*) by Handley and Ferris (1972:521).

Platyrrhinus umbratus (Lyon, 1902). Proc. Biol. Soc. Washington, 15:151.

TYPE LOCALITY: Colombia, Magdalena, San Miguel (Macotama River).

DISTRIBUTION: Panama, N and W Colombia, N Venezuela.

SYNONYMS: *aquilus*, *oratus*.

COMMENTS: Formerly included in *dorsalis* by Carter and Rouk (1973:976); but see Handley (1976:28).

Platyrrhinus vittatus (Peters, 1860). Monatsb. K. Preuss. Akad. Wiss. Berlin, 1860:225.

TYPE LOCALITY: Venezuela, Carabobo, Puerto Cabello.

DISTRIBUTION: Costa Rica to Venezuela, Peru and Bolivia.

Pygoderma Peters, 1863. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1863:83.

TYPE SPECIES: *Stenoderma microdon* Peters, 1863 (= *Phyllostoma bilabiatum* Wagner, 1843).

Pygoderma bilabiatum (Wagner, 1843). Arch. Naturgesch., 1:366.

TYPE LOCALITY: Brazil, São Paulo, Ipanema.

DISTRIBUTION: Surinam, Bolivia, S Brazil, Paraguay, N Argentina; the reported North American occurrence is erroneous, see Jones and Carter (1976:29).

SYNONYMS: *leucomus*, *magna*, *microdon*.

COMMENTS: See Webster and Owen (1984, Mammalian Species, 220).

Sphaeronycteris Peters, 1882. Sitzb. Preuss. Akad. Wiss., 45:988.

TYPE SPECIES: *Sphaeronycteris toxophyllum* Peters, 1882.

Sphaeronycteris toxophyllum Peters, 1882. Sitzb. Preuss. Akad. Wiss., 45:989.

TYPE LOCALITY: Peru, Loreto, Pebas.

DISTRIBUTION: Colombia to Venezuela, Peru and Bolivia; Amazonian Brazil.

- Stenoderma* E. Geoffroy, 1818. *Descrip. de L'Egypte*, 2:114.
 TYPE SPECIES: *Stenoderma rufa* Demarest, 1820.
 COMMENTS: Some authors include *Ardops*, *Phyllops*, and *Ariteus* in *Stenoderma*; see Varona (1974:23-26) and Simpson (1945:58), but most mammalogists follow the arrangement presented here; see also Jones and Carter (1976:28-29).
- Stenoderma rufum* Desmarest, 1820. *Mammalogie, in Encycl. Méth.*, p. 117.
 TYPE LOCALITY: Not designated in original publication (probably Virgin Isls).
 DISTRIBUTION: Puerto Rico and Virgin Isls (St. John and St. Thomas).
 SYNONYMS: *anthonyi*, *darioi*, *undatus*.
 COMMENTS: See Genoways and Baker (1972, *Mammalian Species*, 18).
- Sturnira* Gray, 1842. *Ann. Mag. Nat. Hist.*, [ser. 1], 10:257.
 TYPE SPECIES: *Sturnira spectrum* Gray, 1842 (= *Phyllostoma lilium* E. Geoffroy, 1810).
 SYNONYMS: *Corvira*, *Sturnirops* (see Jones and Carter, 1976:21).
 COMMENTS: Davis (1980) gave a key to all but one of the species recognized here.
- Sturnira aratathomasi* Peterson and Tamsitt, 1968. *R. Ontario Mus. Life Sci. Occas. Pap.*, 12:1.
 TYPE LOCALITY: Colombia, Valle, 2 km S Pance (ca. 20 km SW Cali), 1,650 m.
 DISTRIBUTION: Colombia, Ecuador, NW Venezuela, Peru.
 COMMENTS: Subgenus *Sturnira*. See Soriano and Molinari (1987, *Mammalian Species*, 284).
- Sturnira bidens* Thomas, 1915. *Ann. Mag. Nat. Hist.*, ser. 8, 16:310.
 TYPE LOCALITY: Ecuador, Napo, Baeza, Upper Coca River, 6,500 ft. (1,981 m).
 DISTRIBUTION: Peru, Ecuador, Colombia, Venezuela, perhaps Amazonian Brazil.
 COMMENTS: Subgenus *Corvira*. Formerly included in genus *Corvira*; see Gardner and O'Neill (1969) and Jones and Carter (1976:21). See Molinari and Soriano (1987, *Mammalian Species*, 276).
- Sturnira bogotensis* Shamel, 1927. *Proc. Biol. Soc. Washington*, 40:129.
 TYPE LOCALITY: Colombia, Cundinamarca, Bogota.
 DISTRIBUTION: W Venezuela, Colombia, Ecuador, Peru, Bolivia, NW Argentina.
 COMMENTS: Subgenus *Sturnira*. Usually confused with *ludovici*, but recognized by Handley (1976:25). See also comment under *ludovici*. The correct name of this species is probably *oporaphilum*; see Anderson et al. (1982:6).
- Sturnira erythromos* (Tschudi, 1844). *Fauna Peruana*, p. 64.
 TYPE LOCALITY: Peru.
 DISTRIBUTION: Venezuela to Bolivia.
 COMMENTS: Subgenus *Sturnira*.
- Sturnira lilium* (E. Geoffroy, 1810). *Ann. Mus. Hist. Nat. Paris*, 15:181.
 TYPE LOCALITY: Paraguay, Asuncion.
 DISTRIBUTION: Lesser Antilles; Sonora and Tamaulipas (Mexico) to N Argentina, Uruguay, and E Brazil; Trinidad and Tobago; perhaps Jamaica.
 SYNONYMS: *albescens*, *angeli*, *excisum*, *fumarium*, *luciae*, *parvidens*, *paulsoni*, *spectrum*, *zygomatus*.
 COMMENTS: Subgenus *Sturnira*. Includes *angeli* and *paulsoni*; see Jones and Carter (1976:20). See Gannon et al. (1989, *Mammalian Species*, 333).
- Sturnira ludovici* Anthony, 1924. *Am. Mus. Novit.*, 139:8.
 TYPE LOCALITY: Ecuador, Pichincha, near Gualea.
 DISTRIBUTION: Ecuador and Guyana to Sonora and Tamaulipas (Mexico).
 SYNONYMS: *hondurensis*, *occidentalis*.
 COMMENTS: Subgenus *Sturnira*. Includes *hondurensis*; see Jones and Carter (1976:22). Bolivian records probably pertain to *bogotensis*; Peruvian ones definitely do; see Anderson et al. (1982:6).
- Sturnira luisi* Davis, 1980. *Occas. Pap. Mus. Texas Tech Univ.*, 70:1.
 TYPE LOCALITY: Costa Rica, Alajuela, 11 mi. (18 km) NE Naranjo, Cariblanco, 3,000 ft. (914 m).
 DISTRIBUTION: Costa Rica to Ecuador and NW Peru.
 COMMENTS: Subgenus *Sturnira*. The presence of this species in Colombia has not been verified; previously confused with *Sturnira ludovici* (Tamsitt, in Honacki et al., 1982).

- Sturnira magna* de la Torre, 1966. Proc. Biol. Soc. Washington, 79:267.
 TYPE LOCALITY: Peru, Loreto, Iquitos, Rio Maniti, Santa Cecilia.
 DISTRIBUTION: Colombia, Ecuador, Peru, Bolivia.
 COMMENTS: Subgenus *Sturnira*. See Tamsitt and Häuser (1985, Mammalian Species, 240).
- Sturnira mordax* (Goodwin, 1938). Am. Mus. Novit., 976:1.
 TYPE LOCALITY: Costa Rica, Cartago, El Sauce Peralta.
 DISTRIBUTION: Costa Rica, Panama.
 COMMENTS: Subgenus *Sturnira*, Formerly included in *Sturnirops*; see Jones and Carter (1976:21).
- Sturnira nana* Gardner and O'Neill, 1971. Occas. Pap. Mus. Zool. La. St. Univ., 42:1.
 TYPE LOCALITY: Peru, Ayacucho, Huanhuachayo, 1,660 m.
 DISTRIBUTION: S Peru.
 COMMENTS: Subgenus *Corvira*.
- Sturnira thomasi* de la Torre and Schwartz, 1966. Proc. Biol. Soc. Washington, 79:299.
 TYPE LOCALITY: Guadeloupe (Lesser Antilles), Sofaia, 1,200 ft. (366 m) (France).
 DISTRIBUTION: Guadeloupe (Lesser Antilles).
 COMMENTS: Subgenus *Sturnira*. See Jones and Genoways (1975c, Mammalian Species, 68).
- Sturnira tildae* de la Torre, 1959. Chicago Acad. Sci. Nat. Hist. Misc., 166:1.
 TYPE LOCALITY: Trinidad and Tobago, Trinidad, Arima Valley.
 DISTRIBUTION: Brazil, Guianas, Venezuela, Trinidad, Colombia, Ecuador, Peru, Bolivia.
 COMMENTS: Subgenus *Sturnira*.
- Uroderma* Peters, 1865. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1865:588.
 TYPE SPECIES: *Phyllostoma personatum* Peters, 1865 (preoccupied; = *Uroderma bilobatum* Peters, 1866).
 COMMENTS: Revised by Davis (1968).
- Uroderma bilobatum* Peters, 1866. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1866:392.
 TYPE LOCALITY: Brazil, São Paulo.
 DISTRIBUTION: Veracruz and Oaxaca (Mexico) to Peru, Bolivia and Brazil; Trinidad.
 SYNONYMS: *convexum*, *davisi*, *molaris*, *personatum*, *thomasi*, *trinitatum*.
 COMMENTS: See Baker and Clark (1987, Mammalian Species, 279).
- Uroderma magnirostrum* Davis, 1968. J. Mammal., 49:679.
 TYPE LOCALITY: Honduras, Valle, 10 km E San Lorenzo.
 DISTRIBUTION: Michoacan (Mexico) to Venezuela, Peru, Bolivia and Brazil.
- Vampyressa* Thomas, 1900. Ann. Mag. Nat. Hist., ser. 7, 5:270.
 TYPE SPECIES: *Phyllostoma pusillum* Wagner, 1843.
 SYNONYMS: *Metavampyressa*, *Vampyriscus* (see Jones and Carter, 1976:25).
 COMMENTS: Does not include *Mesophylla*, but see Owen (1987). A key for this genus is presented in Lewis and Wilson (1987).
- Vampyressa bidens* (Dobson, 1878). Cat. Chiroptera Brit. Mus., p. 535.
 TYPE LOCALITY: Peru, Loreto, Santa Cruz (Rio Huallaga).
 DISTRIBUTION: Guianas to Colombia to Peru; N Bolivia; Amazonian Brazil.
 COMMENTS: Subgenus *Vampyriscus*. Formerly included in genus *Vampyriscus*; see Jones and Carter (1976:25).
- Vampyressa brocki* Peterson, 1968. R. Ontario Mus. Life Sci. Contrib., 73:1.
 TYPE LOCALITY: Guyana, Rupununi, ca. 40 mi. (64 km) E Dadanawa, at Ow-wi-dy-wau (Oshi Wau head, near Marara Waunowa), Kuitaro River.
 DISTRIBUTION: Surinam, Guyana, Amazonian Brazil, SE Colombia.
 COMMENTS: Subgenus *Metavampyressa*.
- Vampyressa melissa* Thomas, 1926. Ann. Mag. Nat. Hist., ser. 9, 18:157.
 TYPE LOCALITY: Peru, Amazonas, Chachapoyas, Puca Tambo, 1,480 m.
 DISTRIBUTION: Peru, S Colombia, French Guiana.
 COMMENTS: Subgenus *Vampyressa*.

Vampyressa nymphaea Thomas, 1909. Ann. Mag. Nat. Hist., ser. 8, 4:230.

TYPE LOCALITY: Colombia, Choco, Novita (San Juan River).

DISTRIBUTION: W Ecuador to Nicaragua. A record from SE Peru is suspect.

COMMENTS: Subgenus *Metavampyressa*.

Vampyressa pusilla (Wagner, 1843). Abh. Akad. Wiss., München, 5:173.

TYPE LOCALITY: Brazil, Rio de Janeiro, Sapitiba.

DISTRIBUTION: Oaxaca and Veracruz (Mexico) to Bolivia and Guianas; Paraguay and SE Brazil.

SYNONYMS: *minuta*, *nattereri*, *thyone*, *venilla* (see Jones and Carter, 1976:24).

COMMENTS: Subgenus *Vampyressa*. See Lewis and Wilson (1987, Mammalian Species, 292).

Vampyrodes Thomas, 1900. Ann. Mag. Nat. Hist., ser. 7, 5:270.

TYPE SPECIES: *Vampyrops caracciola* Thomas, 1889.

Vampyrodes caraccioli (Thomas, 1889). Ann. Mag. Nat. Hist., ser. 6, 4:167.

TYPE LOCALITY: Trinidad and Tobago, Trinidad.

DISTRIBUTION: Oaxaca (Mexico) to Peru, Bolivia and N Brazil; Trinidad and Tobago.

SYNONYMS: *major*, *ornatus*.

COMMENTS: Includes *major*; see Jones and Carter (1976:24). See Willis et al. (1990, Mammalian Species, 359).

Subfamily Desmodontinae Bonaparte, 1845. Cat. Met. Mamm. Europe, p. 5.

COMMENTS: Formerly treated as a separate family; see Jones and Carter (1976:31).

Desmodus Wied-Neuwied, 1826. Beitr. Naturgesch. Brasil, 2:231.

TYPE SPECIES: *Desmodus rufus* Wied-Neuwied, 1824 (= *Phyllostoma rotundus* E. Geoffroy, 1810).

Desmodus rotundus (E. Geoffroy, 1810). Ann. Mus. Hist. Nat. Paris, 15:181.

TYPE LOCALITY: Paraguay, Asuncion.

DISTRIBUTION: Uruguay, N Argentina, and N Chile to Sonora, Nuevo Leon and Tamaulipas (Mexico); Margarita Isl (Venezuela); Trinidad.

SYNONYMS: *cinerea*, *d'orbigny*, *ecaudatus*, *fuscus*, *mordax*, *murinus*, *rufus*.

COMMENTS: See Greenhall et al. (1983, Mammalian Species, 202).

Diaemus Miller, 1906. Proc. Biol. Soc. Washington, 19:84.

TYPE SPECIES: *Desmodus youngi* Jentink, 1893.

COMMENTS: Included in *Desmodus* by Handley (1976:35); but see Hall (1981:174).

Diaemus youngi (Jentink, 1893). Notes Leyden Mus., 15:282.

TYPE LOCALITY: Guyana, Berbice River, upper Canje Creek.

DISTRIBUTION: Tamaulipas (Mexico) to N Argentina and E Brazil; Trinidad; Margarita Isl (Venezuela).

SYNONYMS: *cypselinus*.

Diphylla Spix, 1823. Sim. Vespert. Brasil., p. 68.

TYPE SPECIES: *Diphylla ecaudata* Spix, 1823.

Diphylla ecaudata Spix, 1823. Sim. Vespert. Brasil., p. 68.

TYPE LOCALITY: Brazil, Bahia, San Francisco River.

DISTRIBUTION: S Texas (USA) to Venezuela, Peru, Bolivia, and E Brazil.

SYNONYMS: *centralis*, *diphylla*.

COMMENTS: See Greenhall et al. (1984, Mammalian Species, 227).

Family Natalidae Gray, 1866. Ann. Mag. Nat. Hist., ser. 3, 17:90.

Natalus Gray, 1838. Mag. Zool. Bot., 2:496.

TYPE SPECIES: *Natalus stramineus* Gray, 1838.

SYNONYMS: *Chilonatalus*, *Nyctiellus*.

Natalus lepidus (Gervais, 1837). L'Inst. Paris, 5(218):253.

TYPE LOCALITY: Cuba.

DISTRIBUTION: Cuba, Bahama Isls.

COMMENTS: Subgenus *Nyctiellus*.

Natalus micropus Dobson, 1880. Proc. Zool. Soc. Lond., 1880:443.

TYPE LOCALITY: Jamaica, Kingston.

DISTRIBUTION: Cuba, Jamaica, Hispaniola, Providencia Isl (Colombia).

SYNONYMS: *brevimanus*, *macer*.

COMMENTS: Subgenus *Chilonatalus*. Includes *brevimanus* and *macer*; see Varona (1974:32).

Formerly included *tumidifrons*; but see Ottenwalder and Genoways (1982) who revised both species. Kerridge and Baker (1978, Mammalian Species, 114) treated only the nominate subspecies.

Natalus stramineus Gray, 1838. Mag. Zool. Bot., 2:496.

TYPE LOCALITY: Unknown, given by Goodwin (1959b:2), who discussed the problem, as probably Antigua, Lesser Antilles.

DISTRIBUTION: S Baja California, Nuevo Leon, and Sonora (Mexico) to Brazil; Lesser Antilles; Hispaniola; Jamaica; Cuba (subfossil).

SYNONYMS: *dominicensis*, *jamaicensis*, *major*, *mexicanus*, *natalensis*, *primus*, *saturatus*, *tronchonii*.

COMMENTS: Subgenus *Natalus*. For synonyms see Varona (1974:32) and Goodwin (1959b:6).

See Hoyt and Baker (1980, Mammalian Species, 130, including only the Greater Antillean subspecies). See Handley and Gardner (1990) for clarification of the holotype.

Natalus tumidifrons (Miller, 1903). Proc. Biol. Soc. Washington, 16:119.

TYPE LOCALITY: Bahamas, Watling Island.

DISTRIBUTION: Islands of the Bahamas.

COMMENTS: Subgenus *Chilonatalus*. Formerly included in *micropus*; but see Ottenwalder and Genoways (1982) who revised both species.

Natalus tumidirostris Miller, 1900. Proc. Biol. Soc. Washington, 13:160.

TYPE LOCALITY: Curacao, Hatto (Netherlands).

DISTRIBUTION: Surinam, Venezuela, Colombia, Trinidad and Tobago, Curacao and Bonaire (Netherlands Antilles).

SYNONYMS: *continentis*, *haymani*.

COMMENTS: Subgenus *Natalus*. Revised by Goodwin (1959b).

Family Furipteridae Gray, 1866. Ann. Mag. Nat. Hist., ser. 3, 17:91.

Amorphochilus Peters, 1877. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1877:185.

TYPE SPECIES: *Amorphochilus schnablii* Peters, 1877.

Amorphochilus schnablii Peters, 1877. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1877:185.

TYPE LOCALITY: Peru, Tumbes, Tumbes.

DISTRIBUTION: W Peru, W Ecuador, Puna Isl (Ecuador), N Chile.

SYNONYMS: *osgoodi*.

Furipterus Bonaparte, 1837. Iconogr. Fauna Ital., 1, fasc. 21.

TYPE SPECIES: *Furia horrens* F. Cuvier, 1828.

Furipterus horrens (F. Cuvier, 1828). Mem. Mus. Hist. Nat. Paris, 16:150.

TYPE LOCALITY: French Guiana, Mana River.

DISTRIBUTION: Costa Rica to Peru and E Brazil; Trinidad.

SYNONYMS: *coerulescens*.

Family Thyropteridae Miller, 1907. Bull. U.S. Natl. Mus., 57: 84, 186.

Thyroptera Spix, 1823. Sim. Vespert. Brasil., p. 61.

TYPE SPECIES: *Thyroptera tricolor* Spix, 1823.

Thyroptera discifera (Lichtenstein and Peters, 1855). Monatsb. K. Preuss. Akad. Wiss. Berlin, 1855:335.

TYPE LOCALITY: Venezuela, Carabobo, Puerto Cabello.

DISTRIBUTION: Nicaragua; Panama and Colombia to Guianas, Amazonian Brazil, Peru, and Bolivia.

SYNONYMS: *abdita*, *major*.

COMMENTS: See Wilson (1978, Mammalian Species, 104).

Thyroptera tricolor Spix, 1823. Sim. Vespert. Brasil., p. 61.

TYPE LOCALITY: Brazil, Amazon River.

DISTRIBUTION: Veracruz (Mexico) to Guianas, E Brazil, Bolivia, and Peru; Trinidad.

SYNONYMS: *albigula*, *albiventer*, *bicolor*, *juquiaensis*, *thyropterus*.

COMMENTS: See Wilson and Findley (1977, Mammalian Species, 71).

Family Myzopodidae Thomas, 1904. Proc. Zool. Soc. Lond., 1904(2):5.

Myzopoda Milne-Edwards and A. Grandidier, 1878. Bull. Sci. Soc. Philom. Paris, ser. 7, 2:220.

TYPE SPECIES: *Myzopoda aurita* Milne-Edwards and A. Grandidier, 1878.

Myzopoda aurita Milne-Edwards and A. Grandidier, 1878. Bull. Sci. Soc. Philom. Paris, ser. 7, 2:220.

TYPE LOCALITY: Madagascar.

DISTRIBUTION: Madagascar.

COMMENTS: See Schliemann and Maas (1978, Mammalian Species, 116).

Family Vespertilionidae Gray, 1821. London Med. Repos., 15:299.

Subfamily Kerivoulinae Miller, 1907. Bull. U.S. Natl. Mus., 57:232.

Kerivoula Gray, 1842. Ann. Mag. Nat. Hist., [ser. 1], 10:258.

TYPE SPECIES: *Vespertilio pictus* Pallas, 1767.

SYNONYMS: *Phoniscus*.

COMMENTS: Includes *Phoniscus*; see Koopman (1982:22) and Ryan (1965:518); but also see Hill (1965:524-528) and Corbet and Hill (1980:77).

Kerivoula aerea (Tomes, 1858). Proc. Zool. Soc. Lond., 1858:333.

TYPE LOCALITY: "Eastern coast of South Africa."

DISTRIBUTION: Possibly South Africa.

COMMENTS: Subgenus *Phoniscus*. See Hill (1965:552-554) for placement of this species.

Kerivoula africana Dobson, 1878. Cat. Chiroptera Brit. Mus., p. 335.

TYPE LOCALITY: Tanzania, coast opposite Zanzibar Isl.

DISTRIBUTION: Tanzania.

COMMENTS: Subgenus *Kerivoula*.

Kerivoula agnella Thomas, 1908. Ann. Mag. Nat. Hist., ser. 8, 2:372.

TYPE LOCALITY: Papua New Guinea, Louisiade Archipelago, Misima Isl.

DISTRIBUTION: Louisiade Arch. and D'Entrecasteaux Isls (Papua New Guinea).

COMMENTS: Subgenus *Kerivoula*.

Kerivoula argentata Tomes, 1861. Proc. Zool. Soc. Lond., 1861:32.

TYPE LOCALITY: Namibia, Otjoro.

DISTRIBUTION: Uganda and S Kenya to Angola, Namibia and Natal (South Africa).

SYNONYMS: *nidicola*, *zuluensis*.

COMMENTS: Subgenus *Kerivoula*.

Kerivoula atrox Miller, 1905. Proc. Biol. Soc. Washington, 18:230.

TYPE LOCALITY: Indonesia, Sumatra, near Kateman River.

DISTRIBUTION: S Thailand, W Malaysia, Sumatra, Borneo.

COMMENTS: Subgenus *Phoniscus*.

Kerivoula cuprosa Thomas, 1912. Ann. Mag. Nat. Hist., ser. 8, 10:41.

TYPE LOCALITY: Cameroon, Ja River, Bitey.

DISTRIBUTION: Kenya, N Zaire, S Cameroon.

COMMENTS: Subgenus *Kerivoula*.

Kerivoula eriophora (Heuglin, 1877). Reise Nordost-Afrika, 2:34.

TYPE LOCALITY: Ethiopia, Belegaz Valley, between Semian and Wogara.

DISTRIBUTION: Ethiopia.

COMMENTS: Subgenus *Kerivoula*. Very poorly known; may be conspecific with *africana* which it antedates; see Hayman and Hill (1971:53).

Kerivoula flora Thomas, 1914. Ann. Mag. Nat. Hist., ser. 8, 13:441.

TYPE LOCALITY: Indonesia, Lesser Sundas, S Flores.

DISTRIBUTION: Lesser Sunda Isls (Indonesia), Borneo.

COMMENTS: Subgenus *Kerivoula*. See Hill and Rozendaal (1989).

Kerivoula hardwickei (Horsfield, 1824). Zool. Res. Java, Part 8:28.

TYPE LOCALITY: Indonesia, Java.

DISTRIBUTION: India; Sri Lanka; Burma; Thailand; China; W Malaysia; Borneo; Java, Sumatra, Mentawai Isls, Sulawesi, Bali, Lesser Sundas, Kangean Isl and Talud Isl (Indonesia); Philippines.

SYNONYMS: *crypta*, *depressa*, *engana*, *fusca*, *malpasi*.

COMMENTS: Subgenus *Kerivoula*. Does not include *flora*; see Hill and Rozendaal (1989).

Kerivoula intermedia Hill and Francis, 1984. Bull. Brit. Mus. Nat. Hist. (Zool.), 47:323.

TYPE LOCALITY: Borneo, Sabah, Lumerao.

DISTRIBUTION: Borneo, W Malaysia.

COMMENTS: Subgenus *Kerivoula*.

Kerivoula jagori (Peters, 1866). Monatsb. K. Preuss. Akad. Wiss. Berlin, 1866:399.

TYPE LOCALITY: Philippines, Samar.

DISTRIBUTION: Borneo, Java, Bali, Sulawesi, and Lesser Sunda Isls, Samar Isl (Philippines).

SYNONYMS: *javana*, *rapax* (see Hill, 1965:549-550).

COMMENTS: Subgenus *Phoniscus*.

Kerivoula lanosa (A. Smith, 1847). Illustr. Zool. S. Afr. Mamm., pl. 50.

TYPE LOCALITY: South Africa, Cape Province, 200 mi. (322 km) E Capetown.

DISTRIBUTION: Liberia to Ethiopia, south to South Africa.

SYNONYMS: *bellula*, *brunnea*, *harrisoni*, *lucia*, *muscilla*.

COMMENTS: Subgenus *Kerivoula*. Includes *harrisoni* and *muscilla*; see Hill (1977a).

Kerivoula minuta Miller, 1898. Proc. Acad. Nat. Sci. Philadelphia, p. 321.

TYPE LOCALITY: Thailand, Trang Province.

DISTRIBUTION: W Malaysia, S Thailand, Borneo.

COMMENTS: Subgenus *Kerivoula*.

Kerivoula muscina Tate, 1941. Bull. Am. Mus. Nat. Hist., 78:586.

TYPE LOCALITY: Papua New Guinea, Western Province, Lake Daviumbu, ca. 20 m.

DISTRIBUTION: C New Guinea.

COMMENTS: Subgenus *Kerivoula*.

Kerivoula myrella Thomas, 1914. Ann. Mag. Nat. Hist., ser. 8, 13:438.

TYPE LOCALITY: Papua New Guinea, Bismarck Archipelago, Admiralty Isls, Manus Isl.

DISTRIBUTION: Bismarck Arch.; Wetar Isl (Lesser Sunda Isls).

