

A World List of Mammalian Species

G. B. Corbet and J. E. Hill

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Introduction

After birds, mammals constitute the group of animals whose diversity has been most intensively studied. But the attention of zoologists, whether concentrating on structure, ecology, behaviour or physiology, has been very unevenly distributed amongst the four thousand or so species that make up this assemblage. Some, like the chimpanzee, have had volumes devoted to every aspect of their structure and lives; at the other extreme species have been described on the basis of such flimsy evidence as to leave their very existence in doubt.

In devising a classification of mammals, or any other group of animals, the basic task is to detect, amongst the bewildering variety of individual animals, those genetically independent groups that we call species and that the animals themselves would recognize as constituting 'us' as distinct from 'them'. This concept of the species is not absolutely rigid and clear-cut but it is based upon the fact that individuals within a geographically coherent group show a degree of resemblance to each other that arises from a common ancestry and allows them to interbreed freely, thereby disseminating their characteristics within the group. The difference between members of such a species and members of the most closely related species occupying the same area may be conspicuous or obscure – it is the absence of intergradation rather than the magnitude of the difference that enables species to be defined. Given adequate information there is rarely difficulty in defining the species at any one locality, but the concept of the species becomes less precise when we consider geographically detached segments of a species and have to speculate as to whether any differences between them and the rest of the group are sufficiently slight that they would interbreed freely if reunited.

In some groups of mammals, for example the ungulates and carnivores, it is unlikely that many completely new species await discovery and our delimitation of known species is unlikely to change much. However some uncertainties are almost bound to remain since species are continually evolving and it is almost inevitable that some pairs of populations have diverged to just such an extent that it is rather arbitrary whether they are deemed to have crossed the species threshold and been irretrievably set upon separate evolutionary pathways. Amongst the antelopes for example the four principal forms of oryx in Africa and Arabia, all geographically isolated from each other, have at one extreme been considered races of a single species but are more often treated as three species, one with two subspecies.

Amongst the small mammals the situation is very different. One or two completely new species, mainly bats, are discovered each year. Known species are sometimes found, on closer inspection, to comprise two or more separate but very similar species – 'sibling species' – whose genetical independence may sometimes be confirmed by the degree of difference in their chromosome complements. On the other hand any such proliferation of known species tends to be counterbalanced by the discovery that other 'nominal species', i.e. forms that have been

described and named as species on the basis of inadequate samples, are in fact only variants of other, better known, species.

This book is an attempt to present a comprehensive list of all living species of mammals as far as current knowledge allows. Recently extinct species are also included, marked †, if their external appearance is known from preserved specimens, illustrations or descriptions, e.g. the quagga, an extinct zebra from southern Africa. The only other comprehensive lists published in recent years are the *International Species Inventory System* (ISIS) (see p. 201), which was designed primarily to codify each species for computerized record-keeping in zoos, and the as yet incomplete series of volumes in Russian by Sokolov (see p. 201). Before these we must go back to Trouessart's *Catalogus mammalium* published in 1898–99, with a supplement in 1904–5, to find a complete list of the mammalian species then known, although that work was much more ambitious, including fossil as well as living species and providing references to all original descriptions.

The present list has been compiled quite independently of these, using primary taxonomic sources or well documented regional compilations. The bats (order Chiroptera) have been dealt with by J. E. Hill and the remaining orders by G. B. Corbet. Most of the principal sources used have been published during the 1970s and emendments to the list have been made up to October 1979. Further explanation can best be given under the following headings which reflect the layout of the lists.

Higher classification and sequence

It is not intended that this book should be considered an original source for the higher classification of mammals, i.e. classification above the level of genus. The classification used is based, like those in most recent compilations, on that of Simpson published in 1945 (see p. 201), adapted to take account of more recent work. The result is a compromise between keeping a well-known classification in spite of the fact that subsequent work has shown many aspects of it to provide a poor indication of relationships, and recent alternatives that have not yet had time to be adequately tested. Ranks other than order, family and genus have been avoided except in the Chiroptera and in a few other cases where they are particularly clear-cut and usefully divide large groups, e.g. in the rodent family Muridae where subfamilies have been used.