COMMENTS: Subgenus *Kerivoula*.

Kerivoula papillosa (Temminck, 1840). Monogr. Mamm., 2:220.

TYPE LOCALITY: Indonesia, Java, Bantam.

DISTRIBUTION: NE India, Vietnam, W Malaysia, Sumatra, Java, Sulawesi, Borneo.

SYNONYMS: *lenis*, *malayana*.

COMMENTS: Subgenus *Kerivoula*.

Kerivoula papuensis (Dobson, 1878). Cat. Chiroptera Brit. Mus., p. 339.

TYPE LOCALITY: Papua New Guinea, Central Prov., Port Moresby.

DISTRIBUTION: SE New Guinea; Queensland, New South Wales (Australia).

COMMENTS: Subgenus *Phoniscus*.

Kerivoula pellucida (Waterhouse, 1845). Proc. Zool. Soc. Lond., 1845:6.

TYPE LOCALITY: Philippines.

DISTRIBUTION: Borneo, Philippines, Java and Sumatra, W Malaysia.

SYNONYMS: *bombifrons*.

COMMENTS: Subgenus *Kerivoula*. Includes *bombifrons*; see Hill (1965:539).

Kerivoula phalaena Thomas, 1912. Ann. Mag. Nat. Hist., ser. 8, 10:281.

TYPE LOCALITY: Ghana, Bibianaha.

DISTRIBUTION: Liberia, Ghana, Cameroon, Congo Republic, Zaire.

COMMENTS: Subgenus *Kerivoula*.

Kerivoula picta (Pallas, 1767). Spicil. Zool., 3:7.

TYPE LOCALITY: Indonesia, Molucca Isls, Ternate Isl.

DISTRIBUTION: Sri Lanka; India to Vietnam, W Malaysia, and S China; Borneo; Sumatra, Java, Bali, Lombok, and Molucca Isls.

SYNONYMS: *bellissima*.

COMMENTS: Subgenus *Kerivoula*.

Kerivoula smithi Thomas, 1880. Ann. Mag. Nat. Hist., ser. 5, 6:166.

TYPE LOCALITY: Nigeria, Calabar.

DISTRIBUTION: Nigeria, Cameroon, N and E Zaire, Kenya, Ivory Coast, Liberia.

COMMENTS: Subgenus *Kerivoula*.

Kerivoula whiteheadi Thomas, 1894. Ann. Mag. Nat. Hist., ser. 6, 14:460.

TYPE LOCALITY: Philippines, Luzon, Isabella.

DISTRIBUTION: Philippines, Borneo, S Thailand, W Malaysia.

SYNONYMS: *bicolor*, *pusilla* (see Hill, 1965:532-533).

COMMENTS: Subgenus *Kerivoula*.

Subfamily Vespertilioninae Gray, 1821. London Med. Repos., 15:299.

COMMENTS: Includes Nyctophilinae, see Koopman (1984a).

Antrozous H. Allen, 1862. Proc. Acad. Nat. Sci. Philadelphia, 14:248.

TYPE SPECIES: *Vespertilio pallidus* Le Conte, 1856.

SYNONYMS: *Bauerus*.

COMMENTS: Includes *Bauerus*; see Pine et al. (1967); but see also Engstrom and Wilson (1981).

Antrozous dubiaquercus Van Gelder, 1959. Am. Mus. Novit., 1973:2.

TYPE LOCALITY: Mexico, Nayarit, Tres Marias Isls, Maria Magdalena Isl.

DISTRIBUTION: Tres Marias Isls, Jalisco, Veracruz, and Chiapas (Mexico); Belize; Honduras, Costa Rica.

SYNONYMS: *meyeri*.

COMMENTS: Subgenus *Bauerus*. Includes *meyeri*; see Pine (1967). Jones et al. (1977).

Engstrom and Wilson (1981) placed this species in the monotypic genus *Bauerus*. See

Engstrom et al. (1987b, Mammalian Species, 282, as *Bauerus dubiaquercus*).

Antrozous pallidus (Le Conte, 1856). Proc. Acad. Nat. Sci. Philadelphia, 7:437.

TYPE LOCALITY: USA, Texas, El Paso Co., El Paso.

DISTRIBUTION: Queretaro and Baja California (Mexico) to Kansas (USA) and British Columbia (Canada); Cuba.

SYNONYMS: *bunkeri*, *koopmani*, *minor*, *pacificus*, *packardi*.

COMMENTS: Subgenus *Antrozous*. Includes *bunkeri*; see Morse and Glass (1960). Includes *koopmani*; see Martin and Schmidly (1982). See Hermanson and O'Shea (1983, Mammalian Species, 213).

Barbastella Gray, 1821. London Med. Repos., 15:300.

TYPE SPECIES: *Vespertilio barbastellus* Schreber, 1774.

Barbastella barbastellus (Schreber, 1774). Die Säugethiere, 1:168.

TYPE LOCALITY: France, Burgundy.

DISTRIBUTION: England and W Europe to Caucasus; Turkey; Crimea (Ukraine); Morocco; larger Mediterranean islands; Canary Isls; perhaps Senegal.

SYNONYMS: *communis*, *daubentonii*.

COMMENTS: Does not include *leucomelas*, but see Qumsiyeh (1985).

Barbastella leucomelas (Cretzschmar, 1826). In Ruppell, Atlas Reise Nordl. Afr., Zool. Säugeh., p. 73.

TYPE LOCALITY: Egypt, Sinai.

DISTRIBUTION: Caucasus to The Pamirs, N Iran, Afganistan, India, and W China; Honshu, Hokkaido (Japan); Sinai (Egypt); N Ethiopia; perhaps Indo-China.

SYNONYMS: *blanfordi*, *caspica*, *darjelingensis*, *walteri*.

Chalinolobus Peters, 1866. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1866:679.

TYPE SPECIES: *Vespertilio tuberculatus* Forster, 1844).

SYNONYMS: *Glauconycteris*.

COMMENTS: Includes *Glauconycteris*; see Koopman (1971); but also see Hill and Harrison (1987), who retained *Glauconycteris* as a distinct genus. Reviewed by Tate (1942a:221-227) and Ryan (1966).

Chalinolobus alboguttatus (J. A. Allen, 1917). Bull. Am. Mus. Nat. Hist., 37:449.

TYPE LOCALITY: Zaire, Oriental, Medje.

DISTRIBUTION: Zaire, Cameroon.

COMMENTS: Subgenus *Glauconycteris*.

Chalinolobus argentatus (Dobson, 1875). Proc. Zool. Soc. Lond., 1875:385.

TYPE LOCALITY: Cameroon, Western Province, Mt. Cameroon.

DISTRIBUTION: Cameroon to Kenya, south to Angola and Tanzania.

COMMENTS: Subgenus *Glauconycteris*.

Chalinolobus beatrix (Thomas, 1901). Ann. Mag. Nat. Hist., ser. 7, 8:256.

TYPE LOCALITY: Equatorial Guinea, Rio Muni, Benito River, 15 mi. (24 km) from mouth.

DISTRIBUTION: Ivory Coast, Kenya, Congo Republic, perhaps Guinea (Bissau).

SYNONYMS: *humeralis*.

COMMENTS: Subgenus *Glauconycteris*. Includes *humeralis*; see Koopman (1971:7, 8).

Chalinolobus dwyeri Ryan, 1966. J. Mammal., 47:89.

TYPE LOCALITY: Australia, New South Wales, 14 mi. (23 km) S Inverell, Copeton.

DISTRIBUTION: New South Wales and adjacent part of Queensland (Australia).

COMMENTS: Subgenus *Chalinolobus*.

Chalinolobus egeria (Thomas, 1913). Ann. Mag. Nat. Hist., ser. 8, 11:144.

TYPE LOCALITY: Cameroon, Western Province, Bibundi.

DISTRIBUTION: Cameroon, Uganda.

COMMENTS: Subgenus *Glauconycteris*.

Chalinolobus gleni (Peterson and Smith, 1973). R. Ont. Mus. Life Sci. Occas. Pap., 22:3.

TYPE LOCALITY: Cameroon, near Lomie.

DISTRIBUTION: Cameroon, Uganda.

COMMENTS: Subgenus *Glauconycteris*.

Chalinolobus gouldii Gray, 1841. Appendix C in J. Two Exped. Aust., 2:401, 405.

TYPE LOCALITY: Australia, Tasmania, Launceston.

DISTRIBUTION: Australia but not Cape York Peninsula N of Cardwell; Tasmania, Norfolk Isl (Australia); New Caledonia.

SYNONYMS: *neocaledonicus*, *venatoris*.

COMMENTS: Subgenus *Chalinolobus*. Includes *neocaledonicus*; see Koopman (1971:5).

Chalinolobus kenyacola (Peterson, 1982.) Canadian J. Zool. 60:2521.

TYPE LOCALITY: Kenya, Coast Prov., 8.5 km N Garsen.

DISTRIBUTION: Kenya.

COMMENTS: Subgenus *Glauconycteris*.

Chalinolobus morio Gray, 1841. Appendix C in J. Two Exped. Aust., 2:400, 405.

TYPE LOCALITY: Australia, Tasmania.

DISTRIBUTION: Southern Australia, Tasmania.

SYNONYMS: *australis*, *microdon*, *signifer* (see Tate, 1942a).

COMMENTS: Subgenus *Chalinolobus*.

- Chalinolobus nigrogriseus* Gould, 1852. Mamm. Aust., pt. 4, vol. 3, pl. 43.
 TYPE LOCALITY: Australia, Queensland, vic. of Moreton Bay.
 DISTRIBUTION: N and E Australia; SE New Guinea and adjacent small islands.
 SYNONYMS: *rogersi*.
 COMMENTS: Subgenus *Chalinolobus*. Includes *rogersi*; see Van Deusen and Koopman (1971), who revised the species.
- Chalinolobus picatus* Gould, 1852. Mamm. Aust., pt. 4, vol. 3, pl. 43.
 TYPE LOCALITY: Australia, New South Wales, Capt. Sturt's Depot.
 DISTRIBUTION: NW New South Wales, C and S Queensland, and South Australia (Australia).
 COMMENTS: Subgenus *Chalinolobus*.
- Chalinolobus poensis* (Gray, 1842). Ann. Mag. Nat. Hist., [ser. 1], 10:258.
 TYPE LOCALITY: Nigeria, Abo (lower Niger River).
 DISTRIBUTION: Senegal to Uganda; Bioko.
 SYNONYMS: *kraussi*.
 COMMENTS: Subgenus *Glauconycteris*.
- Chalinolobus superbus* (Hayman, 1939). Ann. Mag. Nat. Hist., ser. 11, 3:219.
 TYPE LOCALITY: Zaire, Oriental, Ituri Dist., Pawa.
 DISTRIBUTION: Ivory Coast, Ghana, NE Zaire.
 SYNONYMS: *sheila*.
 COMMENTS: Subgenus *Glauconycteris*.
- Chalinolobus tuberculatus* (Forster, 1844). Descrip. Animal. Itinere Maris Aust. Terras, 1772-74:62.
 TYPE LOCALITY: New Zealand.
 DISTRIBUTION: New Zealand and adjacent small islands.
 COMMENTS: Subgenus *Chalinolobus*.
- Chalinolobus variegatus* (Tomes, 1861). Proc. Zool. Soc. Lond., 1861:36.
 TYPE LOCALITY: Namibia, Otjoro.
 DISTRIBUTION: Senegal to Somalia, south to South Africa.
 SYNONYMS: *machadoi*, *papilio*, *phalaena*.
 COMMENTS: Subgenus *Glauconycteris*. Includes *machadoi*; see Koopman (1971:6).
- Eptesicus Rafinesque*, 1820. Ann. Nature, p. 2.
 TYPE SPECIES: *Eptesicus melanops* Rafinesque, 1820 (= *Vespertilio fuscus* Beauvois, 1796).
 SYNONYMS: *Neoromicia*, *Rhinopterus*, *Vespadelus*.
 COMMENTS: Middle and South American species reviewed by W. B. Davis (1965) and Davis (1966). Australian species reviewed by Kitchener et al. (1987). Hill and Harrison (1987) would transfer the Australian and most of the African species (subgenera *Vespadelus* and *Neoromicia*) to *Pipistrellus*. Volleth and Tidemann (1991) would raise *Vespadelus* to full generic rank.
- Eptesicus baverstocki* Kitchener, Jones, and Caputi, 1987. Rec. W. Aust. Mus., 13:481.
 TYPE LOCALITY: Australia, Western Australia, Yuinmery area.
 DISTRIBUTION: C and S Australia.
 COMMENTS: Subgenus *Vespadelus*.
- Eptesicus bobrinskoi* Kuzyakin, 1935. Bull. Soc. Nat. Moscow, 44:435.
 TYPE LOCALITY: Kazakhstan, 65 km E Aralsk, Tyulek Wells in Aral-Kara-Kum desert.
 DISTRIBUTION: North Caucasus, Kazakhstan, Uzbekistan, and Turkmenistan; an Iranian listing is apparently erroneous.
 COMMENTS: Subgenus *Eptesicus*. Revised by Hanak and Gaisler (1971); see also Hanak and Horáček (1986).
- Eptesicus bottae* (Peters, 1869). Monatsb. K. Preuss. Akad. Wiss. Berlin, 1869:406.
 TYPE LOCALITY: Yemen.
 DISTRIBUTION: Turkey, Egypt, and Yemen, east to Mongolia and Pakistan.
 SYNONYMS: *anatolicus*, *hingstoni*, *innesi*, *ognevi*, *omanensis*, *taftanimontis* (see Corbet, 1978c:57, and DeBlase, 1971).
 COMMENTS: Subgenus *Eptesicus*. Revised by Nader and Kock (1990).

- Eptesicus brasiliensis* (Desmarest, 1819). *Nouv. Dict. Hist. Nat., Nouv. ed.*, 35:478.
TYPE LOCALITY: Brazil, Goias.
DISTRIBUTION: Veracruz (Mexico) south to N Argentina and Uruguay; Trinidad and Tobago.
SYNONYMS: *andinus*, *arctoideus*, *arge*, *argentinus*, *chiriquinus*, *derasus*, *ferrugineus*, *hilarii*, *inca*; *melanopterus* Jentink; *nitens*, *thomasi*.
COMMENTS: Subgenus *Eptesicus*. Includes *chiriquinus*, *melanopterus*, and *andinus*; see Koopman (1978b:19); but see also Davis (1966).
- Eptesicus brunneus* (Thomas, 1880). *Ann. Mag. Nat. Hist.*, ser. 5, 6:165.
TYPE LOCALITY: Nigeria, Eastern region, Calabar.
DISTRIBUTION: Liberia to Zaire.
COMMENTS: Subgenus *Neoromicia*.
- Eptesicus capensis* (A. Smith, 1829). *Zool. J.*, 4:435.
TYPE LOCALITY: South Africa, Cape Province, Grahamstown.
DISTRIBUTION: Guinea to Ethiopia, south to South Africa; Madagascar.
SYNONYMS: *damarensis*, *garambae*, *gracilior*, *grandidieri*, *matroka*, *nkatiensis*, *notius*.
COMMENTS: Subgenus *Neoromicia*. Includes *notius*; see Koopman (1975b:405).
- Eptesicus demissus* Thomas, 1916. *J. Fed. Malay St. Mus.*, 7:1.
TYPE LOCALITY: Thailand, Surat Thani, Khao Nong.
DISTRIBUTION: Peninsular Thailand.
COMMENTS: Subgenus *Eptesicus*.
- Eptesicus diminutus* Osgood, 1915. *Field Mus. Nat. Hist. Publ., Zool. Ser.*, 10:197.
TYPE LOCALITY: Brazil, Bahia, Rio Preto, São Marcello.
DISTRIBUTION: Venezuela, E Brazil, Paraguay, Uruguay, N Argentina.
SYNONYMS: *fidelis*.
COMMENTS: Subgenus *Eptesicus*. Includes *fidelis*; see Williams (1978c:380-382), and also for the use of *diminutus* instead of *dorianus*.
- Eptesicus douglasorum* Kitchener, 1976. *Rec. W. Aust. Mus.*, 4:295, 296.
TYPE LOCALITY: Australia, Western Australia, Kimberley, Napier Ranges, Tunnel Creek.
DISTRIBUTION: Kimberley (N Western Australia).
COMMENTS: Subgenus *Vespadelus*. Originally described as *douglasi* but emended by Kitchener et al. (1987).
- Eptesicus flavescens* (Seabra, 1900). *J. Sci. Math. Phys. Nat. Lisboa*, ser. 2, 6:23.
TYPE LOCALITY: Angola, Galanga.
DISTRIBUTION: Angola, Burundi.
SYNONYMS: *angolensis*.
COMMENTS: Subgenus *Neoromicia*.
- Eptesicus floweri* (de Winton, 1901). *Ann. Mag. Nat. Hist.*, ser. 7, 7:46.
TYPE LOCALITY: Sudan, Khartoum, Wad Marium.
DISTRIBUTION: Sudan, Mali.
SYNONYMS: *lowei*.
COMMENTS: Subgenus *Rhinopterus*. Includes *lowei*; see Braestrup (1935); but also see Hayman and Hill (1971:45).
- Eptesicus furinalis* (d'Orbigny, 1847). *Voy. Am. Merid., Atlas Zool.*, 4:13.
TYPE LOCALITY: Argentina, Corrientes.
DISTRIBUTION: N Argentina, Brazil, and Guianas to Jalisco and Tamaulipas (Mexico).
SYNONYMS: *carteri*, *chapmani*, *chiralensis*, *dorianus*, *findleyi*, *gaumeri*, *montosus*.
COMMENTS: Subgenus *Eptesicus*. Includes *montosus*; see Koopman (1978b:19), but see also Davis (1966).
- Eptesicus fuscus* (Beauvois, 1796). *Cat. Raisonne Mus. Peale Philadelphia*, p. 18.
TYPE LOCALITY: USA, Pennsylvania, Philadelphia.
DISTRIBUTION: S Canada to Colombia and N Brazil; Greater Antilles; Bahamas; Dominica and Barbados (Lesser Antilles); perhaps Alaska.
SYNONYMS: *arquatus*, *bahamensis*, *bernardinus*, *carolinensis*, *cubensis*, *dutertreus*, *hispaniolae*, *lynni*, *melanops*; *melanopterus* Rehn; *miradorensis*, *osceola*, *pallidus*, *peninsulae*, *pelliceus*, *petersoni*, *phaiops*, *ursinus*, *wetmorei*.

- COMMENTS: Subgenus *Eptesicus*. Closely similar to *serotinus* with which it may be conspecific. Includes *lynni*, see Koopman (1989c). See Kurta and Baker (1990, *Mammalian Species*, 356).
- Eptesicus guadeloupensis* Genoways and Baker, 1975. *Occas. Pap. Mus. Texas Tech Univ.*, 34:1.
 TYPE LOCALITY: Guadeloupe (Lesser Antilles), Basse Terre, 2 km S and 2 km E Baiae-Mahault (France).
 DISTRIBUTION: Guadeloupe (Lesser Antilles).
 COMMENTS: Subgenus *Eptesicus*.
- Eptesicus guineensis* (Bocage, 1889). *J. Sci. Math. Phys. Nat. Lisboa*, ser. 2, 1:6.
 TYPE LOCALITY: Guinea-Bissau, Bissau.
 DISTRIBUTION: Senegal and Guinea to Ethiopia and NE Zaire; perhaps Tanzania.
 SYNONYMS: *rectitragus*.
 COMMENTS: Subgenus *Neoromicia*. This species is called *pusillus* by Hayman and Hill (1971); but see Koopman (1975:406, 407).
- Eptesicus hottentotus* (A. Smith, 1833). *S. Afr. J.*, 2:59.
 TYPE LOCALITY: South Africa, Cape Province, Uitenhage.
 DISTRIBUTION: South Africa to Angola and Kenya.
 SYNONYMS: *angusticeps*, *bensoni*, *megalurus*, *pallidior*, *portavernus*, *smithi*.
 COMMENTS: Subgenus *Eptesicus*. Revised by Schlitter and Aggundey (1986).
- Eptesicus innoxius* (Gervais, 1841). *In Vaillant, Voy. autour du monde...la Bonite*, Zool.(Eyedoux and Souleyet), 1:pl. 2.
 TYPE LOCALITY: Peru, Piura, Amotape.
 DISTRIBUTION: NW Peru, W Ecuador, Puna Isl (Ecuador).
 SYNONYMS: *espadae*, *punicus*.
 COMMENTS: Subgenus *Eptesicus*.
- Eptesicus kobayashii* Mori, 1928. *Zool. Mag. (Tokyo)*, 40:292.
 TYPE LOCALITY: Korea, Nando, Heian, Heijo.
 DISTRIBUTION: Korea.
 COMMENTS: Subgenus *Eptesicus*. Status uncertain; see Corbet (1978c:58), but probably a representative of *E. bottae*.
- Eptesicus melckorum* Roberts, 1919. *Ann. Transvaal Mus.*, 6:113.
 TYPE LOCALITY: South Africa, Cape Province, Berg River, Kersfontein.
 DISTRIBUTION: Cape Prov. (South Africa), Zambia, Mozambique, Tanzania.
 COMMENTS: Subgenus *Neoromicia*. This species has not been clearly distinguished from *capensis*.
- Eptesicus nasutus* (Dobson, 1877). *J. Asiat. Soc. Bengal*, 46:311.
 TYPE LOCALITY: Pakistan, Sind, Shikarpur.
 DISTRIBUTION: Arabia, Iraq, Iran, Afghanistan, Pakistan.
 SYNONYMS: *batinensis*, *matschei*, *pellucens*, *walli*.
 COMMENTS: Subgenus *Eptesicus*. Does not include *bobrinskoi*; see Corbet (1978c:57). Includes *walli*; see DeBlase (1980:182-188). Revised by Gaisler (1970).
- Eptesicus nilssoni* (Keyserling and Blasius, 1839). *Arch. Naturgesch.*, 5(1):315.
 TYPE LOCALITY: Sweden.
 DISTRIBUTION: W and E Europe to E Siberia and NW China; north beyond Arctic Circle in Scandinavia, south to Bulgaria, Iraq, the Elburz Mtns (N Iran), The Pamirs and W China (not Tibet); Nepal; Honshu, Hokkaido (Japan); Sakhalin Isl (Russia).
 SYNONYMS: *atratus*, *centralasiaticus*, *gobiensis*, *japonensis*, *kashgaricus*, *parvus*, *propinquus*.
 COMMENTS: Subgenus *Eptesicus*. Includes *propinquus*; see W. B. Davis (1965:230). Includes *japonensis*; see Corbet (1978c:57), but also see Yoshiyuki (1989). Includes *gobiensis*; see Corbet (1978c); but see also Strelkov (1986), who discussed status, relations, and distribution, and Pavlinov and Rossolimo (1987). Revised by Wallin (1969).
- Eptesicus pachyotis* (Dobson, 1871). *Proc. Asiat. Soc. Bengal*, p. 211.
 TYPE LOCALITY: India, Assam, Khasi Hills.
 DISTRIBUTION: Assam (India), N Burma, N Thailand.

COMMENTS: Subgenus *Eptesicus*.

Eptesicus platyops (Thomas, 1901). Ann. Mag. Nat. Hist., ser. 7, 8:31.

TYPE LOCALITY: Nigeria, Western Region, Lagos.

DISTRIBUTION: Nigeria, Senegal, Bioko.

COMMENTS: Subgenus *Eptesicus*. Considered a subspecies of *serotinus* by Ibáñez and Valverde (1985), but no comparison with *E. bottae* was made.

Eptesicus pumilus Gray, 1841. Appendix C in J. Two Exped. Austr., 2:406.

TYPE LOCALITY: Australia, New South Wales, Yarrundi.

DISTRIBUTION: N Western Australia, Northern Territory, Queensland, New South Wales, and South Australia (Australia).

SYNONYMS: *caurinus*, *darlingtoni*, *finlaysoni*, *troughtoni*.

COMMENTS: Subgenus *Vespadelus*. Includes *darlingtoni* and *caurinus*; see McKean et al. (1978:533); but see also Kitchener et al. (1987), who described *finlaysoni* and *troughtoni*, which are included here, as separate species, and transferred *darlingtoni* to *sagittula*.

Eptesicus regulus (Thomas, 1906). Proc. Zool. Soc. Lond., 1906:470, 471.

TYPE LOCALITY: Australia, Western Australia, King Georges Sound, King River (near Albany).

DISTRIBUTION: SW and SE Australia, including Tasmania.

COMMENTS: Subgenus *Vespadelus*. See McKean et al. (1978:532, 534).

Eptesicus rendalli (Thomas, 1889). Ann. Mag. Nat. Hist., ser. 6, 3:362.

TYPE LOCALITY: Gambia, Bathurst.

DISTRIBUTION: Gambia to Somalia, south to Botswana, Malawi, and Mozambique.

SYNONYMS: *faradius*, *phasma*.

COMMENTS: Subgenus *Neoromicia*.

Eptesicus sagittula McKean, et al., 1978. Aust. J. Zool., 26:535.

TYPE LOCALITY: Australia, New South Wales, 13 km N.W. Braidwood.

DISTRIBUTION: SE Australia, including Tasmania and Lord Howe Isl.

COMMENTS: Subgenus *Vespadelus*. Kitchener et al. (1987) used the name *darlingtoni* for this species (see also comments under *pumilus*).

Eptesicus serotinus Schreber, 1774. Die Säugethiere, 1:167.

TYPE LOCALITY: France.

DISTRIBUTION: W Europe through S Asiatic Russia to Himalayas, Thailand and China, north to Korea; Taiwan; S England; N Africa; most islands in Mediterranean; perhaps Subsaharan Africa.

SYNONYMS: *albescens*, *andersoni*, *boscai*, *brachydigitatis*, *horikawai*, *incisivus*, *insularis*, *intermedius*, *isabellinus*, *meridionalis*, *mirza*, *okenii*, *pachyomus*, *pallens*, *pashtonus*, *rufescens*, *shiraziensis*, *sodalis*, *transylvanicus*, *turcomanicus*, *typus*, *wiedii*.

COMMENTS: Subgenus *Eptesicus*. Includes *sodalis*; see Corbet (1978c:57). Includes *horikawai*; see Jones (1975:189). Revised by Gaisler (1970). See comments under *fuscus* and *platyops*.

Eptesicus somalicus (Thomas, 1901). Ann. Mag. Nat. Hist., ser. 7, 8:32.

TYPE LOCALITY: Somalia, Northwest Province, Hargeisa.

DISTRIBUTION: Guinea-Bissau to Somalia, south to Namibia and South Africa; Madagascar.

SYNONYMS: *humbloti*, *ugandae*, *vansoni*, *zuluensis*.

COMMENTS: Subgenus *Neoromicia*. Includes *zuluensis*; see Koopman (1975:404, 405).

Eptesicus tatei Ellerman and Morrison-Scott, 1951. Checklist Palaeartic Indian Mammals, p. 158.

TYPE LOCALITY: India, Darjeeling.

DISTRIBUTION: NE India.

COMMENTS: Subgenus *Eptesicus*.

Eptesicus tenuipinnis (Peters, 1872). Monatsb. K. Preuss. Akad. Wiss. Berlin, 1872:263.

TYPE LOCALITY: "Guinea".

DISTRIBUTION: Senegal to Kenya, south to Angola and Zaire.

SYNONYMS: *ater*, *bicolor*.

COMMENTS: Subgenus *Neoromicia*. *E. bicolor* was tentatively included here by Hayman and Hill (1971:43), but may be an older name for *Pipistrellus anchietai*; see Koopman (1975:404).

Eptesicus vulturinus Thomas, 1914. Ann. Mag. Nat. Hist., ser. 8, 13:440.

TYPE LOCALITY: Australia, Tasmania.

DISTRIBUTION: SE Australia including Tasmania.

SYNONYMS: *pygmaeus*.

COMMENTS: Subgenus *Vespadelus*. Includes *pygmaeus*; see McKean et al. (1978:532).

Euderma H. Allen, 1892. Proc. Acad. Nat. Sci. Philadelphia, 43:467.

TYPE SPECIES: *Histiotus maculatus* J.A. Allen, 1891.

Euderma maculatum (J. A. Allen, 1891). Bull. Am. Mus. Nat. Hist., 3:195.

TYPE LOCALITY: USA, California, Los Angeles Co., Santa Clara Valley, Castac Creek mouth.

DISTRIBUTION: SW Canada and Montana (USA) to Queretaro (Mexico).

COMMENTS: See Watkins (1977, Mammalian Species, 77).

Eudiscopus Conisbee, 1953. Last names proposed genera subgenera Recent Mamm., p. 30.

TYPE SPECIES: *Discopus denticulus* Osgood, 1932.

COMMENTS: *Eudiscopus* is the replacement name for *Discopus* Osgood, 1932, preoccupied by *Discopus* Thompson, 1864 (a beetle).

Eudiscopus denticulus (Osgood, 1932). Field Mus. Nat. Hist. Publ., Zool. Ser., 18:236.

TYPE LOCALITY: Laos, Phong Saly, 4,000 ft. (1,219 m).

DISTRIBUTION: Laos, C Burma.

COMMENTS: See Koopman (1972, Mammalian Species, 19).

Glischropus Dobson, 1875. Proc. Zool. Soc. Lond., 1875:472.

TYPE SPECIES: *Vesperugo tylopus* Dobson, 1875.

Glischropus javanus Chasen, 1939. Treubia, 17:189.

TYPE LOCALITY: Indonesia, Java, West Java, Mt. Pangeango.

DISTRIBUTION: Java.

Glischropus tylopus (Dobson, 1875). Proc. Zool. Soc. Lond., 1875:473.

TYPE LOCALITY: Malaysia, Sabah.

DISTRIBUTION: Burma, Thailand, W Malaysia, Borneo, SW Philippines, Sumatra and N Molucca Isls.

SYNONYMS: *batjanus*.

Hesperoptenus Peters, 1868. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1868:626.

TYPE SPECIES: *Vesperus (Hesperoptenus) doriae* Peters, 1868.

SYNONYMS: *Milithronycteris*.

COMMENTS: Revised by Hill (1976).

Hesperoptenus blanfordi (Dobson, 1877). J. Asiat. Soc. Bengal, 46:312.

TYPE LOCALITY: Burma, Tenasserim.

DISTRIBUTION: Burma, Thailand, Malay Peninsula, Borneo.

COMMENTS: Subgenus *Milithronycteris*.

Hesperoptenus doriae (Peters, 1868). Monatsb. K. Preuss. Akad. Wiss. Berlin, 1868:626.

TYPE LOCALITY: Malaysia, Sarawak.

DISTRIBUTION: Borneo, Malay Peninsula.

COMMENTS: Subgenus *Hesperoptenus*.

Hesperoptenus gaskelli Hill, 1983. Bull. Brit. Mus. (Nat. Hist.) Zool., 45:169.

TYPE LOCALITY: Sulawesi, Central R. Ranu.

DISTRIBUTION: Sulawesi.

COMMENTS: Subgenus *Milithronycteris*.

Hesperoptenus tickelli (Blyth, 1851). J. Asiat. Soc. Bengal, 20:157.

TYPE LOCALITY: India, Bihar, Chaibasa.

DISTRIBUTION: India (including Andaman Isls), Sri Lanka, Nepal, Bhutan, Burma, Thailand, perhaps SW China.

SYNONYMS: *isabellinus*.

COMMENTS: Subgenus *Milithronycteris*.

Hesperoptenus tomesi Thomas, 1905. Ann. Mag. Nat. Hist., ser. 7, 16:575.

TYPE LOCALITY: Malaysia, Malacca.

DISTRIBUTION: Borneo, Malay Peninsula.

COMMENTS: Subgenus *Milithronycteris*.

Histiotus Gervais, 1856. In F. Comte de Castelnau, Exped. Partes Cen. Am. Sud. (Sec. 7), Vol. 1, pt. 2 (Mammifères):77.

TYPE SPECIES: *Plecotus velatus* I. Geoffroy, 1824.

Histiotus alienus Thomas, 1916. Ann. Mag. Nat. Hist., ser. 8, 17:276.

TYPE LOCALITY: Brazil, Santa Catarina, Joinville.

DISTRIBUTION: SE Brazil, Uruguay.

Histiotus macrotus (Poeppig, 1835). Reise Chile Peru Amaz., 1:451.

TYPE LOCALITY: Chile, Bio-Bio, Antuco.

DISTRIBUTION: Chile, NW Argentina, S Bolivia, S Peru.

SYNONYMS: *chilensis*, *laephotis*, *poepigii*.

COMMENTS: Includes *laephotis*; see Cabrera (1958:108).

Histiotus montanus (Philippi and Landbeck, 1861). Arch. Naturgesch., p. 289.

TYPE LOCALITY: Chile, Santiago Cordillera.

DISTRIBUTION: Chile, Argentina, Uruguay, W Bolivia, S Peru, Ecuador, Colombia, Venezuela, perhaps N Peru and S Brazil.

SYNONYMS: *capucinus*, *colombiae*, *inambarus*, *magellanicus*, *segethii*.

Histiotus velatus (I. Geoffroy, 1824) Ann. Sci. Nat. Zool., 3:446.

TYPE LOCALITY: Brazil, Parana, Curitiba.

DISTRIBUTION: E Brazil, Paraguay.

SYNONYMS: *miotis*.

Ia Thomas, 1902. Ann. Mag. Nat. Hist., ser. 7, 10:163.

TYPE SPECIES: *Ia io* Thomas, 1902.

COMMENTS: Considered a subgenus of *Pipistrellus* by Ellerman and Morrison-Scott (1951:162); but see Topal (1970a:344, 345).

Ia io Thomas, 1902. Ann. Mag. Nat. Hist., ser. 7, 10:164.

TYPE LOCALITY: China, Hupeh, Chungyang.

DISTRIBUTION: S China, Laos, Vietnam, Thailand, NE India.

SYNONYMS: *beaulieui*, *longimana* (see Topal, 1970a:342, 343).

Idionycteris Anthony, 1923. Am. Mus. Novit., 54:1.

TYPE SPECIES: *Idionycteris mexicanus* Anthony, 1923 (= *Corynorhinus phyllotis* G. M. Allen, 1916).

COMMENTS: *Idionycteris* is considered a separate genus according to Williams et al. (1970); but see Handley (1959b), who retained it in *Plecotus*.

Idionycteris phyllotis (G. M. Allen, 1916). Bull. Mus. Comp. Zool., 60:352.

TYPE LOCALITY: Mexico, San Luis Potosi.

DISTRIBUTION: Distrito Federal (Mexico) to S Utah and S Nevada (USA).

SYNONYMS: *mexicanus*.

COMMENTS: Formerly included in *Plecotus*; see Williams et al. (1970). See Czaplewski (1983, Mammalian Species, 208).

Laephotis Thomas, 1901. Ann. Mag. Nat. Hist., ser. 7, 7:460.

TYPE SPECIES: *Laephotis wintoni* Thomas, 1901.

COMMENTS: Considered monotypic by Hayman and Hill (1971:49); but see J. E. Hill (1974a), who revised the genus.

Laephotis angolensis Monard, 1935. Arch. Mus. Bocage, 6:45.

TYPE LOCALITY: Angola, Tyihumbwe, 15 km W. Dala.

DISTRIBUTION: Angola, Zaire.

Laephotis botswanae Setzer, 1971. Proc. Biol. Soc. Washington, 84:260, 263.

TYPE LOCALITY: Botswana, 50 mi. (80 km) W and 12 mi. (19 km) S Shakawe.

DISTRIBUTION: Zaire, Zambia, Malawi, Botswana, Zimbabwe, Transvaal (South Africa).

Laephotis namibensis Setzer, 1971. Proc. Biol. Soc. Washington, 84:259.

TYPE LOCALITY: Namibia, Gobabeb, Kuiseb River.

DISTRIBUTION: Namibia.

Laephotis wintoni Thomas, 1901. Ann. Mag. Nat. Hist., ser. 7, 7:460.

TYPE LOCALITY: Kenya, Kitui, 1,150 m.

DISTRIBUTION: Ethiopia, Kenya, SW Cape Province (South Africa).

Lasionycteris Peters, 1866. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1866:8.

TYPE SPECIES: *Vespertilio noctivagans* Le Conte, 1831.

Lasionycteris noctivagans (Le Conte, 1831). In McMurtie, Anim. Kingdom, 1(App.):431.

TYPE LOCALITY: "Eastern United States".

DISTRIBUTION: S Canada, USA (including SE Alaska, and except extreme southern parts), NE Mexico, Bermuda.

COMMENTS: See Kunz (1982, Mammalian Species, 172).

Lasiurus Gray, 1831. Zool. Misc., 1:38.

TYPE SPECIES: *Vespertilio borealis* Müller, 1776.

SYNONYMS: *Dasypterus*; *Nycteris* Borkhausen, 1797 (not Cuvier and Geoffroy, 1795).

COMMENTS: Treated under the name *Nycteris* by Hall (1981:219). In Opinion 111 of the

International Commission on Zoological Nomenclature (1929b), *Lasiurus* was adopted, rather than *Nycteris*. Includes *Dasypterus*; see Hall and Jones (1961). A key to this genus was presented by Shump and Shump (1982a).

Lasiurus borealis (Müller, 1776). Linné's Vollstand. Natursystem, Suppl., p. 20.

TYPE LOCALITY: USA, New York.

DISTRIBUTION: Chile, Argentina, Uruguay and Brazil to C Canada; Jamaica; Cuba;

Hispaniola; Puerto Rico; Bermuda; Bahamas; Trinidad and Tobago; Galapagos (Ecuador).

SYNONYMS: *blossevillii*, *bonariensis*, *brachyotis*, *degelidus*, *enslenii*, *frantzii*, *funebri*, *minor*, *lasiurus*, *monachus*, *novaboracensis*, *ornatus*, *pfeifferi*, *quebecensis*, *rubellus*, *rubra*, *rufus*, *salinae*, *teliotis*, *tesselatus*, *varius*.

COMMENTS: Subgenus *Lasiurus*. Includes *degelidus*, *minor*, *pfeifferi*, *blossevillii*; see Varona (1974:36), but see also Baker et al. (1988a). Includes *brachyotis*; see Niethammer (1964:595). See Shump and Shump (1982a, Mammalian Species, 183). While there is evidence that more than one species is involved in this complex, the true picture is still far from clear. Until it is better resolved, keeping all the named forms together seems preferable to a premature split.

Lasiurus castaneus Handley, 1960. Proc. U.S. Natl. Mus., 112:468.

TYPE LOCALITY: Panama, Darien, Rio Pucro, Tacarcuna Village, 3,200 ft. (975 m).

DISTRIBUTION: Panama, Costa Rica.

COMMENTS: Subgenus *Lasiurus*.

Lasiurus cinereus (Beauvois, 1796). Cat. Raisonne Mus. Peale Philadelphia, p. 18.

TYPE LOCALITY: USA, Pennsylvania, Philadelphia.

DISTRIBUTION: Colombia and Venezuela to C Chile, Uruguay, and C Argentina; Hawaii

(USA); Guatemala and Mexico throughout the USA to S British Columbia, SE Mackenzie, Hudson Bay and S Quebec (Canada); Galapagos; Bermuda; accidental on Cuba, Hispaniola, Iceland, and the Orkney Isls (Scotland).

STATUS: U.S. ESA - Endangered as *L. c. semotus*.

SYNONYMS: *brasiliensis*, *grayi*, *mexicana*, *pallascens*, *pruinus*, *semotus*, *villosissimus*.

COMMENTS: Subgenus *Lasiurus*. Includes *villosissimus*, and *semotus*; see Sanborn and Crespo (1957:12), who revised the species. See Shump and Shump (1982b, Mammalian Species, 185).

Lasiurus ega (Gervais, 1856). In F. Comte de Castelnau, Exped. Partes Cen. Am. Sud.(Sec. 7), Vol. 1, pt. 2(Mammifères):73.

TYPE LOCALITY: Brazil, Amazonas, Ega.

DISTRIBUTION: S California, Arizona and S Texas (USA) to Argentina, Uruguay, and Brazil; Trinidad.

SYNONYMS: *argentinus*, *caudatus*, *fuscatus*, *panamensis*, *punensis*, *xanthinus*.

COMMENTS: Subgenus *Dasypterus*. Includes *xanthinus*, but see Baker et al. (1988a).

Lasiurus egregius (Peters, 1870). Monatsb. K. Preuss. Akad. Wiss. Berlin, 1870:275.

TYPE LOCALITY: Brazil, Santa Catarina.

DISTRIBUTION: Brazil, French Guiana, Panama.

COMMENTS: Subgenus *Lasiurus*.

Lasiurus intermedius H. Allen, 1862. Proc. Acad. Nat. Sci. Philadelphia, 14:246.

TYPE LOCALITY: Mexico, Tamaulipas, Matamoros.

DISTRIBUTION: Honduras to Sinaloa (Mexico) and through Texas to Florida and New Jersey (USA); Cuba.

SYNONYMS: *floridanus*, *insularis*.

COMMENTS: Subgenus *Dasypterus*. Includes *floridanus* and *insularis*; see Hall and Jones (1961:84-87); but see also Silva-Taboada (1976). See Webster et al. (1980, Mammalian Species, 132).

Lasiurus seminolus (Rhoads, 1895). Proc. Acad. Nat. Sci. Philadelphia, 47:32.

TYPE LOCALITY: USA, Florida, Pinellas Co., Tarpon Springs.

DISTRIBUTION: Florida and Texas to Oklahoma and Virginia; Pennsylvania and New York (USA); Bermuda. N Veracruz (Mexico) record unverified.

COMMENTS: Subgenus *Lasiurus*. Probably only a subspecies of *borealis* since the characters do not hold; see Koopman et al. (1957:168); but also see Baker et al. (1988a). See Wilkins (1987a, Mammalian Species, 280).

Mimetillus Thomas, 1904. Abstr. Proc. Zool. Soc. Lond., 1904(10):12.

TYPE SPECIES: *Vesperugo* (*Vesperus*) *moloneyi* Thomas, 1891.

Mimetillus moloneyi (Thomas, 1891). Ann. Mag. Nat. Hist., ser. 6, 7:528.

TYPE LOCALITY: Nigeria, Western Region, Lagos.

DISTRIBUTION: Sierra Leone to Ethiopia, south to Tanzania, Zambia, and Angola; Bioko.

SYNONYMS: *berneri*, *thomasi*.

Myotis Kaup, 1829. Skizz. Entwickel.-Gesch. Nat. Syst. Europ. Thierwelt, 1:106.

TYPE SPECIES: *Vespertilio myotis* Borkhausen, 1797.

SYNONYMS: *Anamygdon*, *Cistugo*, *Leuconoe*, *Pizonyx*, *Selysius*.

COMMENTS: For synonyms see Findley (1972:43), Hayman and Hill (1971:33), and Phillips and Birney (1968:495). Neotropical species revised by LaVal (1973a).

Myotis abei Yoshikura, 1944. Zool. Mag. (Tokyo), 56:6.

TYPE LOCALITY: Russia, Sakhalin, Shirutoru.

DISTRIBUTION: Known only from the type locality.

COMMENTS: Subgenus *Leuconoe*.

Myotis adversus (Horsfield, 1824). Zool. Res. Java, Part 8.

TYPE LOCALITY: Indonesia, Java.

DISTRIBUTION: Taiwan and W Malaysia, south and east to New Guinea, Bismarck Arch., Solomon Isls, Vanuatu (= New Hebrides); N and E coastal Australia; perhaps Tibet (China).

SYNONYMS: *carimatae*, *macropus*, *moluccarum*, *orientis*, *solomonis*, *taiwanensis*.

COMMENTS: Subgenus *Leuconoe*. Includes *taiwanensis*; see Ellerman and Morrison-Scott (1951:149); but see also Findley (1972:43). Includes *carimatae*; see Hill (1983). Includes *Anamygdon solomonis*; see Phillips and Birney (1968:495).

- Myotis aelleni* Baud, 1979. Rev. Suisse Zool., 86:268.
 TYPE LOCALITY: Argentina, Chubut, El Hoyo de Epuyen.
 DISTRIBUTION: SW Argentina.
 COMMENTS: Subgenus *Leuconoe*.
- Myotis albescens* (E. Geoffroy, 1806). Ann. Mus. Hist. Nat. Paris, 8:204.
 TYPE LOCALITY: Paraguay, Paraguari, Yaguaron (of neotype).
 DISTRIBUTION: S Veracruz (Mexico) to Uruguay and N Argentina.
 SYNONYMS: *aenobarbus*, *argentatus*, *arsinoe*, *isidori*, *leucogaster*, *mundus*.
 COMMENTS: Subgenus *Leuconoe*. Includes *argentatus*; see LaVal (1973a:25).
- Myotis altarium* Thomas, 1911. Abstr. Proc. Zool. Soc. Lond., 1911(90):3.
 TYPE LOCALITY: China, Szechwan, Omi San.
 DISTRIBUTION: Szechwan, Kweichow (China), Thailand.
 COMMENTS: Subgenus *Selysius*.
- Myotis annectans* (Dobson, 1871). Proc. Asiat. Soc. Bengal, p. 213.
 TYPE LOCALITY: India, Assam, Naga Hills.
 DISTRIBUTION: NE India to Thailand.
 SYNONYMS: *primula*.
 COMMENTS: Subgenus *Myotis*. Includes *primula*; see Topal (1970b:373-375), who transferred the species from *Pipistrellus*.
- Myotis atacamensis* (Lataste, 1892). Actes Soc. Sci. Chile, 1:80.
 TYPE LOCALITY: Chile, Antofogasta, San Pedro de Atacama.
 DISTRIBUTION: S Peru, N Chile.
 SYNONYMS: *nicholsoni*.
 COMMENTS: Subgenus *Selysius*. Listed as a subspecies of *chiloensis* by Cabrera (1958:99). Includes *nicholsoni*; see LaVal (1973a:18-20).
- Myotis auriculus* Baker and Stains, 1955. Univ. Kansas Publ. Mus. Nat. Hist., 9:83.
 TYPE LOCALITY: Mexico, Tamaulipas, Sierra de Tamaulipas, 10 mi. (16 km) W, 2 mi. (3 km) S Piedra, 1,200 ft. (366 m).
 DISTRIBUTION: Arizona and New Mexico (USA) to Jalisco and Veracruz (Mexico); Guatemala.
 SYNONYMS: *apache*.
 COMMENTS: Subgenus *Myotis*. Listed as a subspecies of *evotis* by Hall and Kelson (1959:169); but also see Genoways and Jones (1969b) and Hall (1981:205). See Warner (1982, Mammalian Species, 191).
- Myotis australis* (Dobson, 1878). Cat. Chiroptera Brit. Mus., p. 317.
 TYPE LOCALITY: Australia, New South Wales.
 DISTRIBUTION: New South Wales, possibly Western Australia (Australia).
 COMMENTS: Subgenus *Selysius*. Poorly known, the type and only certain specimen possibly being incorrectly labelled, or a vagrant individual of *muricola*. See also Aust. Bat Res. News, 9. A specimen from NW Australia may belong in this species (Koopman, 1984c:11-12). Hill (1983) considered *australis* a subspecies of *ater* (here included in *M. muricola*).
- Myotis austroriparius* (Rhoads, 1897). Proc. Acad. Nat. Sci. Philadelphia, 49:227.
 TYPE LOCALITY: USA, Florida, Pinellas Co., Tarpon Springs.
 DISTRIBUTION: SE USA, north to Indiana and North Carolina.
 SYNONYMS: *gatesi*, *mumfordi*.
 COMMENTS: Subgenus *Leuconoe*. Reviewed by LaVal (1970). See Jones and Manning (1989, Mammalian Species, 332).
- Myotis bechsteini* (Kuhl, 1817). Die Deutschen Fledermause. Hanau, p. 14, 30.
 TYPE LOCALITY: Germany, Hessen, Hanau.
 DISTRIBUTION: Europe to Caucasus and Iran; England; S Sweden.
 SYNONYMS: *favonicus*, *ghidinii*.
 COMMENTS: Subgenus *Myotis*.
- Myotis blythii* (Tomes, 1857). Proc. Zool. Soc. Lond., 1857:53.
 TYPE LOCALITY: India, Rajasthan, Nasirabad.

- DISTRIBUTION: Mediterranean zone of Europe and NW Africa; Crimea and Caucasus Mtns, Asia Minor, Israel to Kirgizia, Afghanistan, and Himalayas; NW Altai Mtns; Inner Mongolia and Shensi (China).
 SYNONYMS: *africanus*, *ancilla*, *dobsoni*, *lesviacus*, *omari*, *oxygnathus*, *punicus*, *risorius* (see Corbet, 1978c:30; Strelkov, 1972; Felten et al., 1977; and Bogan et al., 1978).
 COMMENTS: Subgenus *Myotis*.
- Myotis bocagei* (Peters, 1870). J. Sci. Math. Phys. Nat. Lisboa, ser. 1, 3:125.
 TYPE LOCALITY: Angola, Duque de Braganca.
 DISTRIBUTION: Senegal to S Yemen, south to Angola, Zambia, and Transvaal (South Africa).
 SYNONYMS: *cupreolus*, *dogalensis*, *hildegardeae*.
 COMMENTS: Subgenus *Leuconoe*. Includes *dogalensis*; see Corbet (1978c:49).
- Myotis bombinus* Thomas, 1906. Proc. Zool. Soc. Lond., 1905(2):337 [1906].
 TYPE LOCALITY: Japan, Kiushiu, Miyasaki Ken, Tano.
 DISTRIBUTION: Japan, Korea, SE Siberia, NE China.
 SYNONYMS: *amurensis*.
 COMMENTS: Subgenus *Myotis*. Formerly included in *M. nattereri*, but see Horáček and Hanak (1984).
- Myotis brandti* (Eversmann, 1845). Bull. Soc. Nat. Moscow, 18:505.
 TYPE LOCALITY: Russia, Orenburgsk. Obl., S. Ural, Bolshoi-Ik River, Spasskoie. Foothills of the Ural Mountains.
 DISTRIBUTION: Britain to Kazakhstan, E Siberia including Sakhalin Isls, Kamchatka Peninsula and Kurile Isls (Russia), Mongolia south to Spain, Greece, Korea, and Ussuri region (Russia); Japan.
 SYNONYMS: *aureus*, *fujiensis*, *gracilis*, *sibiricus*.
 COMMENTS: Subgenus *Selysius*. Listed as a subspecies of *mystacinus* by Ellerman and Morrison-Scott (1951:139); but also see review by Strelkov and Buntova (1982). Includes *fujiensis* and *gracilis*, but see Yoshiyuki (1989).
- Myotis californicus* (Audubon and Bachman, 1842). J. Acad. Nat. Sci. Philadelphia, ser. 1, 8:285.
 TYPE LOCALITY: USA, California, Monterey.
 DISTRIBUTION: S Alaska Panhandle (USA) to Baja California (Mexico) and Guatemala.
 SYNONYMS: *agilis*, *caurinus*, *exilis*, *mexicanus*, *nitidus*, *oregonensis*, *quercinus*, *stephensi*, *tenuidorsalis*.
 COMMENTS: Subgenus *Selysius*. See Miller and Allen (1928:153) for discussion of the holotype.
- Myotis capaccinii* (Bonaparte, 1837). Fauna Ital., 1, fasc. 20.
 TYPE LOCALITY: Italy, Sicily.
 DISTRIBUTION: Mediterranean zone and islands of Europe and NW Africa; Turkey; Israel; Iraq; Iran; Uzbekistan.
 SYNONYMS: *blasii*, *bureschi*, *dasyopus*, *major*, *megapodius*, *pellucens*.
 COMMENTS: Subgenus *Leuconoe*. See comment under *macroductylus*.
- Myotis chiloensis* (Waterhouse, 1840). Zool. Voy. H.M.S. "Beagle," Mammalia, p. 5.
 TYPE LOCALITY: Chile, Chiloe Isl, Islets on eastern side.
 DISTRIBUTION: C and S Chile.
 SYNONYMS: *arescens*, *gayi*.
 COMMENTS: Subgenus *Leuconoe*. See LaVal (1973a:43, 44) for restriction of the scope of this species.
- Myotis chinensis* (Tomes, 1857). Proc. Zool. Soc. Lond., 1857:52.
 TYPE LOCALITY: "Southern China".
 DISTRIBUTION: Szechwan and Yunnan to Kiangsu (China); Hong Kong; N Thailand.
 SYNONYMS: *luctuosus*.
 COMMENTS: Subgenus *Myotis*. Included in species *myotis* by Ellerman and Morrison-Scott (1951:144); but see Lekagul and McNeely (1977:206).
- Myotis cobanensis* Goodwin, 1955. Am. Mus. Novit., 1744:2.
 TYPE LOCALITY: Guatemala, Alta Verapaz, Coban, 1,305 m.
 DISTRIBUTION: C Guatemala.

COMMENTS: Subgenus *Leuconoe*. Listed as a subspecies of *velifer* by Goodwin (1955:2); but see de la Torre (1958) and Hall (1981:197).

Myotis dasycneme (Boie, 1825). Isis Jena, p. 1200.

TYPE LOCALITY: Denmark, Jutland, Dagbieg (near Wiborg).

DISTRIBUTION: France and Sweden east to Yenisei River (Russia), south to Ukraine and NW Kazakhstan; a single record from Manchuria (China).

SYNONYMS: *limnophilus*, *major*.

COMMENTS: Subgenus *Leuconoe*. Probably includes *surinamensis*; see Carter and Dolan (1978:73).

Myotis daubentoni (Kuhl, 1817). Die Deutschen Fledermause. Hanau, p. 14.

TYPE LOCALITY: Germany, Hessen, Hanau.

DISTRIBUTION: Europe east to Kamtschatka, Vladivostok, Sakhalin and Kurile Isls (Russia); Japan; Korea; Manchuria, E and S China; Britain and Ireland; Scandinavia; Assam (India).

SYNONYMS: *aedilus*, *albus*, *capucinellus*, *lanatus*, *laniger*, *loukashkini*, *minutellus*, *nathalinae*, *petax*, *staufferi*, *ussuriensis*, *volgensis*.

COMMENTS: Subgenus *Leuconoe*. Includes *laniger*; see Ellerman and Morrison-Scott (1951:147). Includes *nathalinae*; see Horáček and Hanak (1984).

Myotis dominicensis Miller, 1902. Proc. Biol. Soc. Washington, 15:243.

TYPE LOCALITY: Dominica (Lesser Antilles).

DISTRIBUTION: N Lesser Antilles.

COMMENTS: Subgenus *Selysius*. Listed as a subspecies of *nigricans* by Hall and Kelson (1959:176), but see LaVal (1973a:16, 17) and Hall (1981:200).

Myotis elegans Hall, 1962. Univ. Kansas Publ. Mus. Nat. Hist., 14:163-164.

TYPE LOCALITY: Mexico, Veracruz, 12.5 mi. (20 km) N Tihuatlan.

DISTRIBUTION: San Luis Potosi (Mexico) to Costa Rica.

COMMENTS: Subgenus *Selysius*.

Myotis emarginatus (E. Geoffroy, 1806). Ann. Mus. Hist. Nat. Paris, 8:198.

TYPE LOCALITY: France, Ardennes, Givet, Charlemont.

DISTRIBUTION: S Europe, north to Netherlands and S Poland, Crimea, Caucasus and Kopet Dag Mtns, east to Uzbekistan and E Iran; Israel; Morocco; Algeria; Tunisia; Lebanon; Afghanistan.

SYNONYMS: *budapestiensis*, *ciliatus*, *desertorum*, *lanaceus*, *neglectus*, *saturatus*, *turcomanicus*.

COMMENTS: Subgenus *Myotis*.

Myotis evotis (H. Allen, 1864). Smithson. Misc. Coll., 7:48.

TYPE LOCALITY: USA, California, Monterey.

DISTRIBUTION: S British Columbia, S Alberta, S Saskatchewan (Canada) to New Mexico (USA) and Baja California (Mexico).

SYNONYMS: *chrysonotus*, *micronyx*, *pacificus*.

COMMENTS: Subgenus *Myotis*. See Genoways and Jones (1969b:1). See Manning and Jones (1989, Mammalian Species, 329).

Myotis findleyi Bogan, 1978. J. Mammal., 59:524.

TYPE LOCALITY: Mexico, Nayarit, Tres Marias Isls, Maria Magdalena Isl.

DISTRIBUTION: Tres Marias Isls (Mexico).

COMMENTS: Subgenus *Selysius*.

Myotis formosus (Hodgson, 1835). J. Asiat. Soc. Bengal, 4:700.

TYPE LOCALITY: Nepal.

DISTRIBUTION: Afghanistan to Kweichow, Kwangsi, Kiangsu and Fukien (China); Taiwan; Korea; Tsushima Isl (Japan); Philippines; Sumatra, Java, Sulawesi, and Bali.

SYNONYMS: *andersoni*, *auratus*, *bartelsi*, *chofukusei*, *flavus*, *hermani*, *pallida*, *rufoniger*, *rufopictus*, *tsuensis*, *watasei*, *weberi* (see Findley, 1972:42).

COMMENTS: Subgenus *Myotis*.

Myotis fortidens Miller and Allen, 1928. Bull. U.S. Natl. Mus., 144:54.

TYPE LOCALITY: Mexico, Tabasco, Teapa.

DISTRIBUTION: Sonora and Veracruz (Mexico) to Guatemala.

SYNONYMS: *sonoriensis*.

COMMENTS: Subgenus *Leuconoe*.

Myotis frater G. M. Allen, 1923. Am. Mus. Novit., 85:6.

TYPE LOCALITY: China, Fukien, Yenping.

DISTRIBUTION: Afghanistan, Uzbekistan and S Siberia to Korea, Heilungkiang (China), SE China, and republics of the SE former USSR; Japan.

SYNONYMS: *bucharensis*, *kaguyae*, *longicaudatus*.

COMMENTS: Subgenus *Selysius*. Includes *longicaudatus*; see Corbet (1978c:49); but also see Wang Sung(1959).

Myotis goudoti (A. Smith, 1834). S. Afr. Quart. J., 2:244.

TYPE LOCALITY: Madagascar.

DISTRIBUTION: Madagascar, Anjouan Isl (Comoro Isls).

SYNONYMS: *anjouanensis*.

COMMENTS: Subgenus *Myotis*.

Myotis grisescens A. H. Howell, 1909. Proc. Biol. Soc. Washington, 22:46.

TYPE LOCALITY: USA, Tennessee, Marion Co., Nickajack Cave, near Shellmound.

DISTRIBUTION: Florida Panhandle to Kentucky, Indiana, Illinois, E Kansas and NE Oklahoma (USA).

STATUS: U.S. ESA - Endangered.

COMMENTS: Subgenus *Leuconoe*.

Myotis hasseltii (Temminck, 1840). Monogr. Mamm., 2:225.

TYPE LOCALITY: Indonesia, Java.

DISTRIBUTION: Burma, Thailand, Cambodia, Vietnam, W Malaysia, Sumatra, Mentawai Isls, Riau Arch., Java, Borneo, Sri Lanka.

SYNONYMS: *abboti*, *continentis*, *macellus* (see Hill, 1983).

COMMENTS: Subgenus *Leuconoe*.

Myotis horsfieldii (Temminck, 1840). Monogr. Mamm., 2:226.

TYPE LOCALITY: Indonesia, Java.

DISTRIBUTION: SE China, Thailand, India (including Andaman Isls), perhaps Sri Lanka, W Malaysi, Java, Bali, and Sulawesi, Borneo, Philippines.

SYNONYMS: *deignani*, *dryas*, *jeannei*, *lepidus*, *peshwa* (see Hill, 1983).

COMMENTS: Subgenus *Leuconoe*.

Myotis hosonoi Imaizumi, 1954. Bull. Natl. Sci. Mus. Tokyo, 1:44.

TYPE LOCALITY: Japan, Honshu, Nagano Pref., Tokiwa-Mura, Koumito.

DISTRIBUTION: Honshu (Japan).

COMMENTS: Subgenus *Selysius*.

Myotis ikonnikovi Ognev, 1912. Ann. Mus. Zool. Acad. Imp. Sci. St. Petersburg, 16:477.

TYPE LOCALITY: Russia, Primorsk. Krai (= Ussuri Region), Dalnerechen Dist., Euseevka.

DISTRIBUTION: Ussuri region and N Korea to Lake Baikal (Russia), the Altai Mtns, and Mongolia, NE China; Sakhalin Isl (Russia) and Hokkaido Isl (Japan).

COMMENTS: Subgenus *Selysius*. Probably a subspecies of *muricola*; see Corbet (1978c:48), who rejected European records.

Myotis insularum (Dobson, 1878). Cat. Chiroptera Brit. Mus., p. 313.

TYPE LOCALITY: Samoa.

DISTRIBUTION: Samoa.

COMMENTS: Subgenus *Selysius*. Poorly known, the type and only specimen possibly being incorrectly labelled; see Koopman (1984c:11).

Myotis keaysi J. A. Allen, 1914. Bull. Am. Mus. Nat. Hist., 33:383.

TYPE LOCALITY: Peru, Puno, Inca Mines.

DISTRIBUTION: Tamaulipas (Mexico) to N Argentina and Venezuela; Trinidad.

SYNONYMS: *pilosotibialis*.

COMMENTS: Subgenus *Selysius*. Revised by LaVal (1973a).

Myotis keenii (Merriam, 1895). Am. Nat., 29:860.

TYPE LOCALITY: Canada, British Columbia, Queen Charlotte Isls, Graham Isl, Massett.

- DISTRIBUTION: Alaska Panhandle to W Washington (USA); Mackenzie to Prince Edward Isl (Canada), south to Arkansas and Florida Panhandle (USA).
 SYNONYMS: *septentrionalis*.
 COMMENTS: Subgenus *Myotis*. Includes *septentrionalis*, possibly a separate species; see Van Zyll de Jong (1979). See Fitch and Shump (1979, Mammalian Species, 121).
- Myotis leibii* (Audubon and Bachman, 1842). J. Acad. Nat. Sci. Philadelphia, ser. 1, 8:284.
 TYPE LOCALITY: USA, Pennsylvania, Erie Co.
 DISTRIBUTION: N Baja California, Michoacan, and Nuevo Leon (Mexico) to S British Columbia (Canada), east to Maine (USA) and S Quebec (Canada).
 SYNONYMS: *ciliolabrum*, *melanorhinus*.
 COMMENTS: Subgenus *Selysius*. Called *subulatus* in Hall (1981:187); but see Glass and Baker (1968:259) who showed that *subulatus* was probably an older name for *yumanensis*. Includes *ciliolabrum*, and *melanorhinus*, but see van Zyll de Jong (1984).
- Myotis lesueuri* Roberts, 1919. Ann. Transvaal Mus., 6:112.
 TYPE LOCALITY: South Africa, Cape Province, Paarl Dist., Lormarins.
 DISTRIBUTION: SW Cape Province (South Africa).
 COMMENTS: Subgenus *Cistugo*.
- Myotis levis* (I. Geoffroy, 1824). Ann. Sci. Nat. Zool., ser. 1, 3:444-445.
 TYPE LOCALITY: "Southern Brazil."
 DISTRIBUTION: Bolivia, Argentina, SE Brazil, Uruguay.
 SYNONYMS: *alter*, *dinelli*, *nubilus*, *polythrix*.
 COMMENTS: Subgenus *Leuconoe*. Included in *ruber* by Cabrera (1958:102), but see LaVal (1973a:36-40).
- Myotis longipes* (Dobson, 1873). Proc. Asiat. Soc. Bengal, p. 110.
 TYPE LOCALITY: India, Kashmir, Bhima Devi Caves, 6,000 ft. (1,829 m).
 DISTRIBUTION: Afghanistan, Kashmir (India).
 SYNONYMS: *megalopus*.
 COMMENTS: Subgenus *Leuconoe*. Included in *capaccinii* by Ellerman and Morrison-Scott (1951:148); but considered a distinct species by Hanak and Gaisler (1969).
- Myotis lucifugus* (Le Conte, 1831). In McMurtie, Animal Kingdom, 1(App.):431.
 TYPE LOCALITY: USA, Georgia, Liberty Co., near Riceboro.
 DISTRIBUTION: Alaska (USA) to Labrador and Newfoundland (Canada), south to Distrito Federal (Mexico).
 SYNONYMS: *affinis*, *alascensis*, *albicinctus*, *altipetens*, *baileyi*, *brevirostris*, *carissima*, *carolii*, *crassus*, *domesticus*, *gryphus*, *lanceolatus*, *occultus*, *pernox*, *relictus*, *salarii*, *virginianus*.
 COMMENTS: Subgenus *Leuconoe*. Includes *occultus*; see Findley and Jones (1967). Hybridizes with *yumanensis* in some areas; see Parkinson (1979), but see Herd and Fenton (1983). See Fenton and Barclay (1980, Mammalian Species, 142).
- Myotis macrodactylus* (Temminck, 1840). Monogr. Mamm., 2:231.
 TYPE LOCALITY: Japan.
 DISTRIBUTION: Japan, Kurile Isls (Russia), S China, republics of the former SE USSR.
 SYNONYMS: *fimbriatus*, *hirsutus*.
 COMMENTS: Subgenus *Leuconoe*. Includes *fimbriatus*, probably conspecific with *capaccinii*, see Wallin (1969:294-296); but see also Corbet (1978c:51).
- Myotis macrotarsus* (Waterhouse, 1845). Proc. Zool. Soc. Lond., 1845:5.
 TYPE LOCALITY: Philippines.
 DISTRIBUTION: Philippines, N Borneo.
 SYNONYMS: *saba*.
 COMMENTS: Subgenus *Leuconoe*.
- Myotis martiniquensis* LaVal, 1973. Bull. Los Angeles Cty. Mus. Nat. Hist. Sci. Soc., 15:35.
 TYPE LOCALITY: Martinique (Lesser Antilles), Tartane, 6 km E La Trinite (France).
 DISTRIBUTION: Martinique, Barbados (Lesser Antilles).
 SYNONYMS: *nyctor*.
 COMMENTS: Subgenus *Selysius*.

- Myotis milleri* Elliot, 1903. Publ. Field Columb. Mus., Zool. Ser., 3:172.
 TYPE LOCALITY: Mexico, Baja California, Sierra San Pedro Martir, La Grulla.
 DISTRIBUTION: N Baja California (Mexico).
 COMMENTS: Subgenus *Myotis*. Revised by Miller and Allen (1928:118).
- Myotis montivagus* (Dobson, 1874). J. Asiat. Soc. Bengal, 43:237.
 TYPE LOCALITY: China, Yunnan, Hotha.
 DISTRIBUTION: Yunnan to Fukien and Chihli (China); India; Burma; W Malaysia; Borneo.
 SYNONYMS: *borneoensis*, *federatus*, *peytoni*.
 COMMENTS: Subgenus *Leuconoe*. Includes *peytoni*; see Hill (1962b:126-130); but see also Findley (1972:43).
- Myotis morrisoni* Hill, 1971. Bull. Brit. Mus. (Nat. Hist.) Zool., 21:43.
 TYPE LOCALITY: Ethiopia, Walaga, Didessa River mouth.
 DISTRIBUTION: Ethiopia, Nigeria.
 COMMENTS: Subgenus *Myotis*.
- Myotis muricola* (Gray, 1846). Cat. Hodgson Coll. Brit. Mus., p. 4.
 TYPE LOCALITY: Nepal.
 DISTRIBUTION: Afghanistan to Taiwan and New Guinea.
 SYNONYMS: *amboiensis*, *ater*, *blanfordi*, *browni*, *caliginosus*, *herrei*, *latirostris*, *lobipes*, *moupinensis*, *niasensis*, *nugax*, *orii*, *patriciae*.
 COMMENTS: Subgenus *Selysius*. Includes *caliginosus*, *moupinensis*, *latirostris*, and *ater*; see Findley (1972:42, 43); but see Hill (1983), who separated *ater* (including *nugax* and *australis*). Includes *browni*, see Hill and Rozendaal (1989), and *herrei* and *patriciae*, see Heaney et al. (1987).
- Myotis myotis* (Borkhausen, 1797). Deutsche Fauna, 1:80.
 TYPE LOCALITY: Germany, Thuringia.
 DISTRIBUTION: C and S Europe, east to Ukraine; S England; most Mediterranean islands; Azores (Portugal); Asia Minor; Lebanon; Israel.
 SYNONYMS: *alpinus*, *latipennis*, *macrocephalicus*, *mysotis*, *submurinus*, *typus*.
 COMMENTS: Subgenus *Myotis*. See Corbet (1978c:50) for content of this species.
- Myotis mystacinus* (Kuhl, 1817). Die Deutschen Fledermause. Hanau, p. 15.
 TYPE LOCALITY: Germany.
 DISTRIBUTION: Ireland and Scandinavia to N China, south to Morocco, Iran, NW Himalayas, and S China.
 SYNONYMS: *aurascens*, *aureus*, *bulgaricus*, *collaris*, *davidi*, *hajastanicus*, *humeralis*, *kukunoriensis*, *lugubris*, *meinertzhageni*, *nigrofuscus*, *nipalensis*, *pamirensis*, *przewalskii*, *rufofuscus*, *schinzii*, *schranksii*, *sogdianus*, *transcaspicus*.
 COMMENTS: Subgenus *Selysius*. Reviewed by Strelkov (1983).
- Myotis nattereri* (Kuhl, 1817). Die Deutschen Fledermause. Hanau, p. 14, 33.
 TYPE LOCALITY: Germany, Hessen, Hanau.
 DISTRIBUTION: Europe (except Scandinavia); NW Africa; Turkey; Israel; Iraq; Crimea and Caucasus to Turkmenistan.
 SYNONYMS: *escalerae*, *spelaeus*, *tschuliensis*, *typus*.
 COMMENTS: Subgenus *Myotis*. Does not include *araxenus* or *bombinus*; see Horáček and Hanak (1984).
- Myotis nesopolus* Miller, 1900. Proc. Biol. Soc. Washington, 13:123.
 TYPE LOCALITY: Curaçao, Willemstad (Netherlands).
 DISTRIBUTION: NE Venezuela; Curaçao and Bonaire (Netherlands Antilles).
 SYNONYMS: *larensis*.
 COMMENTS: Subgenus *Selysius*. Includes *larensis*; see Genoways and Williams (1979).
- Myotis nigricans* (Schinz, 1821). Das Thierreich, 1:179.
 TYPE LOCALITY: Brazil, Espirito Santo, between Itapemirin and Iconha Rivers.
 DISTRIBUTION: Nayarit and Tamaulipas (Mexico) to Peru, N Argentina and S Brazil; Trinidad and Tobago; Grenada (Lesser Antilles).
 SYNONYMS: *bondae*, *carteri*, *caucensis*, *chiriquensis*, *concinus*, *dalquesti*, *esmeraldae*, *exiguus*, *extremus*, *maripensis*, *mundus*, *parvulus*, *punensis*.

COMMENTS: Subgenus *Selysius*. Includes *carteri*; see Corbet and Hill (1980:65), but see Bogan (1978). Neotype designated by LaVal (1973a). See Wilson and LaVal (1974, Mammalian Species, 39).

Myotis oreias (Temminck, 1840). Monogr. Mamm., 2:270.

TYPE LOCALITY: Singapore.

DISTRIBUTION: Known only from the type locality.

COMMENTS: Subgenus *Selysius*. Known only from the holotype.

Myotis oxyotus (Peters, 1867). Monatsb. K. Preuss. Akad. Wiss. Berlin, 1867:19.

TYPE LOCALITY: Ecuador, Mount Chimborazo, between 2,743 and 3,048 m.

DISTRIBUTION: Venezuela to Bolivia; Panama; Costa Rica.

SYNONYMS: *gardneri*, *thomasi*.

COMMENTS: Subgenus *Leuconoe*. Revised by LaVal (1973a).

Myotis ozensis Imaizumi, 1954. Bull. Natl. Sci. Mus. Tokyo, 1:49.

TYPE LOCALITY: Japan, Honshu, Gunma Pref, Ozegahara, 1,400m.

DISTRIBUTION: Honshu (Japan).

COMMENTS: Subgenus *Selysius*.

Myotis peninsularis Miller, 1898. Ann. Mag. Nat. Hist., ser. 7, 2:124.

TYPE LOCALITY: Mexico, Baja California, San Jose del Cabo.

DISTRIBUTION: S Baja California (Mexico).

COMMENTS: Subgenus *Myotis*. Listed as a subspecies of *velifer* by Hall and Kelson (1959:166), but see Hayward (1970:5); and Hall (1981:196).

Myotis pequinius Thomas, 1908. Proc. Zool. Soc. Lond., 1908:637.

TYPE LOCALITY: China, Hopeh, 30 mi. (48 km) W Peking.

DISTRIBUTION: Hopeh, Shantung, Honan and Kiangsu (China).

COMMENTS: Subgenus *Myotis*.

Myotis planiceps Baker, 1955. Proc. Biol. Soc. Washington, 68:165.

TYPE LOCALITY: Mexico, Coahuila, 7 mi. (11 km) S and 4 mi. (6 km) E Bella Union, 7,200 ft. (2,195 M).

DISTRIBUTION: Coahuila, Nuevo Leon, and Zacatecas (Mexico).

COMMENTS: Subgenus *Selysius*. See Matson (1975, Mammalian Species, 60).

Myotis pruinus Yoshiyuki, 1971. Bull. Natl. Sci. Mus. Tokyo, 14:305.

TYPE LOCALITY: Japan, Honshu, Iwate Pref., Waga-Gun, Waga-Machi.

DISTRIBUTION: Honshu and Shikoku (Japan).

COMMENTS: Subgenus *Leuconoe*.

Myotis ricketti (Thomas, 1894). Ann. Mag. Nat. Hist., ser. 6, 14:300.

TYPE LOCALITY: China, Fukien, Foochow.

DISTRIBUTION: Fukien, Anhwei, Kiangsu, Shantung, Yunnan (China); Hong Kong.

COMMENTS: Subgenus *Leuconoe*. *M. pilosus* may be the oldest name for this species; see Ellerman and Morrison-Scott (1951:150).

Myotis ridleyi Thomas, 1898. Ann. Mag. Nat. Hist., ser. 7, 1:361.

TYPE LOCALITY: Malaysia, Selangor.

DISTRIBUTION: W Malaysia, Sumatra, Borneo.

COMMENTS: Subgenus *Selysius*. Transferred from *Pipistrellus*; see Medway (1978:35).

Myotis riparius Handley, 1960. Proc. U.S. Natl. Mus., 112:466-468.

TYPE LOCALITY: Panama, Darien, Rio Puero, Tacarcuna Village.

DISTRIBUTION: Honduras to Uruguay and E Brazil; Trinidad.

COMMENTS: Subgenus *Leuconoe*. Originally described as a subspecies of *simus*. *M. guaycuru* may be the oldest name for this species; see LaVal (1973a:32-35).

Myotis rosseti (Oey, 1951). Beaufortia, 1(8):4.

TYPE LOCALITY: Cambodia.

DISTRIBUTION: Cambodia, Thailand.

COMMENTS: Subgenus *Selysius*. Originally described as a species of *Glischropus*; see Hill and Topal (1973).

- Myotis ruber* (E. Geoffroy, 1806). Ann. Mus. Hist. Nat. Paris, 8:204.
TYPE LOCALITY: Paraguay, Neembucu, Sapucay (neotype locality).
DISTRIBUTION: SE Brazil, Paraguay, NE Argentina.
SYNONYMS: *cinnamomeus*.
COMMENTS: Subgenus *Leuconoe*. Does not include *levis*; revised by LaVal (1973a), who with Miller and Allen (1928:199) discussed the type.
- Myotis schaubi* Kormos, 1934. Foldt Kozl., 64:310.
TYPE LOCALITY: Hungary (Pliocene).
DISTRIBUTION: In the Holocene, only Transcaucasia and W Iran.
SYNONYMS: *araxenus*.
COMMENTS: Subgenus *Myotis*. The living subspecies, *araxenus*, was formerly included in *M. nattereri*; see Horáček and Hanak (1984).
- Myotis scotti* Thomas, 1927. Ann. Mag. Nat. Hist., ser. 9, 19:554.
TYPE LOCALITY: Ethiopia, Shoa, Djem-djem Forest (ca. 40 mi. (64 km) W Addis Ababa), 8,000 ft. (2,438 m).
DISTRIBUTION: Ethiopia.
COMMENTS: Subgenus *Selysius*.
- Myotis seabrai* Thomas, 1912. Ann. Mag. Nat. Hist., ser. 8, 10:205.
TYPE LOCALITY: Angola, Mossamedes.
DISTRIBUTION: NW Cape Prov. (South Africa), Namibia, SW Angola.
COMMENTS: Subgenus *Cistugo*.
- Myotis sicarius* Thomas, 1915. J. Bombay Nat. Hist. Soc., 23:608.
TYPE LOCALITY: India, N Sikkim.
DISTRIBUTION: Sikkim (NE India).
COMMENTS: Subgenus *Myotis*.
- Myotis siligorensis* (Horsfield, 1855). Ann. Mag. Nat. Hist., ser. 2, 16:102.
TYPE LOCALITY: Nepal, Siligori.
DISTRIBUTION: N India to S China and Vietnam, south to W Malaysia; Borneo.
SYNONYMS: *alticraniatus*, *darjilingensis*, *sowerbyi*, *thaianus*.
COMMENTS: Subgenus *Selysius*.
- Myotis simus* Thomas, 1901. Ann. Mag. Nat. Hist., ser. 7, 7:541.
TYPE LOCALITY: Peru, Loreto, Sarayacu (Ucayali River).
DISTRIBUTION: Colombia, Ecuador, Peru, N Brazil, Bolivia, Paraguay, NE Argentina.
COMMENTS: Subgenus *Leuconoe*. Revised by LaVal (1973a).
- Myotis sodalis* Miller and Allen, 1928. Bull. U.S. Natl. Mus., 144:130.
TYPE LOCALITY: USA, Indiana, Crawford Co., Wyandotte Cave.
DISTRIBUTION: New Hampshire to Florida Panhandle, west to Wisconsin and Oklahoma (USA).
STATUS: U.S. ESA - Endangered.
COMMENTS: Subgenus *Selysius*. See Thomson (1982, Mammalian Species, 163).
- Myotis stalkerii* Thomas, 1910. Ann. Mag. Nat. Hist., ser. 8, 5:384.
TYPE LOCALITY: Indonesia, Molucca Isls, Kei Isl, Ara.
DISTRIBUTION: Kei Isls (Molucca Isls).
COMMENTS: Subgenus *Leuconoe*.
- Myotis thysanodes* Miller, 1897. N. Am. Fauna, 13:80.
TYPE LOCALITY: USA, California, Kern Co., Tehachapi Mountains, Old Fort Tejon.
DISTRIBUTION: Chiapas (Mexico) to SW South Dakota (USA) and SC British Columbia (Canada).
SYNONYMS: *aztecus*, *pahasapensis*, *vespertinus*.
COMMENTS: Subgenus *Myotis*. Revised by Miller and Allen (1928:122-129). See O'Farrell and Studier (1980, Mammalian Species, 137).
- Myotis tricolor* (Temminck, 1832). In Smuts, Enumer. Mamm. Capensium, p. 106.
TYPE LOCALITY: South Africa, Cape Province, Capetown.
DISTRIBUTION: Ethiopia and Zaire, south to South Africa.
SYNONYMS: *loveni*.

- COMMENTS: Subgenus *Myotis*. Originally *Eptesicus loveni*, see Schlitter and Aggundey (1986).
- Myotis velifer* (J. A. Allen, 1890). Bull. Am. Mus. Nat. Hist., 3:177.
 TYPE LOCALITY: Mexico, Jalisco, Guadalajara, Santa Cruz del Valle.
 DISTRIBUTION: Honduras to Kansas and SE California (USA).
 SYNONYMS: *brevis*, *grandis*, *incautus*, *jaliscensis*, *magnamolaris*.
 COMMENTS: Subgenus *Leuconoe*. See Hayward (1970:4-5) for scope of this species. See Fitch et al. (1981, Mammalian Species, 149).
- Myotis vivesi* Menegaux, 1901. Bull. Mus. Hist. Nat. Paris, 7:323.
 TYPE LOCALITY: Mexico, Baja California, Partida Isl.
 DISTRIBUTION: Coast of Sonora and Baja California (Mexico), chiefly on small islands.
 COMMENTS: Subgenus *Leuconoe*.
- Myotis volans* (H. Allen, 1866). Proc. Acad. Nat. Sci. Philadelphia, 18:282.
 TYPE LOCALITY: Mexico, Baja California, Cabo San Lucas.
 DISTRIBUTION: Jalisco to Veracruz (Mexico); Alaska Panhandle (USA) to Baja California (Mexico), east to N Nuevo Leon (Mexico), South Dakota (USA), and C Alberta (Canada).
 SYNONYMS: *altifrons*, *amotus*, *capitaneus*, *interior*, *longicrus*, *ruddi*.
 COMMENTS: Subgenus *Leuconoe*. Revised by Miller and Allen (1928:135-147). See Warner and Czaplewski (1984, Mammalian Species, 224).
- Myotis welwitschii* (Gray, 1866). Proc. Zool. Soc. Lond., 1866:211.
 TYPE LOCALITY: NE Angola.
 DISTRIBUTION: South Africa to Ethiopia.
 SYNONYMS: *venustus*.
 COMMENTS: Subgenus *Myotis*.
- Myotis yesoensis* Yoshiyuki, 1984. Bull. Natl. Sci. Mus. Tokyo, ser. A(Zool.), 10:153.
 TYPE LOCALITY: Japan, Hokkaido, Hiddaka, Mt. Petegari.
 DISTRIBUTION: Hokkaido (Japan).
 COMMENTS: Subgenus *Selysius*. Closest to *M. hosonoi*.
- Myotis yumanensis* (H. Allen, 1864). Smithson. Misc. Coll., 7:58.
 TYPE LOCALITY: USA, California, Imperial Co., Old Fort Yuma.
 DISTRIBUTION: Hidalgo, Morelos and Baja California (Mexico) north to British Columbia (Canada), east to Montana and W Texas (USA).
 SYNONYMS: *durangae*, *lambi*, *lutosus*, *obscurus*, *oxalis*, *phasma*, *saturatus*, *sociabilis*.
 COMMENTS: Subgenus *Leuconoe*. See comments under *leibii* and *lucifugus*.
- Nyctalus* Bowdich, 1825. Excursions in Madeira and Porto Santo, p. 36.
 TYPE SPECIES: *Nyctalus verrucosus* Bowdich, 1825 (= *Vespertilio leisleri* Kuhl, 1817).
- Nyctalus aviator* (Thomas, 1911). Ann. Mag. Nat. Hist., ser. 8, 8:380.
 TYPE LOCALITY: Japan, Honshu, Tokyo.
 DISTRIBUTION: Hokkaido, Shikoku, Kyushu, Tsushima, Iki (Japan); Korea; E China.
 COMMENTS: Listed as a subspecies of *lasiopterus* by Ellerman and Morrison-Scott (1951:161); but see Corbet (1978c:56).
- Nyctalus azureum* (Thomas, 1901). Ann. Mag. Nat. Hist., ser. 7, 8:34.
 TYPE LOCALITY: Portugal, Azores, St. Michael.
 DISTRIBUTION: Azores (Portugal).
 COMMENTS: Listed as a subspecies of *N. leisleri* by Corbet (1978c), but see Palmeirim (1991).
- Nyctalus lasiopterus* (Schreber, 1780). In Zimmermann, Geogr. Gesch. Mensch. Vierf. Thiere, 2:412.
 TYPE LOCALITY: Northern Italy (uncertain).
 DISTRIBUTION: W Europe to Urals and Caucasus, Asia Minor, Iran and Ust-Urt Plateau (Kazakhstan); Morocco; Libya.
 SYNONYMS: *ferrugineus*, *maxima*, *sicula*.
 COMMENTS: See Corbet (1978c:55-56) for content of this species.
- Nyctalus leisleri* (Kuhl, 1817). Die Deutschen Fledermause. Hanau, p. 14, 46.
 TYPE LOCALITY: Germany, Hessen, Hanau.

DISTRIBUTION: W Europe to Urals and Caucasus; Britain; Ireland; Madeira Isl (Morocco); Azores (Portugal); W Himalayas; E Afghanistan; NW Africa.

SYNONYMS: *dasykarpos*, *madeirae*, *pachygnathus*, *verrucosus*.

COMMENTS: Includes *verrucosus*, see Corbet (1978c:55), who also included *azoreum*; but see Palmeirim (1991).

Nyctalus montanus (Barrett-Hamilton, 1906). Ann. Mag. Nat. Hist., ser. 7, 17:99.

TYPE LOCALITY: India, Uttar Pradesh, Dehra Dun, Mussooree.

DISTRIBUTION: Afghanistan, Pakistan, N India, Nepal.

COMMENTS: Listed as a subspecies of *leisleri* by Ellerman and Morrison-Scott (1951:159); but see Corbet (1978c:55).

Nyctalus noctula (Schreber, 1774). Die Säugethiere, 1:166.

TYPE LOCALITY: France.

DISTRIBUTION: Europe to Urals and Caucasus; Morocco; Algeria; SE Asia Minor to Israel; Western Turkmenistan to SW Siberia, Himalayas, and China, south to W Malaysia; Taiwan; Honshu (Japan); a dubious record from Mozambique.

SYNONYMS: *altivolans*, *furvus*, *labiatus*, *lardarius*, *lebanoticus*, *macuanus*, *magnus*, *mecklenburzevi*, *minima*, *palustris*, *plancei*, *princeps*, *proterus*, *rufescens*, *sinensis*, *velutinus*.

COMMENTS: Includes *furvus* and *velutinus*; see Corbet (1978c:55); but see also Yoshiyuki (1989).

Nycticeius Rafinesque, 1819. J. Phys. Chim. Hist. Nat. Arts Paris, 88:417.

TYPE SPECIES: *Vespertilio humeralis* Rafinesque, 1818.

SYNONYMS: *Nycticeinops*, *Scoteanax*, *Scotorepens*.

COMMENTS: Formerly included *Scotoecus*; see J. E. Hill (1974b:169-171). For content of this genus; see Koopman (1978a); but see also Kitchener and Caputi (1985), who revised the Australian species. Includes *Nycticeinops*, but see Hill and Harrison (1987).

Nycticeius balstoni (Thomas, 1906). Abstr. Proc. Zool. Soc. Lond., 1906(31):2.

TYPE LOCALITY: Australia, Western Australia, Laverton, North Pool, 503 m.

DISTRIBUTION: Mainland Australia.

SYNONYMS: *influatus*, *orion*.

COMMENTS: Subgenus *Scotorepens*. Includes *orion*, but not *caprenus*; see Koopman (1978a:168, 170, 171); but also see Hall and Richards (1979). Includes *influatus*; see Kitchener and Caputi (1985), who excluded *orion* and *caprenus*.

Nycticeius greyii (Gray, 1842). Zool. Voy. H.M.S. "Erebus" and "Terror," pl. 20.

TYPE LOCALITY: Australia, Northern Territory, Port Essington.

DISTRIBUTION: Western Australia (excluding the south), Northern Territory, South Australia, New South Wales, and Queensland (Australia). Records from Victoria refer to *balstoni*.

SYNONYMS: *aquilo*, *caprenus*.

COMMENTS: Subgenus *Scotorepens*. See Kitchener and Caputi (1985) for content.

Nycticeius humeralis (Rafinesque, 1818). Am. Mon. Mag., 3(6):445.

TYPE LOCALITY: USA, Kentucky.

DISTRIBUTION: N Veracruz (Mexico) to Nebraska, the Great Lakes, and Pennsylvania, south to Florida and the Gulf coast (USA); Cuba.

SYNONYMS: *crepuscularis*, *cubanus*, *mexicanus*, *subtropicalis*.

COMMENTS: Subgenus *Nycticeius*. Includes *cubanus*; see Varona (1974:37); but also see Hall (1981:227). Reviewed by Watkins (1972, Mammalian Species, 23), who did not include *cubanus*.

Nycticeius rueppellii (Peters, 1866). Monatsb. K. Preuss. Akad. Wiss. Berlin, 1866:21.

TYPE LOCALITY: Australia, New South Wales, Sydney.

DISTRIBUTION: E Queensland and E New South Wales (Australia).

COMMENTS: Subgenus *Scoteanax*. Reviewed by Kitchener and Caputi (1985).

Nycticeius sanborni (Troughton, 1937). Aust. Zool., 8:280.

TYPE LOCALITY: New Guinea, Papua, Milne Bay prov., East Cape.

- DISTRIBUTION: SE New Guinea; NE Queensland, Northern Territory, and N Western Australia (Australia).
 COMMENTS: Subgenus *Scotorepens*. Included in *N. balstoni* by Koopman (1978a), but see Kitchener and Caputi (1985).
- Nycticeius schlieffeni* (Peters, 1859). Monatsb. K. Preuss. Akad. Wiss. Berlin, 1859:223.
 TYPE LOCALITY: Egypt, Cairo.
 DISTRIBUTION: SW Arabia; Egypt to Somalia, Mozambique, Botswana, South Africa, and Namibia; Mauritania and Ghana to Sudan and Tanzania.
 SYNONYMS: *adovanus*, *africanus*, *albiventer*, *australis*, *bedouin*, *cinnamomeus*, *fitzsimonsi*, *minimus*.
 COMMENTS: Subgenus *Nycticeinops*. Includes *cinnamomeus*; see Koopman (1975:412-413).
- Nyctophilus* Leach, 1821. Trans. Linn. Soc. London, 13:78.
 TYPE SPECIES: *Nyctophilus geoffroyi* Leach, 1821.
 SYNONYMS: *Lamingtona*.
 COMMENTS: Includes *Lamingtona*, see Hill and Koopman (1981). Australian species reviewed by Hall and Richards (1979).
- Nyctophilus arnhemensis* Johnson, 1959. Proc. Biol. Soc. Washington, 72:184.
 TYPE LOCALITY: Australia, Northern Territory, Cape Arnhem Peninsula, S of Yirkala, Rocky Bay. (12°13'S and 136°47'E).
 DISTRIBUTION: N Australia.
- Nyctophilus geoffroyi* Leach, 1821. Trans. Linn. Soc. London, 13:78.
 TYPE LOCALITY: Australia, Western Australia, King George Sound.
 DISTRIBUTION: Australia (except NE) including Tasmania.
 SYNONYMS: *australis*, *geayi*, *leachii*, *novaehollandiae*, *pacificus*, *pallescens*, *unicolor*.
- Nyctophilus gouldi* Tomes, 1858. Proc. Zool. Soc. Lond., 1858:31.
 TYPE LOCALITY: Australia, Queensland, Moreton Bay.
 DISTRIBUTION: N Northern Territory, N and E Queensland, N and W Western Australia, E New South Wales, and Victoria (Australia); New Guinea; the Tasmanian record appears to be erroneous.
 SYNONYMS: *bifax*, *daedalus*.
 COMMENTS: Includes *bifax*; see Koopman (1984c:25-27); but see also Parnaby (1987).
- Nyctophilus heran* Kitchener, How, and Maharadatunkamsi, 1991. Rec. West. Aust. Mus., 15:100.
 TYPE LOCALITY: Indonesia, Lesser Sundas, Lembata (= Lomblen).
 DISTRIBUTION: Known only from the type locality.
- Nyctophilus microdon* Laurie and Hill, 1954. List of Land Mammals of New Guinea, Celebes, and adjacent Islands, p. 78.
 TYPE LOCALITY: Papua New Guinea, Western Highlands (?) Prov., Welya (W of Hagen Range, 7,000 ft. (2,134 m)).
 DISTRIBUTION: EC New Guinea.
- Nyctophilus microtis* Thomas, 1888. Ann. Mag. Nat. Hist., ser. 6, 2:226.
 TYPE LOCALITY: Papua New Guinea, Central Prov., Astrolabe Range, Sogeri.
 DISTRIBUTION: E New Guinea.
 SYNONYMS: *bicolor*, *lophorhina*.
 COMMENTS: Includes *lophorhina* as a synonym; see Hill and Koopman (1981).
- Nyctophilus timoriensis* E. Geoffroy, 1806. Ann. Mus. Hist. Nat. Paris, 8:200.
 TYPE LOCALITY: Indonesia, Timor (uncertain).
 DISTRIBUTION: All of Australia including Tasmania; E New Guinea; probably Timor (Indonesia).
 SYNONYMS: *major*, *sherrini*.
 COMMENTS: This bat has been confused with the smaller *gouldi* in coastal SE Queensland. See Hall and Richards (1979).
- Nyctophilus walkeri* Thomas, 1892. Ann. Mag. Nat. Hist., ser. 6, 9:405.
 TYPE LOCALITY: Australia, Northern Territory, Adelaide River.

DISTRIBUTION: Northern Territory and N Western Australia (Australia).

Otonycteris Peters, 1859. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1859:223.

TYPE SPECIES: *Otonycteris hemprichii* Peters, 1859.

Otonycteris hemprichi Peters, 1859. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1859:223.

TYPE LOCALITY: Egypt, Nile Valley south of Assuan (Aswan).

DISTRIBUTION: The desert zone from Morocco and Niger through Egypt and Arabia to Tadzhikistan, Afghanistan, and Kashmir.

SYNONYMS: *cinerea*, *jin*, *leucophaeus*, *petersi*, *saharae*.

Pharotis Thomas, 1914. Ann. Mag. Nat. Hist., ser. 8, 14:381.

TYPE SPECIES: *Pharotis imogene* Thomas, 1914.

Pharotis imogene Thomas, 1914. Ann. Mag. Nat. Hist., ser. 8, 14:382.

TYPE LOCALITY: Papua New Guinea, Central Prov., Lower Kemp Welch River, Kamali.

DISTRIBUTION: SE New Guinea.

Philetor Thomas, 1902. Ann. Mag. Nat. Hist., ser. 7, 9:220.

TYPE SPECIES: *Philetor rohui* Thomas, 1902 (= *Vespertilio brachypterus* Temminck, 1840).

Philetor brachypterus (Temminck, 1840). Monogr. Mamm., 2:215.

TYPE LOCALITY: Indonesia, Sumatra, Padang Dist.

DISTRIBUTION: Nepal, W Malaysia, Sumatra, Java, Borneo, Philippines, Sulawesi, New Guinea, New Britain Isl (Bismarck Arch.), perhaps Banka Isl (Indonesia).

SYNONYMS: *rohui*, *veraecundus* (see Hill, 1971d).

Pipistrellus Kaup, 1829. Skizz. Entwickel.-Gesch. Nat. Syst. Europ. Thierwelt, 1:98.

TYPE SPECIES: *Vespertilio pipistrellus* Schreber, 1774.

SYNONYMS: *Arielulus*, *Falsistrellus*, *Hypsugo*, *Perimyotis*, *Scotozous*, *Vansonia*.

COMMENTS: For synonyms see Ellerman and Morrison-Scott (1951:162-163); 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 *Neomicia* and *Vespadelus* to here from *Eptesicus*. Otherwise the subgenera they use are followed here.

Pipistrellus aegyptius (Fischer, 1829). Synopsis Mammalium, p. 105.

TYPE LOCALITY: Egypt, Luxor.

DISTRIBUTION: Egypt, N Sudan, Lybia, Algeria, Burkina Fasso.

SYNONYMS: *deserti*.

COMMENTS: Subgenus *Pipistrellus*. For use of this name in place of *deserti* see Qumsiyeh (1985).

Pipistrellus aero Heller, 1912. Smithson. Misc. Coll., 60(12):3.

TYPE LOCALITY: Kenya, Mathews Range, Mt. Gargues.

DISTRIBUTION: NW Kenya, perhaps Ethiopia.

COMMENTS: Subgenus *Pipistrellus*. The Ethiopian specimens in the British Museum are clearly *P. kuhlii*; see Hayman and Hill (1971:41).

Pipistrellus affinis (Dobson, 1871). Proc. Asiat. Soc. Bengal, p. 213.

TYPE LOCALITY: Burma, Bhamo.

DISTRIBUTION: NE Burma, Yunnan (China), N India.

COMMENTS: Subgenus *Falsistrellus*.

Pipistrellus anchietai (Seabra, 1900). J. Sci. Math. Phys. Nat. Lisboa, ser. 2, 6:26, 120.

TYPE LOCALITY: Angola, Cahata.

DISTRIBUTION: Angola, S Zaire, Zambia.

COMMENTS: Subgenus *Hypsugo*. The oldest name for this species may be *bicolor*; see Koopman (1975:404).

Pipistrellus anthonyi Tate, 1942. Bull. Am. Mus. Nat. Hist., 80:252.

TYPE LOCALITY: Burma, Changyinku, 7,000 ft. (2,134 m).

DISTRIBUTION: Known only from the type locality.

COMMENTS: Subgenus *Hypsugo*. May be referable to *Nyctalus* or even *Philetor*. Known only by the holotype.

Pipistrellus arabicus Harrison, 1979. *Mammalia*, 43:575.

TYPE LOCALITY: Oman, Wadi Sahtan (23°22'N, 57°18'E).

DISTRIBUTION: Oman.

COMMENTS: Subgenus *Hypsugo*.

Pipistrellus ariel Thomas, 1904. *Ann. Mag. Nat. Hist.*, ser. 7, 14:157.

TYPE LOCALITY: Sudan, Kassala Province, Wadi Alagi (22°N, 35°E), 2,000 ft. (610 m).

DISTRIBUTION: Egypt, N Sudan.

COMMENTS: Subgenus *Hypsugo*.

Pipistrellus babu Thomas, 1915. *J. Bombay Nat. Hist. Soc.*, 24:30.

TYPE LOCALITY: Pakistan, Punjab, Rawalpindi, Murree, 8,000 ft. (2,438 m).

DISTRIBUTION: Afghanistan, Pakistan, N India, Nepal, Bhutan, Burma, SW China.

COMMENTS: Subgenus *Pipistrellus*.

Pipistrellus bodenheimeri Harrison, 1960. *Durban Mus. Novit.*, 5:261.

TYPE LOCALITY: Israel, 40 km N Eilat, Wadi Araba, Yotwata.

DISTRIBUTION: Israel, S Yemen, Oman, perhaps Socotra Isl (Yemen).

COMMENTS: Subgenus *Hypsugo*.

Pipistrellus cadornae Thomas, 1916. *J. Bombay Nat. Hist. Soc.*, 24:416.

TYPE LOCALITY: India, Darjeeling, Pashok, 3,500 ft (1,067m).

DISTRIBUTION: NE India, Burma, Thailand.

COMMENTS: Subgenus *Hypsugo*. Listed as a subspecies of *savii* by Ellerman and Morrison-Scott (1951:170), but see Hill (1962b:133).

Pipistrellus ceylonicus (Kelaart, 1852). *Prodr. Faun. Zeylanica*, p. 22.

TYPE LOCALITY: Sri Lanka, Trincomalee.

DISTRIBUTION: Pakistan; India; Sri Lanka; Burma; Kwangsi and Hainan (China); Vietnam; Borneo.

SYNONYMS: *borneanus*, *chrysothrix*, *indicus*, *raptor*, *shanorum*, *subcanus*, *tonfangensis*.

COMMENTS: Subgenus *Pipistrellus*.

Pipistrellus circumdatus (Temminck, 1840). *Monogr. Mamm.*, 2:214.

TYPE LOCALITY: Indonesia, Java, Tapos.

DISTRIBUTION: Java, W Malaysia, Burma, NE India, SW China.

SYNONYMS: *drungicus*.

COMMENTS: Subgenus *Arielulus*.

Pipistrellus coromandra (Gray, 1838). *Mag. Zool. Bot.*, 2:498.

TYPE LOCALITY: India, Coromandel Coast, Pondicherry.

DISTRIBUTION: Afghanistan, Pakistan, India (including Nicobar Isls), Sri Lanka, Nepal, Bhutan, Burma, S China, Thailand, Vietnam.

SYNONYMS: *afghanus*, *blythii*, *coromandelicus*, *micropus*, *parvipes*, *portensis*, *tramatus*.

COMMENTS: Subgenus *Pipistrellus*. Does not include *aladdin*; see Corbet (1978c:53). See comment under *P. pipistrellus*.

Pipistrellus crassulus Thomas, 1904. *Ann. Mag. Nat. Hist.*, ser. 7, 13:206.

TYPE LOCALITY: Cameroon, Efulen.

DISTRIBUTION: Cameroon, Zaire, S Sudan, N Angola.

COMMENTS: Subgenus *Pipistrellus*.

Pipistrellus cuprosus Hill and Francis, 1984. *Bull. Brit. Mus. (Nat. Hist.) Zool.*, 47:312.

TYPE LOCALITY: Borneo, Sabah, Sepilok.

DISTRIBUTION: Borneo.

COMMENTS: Subgenus *Arielulus*.

Pipistrellus dormeri (Dobson, 1875). *Proc. Zool. Soc. Lond.*, 1875:373.

TYPE LOCALITY: India, Mysore, Bellary Hills.

DISTRIBUTION: NW, S and E India, Pakistan, perhaps Taiwan.

SYNONYMS: *caurinus*.

- COMMENTS: Subgenus *Scotozous*. Sometimes placed in a separate genus, *Scotozous*; see Tate (1942a:259) and Corbet and Hill (1980:68); but also see Ellerman and Morrison-Scott (1951:162-163) and Corbet (1978c:51).
- Pipistrellus eisentrauti* Hill, 1968. Bonn. Zool. Beitr., 19:45.
 TYPE LOCALITY: Cameroon, Western Province, Rumpi Highlands, Dikume-Balue.
 DISTRIBUTION: Liberia to Kenya and Somalia.
 SYNONYMS: *bellieri*.
 COMMENTS: Subgenus *Hypsugo*.
- Pipistrellus endoi* Imaizumi, 1959. Bull. Natl. Sci. Mus. Tokyo, 4:363.
 TYPE LOCALITY: Japan, Honshu, Iwate Pref., Ninohe-Gun, Ashiro-cho, Horobe.
 DISTRIBUTION: Honshu (Japan).
 COMMENTS: Subgenus *Pipistrellus*. Very similar to *javanicus*, but see Yoshiyuki (1989).
- Pipistrellus hesperus* (H. Allen, 1864). Smithson. Misc. Coll., 7:43.
 TYPE LOCALITY: USA, California, Imperial Co., Old Fort Yuma.
 DISTRIBUTION: Washington to SW Oklahoma (USA), and Baja California, south to Hidalgo and Guerrero (Mexico).
 SYNONYMS: *apus*, *australis*, *maximus*, *merriami*, *oklahomae*, *potosinus*, *santarosae*.
 COMMENTS: Subgenus *Hypsugo*.
- Pipistrellus imbricatus* (Horsfield, 1824). Zool. Res. Java, Part 8.
 TYPE LOCALITY: Indonesia, Java.
 DISTRIBUTION: Java, Kangean Isl, Bali, and Lesser Sunda Isls; Borneo; records from the Philippines are dubious.
 COMMENTS: Subgenus *Hypsugo*.
- Pipistrellus inexpectatus* Aellen, 1959. Arch. Sci. Phys. Nat. Geneve, 12:226.
 TYPE LOCALITY: Cameroon, Upper Benoue Valley, Ngaouyanga.
 DISTRIBUTION: Benin, Cameroon, Zaire, Uganda, Kenya, perhaps Sudan.
 COMMENTS: Subgenus *Hypsugo*.
- Pipistrellus javanicus* (Gray, 1838). Mag. Zool. Bot., 2:498.
 TYPE LOCALITY: Indonesia, Java.
 DISTRIBUTION: S and C Japan; S Ussuri region (Russia and China); Korea; China, through SE Asia to Lesser Sunda Isls and the Philippines; perhaps Australia.
 SYNONYMS: *abramus*, *akokomuli*, *bancanus*, *camortae*, *irretitus*, *meyeni*, *pumiloides*; "*tralatitius*" Thomas (not Horsfield).
 COMMENTS: Subgenus *Pipistrellus*. Includes *abramus*, "*tralatitius*," and *camortae*; but see Soota and Chaturvedi (1980) and Hill and Harrison (1987). Includes *meyeni* and *irretitus*; see Laurie and Hill (1954:67), Ellerman and Morrison-Scott (1951:165), Hill (1967:7), and Koopman (1973:115). Does not include *paterculus*, see Hill and Harrison (1987).
- Pipistrellus joffrei* (Thomas, 1915). Ann. Mag. Nat. Hist., ser. 8, 15:225.
 TYPE LOCALITY: Burma, Kachin Hills.
 DISTRIBUTION: N Burma.
 COMMENTS: Subgenus *Hypsugo*. Transferred from *Nyctalus*; see Hill (1966:383). Probably best retained in *Nyctalus*, see Koopman (1989a:8).
- Pipistrellus kitcheneri* Thomas, 1916. Ann. Mag. Nat. Hist., ser. 8, 15:229.
 TYPE LOCALITY: Borneo, Kalimantan Tengah, Barito River.
 DISTRIBUTION: Borneo.
 COMMENTS: Subgenus *Hypsugo*. Listed as a subspecies of *imbricatus* by Chasen (1940); but see Tate (1942a:221) and Medway (1977:55).
- Pipistrellus kuhlii* (Kuhl, 1817). Die Deutschen Fledermause, Hanau, p. 14.
 TYPE LOCALITY: Italy, Friuli-Venezia Giulia, Trieste.
 DISTRIBUTION: S Europe through the Caucasus to Kazakhstan and Pakistan; SW Asia; most of Africa; Canary Isls (Spain).
 SYNONYMS: *albicans*, *albolimbatus*, *alcythoe*, *broomi*, *calcarata*, *canus*, *fuscatus*, *ikhwanius*, *lepidus*, *leucotis*, *lobatus*, *marginatus*, *minuta*, *pullatus*, *subtilus*, *ursula*, *vispistrellus*.
 COMMENTS: Subgenus *Pipistrellus*.

- Pipistrellus lophurus* Thomas, 1915. J. Bombay Nat. Hist. Soc., 23:413.
 TYPE LOCALITY: Burma, Tenasserim, Victoria Province, Maliwun.
 DISTRIBUTION: Peninsular Burma.
 COMMENTS: Subgenus *Hypsugo*.
- Pipistrellus macrotis* (Temminck, 1840). Monogr. Mamm., 2:218.
 TYPE LOCALITY: Indonesia, Sumatra, Padang.
 DISTRIBUTION: W Malaysia, Sumatra, Borneo, Bali, adjacent small islands.
 SYNONYMS: *curtatus*, *vordermanni*.
 COMMENTS: Subgenus *Pipistrellus*. Listed as a subspecies of *imbricatus* by Medway (1969:39); but see Tate (1942a:249) and Corbet and Hill (1980:67). Includes *curtatus* and *vordermanni*, but see Hill (1983).
- Pipistrellus maderensis* (Dobson, 1878). Cat. Chiroptera Brit. Mus., p. 231.
 TYPE LOCALITY: Madeira Isls, Madeira Isl (Portugal).
 DISTRIBUTION: Madeira Isl (Portugal); Canary Isls (Spain).
 COMMENTS: Subgenus *Pipistrellus*.
- Pipistrellus mimus* Wroughton, 1899. J. Bombay Nat. Hist. Soc., 12:722.
 TYPE LOCALITY: India, Gujarat, Surat Dist., Dangs, Mheskatri.
 DISTRIBUTION: Afghanistan, Pakistan, Sri Lanka, India (including Sikkim), Nepal, Bhutan, Burma, Vietnam, Thailand.
 SYNONYMS: *glaucillus*, *principulus*.
 COMMENTS: Subgenus *Pipistrellus*.
- Pipistrellus minahassae* (Meyer, 1899). Abh. Zool. Anthrop.-Ethnology. Mus. Dresden, 7(7):14.
 TYPE LOCALITY: Indonesia, Sulawesi, Minahassa, Tomohon.
 DISTRIBUTION: Sulawesi.
 COMMENTS: Subgenus *Pipistrellus*.
- Pipistrellus mordax* (Peters, 1866). Monatsb. K. Preuss. Akad. Wiss. Berlin, 1866:402.
 TYPE LOCALITY: Indonesia, Java.
 DISTRIBUTION: Java; records from India and Sri Lanka are erroneous, based on misidentified *P. affinis*, see Hill and Harrison (1987:248).
 COMMENTS: Subgenus *Falsistrellus*.
- Pipistrellus musciculus* Thomas, 1913. Ann. Mag. Nat. Hist., ser. 8, 11:316.
 TYPE LOCALITY: Cameroon, Ja River, Bitey, 2,000 ft. (610 m).
 DISTRIBUTION: Cameroon, Zaire, Gabon.
 COMMENTS: Subgenus *Hypsugo*.
- Pipistrellus nanulus* Thomas, 1904. Ann. Mag. Nat. Hist., ser. 7, 14:198.
 TYPE LOCALITY: Cameroon, Efulen.
 DISTRIBUTION: Sierra Leone to Kenya; Bioko.
 COMMENTS: Subgenus *Pipistrellus*.
- Pipistrellus nanus* (Peters, 1852). Reise nach Mossambique, Säugethiere, p. 63.
 TYPE LOCALITY: Mozambique, Inhambane.
 DISTRIBUTION: South Africa to Ethiopia, Sudan, Niger, Mali, and Senegal; Madagascar; Pemba and Zanzibar.
 SYNONYMS: *abaensis*, *africanus*, *culex*, *fouriei*, *helios*, *minusculus*, *pagenstecheri*, *pusillulus*, *stampflii*.
 COMMENTS: Subgenus *Pipistrellus*. The oldest name for this species is *africanus*; see Koopman (1975:400).
- Pipistrellus nathusii* (Keyserling and Blasius, 1839). Arch. Naturgesch., 5(1):320.
 TYPE LOCALITY: Germany, Berlin.
 DISTRIBUTION: W Europe to Urals and Caucasus, and W Asia Minor; S England.
 SYNONYMS: *unicolor*.
 COMMENTS: Subgenus *Pipistrellus*.
- Pipistrellus paterculus* Thomas, 1915. J. Bombay Nat. Hist. Soc., 24:32.
 TYPE LOCALITY: Burma, Mt. Popa.
 DISTRIBUTION: N India, Burma, Thailand, SW China.
 SYNONYMS: *yunnanensis*.

- COMMENTS: Subgenus *Pipistrellus*. Included in *abramus* by Ellerman and Morrison-Scott (1951), but see Hill and Harrison (1987).
- Pipistrellus peguensis* Sinha, 1969. Proc. Zool. Soc. Calcutta, 22:83.
TYPE LOCALITY: Burma, Pegu.
DISTRIBUTION: Burma.
COMMENTS: Subgenus *Pipistrellus*.
- Pipistrellus permixtus* Aellen, 1957. Rev. Suisse Zool., 64:200.
TYPE LOCALITY: Tanzania, Dar-es-Salaam.
DISTRIBUTION: Tanzania.
COMMENTS: Subgenus *Pipistrellus*.
- Pipistrellus petersi* (Meyer, 1899). Abh. Zool. Anthrop.-Ethnology. Mus. Dresden, 7(7):13.
TYPE LOCALITY: Indonesia, Sulawesi, North Sulawesi, Minahassa.
DISTRIBUTION: Borneo; Sulawesi; Buru and Amboina (Molucca Isls); Philippines.
COMMENTS: Subgenus *Falsistrellus*.
- Pipistrellus pipistrellus* (Schreber, 1774). Die Säugethiere, 1:167.
TYPE LOCALITY: France.
DISTRIBUTION: British Isles, S Scandinavia, and W Europe to the Volga and Caucasus; Morocco; Asia Minor and Israel to Kashmir, Kazakhstan, and Sinkiang (China). Perhaps Korea, Japan and Taiwan.
SYNONYMS: *aladdin*, *bactrianus*, *brachyotos*, *flavescens*, *genei*, *griseus*, *limbatus*, *macropterus*, *mediterraneus*, *melanopterus*, *minutissimus*, *murinus*, *nigricans*, *pusillus*, *pygmaeus*, *stenotus*, *typus*.
COMMENTS: Subgenus *Pipistrellus*. Includes *aladdin*; see Corbet (1978c:53).
- Pipistrellus pulveratus* (Peters, 1871). In Swinhoe, Proc. Zool. Soc. Lond., 1870:618 [1871].
TYPE LOCALITY: China, Fukien, Amoy.
DISTRIBUTION: Szechwan, Yunnan, Hunan, Kiangsu, Fukien (China), Hong Kong; Thailand.
COMMENTS: Subgenus *Hypsugo*.
- Pipistrellus rueppelli* (Fischer, 1829). Synopsis Mamm., p. 109.
TYPE LOCALITY: Sudan, Northern Province, Dongola.
DISTRIBUTION: Senegal, Algeria, Egypt, and Iraq, south to Botswana and Transvaal (South Africa); Zanzibar.
SYNONYMS: *coxi*, *fuscipes*, *leucomelas*, *pulcher*, *senegalensis*, *vernayi*.
COMMENTS: Subgenus *Pipistrellus*.
- Pipistrellus rusticus* (Tomes, 1861). Proc. Zool. Soc. Lond., 1861:35.
TYPE LOCALITY: Namibia, Damaraland, Olifants Vlei.
DISTRIBUTION: Liberia and Ethiopia, south to South Africa.
SYNONYMS: *marrensis*.
COMMENTS: Subgenus *Pipistrellus*.
- Pipistrellus savii* (Bonaparte, 1837). Fauna Ital., 1, fasc. 20.
TYPE LOCALITY: Italy, Pisa.
DISTRIBUTION: Iberia, Morocco, and the Canary (Spain) and Cape Verde Isls through the Caucasus and Mongolia to Korea, NE China and Japan, southeastward through Iran and Afghanistan to N India and Burma.
SYNONYMS: *agilis*, *aristippe*, *austenianus*, *alaskanicus*, *bonapartei*, *caucasicus*, *coreensis*, *darwini*, *leucippe*, *maurus*, *nigrans*, *ochromixtus*, *pallescens*, *tamerlani*, *tauricus*, *velox*.
COMMENTS: Subgenus *Hypsugo*. Includes *coreensis*, but see Yoshiyuki (1989).
- Pipistrellus societatis* Hill, 1972. Bull. Brit. Mus. (Nat. Hist.) Zool., 23:34.
TYPE LOCALITY: Malaysia, Pahang, Gunong Benom.
DISTRIBUTION: W Malaysia.
COMMENTS: Subgenus *Arielulus*. Synonymized with *P. circumdatus* by Heller and Volleth (1984:66-68), but see Hill and Francis (1984:314-315).
- Pipistrellus stenopterus* (Dobson, 1875). Proc. Zool. Soc. Lond., 1875:470.
TYPE LOCALITY: Malaysia, Sarawak.
DISTRIBUTION: W Malaysia, Sumatra, Riau Arch., N Borneo, Mindanao (Philippines).

- COMMENTS: Subgenus *Hypsugo*. Transferred from *Nyctalus*, see Medway (1977:56); but probably best retained in *Nyctalus*, see Koopman (1989a:8).
- Pipistrellus sturdeeii* Thomas, 1915. Ann. Mag. Nat. Hist., ser. 8, 15:230.
 TYPE LOCALITY: Japan, Bonin Isls, Hillsboro (= Hahajima) Isl.
 DISTRIBUTION: Bonin Isls (Japan).
 COMMENTS: Subgenus *Pipistrellus*.
- Pipistrellus subflavus* (F. Cuvier, 1832). Nouv. Ann. Mus. Hist. Nat. Paris, 1:17.
 TYPE LOCALITY: USA, Georgia.
 DISTRIBUTION: Nova Scotia, S Quebec (Canada), and Minnesota (USA), south to Florida (USA) and Honduras.
 SYNONYMS: *clarus*, *erythrodactylus*, *floridanus*, *monticola*, *obscurus*, *veraecrucis*.
 COMMENTS: Subgenus *Perimyotis*. Transferred by Menu (1984) to a new genus *Perimyotis*, but comparisons are clearly inadequate; see Hill and Harrison (1987). See Fujita and Kunz (1984, Mammalian Species, 228).
- Pipistrellus tasmaniensis* (Gould, 1858). Mamm. Aust., 3, pl. 48.
 TYPE LOCALITY: Australia, Tasmania.
 DISTRIBUTION: Southern Australia except South Australia; Tasmania (Australia).
 SYNONYMS: *krefftii*, *mackenziei*.
 COMMENTS: Subgenus *Falsistrellus*. Includes *mackenziei*, but see Kitchener et al. (1986).
- Pipistrellus tenuis* (Temminck, 1840). Monogr. Mamm., 2:229.
 TYPE LOCALITY: Indonesia, Sumatra.
 DISTRIBUTION: Thailand to New Guinea, Bismarck Arch., Solomon Isls, Vanuatu (= New Hebrides) and N Australia; Cocos Keeling Isl and Christmas Isl (Indian Ocean).
 SYNONYMS: *adamsi*, *angulatus*, *collinus*, *murrayi*, *nitidus*, *orientalis*, *papuanus*, *ponceleti*, *sewelanus*, *subulidens*, *wattsi*, *westralis*.
 COMMENTS: Subgenus *Pipistrellus*. For synonyms see Koopman (1973:115, 1984c). See also McKean and Price (1978:346) and Kitchener et al. (1986).
- Plecotus* E. Geoffroy, 1818. Descrip. de L'Egypte, 2:112.
 TYPE SPECIES: *Vespertilio auritus* Linnaeus, 1758.
 SYNONYMS: *Corynorhinus*.
 COMMENTS: Includes *Corynorhinus*; see Anderson (1972:255). Does not include *Idionycteris phyllotis*; see Williams et al. (1970); but also see Handley (1959b). A key to the genus was published by C. Jones (1977).
- Plecotus auritus* (Linnaeus, 1758). Syst. Nat., 10th ed., 1:32.
 TYPE LOCALITY: Sweden.
 DISTRIBUTION: Norway, Ireland, and Spain to Sakhalin Isl (Russia), Japan, N China and Nepal.
 SYNONYMS: *brevimanus*, *communis*, *cornutus*, *megalotos*, *homochrous*, *montanus*, *ognevi*, *otus*, *peronii*, *puck*, *sacrimontis*, *typus*, *uenoi*, *velatus*, *vulgaris*.
 COMMENTS: Subgenus *Plecotus*.
- Plecotus austriacus* (Fischer, 1829). Synopsis Mamm., p. 117.
 TYPE LOCALITY: Austria, Vienna.
 DISTRIBUTION: England, Spain, and Senegal to Mongolia and W China; Canary (Spain) and Cape Verde Isls.
 SYNONYMS: *ariel*, *brevipes*, *christiei*, *hispanicus*, *kirschbaumii*, *kolombatovici*, *kozlovi*, *macrobullaris*, *meridionalis*, *mordax*, *wardi*.
 COMMENTS: Subgenus *Plecotus*. Included in *auritus* by Ellerman and Morrison-Scott (1951:181); but see Corbet (1978c:61) who included *teneriffae*, but see Ibáñez and Fernández (1985).
- Plecotus mexicanus* (G. M. Allen, 1916). Bull. Mus. Comp. Zool., 60:347.
 TYPE LOCALITY: Mexico, Chihuahua, Pacheco.
 DISTRIBUTION: Sonora and Coahuila to Yucatan (Mexico); Cozumel Isl (Mexico).
 COMMENTS: Subgenus *Corynorhinus*. Listed as a subspecies of *townsendii* by Hall and Kelson (1959:200); but see Handley (1959b) and Hall (1981:233). Formerly in genus

Corynorhinus; see Anderson (1972:255). See Tumlison (1992, Mammalian Species, 401).

Plecotus rafinesquii Lesson, 1827. Manual de Mammalogie, p. 96.

TYPE LOCALITY: USA, Illinois, Wabash Co., Mt. Carmel.

DISTRIBUTION: SE USA from Virginia to Missouri, south to E Texas and Florida.

SYNONYMS: *leconteii*, *macrotis*.

COMMENTS: Subgenus *Corynorhinus*. Formerly in genus *Corynorhinus*; see Anderson (1972:255). See C. Jones (1977, Mammalian Species, 69).

Plecotus taiwanus Yoshiyuki, 1991. Bull. Natl. Sci. Mus. Tokyo, ser. A(Zool.), 17:189.

TYPE LOCALITY: Taiwan, Taichung Hsien, Hoping Hsiang, Mt. Anma Shan, 2250 m.

DISTRIBUTION: Taiwan.

COMMENTS: Most like *homochrous* and *puck*, here included in *P. auritus*.

Plecotus teneriffae Barret-Hamilton, 1907. Ann. Mag. Nat. Hist., ser. 7, 20:520.

TYPE LOCALITY: Spain, Canary Isls, Tenerife Isl.

DISTRIBUTION: Canary Isls (Spain).

COMMENTS: Synonymized with *A. austriacus* by Corbet (1978c), but see Ibáñez and Fernández (1985).

Plecotus townsendii Cooper, 1837. Ann. Lyc. Nat. Hist., 4:73.

TYPE LOCALITY: USA, Washington, Clark Co., Fort Vancouver.

DISTRIBUTION: S British Columbia (Canada) through W USA to Oaxaca (Mexico), east to Virginia.

STATUS: U.S. ESA - Endangered as *P. t. ingens* and *P. t. virginianus*.

SYNONYMS: *australis*, *ingens*, *intermedius*, *pallescens*, *virginianus*.

COMMENTS: Subgenus *Corynorhinus*. Formerly in genus *Corynorhinus*; see Anderson (1972:255). See Kunz and Martin (1982, Mammalian Species, 175).

Rhogeessa H. Allen, 1866. Proc. Acad. Nat. Sci. Philadelphia, 18:285.

TYPE SPECIES: *Rhogeessa tumida* H. Allen, 1866.

SYNONYMS: *Baeodon*.

COMMENTS: Includes *Baeodon*; see Jones et al. (1977:26). Revised by LaVal (1973b).

Rhogeessa alleni Thomas, 1892. Ann. Mag. Nat. Hist., ser. 6, 10:477.

TYPE LOCALITY: Mexico, Jalisco, near Autlan, Santa Rosalia.

DISTRIBUTION: Oaxaca to Zacatecas (Mexico).

COMMENTS: Subgenus *Baeodon*.

Rhogeessa genowaysi Baker, 1984. Syst. Zool., 33:178.

TYPE LOCALITY: Mexico, Chiapas, 23.6 mi. NW Huixtla.

DISTRIBUTION: Pacific lowlands of S Chiapas (Mexico).

COMMENTS: Subgenus *Rhogeessa*. Morphologically inseparable from *tumida*, but with distinctive karyotype, see Baker (1984).

Rhogeessa gracilis Miller, 1897. N. Am. Fauna, 13:126.

TYPE LOCALITY: Mexico, Puebla, Piaxtla, 1,100 m.

DISTRIBUTION: Jalisco and Zacatecas to Oaxaca (Mexico).

COMMENTS: Subgenus *Rhogeessa*. See J. K. Jones, Jr. (1977, Mammalian Species, 76).

Rhogeessa minutilla Miller, 1897. Proc. Biol. Soc. Washington, 11:139.

TYPE LOCALITY: Venezuela, Margarita Isl.

DISTRIBUTION: Colombia, Venezuela (including Margarita Isl).

COMMENTS: Subgenus *Rhogeessa*. Listed as a subspecies of *parvula* by Cabrera (1958:111); but see LaVal (1973b:37-38).

Rhogeessa mira LaVal, 1973. Occas. Pap. Mus. Nat. Hist. Univ. Kansas, 19:26.

TYPE LOCALITY: Mexico, Michoacan, 20 km N El Infernillo.

DISTRIBUTION: S Michoacan (Mexico).

COMMENTS: Subgenus *Rhogeessa*.

Rhogeessa parvula H. Allen, 1866. Proc. Acad. Nat. Sci. Philadelphia, 18:285.

TYPE LOCALITY: Mexico, Nayarit, Tres Marías Isls.

DISTRIBUTION: Oaxaca to Sonora (Mexico); Tres Marías Isls (Mexico).

SYNONYMS: *major*.

COMMENTS: Subgenus *Rhogeessa*. For scope of this species, see LaVal (1973b).

Rhogeessa tumida H. Allen, 1866. Proc. Acad. Nat. Sci. Philadelphia, 18:286.

TYPE LOCALITY: Mexico, Veracruz, Mirador.

DISTRIBUTION: Tamaulipas (Mexico) to Ecuador, Bolivia, and NE Brazil; Trinidad and Tobago.

SYNONYMS: *aeneus*, *bombyx*, *io*, *riparia*, *velilla*.

COMMENTS: Subgenus *Rhogeessa*. Listed as a subspecies of *parvula* by Hall and Kelson (1959:196); but also see LaVal (1973b) and Hall (1981:228), who included *bombyx* and *velilla*.

Scotoecus Thomas, 1901. Ann. Mag. Nat. Hist., ser. 7, 7:263.

TYPE SPECIES: *Scotophilus albofuscus* Thomas, 1890.

COMMENTS: Considered a subgenus of *Nycticeius* by Hayman and Hill (1971:36); but see J. E. Hill (1974b), who revised the genus.

Scotoecus albofuscus Thomas, 1890. Ann. Mus. Civ. Stor. Nat. Genova, 29:84.

TYPE LOCALITY: Gambia, Bathurst.

DISTRIBUTION: Gambia to Kenya and Mozambique.

SYNONYMS: *woodi*.

Scotoecus hirundo de Winton, 1899. Ann. Mag. Nat. Hist., ser. 7, 4:355.

TYPE LOCALITY: Ghana, Gambaga.

DISTRIBUTION: Senegal to Ethiopia, south to Angola, Zambia and Malawi.

SYNONYMS: *albigula*, *artinii*, *falabae*, *hindei*.

COMMENTS: Includes *hindei*; see Hayman and Hill (1971:36) and Robbins (1980:84); but see also J. E. Hill (1974b).

Scotoecus pallidus Dobson, 1876. Monogr. Asiat. Chiroptera, App. D:186.

TYPE LOCALITY: Pakistan, Punjab, Lahore, Mian Mir.

DISTRIBUTION: Pakistan, N India.

COMMENTS: Included in *Nycticeius* by Ellerman and Morrison-Scott (1951:177); but see J. E. Hill (1974b).

Scotomanes Dobson, 1875. Proc. Zool. Soc. Lond., 1875:371.

TYPE SPECIES: *Nycticejus ornatus* Blyth, 1851.

SYNONYMS: *Scoteinus*.

COMMENTS: Includes *Scoteinus*; see Sinha and Chakraborty (1971).

Scotomanes emarginatus (Dobson, 1871). Proc. Asiat. Soc. Bengal, p. 211.

TYPE LOCALITY: "India."

DISTRIBUTION: India.

COMMENTS: Included in *Nycticeius* by Ellerman and Morrison-Scott (1951:177); but see J. E. Hill (1974b). Probably a synonym of *S. ornatus*.

Scotomanes ornatus (Blyth, 1851). J. Asiat. Soc. Bengal, 20:511.

TYPE LOCALITY: India, Assam, Khasi Hills, Cherrapunji.

DISTRIBUTION: NE India (including Sikkim), Burma, S China, Thailand, Vietnam.

SYNONYMS: *imbrensis*, *nivicolus*, *sinensis*.

Scotophilus Leach, 1821. Trans. Linn. Soc. London, 13:69, 71.

TYPE SPECIES: *Scotophilus kuhlii* Leach, 1821.

SYNONYMS: *Pachyotus*.

COMMENTS: Includes *Pachyotus*; see Walker et al. (1975:359). African species revised by Koopman (1984b) and by C. B. Robbins et al. (1985).

Scotophilus borbonicus (E. Geoffroy, 1803). Ann. Mus. Hist. Nat. Paris, 8:201.

TYPE LOCALITY: Reunion Isl (France).

DISTRIBUTION: Madagascar, Reunion Isl (Mascarene Isls). Records from Mauritius (Mascarene Isls) are erroneous, see Cheke and Dahl (1981).

STATUS: May be extinct; see Cheke and Dahl (1981:217).

COMMENTS: 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*. Koopman (1986), included *viridis*, *damarensis*, and *nigritellus* (but not *leucogaster*) in this species.

Scotophilus celebensis Sody, 1928. *Natuurk. Tijdschr. Ned.-Ind.*, 88:90.

TYPE LOCALITY: Indonesia, Sulawesi, Toli Toli.

DISTRIBUTION: Sulawesi.

COMMENTS: Probably a subspecies of *S. heathi*, see Sinha (1980).

Scotophilus dinganii (A. Smith, 1833). *S. Afr. Quart. J.*, 2:59.

TYPE LOCALITY: South Africa, Port Natal (= Durban).

DISTRIBUTION: Senegal and Sierra Leone east to Somalia and S Yemen and south to South Africa and Namibia.

SYNONYMS: *colias*, *herero*, *planirostris*, *pondoensis* (see C. B. Robbins et al., 1985).

COMMENTS: 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).

Scotophilus heathi (Horsfield, 1831). *Proc. Zool. Soc. Lond.*, 1831:113.

TYPE LOCALITY: India, Madras.

DISTRIBUTION: Afghanistan to S China, including Hainan Isl, south to Sri Lanka and Vietnam.

SYNONYMS: *belangeri*, *flaveolus*, *insularis*, *luteus*, *watkinsi*.

Scotophilus kuhlii Leach, 1821. *Trans. Linn. Soc. London*, 13:71.

TYPE LOCALITY: "India".

DISTRIBUTION: Pakistan to Taiwan, south to Sri Lanka and W Malaysia, southeast to Philippines and Aru Isls (Indonesia).

SYNONYMS: *castaneus*, *collinus*, *consobrinus*, *gairdneri*, *panayensis*, *solutatus*, *swinhoei*, *temmincki*, *wroughtoni*.

COMMENTS: Generally called *temmincki*; but see Hill and Thonglongya (1972:191-193).

Scotophilus leucogaster (Cretzschmar, 1826). *In Rüppell, Atlas Reise Nordl. Afr., Zool. Säugeth.*, p. 71.

TYPE LOCALITY: Sudan, Kordofan, Brunnen Nedger (Nedger Well).

DISTRIBUTION: Mauritania and Senegal to N Kenya and Ethiopia.

SYNONYMS: *altilis*, *flavigaster*, *murinoflavus*, *nucella*.

COMMENTS: Does not include *damarensis*, see Koopman (1986); but see C. B. Robbins et al. (1985). Includes *nucella*; but see C. B. 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 C. B. Robbins et al. (1985). See Koopman (1986).

Scotophilus nigrita (Schreber, 1774). *Die Säugethiere*, 1:171.

TYPE LOCALITY: Senegal.

DISTRIBUTION: Senegal to Sudan and Kenya to Mozambique.

SYNONYMS: *alvenslebeni*, *gigas*.

COMMENTS: For a review of this species see Robbins (1978). The identity of this species is clear and *nigrita* is the senior synonym of *gigas*. Specimens previously called *nigrita* should be called *dinganii* (see Robbins, 1978:212-213).

Scotophilus nux Thomas, 1904. *Ann. Mag. Nat. Hist.*, ser. 7, 13:208.

TYPE LOCALITY: Cameroon, Efulen.

DISTRIBUTION: Sierra Leone to Kenya.

COMMENTS: *S. nux* has been most often recognized as a subspecies of *nigrita*, when *nigrita* was used for the species now called *dinganii*; see Allen (1939), Rosevear (1965), and Hayman and Hill (1971:50). Koopman et al. (1978:4-5) listed it as a subspecies of *leucogaster*.

Scotophilus robustus Milne-Edwards, 1881. C. R. Acad. Sci. Paris, 91:1035.

TYPE LOCALITY: Madagascar.

DISTRIBUTION: Madagascar.

COMMENTS: Recognized as a subspecies of *nigrita* (when *nigrita* was used for the species now called *dinganii*) by Hayman and Hill (1971:50). However, C. B. Robbins et al. (1985) considered it specifically distinct from *dinganii* and *borbonicus*.

Scotophilus viridis (Peters, 1852). Reise nach Mossambique, Säugethiere, p. 67.

TYPE LOCALITY: Mozambique, Mozambique Isl, 15°S.

DISTRIBUTION: Senegal to Ethiopia south to Namibia and South Africa.

SYNONYMS: *damarensis*, *nigritellus*.

COMMENTS: Included in *leucogaster* by Hayman and Hill (1971:50), but see Koopman (1975:414-416) and Schlitter et al. (1980). Includes *nigritellus*, see C. B. Robbins et al. (1985). Includes *damarensis*, but see C. B. Robbins et al. (1985).

Tylonycteris Peters, 1872. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1872:703.

TYPE SPECIES: *Vespertilio pachypus* Temminck, 1840.

Tylonycteris pachypus (Temminck, 1840). Monogr. Mamm., 2:217.

TYPE LOCALITY: Indonesia, Java, Bantam.

DISTRIBUTION: India and S China to Philippines and Lesser Sunda Isls; Andaman Isls (India).

SYNONYMS: *aurex*, *bhaktii*, *fulvidus*, *meyeri*.

Tylonycteris robustula Thomas, 1915. Ann. Mag. Nat. Hist., ser. 8, 15:227.

TYPE LOCALITY: Malaysia, Sarawak, Upper Sarawak.

DISTRIBUTION: S China to Philippines, Sulawesi and Lesser Sunda Isls.

SYNONYMS: *malayana*.

COMMENTS: Includes *malayana*; see Medway (1969:37).

Vespertilio Linnaeus, 1758. Syst. Nat., 10th ed., 1:31.

TYPE SPECIES: *Vespertilio murinus* Linnaeus, 1758.

Vespertilio murinus Linnaeus, 1758. Syst. Nat., 10th ed., 1:32.

TYPE LOCALITY: Sweden.

DISTRIBUTION: Norway and Britain to Ussuri region (Russia), China, and Afghanistan.

SYNONYMS: *albugularis*, *discolor*, *krascheninnikovi*, *luteus*, *michnoi*, *siculus*, *ussuriensis*.

Vespertilio superans Thomas, 1899. Proc. Zool. Soc. Lond., 1898:770 [1899].

TYPE LOCALITY: China, Hupeh, Ichang, Sesalin.

DISTRIBUTION: China, Ussuri region (Russia), Korea, Japan, Taiwan.

SYNONYMS: *anderssoni*, *aurijunctus*, *motoyoshii*, *namiyei*, *orientalis* (see Corbet, 1978c:58, and Yoshiyuki, 1989).

Subfamily Murininae Miller, 1907. Bull. U.S. Natl. Mus., 57:229.

Harpiocephalus Gray, 1842. Ann. Mag. Nat. Hist., [ser. 1], 10:259.

TYPE SPECIES: *Harpiocephalus rufus* Gray, 1842 (= *Vespertilio harpia* Temminck, 1840).

Harpiocephalus harpia (Temminck, 1840). Monogr. Mamm., 2:219.

TYPE LOCALITY: Indonesia, Java, Mt. Gede.

DISTRIBUTION: India to Taiwan and Vietnam, south to Molucca Isls, Java, and Lesser Sunda Isls.

SYNONYMS: *lasyurus*, *madrassius*, *mordax*, *pearsonii*, *rufulus*, *rufus*.

COMMENTS: Includes *mordax*, which may be a separate species; see Hill and Francis (1984).

Murina Gray, 1842. Ann. Mag. Nat. Hist., [ser. 1], 10:258.

TYPE SPECIES: *Vespertilio suillus* Temminck, 1840.

SYNONYMS: *Harpiola*.

COMMENTS: Includes *Harpiola*; see Corbet and Hill (1980:75).

Murina aenea Hill, 1964. Fed. Mus. J., Kuala Lumpur, N.S., 8:57.

TYPE LOCALITY: Malaysia, Pahang, Bentong Dist., near Janda Baik, Ulu Chemperoh.

DISTRIBUTION: W Malaysia, Borneo.

COMMENTS: Subgenus *Murina*.

Murina aurata Milne-Edwards, 1872. Rech. Hist. Nat. Mammifères, p. 250.

TYPE LOCALITY: China, Szechwan, Moupin.

DISTRIBUTION: Nepal to SW China and Burma.

SYNONYMS: *fae*.

COMMENTS: Subgenus *Murina*. Formerly included *ussuriensis*; see Maeda (1980:547); see also comments under *silvatica*.

Murina cyclotis Dobson, 1872. Proc. Asiat. Soc. Bengal, p. 210.

TYPE LOCALITY: India, Darjeeling.

DISTRIBUTION: Sri Lanka and India to Kwangtung and Hainan (China); Vietnam, south to W Malaysia; Borneo; Philippines; Lesser Sunda Isls.

SYNONYMS: *eileenae*, *peninsularis*.

COMMENTS: Subgenus *Murina*.

Murina florum Thomas, 1908. Ann. Mag. Nat. Hist., ser. 8, 2:371.

TYPE LOCALITY: Indonesia, Lesser Sunda Isls, Flores.

DISTRIBUTION: Lesser Sunda Isls, Sulawesi, New Guinea, NE Australia.

SYNONYMS: *lanosa*, *toxopei*.

COMMENTS: Subgenus *Murina*.

Murina fusca Sowerby, 1922. J. Mammal., 3:46.

TYPE LOCALITY: China, Manchuria, Kirin, Imienpo area.

DISTRIBUTION: Manchuria (China).

COMMENTS: Subgenus *Murina*. Listed as a subspecies of *leucogaster* by Ellerman and Morrison-Scott (1951:185) and Corbet (1978c:62); but see Wallin (1969:355).

Murina grisea Peters, 1872. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1872:258.

TYPE LOCALITY: India, Uttar Pradesh, Dehra Dun, Mussooree, Jeripanee, 5,500 ft. (1,676 m).

DISTRIBUTION: NW Himalayas.

COMMENTS: Subgenus *Harpiola*.

Murina huttoni (Peters, 1872). Monatsb. K. Preuss. Akad. Wiss. Berlin, 1872:257.

TYPE LOCALITY: India, Uttar Pradesh, Dehra Dun.

DISTRIBUTION: Tibet, China (record may be doubtful); NW India to Vietnam; Fukien (China); Thailand; W Malaysia.

SYNONYMS: *rubella*.

COMMENTS: Subgenus *Murina*.

Murina leucogaster Milne-Edwards, 1872. Rech. Hist. Nat. Mammifères, p. 252.

TYPE LOCALITY: China, Szechwan, Moupin.

DISTRIBUTION: E Himalayas; Shensi, Szechwan, Fukien, and Inner Mongolia (China); Upper Yenisei River (Russia); Altai Mtns (Russia, Kazakhstan and Mongolia); Korea; Ussuri region (Russia); Sakhalin Isl (Russia); Honshu, Kyushu, and Shikiku (Japan).

SYNONYMS: *hilgendorfi*, *intermedia*, *ognevi*, *rubex*, *sibirica*.

COMMENTS: Subgenus *Murina*. Includes *hilgendorfi*, but see Yoshiyuki (1989).

Murina puta Kishida, 1924. Zool. Mag. (Tokyo), 36:130-133.

TYPE LOCALITY: Taiwan, Chang Hua, Erh-Shui.

DISTRIBUTION: Taiwan.

COMMENTS: Subgenus *Murina*. Closely related to and possibly conspecific with *M. huttoni*, see Yoshiyuki (1989:215).

Murina rozendaali Hill and Francis, 1984. Bull. Brit. Mus. Nat. Hist. (Zool.), 47:319.

TYPE LOCALITY: Borneo, Sabah, Gomantong.

DISTRIBUTION: Borneo.

COMMENTS: Subgenus *Murina*.

Murina silvatica Yoshiyuki, 1983. Bull. Natl. Sci. Mus. (Tokyo), ser. A (Zool.), 9:141.

TYPE LOCALITY: Japan, Honshu, Fukushima, Minamiaiu-Gug, Hinoemata-Mura, Ozenuma Lake.

DISTRIBUTION: Japan, including Tsushima Isls.

COMMENTS: Subgenus *Murina*. Includes specimens formerly included in *M. aurata* or *M. ussuriensis*.

- Murina suilla* (Temminck, 1840). Monogr. Mamm., 2:224.
 TYPE LOCALITY: Indonesia, Java.
 DISTRIBUTION: Java, Sumatra, Borneo, W Malaysia, nearby small islands.
 SYNONYMS: *balstoni*, *canescens*.
 COMMENTS: Subgenus *Murina*. Includes *balstoni* and *canescens*, see Koopman (1989a).
- Murina tenebrosa* Yoshiyuki, 1970. Bull. Natl. Sci. Mus. Tokyo, 13:195.
 TYPE LOCALITY: Japan, Tsushima Isls, Kamishima Isl, Sago.
 DISTRIBUTION: Tsushima Isls (Japan), perhaps Yakushima (Ryukyu Isls, Japan).
 COMMENTS: Subgenus *Murina*.
- Murina tubinaris* (Scully, 1881). Proc. Zool. Soc. Lond., 1881:200.
 TYPE LOCALITY: Pakistan, Gilgit.
 DISTRIBUTION: Pakistan, N India, Burma, Thailand, Laos, Vietnam.
 COMMENTS: Subgenus *Murina*. Listed as a subspecies of *huttoni* by Ellerman and Morrison-Scott (1951:186); but see Hill (1963a:49, 50).
- Murina ussuriensis* Ognev, 1913. Ann. Mus. Zool. Acad. Imp. Sci. St. Petersburg, 18:402.
 TYPE LOCALITY: Russia, Primorsky Krai, Kreis Imansky.
 DISTRIBUTION: Ussuri region, Kurile Isls, and Sakhalin (Russia); Korea.
 COMMENTS: Subgenus *Murina*. Formerly included in *aurata* see Maeda (1980:547) and Corbet (1978c). Japanese populations have been separated as *M. silvatica*.
- Subfamily Miniopertinae** Dobson, 1875. Ann. Mag. Nat. Hist., ser. 4, 16:349.
- Miniopterus* Bonaparte, 1837. Fauna Ital., 1, fasc. 20.
 TYPE SPECIES: *Vespertilio schreibersii* Kuhl, 1817.
 COMMENTS: Reviewed by (in part) Peterson (1981). See Goodwin (1979:119), Maeda (1982), and Hill (1983). All have come to very different conclusions.
- Miniopterus australis* Tomes, 1858. Proc. Zool. Soc. Lond., 1858:125.
 TYPE LOCALITY: New Caledonia, Loyalty Isls, Lifu (21°S, 167.3°E) (France).
 DISTRIBUTION: Philippines, Borneo, and Java, southeast to Vanuatu (= New Hebrides) and E Australia.
 SYNONYMS: *paululus*, *shortridgei*, *solomonensis*, *tibialis*, *witkampii* (These come from a variety of sources, some of which are probably erroneous).
 COMMENTS: Two species may be included in this complex; see Koopman (1989a:9).
- Miniopterus fraterculus* Thomas and Schwann, 1906. Proc. Zool. Soc. Lond., 1906:162.
 TYPE LOCALITY: South Africa, Cape Province, Knysna.
 DISTRIBUTION: Cape Province, Natal, and Transvaal (South Africa), Malawi, Zambia, Angola, Mozambique.
- Miniopterus fuscus* Bonhote, 1902. Novit. Zool., 9:626.
 TYPE LOCALITY: Ryukyu Isls, Okinawa.
 DISTRIBUTION: Ryukyu Isls (Japan), SE China, Thailand, W Malaysia, Borneo, Java, Sulawesi, Philippines, New Guinea.
 SYNONYMS: *medius*, *yayeyamae*.
 COMMENTS: Called *medius* by Hill (1983), but *fuscus* is the older name.
- Miniopterus inflatus* Thomas, 1903. Ann. Mag. Nat. Hist., ser. 7, 12:634.
 TYPE LOCALITY: Cameroon, Efulen.
 DISTRIBUTION: Ethiopia, Somalia, Kenya, Uganda, E and S Zaire, Cameroon, Gabon, Mozambique, Burundi, Liberia, perhaps Nigeria. W African distribution uncertain because of confusion with *schreibersii*.
 SYNONYMS: *africanus*, *rufus*.
- Miniopterus magnater* Sanborn, 1931. Field Mus. Nat. Hist. Publ., Zool. Ser., 18:26.
 TYPE LOCALITY: Papua New Guinea, E Sepik, Marienberg.
 DISTRIBUTION: NE India and SE China to Timor (Indonesia) and New Guinea.
 SYNONYMS: *macrodens*.
- Miniopterus minor* Peters, 1866. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1866:885.
 TYPE LOCALITY: Tanzania, coast opposite Zanzibar Isl.

DISTRIBUTION: Kenya, Tanzania, Zaire, Congo Republic, Madagascar, São Tomé Isl, Comoro Isls.

SYNONYMS: *grivaudi*, *manavi*, *newtoni*.

Miniopterus pusillus Dobson, 1876. Monogr. Asiatic Chiroptera, p. 162.

TYPE LOCALITY: India, Nicobar Islands (NW of Sumatra).

DISTRIBUTION: India to the Philippines and Moluccas; Solomons to New Caledonia; perhaps New Guinea.

SYNONYMS: *macrocneme*.

COMMENTS: See Hill (1983) for content.

Miniopterus robustior Revilliod, 1914. In Sarasin and Roux, Nova Caledonia, A. Zool., 1:359.

TYPE LOCALITY: New Caledonia, Loyalty Isls, Lifu Isl, Quepenée (France).

DISTRIBUTION: Loyalty Isls (E of New Caledonia).

COMMENTS: See Hill (1971a:579) for the status of this species.

Miniopterus schreibersi (Kuhl, 1817). Die Deutschen Fledermause, Hanau, p. 14.

TYPE LOCALITY: Rumania, Banat, near Coronini, Kolumbacs Cave.

DISTRIBUTION: S Europe and Morocco through the Caucasus and Iran to most of China and Japan; most of Indo-Malayan region; New Guinea; Solomon Isls (including Bougainville Isl); Australia; subsaharan Africa; Madagascar; Bismarck Arch.

SYNONYMS: *arenarius*, *baussencis*, *blepotis*, *breyeri*, *chinensis*, *dasythrix*, *eschscholtzii*, *fuliginosus*, *harardai*, *inexpectatus*, *italicus*, *japoniae*, *majori*, *natalensis*, *oceanensis*, *oriana*, *orsinii*, *pallidus*, *parvipes*, *pulcher*, *ravus*, *scotinus*, *smitianus*, *ursinii*, *vicinior*, *villiersi*.

COMMENTS: Formerly included *magnater*. Reviewed by Crucitti (1976).

Miniopterus tristis (Waterhouse, 1845). Proc. Zool. Soc. Lond., 1845:3.

TYPE LOCALITY: Philippine Isls.

DISTRIBUTION: Philippines, Sulawesi, New Guinea; Bismarck Arch., Solomon Isls, Vanuatu (= New Hebrides).

SYNONYMS: *bismarckensis*, *celebensis*, *grandis*, *insularis*, *melanesiensis*, *propritrlistis*.

COMMENTS: Includes *propritrlistis*; see Koopman (1984c).

Subfamily Tomopeatinae Miller, 1907. Bull. U.S. Natl. Mus., 57:237.

Tomopeas Miller, 1900. Ann. Mag. Nat. Hist., ser. 7, 6:570.

TYPE SPECIES: *Tomopeas ravus* Miller, 1900.

Tomopeas ravus Miller, 1900. Ann. Mag. Nat. Hist., ser. 7, 6:571.

TYPE LOCALITY: Peru, Cajamarca, Yayan, 1,000 m.

DISTRIBUTION: W Peru.

Family Mystacinidae Dobson, 1875. Ann. Mag. Nat. Hist., ser. 4, 16:349.

Mystacina Gray, 1843. In Dieffenbach, Travels in New Zealand, p. 296.

TYPE SPECIES: *Mystacina tuberculata* Gray, 1843.

COMMENTS: Revised by Hill and Daniel (1985).

Mystacina robusta Dwyer, 1962 Zool. Publ. Victoria Univ., Wellington, 28:3.

TYPE LOCALITY: New Zealand, Big South Cape Isl.

DISTRIBUTION: Vicinity of type locality only, though originally widely distributed in New Zealand.

STATUS: Probably extinct.

Mystacina tuberculata Gray, 1843. Mammalia, in Voy. "Sulphur," Zool., p. 23.

TYPE LOCALITY: New Zealand.

DISTRIBUTION: New Zealand.

SYNONYMS: *aupourica*, *rhyacobia*, *velutina*.

Family Molossidae Gervais, 1856. *In* Comte de Castelnau, Exped. Partes Cen. Am. Sud., Zool.(Sec. 7), Vol. 1, pt. 2(Mammifères):53 footnote.

COMMENTS: Revised by Freeman (1981). For a very different arrangement see Legendre (1984).

Chaerephon Dobson, 1874. *J. Asiat. Soc. Bengal*, 43:144.

TYPE SPECIES: *Molossus (Nyctinomus) johorensis* Dobson, 1873.

COMMENTS: Formerly included in *Tadarida*; see Freeman (1981:60, 133, 150); see also Legendre (1984).

Chaerephon aloysiisabaudiae (Festa, 1907). *Bol. Mus. Zool. Anat. Comp. Univ. Torino*, 22(546):1.

TYPE LOCALITY: Uganda, Toro.

DISTRIBUTION: Ghana, Gabon, Zaire, Uganda, perhaps Ethiopia.

SYNONYMS: *cyclotis*.

Chaerephon ansorgei (Thomas, 1913). *Ann. Mag. Nat. Hist.*, ser. 8, 11:318.

TYPE LOCALITY: Angola, Malange.

DISTRIBUTION: Cameroon to Ethiopia, south to Angola and Natal (South Africa).

SYNONYMS: *rhodesiae*.

COMMENTS: Distinct from *bivittata*; see Eger and Peterson (1979:1889), who revised it.

Chaerephon bemmeleni (Jentink, 1879). *Notes Leyden Mus.*, 1:125.

TYPE LOCALITY: "Liberia", but see Kuhn (1965).

DISTRIBUTION: Liberia, Cameroon, Sudan, Zaire, Uganda, Kenya, Tanzania.

SYNONYMS: *cistura*.

COMMENTS: Includes *cistura*; see Koopman (1975:425).

Chaerephon bivittata (Heuglin, 1861). *Nova Acta Acad. Caes. Leop.-Carol.*, Halle, 29(8):413.

TYPE LOCALITY: Ethiopia, Eritrea, Keren.

DISTRIBUTION: Sudan, Ethiopia, Uganda, Kenya, Tanzania, Zambia, Zimbabwe, Mozambique.

COMMENTS: Revised by Eger and Peterson (1979).

Chaerephon chapini J. A. Allen, 1917. *Bull. Am. Mus. Nat. Hist.*, 37:461.

TYPE LOCALITY: Zaire, Oriental, Faradje.

DISTRIBUTION: Ethiopia, Zaire, Uganda, Angola, Namibia, Botswana, Zimbabwe, Zambia.

SYNONYMS: *lancasteri*, *shortridgei*.

Chaerephon gallagheri (Harrison, 1975). *Mammalia*, 39:313.

TYPE LOCALITY: Zaire, Kivu, 30 km SW Kindu, Scierie Forest (3°10'S and 25°49'<>E).

DISTRIBUTION: Zaire.

Chaerephon jobensis (Miller, 1902). *Proc. Biol. Soc. Washington*, 15:246.

TYPE LOCALITY: Indonesia, Irian Jaya, Tjenderawasih Div., Japen Isl, Ansum.

DISTRIBUTION: New Guinea, N and C Australia, Solomon Isls, Vanuatu (= New Hebrides), Fiji, perhaps Bismarck Arch.

SYNONYMS: *bregullae*, *colonicus*, *solomonis*.

COMMENTS: Listed as a subspecies of *plicata* by Laurie and Hill (1954:63); but see Hill (1961b:54-55), who included *solomonis* in this species. Revised by Felten (1964a).

Chaerephon johorensis (Dobson, 1873). *Proc. Asiat. Soc. Bengal*, p. 22.

TYPE LOCALITY: Malaysia, Johore.

DISTRIBUTION: W Malaysia, Sumatra.

Chaerephon major (Trouessart, 1897). *Cat. Mamm. Viv. Foss.*, 1:146.

TYPE LOCALITY: N Sudan, 5th Cataract of the Nile.

DISTRIBUTION: Liberia, Mali, Burkina Faso, Ghana, Togo, Nigeria, Niger, Sudan, NE Zaire, Uganda, Tanzania.

SYNONYMS: *abae*, *emini*.

Chaerephon nigeriae Thomas, 1913. *Ann. Mag. Nat. Hist.*, ser. 8, 11:319.

TYPE LOCALITY: Nigeria, Northern Region, Zaria Province.

DISTRIBUTION: Ghana and Niger to Saudi Arabia (record by Nader and Kock, 1979) and Ethiopia, south to Namibia, Botswana and Zimbabwe.

SYNONYMS: *spillmani*.

Chaerephon plicata (Buchanan, 1800). Trans. Linn. Soc. London, 5:261.

TYPE LOCALITY: India, Bengal.

DISTRIBUTION: India and Sri Lanka to S China and Vietnam, southeast to Philippines, Borneo and Lesser Sunda Isls; Hainan (China); Cocos Keeling Isl (Indian Ocean).

SYNONYMS: *adustus*, *bengalensis*, *dilatatus*, *insularis*, *luzonus*, *murinus*, *tenuis*.

COMMENTS: Includes *luzonus*; see Hill (1961b:52).

Chaerephon pumila (Cretzschmar, 1826). In Rüppell, Atlas Reise Nordl. Afr., Zool. Säugeth., 1:69.

TYPE LOCALITY: Ethiopia, Eritrea, Massawa.

DISTRIBUTION: Senegal to Yemen, south to South Africa; Bioko; Pemba and Zanzibar; Comoro Isls; Aldabra and Amirante Isls (Seychelles); Madagascar.

SYNONYMS: *cristatus*, *elphicki*, *faini*, *frater*, *gambianus*, *hindei*, *langi*, *leucogaster*, *limbata*, *naivashae*, *nigri*, *pusillus*, *websteri*.

COMMENTS: Includes *pusillus*; see Hayman and Hill (1971:64).

Chaerephon russata J. A. Allen, 1917. Bull. Am. Mus. Nat. Hist., 37:458.

TYPE LOCALITY: Zaire, Oriental, Medje.

DISTRIBUTION: Ghana, Cameroon, Zaire, Kenya.

Cheiromeles Horsfield, 1824. Zool. Res. Java, Part 8.

TYPE SPECIES: *Cheiromeles torquata* Horsfield, 1824.

Cheiromeles torquatus Horsfield, 1824. Zool. Res. Java, Part 8.

TYPE LOCALITY: Malaysia, Penang.

DISTRIBUTION: W Malaysia, Sumatra and Java, Borneo, SW Philippines, Sulawesi and nearby small islands.

SYNONYMS: *caudatus*, *cheiropus*, *jacobsoni*, *parvidens*.

COMMENTS: Includes *parvidens*; see Koopman (1989a).

Eumops Miller, 1906. Proc. Biol. Soc. Washington, 19:85.

TYPE SPECIES: *Molossus californicus* Merriam, 1890 (= *Molossus perotis* Schinz, 1821).

COMMENTS: Revised by Eger (1977).

Eumops auripendulus (Shaw, 1800). Gen. Zool. Syst. Nat. Hist., 1(1):137.

TYPE LOCALITY: French Guiana.

DISTRIBUTION: Oaxaca and Yucatan (Mexico) to Peru, N Argentina, E Brazil, and Trinidad.

SYNONYMS: *abrasus* Allen (not Temminck), *amplexicaudatus*, *barbatus*, *leucopleura*, *longimanus*, *major*, *milleri*, *oaxacensis*.

COMMENTS: Called *abrasus* in Hall and Kelson (1959:211); but see Husson (1962:243-246) and Hall (1981:248).

Eumops bonariensis (Peters, 1874). Monatsb. K. Preuss. Akad. Wiss. Berlin, 1874:232.

TYPE LOCALITY: Argentina, Buenos Aires.

DISTRIBUTION: Veracruz (Mexico) to NW Peru, N Argentina, Uruguay, and Brazil. The Patagonian record is probably accidental or erroneous, see Cabrera (1958:125).

SYNONYMS: *beckeri*, *delticus*, *nanus*, *patagonicus*.

Eumops dabbenei Thomas, 1914. Ann. Mag. Nat. Hist., ser. 8, 13:481.

TYPE LOCALITY: Argentina, Chaco.

DISTRIBUTION: Colombia, Venezuela, Paraguay, N Argentina.

SYNONYMS: *mederai*.

Eumops glaucinus (Wagner, 1843). Arch. Naturgesch., 9(1):368.

TYPE LOCALITY: Brazil, Mato Grosso, Cuiaba.

DISTRIBUTION: Jalisco (Mexico) to Peru, N Argentina and Brazil; Jamaica; Cuba; Florida (USA).

SYNONYMS: *ferox*, *floridanus*, *orthotis*.

COMMENTS: Includes *floridanus*; see Eger (1977:43).

- Eumops hansae* Sanborn, 1932. J. Mammal., 13:356.
 TYPE LOCALITY: Brazil, Santa Catarina, Joinville, Colonia Hansa.
 DISTRIBUTION: Costa Rica, Panama, Venezuela, Guyana, French Guiana, Peru, Bolivia, Brazil.
 SYNONYMS: *amazonicus*.
 COMMENTS: Includes *amazonicus*; see Gardner et al. (1970:727) and Eger (1977:44).
- Eumops maurus* (Thomas, 1901). Ann. Mag. Nat. Hist., ser. 7, 7:141.
 TYPE LOCALITY: Guyana, Kanuku Mtns.
 DISTRIBUTION: Guyana, Surinam.
 SYNONYMS: *geijskesi*.
 COMMENTS: Includes *geijskesi*; see Eger (1977:46-48).
- Eumops perotis* (Schinz, 1821). In Cuvier, Das Thierreich, 1:870.
 TYPE LOCALITY: Brazil, Rio de Janeiro, Campos do Goita Cazes, Villa São Salvador.
 DISTRIBUTION: California and Texas (USA) to Zacatecas and Hidalgo (Mexico); Colombia to N Argentina and E Brazil; Cuba.
 SYNONYMS: *californicus*, *gigas*, *renataes*, *trumbulli*.
 COMMENTS: Includes *trumbulli*; see Koopman (1978b:22); but also see Eger (1977:53).
- Eumops underwoodi* Goodwin, 1940. Am. Mus. Novit., 1075:2.
 TYPE LOCALITY: Honduras, La Paz, 6 km N Chinacla.
 DISTRIBUTION: Arizona (USA) to Nicaragua.
 SYNONYMS: *sonoriensis*.
- Molossops* Peters, 1865. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1865:575.
 TYPE SPECIES: *Dysopes temminckii* Burmeister, 1854.
 SYNONYMS: *Cabreramops*, *Cynomops*, *Neoplatymops*.
 COMMENTS: Includes *Cabreramops*, *Cynomops*, and *Neoplatymops* as subgenera; see Jones et al. (1977:28) and Freeman (1981:133) respectively.
- Molossops abrasus* (Temminck, 1827). Monogr. Mamm., 1:232.
 TYPE LOCALITY: "Brazil."
 DISTRIBUTION: Venezuela, Guyana, Surinam, Peru, Brazil, Bolivia, Paraguay, N Argentina.
 SYNONYMS: *brachymeles*, *cerastes*, *mastivus*.
 COMMENTS: Subgenus *Cynomops*. Called *brachymeles* by Cabrera (1958:118-119) and Freeman (1981:155; who included it in the subgenus *Cynomops*); but see Carter and Dolan (1978:84).
- Molossops aequatorianus* Cabrera, 1917. Trab. Mus. Nac. Cienc. Nat. Zool., 31:20.
 TYPE LOCALITY: Ecuador, Los Rios, Babahoyo.
 DISTRIBUTION: Ecuador.
 COMMENTS: Subgenus *Cabreramops*. See Ibanez (1980:105), who separated *Cabreramops* generically.
- Molossops greenhalli* (Goodwin, 1958). Am. Mus. Novit., 1877:3.
 TYPE LOCALITY: Trinidad and Tobago, Trinidad, Port of Spain, Botanic Gardens.
 DISTRIBUTION: Nayarit (Mexico) to Ecuador and NE Brazil; Trinidad.
 SYNONYMS: *mexicanus*.
 COMMENTS: Subgenus *Cynomops*; see Freeman (1981:155).
- Molossops mattogrossensis* Vieira, 1942. Argent. Zool. Sao Paulo, 3:430.
 TYPE LOCALITY: Brazil, Mato Grosso, Juruena River, São Simão.
 DISTRIBUTION: Venezuela, Guyana, C and NE Brazil.
 COMMENTS: Subgenus *Neoplatymops*; see Freeman (1981:155). Listed as a subspecies of *Molossops temminckii* by Cabrera (1958:117); but see Peterson (1965a:3-5), who considered *Neoplatymops* a distinct genus. See Willig and Jones (1985, Mammalian Species, 244, as *Neoplatymops mattogrossensis*).
- Molossops neglectus* Williams and Genoways, 1980. Ann. Carnegie Mus., 49(25):489.
 TYPE LOCALITY: Surinam, Surinam, 1 km S, 2 km E Powaka (5°25'N, 55°3'W).
 DISTRIBUTION: Surinam, Amazonian Brazil and Peru.
 COMMENTS: Subgenus *Molossops*.

Molossops planirostris (Peters, 1865). Monatsb. K. Preuss. Akad. Wiss. Berlin, 1865:575.

TYPE LOCALITY: French Guiana, Cayenne.

DISTRIBUTION: Panama to Peru, N Argentina, Paraguay, Brazil and Surinam.

SYNONYMS: *espiritasantensis*, *milleri*, *paranus*.

COMMENTS: Subgenus *Cynomops*; see Freeman (1981:155). Includes *milleri* and *paranus*; see Koopman (1978b:20); but also see Handley (1976) and Williams and Genoways (1980c), who regarded *paranus* as a distinct species.

Molossops temminckii (Burmeister, 1854). Syst. Uebers. Thiere Bras., p. 72.

TYPE LOCALITY: Brazil, Minas Gerais, Lagoa Santa.

DISTRIBUTION: Venezuela, Colombia, Peru, Bolivia, S Brazil, Paraguay, N Argentina, Uruguay.

SYNONYMS: *griseiventer*, *hirtipes*, *sylvia*.

COMMENTS: Subgenus *Molossops*.

Molossus E. Geoffroy, 1805. Ann. Mus. Hist. Nat. Paris, 6:151.

TYPE SPECIES: *Vespertilio molossus* Pallas, 1766.

COMMENTS: Middle American species reviewed by Dolan (1989).

Molossus ater E. Geoffroy, 1805. Bull. Sci. Soc. Philom. Paris, 3(96):279.

TYPE LOCALITY: French Guiana, Cayenne.

DISTRIBUTION: Tamaulipas and Sinaloa (Mexico) to Peru, N Argentina, Brazil and Guianas; Trinidad.

SYNONYMS: *albus*, *alecto*, *castaneus*, *fluminensis*, *holosericeus*, *myosurus*, *macdougalli*, *malagai*, *nigricans*, *rufus*, *ursinus*.

COMMENTS: Called *rufus* by Dolan (1989), but see Husson (1962) and Hall (1981:252).

Includes *malagai*; see Jones (1965). Includes *macdougalli*; see Jones et al. (1977), but also see Hall (1981:252), who placed it in *pretiosus*.

Molossus bondae J. A. Allen, 1904. Bull. Am. Mus. Nat. Hist., 20:228.

TYPE LOCALITY: Colombia, Magdalena, Bonda.

DISTRIBUTION: Honduras to Ecuador and Venezuela; Cozumel Isl (Mexico).

COMMENTS: May include *coibensis*, according to Freeman (1981:157), but not according to Dolan (1989).

Molossus molossus (Pallas, 1766). Misc. Zool., p. 49-50.

TYPE LOCALITY: France, Martinique (Lesser Antilles).

DISTRIBUTION: Sinaloa and Coahuila (Mexico) to Peru, N Argentina, Uruguay, Brazil and Guianas; Greater and Lesser Antilles; Margarita Isl (Venezuela); Curacao and Bonaire (Netherlands Antilles); Trinidad and Tobago.

SYNONYMS: *acuticaudatus*, *amplexicaudus*, *aztecus*, *barnesi*, *cherriei*, *crassicaudatus*, *coibensis*, *currentium*, *daulensis*, *debilis*, *fortis*, *fusciventer*, *lambi*, *longicaudatus*, *major*, *milleri*, *moxensis*, *obscurus*, *olivaceofuscus*, *pygmaeus*, *tropidorhynchus*, *velox*, *verrilli*.

COMMENTS: Includes *fortis*, *milleri*, *debilis*, and *tropidorhynchus*; see Varona (1974:42). Called *major* by Hall and Kelson (1959:216) and Cabrera (1958:130) but see Husson (1962:251-259). Hall (1981:255) included *coibensis* and *aztecus* in *molossus*, but see Dolan (1989). Antillean populations reviewed by Genoways et al. (1981). Includes *daulensis*, but see Albuja (1982).

Molossus pretiosus Miller, 1902. Proc. Acad. Nat. Sci. Philadelphia, p. 396.

TYPE LOCALITY: Venezuela, Caracas, LaGuaira.

DISTRIBUTION: Guerrero, Oaxaca (Mexico); Nicaragua to Colombia, Venezuela and Guyana.

COMMENTS: Listed as a synonym of *rufus* by Cabrera (1958:132); but see Jones et al. (1977).

Molossus sinaloae J. A. Allen, 1906. Bull. Am. Mus. Nat. Hist., 22:236.

TYPE LOCALITY: Mexico, Sinaloa, Esquinapa.

DISTRIBUTION: Sinaloa (Mexico) to Colombia and Surinam; Trinidad.

SYNONYMS: *trinitatus*.

COMMENTS: Includes *trinitatus*, but see Freeman (1981:158).

Mops Lesson, 1842. Nouv. Tabl. Regn. Anim. Mammifères, p. 18.

TYPE SPECIES: *Mops indicus* Lesson, 1842 (= *Molossus mops* de Blainville, 1840).

SYNONYMS: *Philippinopterus*, *Xiphonycteris*.

- COMMENTS: Formerly included in *Tadarida*; for synonyms see Freeman (1981:158). See also Legendre (1984).
- Mops brachypterus* (Peters, 1852). Reise nach Mossambique, Säugethiere, p. 59.
 TYPE LOCALITY: Mozambique, Mozambique Isl (15°S, 40°42'E).
 DISTRIBUTION: Gambia to Kenya; Tanzania (including Zanzibar); Mozambique.
 SYNONYMS: *leonis*, *ochraceus*.
 COMMENTS: Subgenus *Xiphonycteris*. Includes *leonis*; see El-Rayah (1981:6).
- Mops condylurus* (A. Smith, 1833). S. Afr. Quart. J., 1:54.
 TYPE LOCALITY: South Africa, Natal, Durban.
 DISTRIBUTION: Senegal to Somalia, south to Angola, Botswana, and Natal (South Africa); Madagascar.
 SYNONYMS: *angolensis*, *fulva*, *leucostigma*, *occidentalis*, *orientis*, *osborni*, *wonderi*.
 COMMENTS: Subgenus *Mops*.
- Mops congicus* J. A. Allen, 1917. Bull. Am. Mus. Nat. Hist., 37:467.
 TYPE LOCALITY: Zaire, Oriental, Medje.
 DISTRIBUTION: Ghana, Nigeria, Cameroon, Zaire, Uganda, perhaps Gambia.
 COMMENTS: Subgenus *Mops*. Does not include *trevori*; see Peterson (1972).
- Mops demonstrator* (Thomas, 1903). Ann. Mag. Nat. Hist., ser. 7, 12:504.
 TYPE LOCALITY: Sudan, Equatoria, Mongalla.
 DISTRIBUTION: Sudan, Zaire, Uganda, Burkina Faso.
 SYNONYMS: *faradjius*.
 COMMENTS: Subgenus *Mops*.
- Mops midas* (Sundevall, 1843). Kongl. Svenska Vet.-Akad. Handl. Stockholm, 1842:207 [1843].
 TYPE LOCALITY: Sudan, Blue Nile, White Nile River, West bank, Jebel el Funj.
 DISTRIBUTION: Senegal to Saudi Arabia, south to Botswana and Transvaal (South Africa); Madagascar.
 SYNONYMS: *miarensis*, *unicolor*.
 COMMENTS: Subgenus *Mops*.
- Mops mops* (de Blainville, 1840). Osteogr. Mamm., pt. 5(Vespertilio), p. 101.
 TYPE LOCALITY: Indonesia, Sumatra.
 DISTRIBUTION: W Malaysia, Sumatra, Borneo, perhaps Java.
 SYNONYMS: *indicus*.
 COMMENTS: Subgenus *Mops*.
- Mops nanulus* J. A. Allen, 1917. Bull. Am. Mus. Nat. Hist., 37:477.
 TYPE LOCALITY: Zaire, Oriental, Niangara.
 DISTRIBUTION: Sierra Leone to Ethiopia and Kenya.
 SYNONYMS: *calabarensis*.
 COMMENTS: Subgenus *Xiphonycteris*. Distinction from *spurrelli* not certain; see Koopman (1989b).
- Mops niangarae* J. A. Allen, 1917. Bull. Am. Mus. Nat. Hist., 37:468.
 TYPE LOCALITY: Zaire, Niangara.
 DISTRIBUTION: Known only from the holotype.
 COMMENTS: Subgenus *Mops*. 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.
- Mops niveiventer* Cabrera and Ruxton, 1926. Ann. Mag. Nat. Hist., ser. 9, 17:594.
 TYPE LOCALITY: Zaire, Kasai Occidental, Luluabourg.
 DISTRIBUTION: Zaire, Rwanda, Burundi, Tanzania, Angola, Zambia, Mozambique.
 SYNONYMS: *chitauensis*.
 COMMENTS: Subgenus *Mops*. Probably a subspecies of *demonstrator*. Records from Botswana and Madagascar definitely *condylurus*, see Meester et al. (1986:74) and Hayman and Hill (1971:61).
- Mops petersoni* (El Rayah, 1981). R. Ontario Mus. Life Sci. Occas. Pap., 36:3.
 TYPE LOCALITY: Cameroon, 15 km S Kumba (4°39'N, 9°26'E).

DISTRIBUTION: Cameroon and Ghana, perhaps Sierra Leone.

COMMENTS: Subgenus *Xiphonycteris*. Described in *Tadarida* (*Xiphonycteris*), but see comments under *Tadarida* and *Mops*.

Mops sarasinorum (Meyer, 1899). Abh. Zool. Anthropol.-Ethnology. Mus. Dresden, 7(7):15.

TYPE LOCALITY: Indonesia, Sulawesi, Batulappa (North of Lake Tempe).

DISTRIBUTION: Sulawesi (Indonesia) and adjacent small islands; Philippines.

SYNONYMS: *lanei*.

COMMENTS: Subgenus *Mops*. Includes *lanei* (formerly included in *Philippinopterus*); see Freeman (1981:160).

Mops spurrelli (Dollman, 1911). Ann. Mag. Nat. Hist., ser. 8, 7:211.

TYPE LOCALITY: Ghana, Bibianaha.

DISTRIBUTION: Liberia, Ivory Coast, Ghana, Togo, Benin, Rio Muni and Bioko (Equatorial Guinea), Zaire.

COMMENTS: Subgenus *Xiphonycteris*.

Mops thersites (Thomas, 1903). Ann. Mag. Nat. Hist., ser. 7, 12:634.

TYPE LOCALITY: Cameroon, Efulen.

DISTRIBUTION: Sierra Leone to Rwanda; Bioko; perhaps Mozambique and Zanzibar.

SYNONYMS: *occipitalis*.

COMMENTS: Subgenus *Xiphonycteris*.

Mops trevori J. A. Allen, 1917. Bull. Am. Mus. Nat. Hist., 37:468.

TYPE LOCALITY: Zaire, Oriental, Faradje.

DISTRIBUTION: NW Zaire, Uganda.

COMMENTS: Subgenus *Mops*. Formerly included *niangarae*; see Freeman (1981:111, 159).

Mormopterus Peters, 1865. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1865:258.

TYPE SPECIES: *Nyctinomus* (*Mormopterus*) *jugularis* Peters, 1865.

SYNONYMS: *Micronomus*, *Platymops*, *Sauromys*.

COMMENTS: Formerly included in *Tadarida*; see Koopman (1975:419-421); but also see Freeman (1981:133, 160), who included *Sauromys* and *Platymops* as subgenera, and also *Micronomus*.

Mormopterus acetabulosus (Hermann, 1804). Observ. Zool., p. 19.

TYPE LOCALITY: Mauritius, Port Louis.

DISTRIBUTION: Reunion and Mauritius (Mascarene Isls), Madagascar, South Africa, Ethiopia.

SYNONYMS: *natalensis*.

COMMENTS: Subgenus *Mormopterus*.

Mormopterus beccarii Peters, 1881. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1881:484.

TYPE LOCALITY: Indonesia, Molucca Isls, Amboina Isl.

DISTRIBUTION: Molucca Isls, New Guinea, adjacent small islands, N Australia.

SYNONYMS: *astrolabiensis*.

COMMENTS: Subgenus *Mormopterus*. Includes *astrolabiensis*; see Freeman (1981:160).

Mormopterus doriae K. Andersen, 1907. Ann. Mus. Civ. Stor. Nat. Genova, 3(38):42.

TYPE LOCALITY: Indonesia, Sumatra, Deli, Soekaranda.

DISTRIBUTION: Sumatra.

COMMENTS: Subgenus *Mormopterus*.

Mormopterus jugularis (Peters, 1865). In Sclater, Proc. Zool. Soc. Lond., 1865:468.

TYPE LOCALITY: Madagascar, Antananarivo.

DISTRIBUTION: Madagascar.

SYNONYMS: *albiventer*.

COMMENTS: Subgenus *Mormopterus*.

Mormopterus kalinowskii (Thomas, 1893). Proc. Zool. Soc. Lond., 1893:334.

TYPE LOCALITY: "Central Peru."

DISTRIBUTION: Peru, N Chile.

COMMENTS: Subgenus *Mormopterus*.

Mormopterus minutus (Miller, 1899). Bull. Am. Mus. Nat. Hist., 12:173.

TYPE LOCALITY: Cuba, Las Villas, Trinidad, San Pablo.

- DISTRIBUTION: Cuba.
 COMMENTS: Subgenus *Mormopterus*.
- Mormopterus norfolkensis* (Gray, 1840). Ann. Nat. Hist., 4:7.
 TYPE LOCALITY: Australia, Norfolk Isl (S Pacific Ocean); uncertain.
 DISTRIBUTION: Norfolk Isl?, SE Queensland, E New South Wales (Australia).
 SYNONYMS: *wilcoxii*.
 COMMENTS: Subgenus *Mormopterus*. There is considerable doubt as to the status of this species; see Hill (1961b:44) and Koopman (1984c:29-31).
- Mormopterus petrophilus* (Roberts, 1917). Ann. Transvaal Mus., 6:4.
 TYPE LOCALITY: South Africa, Transvaal, near Rustenburg, Bleskap.
 DISTRIBUTION: South Africa, Namibia, Botswana, Zimbabwe, Mozambique, perhaps Ghana.
 SYNONYMS: *erongensis*, *fitsimoni*, *haagneri*, *umbratus*.
 COMMENTS: Subgenus *Sauromys*; see Freeman (1981:133, 161). Formerly included in genus *Sauromys* by Peterson (1965a:12).
- Mormopterus phrudus* (Handley, 1956). Proc. Biol. Soc. Washington, 69:197.
 TYPE LOCALITY: Peru, Cuzco, Machu Picchu, Urubamba River, San Miguel Bridge.
 DISTRIBUTION: Peru.
 COMMENTS: Subgenus *Mormopterus*.
- Mormopterus planiceps* (Peters, 1866). Monatsb. K. Preuss. Akad. Wiss. Berlin, 1866:23.
 TYPE LOCALITY: Australia. Probably New South Wales, Sydney; see Iredale and Troughton (1934) for discussion.
 DISTRIBUTION: Australia, New Guinea.
 SYNONYMS: *cobourgiana*, *loriae*, *petersi*, *ridei*.
 COMMENTS: Subgenus *Mormopterus*. Includes *loriae*; see Hill (1961b:45-46) and see Koopman (1984c:29-30).
- Mormopterus setiger* Peters, 1878. Monatsb. K. Preuss. Akad. Wiss. Berlin, 1878:196.
 TYPE LOCALITY: Kenya, Taita.
 DISTRIBUTION: S Sudan, Ethiopia, Kenya.
 SYNONYMS: *barbatogularis*, *macmillani*, *parkeri*.
 COMMENTS: Subgenus *Platymops*; see Freeman (1981:133, 161). Formerly included in *Platymops* by Harrison and Fleetwood (1960:277-278).
- Myopterus* E. Geoffroy, 1818. Descrip. de L'Egypte, 2:113.
 TYPE SPECIES: *Myopterus senegalensis* Oken, 1816 (not available) (= *Myopterus daubentonii* Desmarest, 1920).
 SYNONYMS: *Eomops*.
 COMMENTS: Includes *Eomops*; see Hayman and Hill (1971:56).
- Myopterus daubentonii* Desmarest, 1820. Mammalogie, in Encyclop. Méth., 1:132.
 TYPE LOCALITY: Senegal.
 DISTRIBUTION: Senegal, Ivory Coast, NE Zaire.
 SYNONYMS: *albatus*.
 COMMENTS: Holotype lost. Includes *albatus*; see Koopman (1989b).
- Myopterus whitleyi* (Scharff, 1900). Ann. Mag. Nat. Hist., ser. 7, 6:569.
 TYPE LOCALITY: Nigeria, Mid-Western Region, Benin City.
 DISTRIBUTION: Ghana, Nigeria, Cameroon, Zaire, Uganda.
- Nyctinomops* Miller, 1902. Proc. Acad. Nat. Sci. Philadelphia, 54:393.
 TYPE SPECIES: *Nyctinomus femorosaccus* Merriam, 1889.
 COMMENTS: Formerly included in *Tadarida*; see Hall (1981:243); but also see Freeman (1981:124). A key to the species in this genus was presented by Kumirai and Jones (1990).
- Nyctinomops aurispinosus* (Peale, 1848). Mammalia, in Repts. U.S. Expl. Surv., 8:21.
 TYPE LOCALITY: Brazil, Rio Grande do Norte, 100 mi. (161 km) off Cape Sao Roque.
 DISTRIBUTION: Sonora and Tamaulipas (Mexico) to Peru, Bolivia, and Brazil.
 SYNONYMS: *similis*.

COMMENTS: Includes *similis*; see Jones and Arroyo-Cabrales (1990, Mammalian Species, 350).

Nyctinomops femorosaccus (Merriam, 1889). N. Am. Fauna, 2:23.

TYPE LOCALITY: USA, California, Riverside Co., Palm Springs.

DISTRIBUTION: Guerrero (Mexico) to New Mexico, Arizona, California (USA) and Baja California (Mexico).

COMMENTS: See Kumirai and Jones (1990, Mammalian Species, 349).

Nyctinomops laticaudatus (E. Geoffroy, 1805). Ann. Mus. Hist. Nat. Paris, 6:156.

TYPE LOCALITY: Paraguay, Asuncion.

DISTRIBUTION: Tamaulipas and Jalisco (Mexico) to NW Peru, N Argentina, and Brazil; Trinidad; Cuba.

SYNONYMS: *caecus*, *europs*, *ferruginea*, *gracilis*, *macarenensis*, *yucatanica*.

COMMENTS: Includes *yucatanicus*, *europs*, and *gracilis*; see Silva-Taboada and Koopman (1964:3, 4) and Freeman (1981:162).

Nyctinomops macrotis (Gray, 1840). Ann. Nat. Hist., 4:5.

TYPE LOCALITY: Cuba.

DISTRIBUTION: SW British Columbia and Iowa (USA) to Peru, N Argentina and Uruguay; Cuba; Jamaica; Hispaniola.

SYNONYMS: *aequatoralis*, *affinis*, *auritus*, *depressus*, *megalotis*; *molossa* Hershkovitz (not Pallas); *nevadensis*.

COMMENTS: Called *Tadarida molossa* by Hall and Kelson (1959:208); but see Husson (1962:256-259). See Milner et al. (1990, Mammalian Species, 351).

Otomops Thomas, 1913. J. Bombay Nat. Hist. Soc., 22:91.

TYPE SPECIES: *Nyctinomus wroughtoni* Thomas, 1913.

Otomops formosus Chasen, 1939. Treubia, 17:186.

TYPE LOCALITY: Indonesia, Java, Tjibadak.

DISTRIBUTION: Java.

Otomops martiensseni (Matschie, 1897). Arch. Naturgesch., 63(1):84.

TYPE LOCALITY: Tanzania, Tanga, Magrotto Plantation.

DISTRIBUTION: Djibouti and Central African Republic to Angola and Natal (South Africa); Madagascar.

SYNONYMS: *icarus*, *madagascariensis*.

Otomops papuensis Lawrence, 1948. J. Mammal., 29:413.

TYPE LOCALITY: Papua New Guinea, Gulf Prov., Vailala River.

DISTRIBUTION: SE New Guinea.

Otomops secundus Hayman, 1952. In Laurie, Bull. Brit. Mus. (Nat. Hist.), Zool., 1:314.

TYPE LOCALITY: Papua New Guinea, Madang Prov., Tapu.

DISTRIBUTION: NE New Guinea.

COMMENTS: May be a subspecies of *papuensis*, according to the describer; see Hill (1983:197-198).

Otomops wroughtoni (Thomas, 1913). J. Bombay Nat. Hist. Soc., 22:87.

TYPE LOCALITY: India, Mysore, Kanara, near Talewadi.

DISTRIBUTION: S India.

Promops Gervais, 1856. In Comte de Castelnau, Exped. Parties Cen. Am. Sud., Zool.(Sec. 7), Vol 1, pt. 2(Mammifères):58.

TYPE SPECIES: *Promops ursinus* Gervais, 1856 (= *Molossus nasutus* Spix, 1823).

Promops centralis Thomas, 1915. Ann. Mag. Nat. Hist., ser. 8, 16:62.

TYPE LOCALITY: Mexico, Yucatan.

DISTRIBUTION: Jalisco and Yucatan (Mexico) to Peru, N Argentina, and Surinam; Trinidad.

SYNONYMS: *davisoni*, *occultus* (see Ojasti and Linares, 1971:433-434).

Promops nasutus (Spix, 1823). Sim. Vespert. Brasil., p. 58.

TYPE LOCALITY: Brazil, Bahia, Sao Francisco River.

DISTRIBUTION: Venezuela, Trinidad, Surinam, Brazil, Ecuador, Peru, Bolivia, Paraguay, N Argentina.

SYNONYMS: *ancilla*, *downsi*, *fosteri*, *fumarius*, *pamana*, *rufocastaneus*, *ursinus*.

COMMENTS: Includes *pamana*; see Goodwin and Greenhall (1962).

Tadarida Rafinesque, 1814. *Precis Som.*, p. 55.

TYPE SPECIES: *Cephalotes teniotis* Rafinesque, 1814.

SYNONYMS: *Austronomus*, *Nyctinomus*, *Rhizomops*.

COMMENTS: 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 *Nyctinomus* as the prior name for this genus.

Tadarida aegyptiaca (E. Geoffroy, 1818). *Descrip. de L'Egypte*, 2:128.

TYPE LOCALITY: Egypt, Giza.

DISTRIBUTION: South Africa to Nigeria, Algeria, and Egypt to Yemen and Oman, east to India and Sri Lanka. Records from Saudi Arabia and Oman are by Jennings (1979).

SYNONYMS: *anchietae*, *bocagei*, *brunneus*, *geoffroyi*, *gossei*, *sindica*, *talpinus*, *thomasi*, *tongaensis*, *tragata*.

COMMENTS: Includes *tragata*; see Corbet (1978c:63) and Freeman (1981:165).

Tadarida australis (Gray, 1839). *Mag. Zool. Bot.*, 2:501.

TYPE LOCALITY: Australia, New South Wales.

DISTRIBUTION: S and C Australia, New Guinea.

SYNONYMS: *albidus*, *atratus*, *kuboriensis*.

COMMENTS: Includes *kuboriensis*; see Koopman (1982:23-24); but also see McKean and Calaby (1968:377).

Tadarida brasiliensis (I. Geoffroy, 1824). *Ann. Sci. Nat. Zool.*, 1:343.

TYPE LOCALITY: Brazil, Parana, Curitiba.

DISTRIBUTION: S Brazil, Argentina, and Chile to Oregon, S Nebraska and Ohio (USA); Greater and Lesser Antilles.

SYNONYMS: *antillularum*, *bahamensis*, *californicus*, *constanzae*, *cynocephala*, *fuliginosus*, *intermedia*, *mexicana*, *mohavensis*, *multispinosus*, *murina*, *muscula*, *naso*, *nasutus*, *peruanus*, *rugosus*, *texana*.

COMMENTS: Placed in distinct genus (*Rhizomops*) by Legendre (1984), but see Freeman (1981:68) and Owen et al. (1990). See Wilkins (1989, *Mammalian Species*, 331).

Tadarida espiritosantensis (Ruschi, 1951). *Bol. Mus. Biol. Prof. Mello-Leitao Zool.*, Santa Teresa, Espírito Santo, 7:19.

TYPE LOCALITY: Brazil, Espírito Santo, Santa Teresa, Treis Barras.

DISTRIBUTION: Brazil.

COMMENTS: Mentioned in Pine and Ruschi (1976); listed as a species by Freeman (1981:166). Probably a synonym of *Nyctinomops laticaudatus*.

Tadarida fulminans (Thomas, 1903). *Ann. Mag. Nat. Hist.*, ser. 7, 12:501.

TYPE LOCALITY: Madagascar, Betsilio, Fianarantsoa.

DISTRIBUTION: E Zaire, Rwanda, Kenya, Tanzania, Zambia, Malawi, Zimbabwe, Transvaal (South Africa), Madagascar.

SYNONYMS: *mastersoni*.

Tadarida lobata (Thomas, 1891). *Ann. Mag. Nat. Hist.*, ser. 6, 7:303.

TYPE LOCALITY: Kenya, West Pokot, Turkwell Gorge.

DISTRIBUTION: Kenya, Zimbabwe.

Tadarida teniotis (Rafinesque, 1814). *Precis Som.*, p. 12.

TYPE LOCALITY: Italy, Sicily.

DISTRIBUTION: France, Portugal and Morocco to Japan, S China, and Taiwan; Madeira (Portugal) and Canary Isls (Spain).

SYNONYMS: *cestoni*, *cinerea*, *coecata*, *insignis*, *latouchei*, *nigrogriseus*, *rueppellii*, *savii*.

COMMENTS: Revised by Aellen (1966) and Kock and Nader (1984). Includes *insignis*, but see Yoshiyuki (1989) and Yoshiyuki et al. (1989).

- Tadarida ventralis* (Heuglin, 1861). *Nouv. Act. Acad. Caes. Leop.-Carol.*, 29(8):4,11.
TYPE LOCALITY: Ethiopia, Eritrea, Keren.
DISTRIBUTION: Ethiopia to South Africa.
SYNONYMS: *africana*.
COMMENTS: For use of this name in place of *africana*, see Kock (1975).