We have likewise followed the *sequence* used by Simpson unless the requirements of a more recent classification have directed otherwise. At the level of the orders we have adopted the principal conclusions of the phylogenetic classification of McKenna (see p. 201) but have minimized changes of sequence and rank. The main effect of this is to separate the order Edentata from the rest of the placental mammals and within the remainder to recognize the Macroscelidea and the Lagomorpha as comprising a pair of distinctive groups. There are severe limits on the extent to which a linear sequence can reflect the web of relationships between a multitude of groups. We have therefore adopted a simple alphabetical sequence of species within each genus. This has the disadvantage of separating many closely related species but any simple alternative could equally mislead in

implying, by juxtaposition, affinities that were not intended. The disadvantages of a non-alphabetical arrangement of genera and higher categories are alleviated by the provision of an index.

Number of species

In quoting the number of species in an order or family the form 'c. 23 species' is generally used, meaning that the number of species *listed* is exactly 23 but that there is sufficient uncertainty about the status or content of some of them to make it likely that this number will be revised as the species become better known, or will remain unstable because of species that are marginally distinct. Absence of the 'c.' implies that the species are clearly defined and the number is unlikely to change.

Nomenclature

No authors nor dates are given with the scientific names – these can generally be found in the references quoted. Except when dealing with problems of nomenclature, or with recently described species, it is usually quite unnecessary to quote the author or date of the name of a mammal. Again with the exception of recently described species, the original citation is rarely the best place to go to find a useful description of the species.

The name of the genus is followed, in parenthesis, by any synonyms that are frequently used in recent literature. Zoologists should note that these 'synonyms' are simply alternative generic names that are commonly used for all or any of the species listed in the genus – it is not necessarily implied that they are formal junior synonyms of the generic names used. The same applies to synonyms of species names – these most often represent forms that have recently been considered separate species but are here included in the other, earlier-named, species.

Vernacular names, in English only, are given if they are well established or if they are used in a major work on the region or group concerned and seem sufficiently distinctive in a world-wide context. We have invented a few names, especially in cases where an obvious name suggested itself by analogy with a related species that already had an accepted English name. We have also enlarged some well established names to make them unique, e.g. Eurasian red squirrel, without implying that the expanded version need always be used.

Geographical range

The aim has been to be as precise as possible within the severe limitations of a single line, helped in many cases by an indication of the vegetation zone or zones concerned. Small islands are generally ignored unless they comprise a particularly significant part of the range. The form 'Uganda, etc.' is used to mean that the range is centred on Uganda but extends slightly into adjacent countries. In south-eastern Asia the expression 'Burma – Java' implies presence in Malaya and Sumatra but not Borneo and Philippines unless these are specifically mentioned.

Parentheses () are used to indicate a minor component of the range, especially in the case of genera or higher groups. For example in the case of the opossums of the family Didelphidae 'S, C, (N) America' reflects the fact that there are many species in south and central America but only one in north America. Brackets [] indicate populations introduced by man, but are generally used only in the case of very extensive and well established populations remote from the original range, e.g. coypus introduced from South America into Eurasia and European rabbits in Australia. Introductions are ignored in giving the range of higher groups. In the case of a species in which a major diminution of range over the last hundred years or so has been well documented current range is given but areas formerly occupied are indicated where practicable. No attempt has however been made to indicate earlier ranges known only from fragmentary information or subfossil remains. Extinct species are marked † against the scientific name as well as 'extinct' preceding the range.

Habitat and ecology

This information is not intended to be comprehensive but is used especially to define the range more precisely. Where habitat is constant for a genus or higher group it is not repeated under each species. Expressions such as 'forest' or 'steppe' are intended to define the gross biotic zone that the species occupies rather than the habitat selected by individuals. Generalized descriptive terms for structural vegetation types are used in preference to those with local or floristic connotations, e.g. 'scrub' rather than 'chaparral'. The principal terms used for vegetation types can be defined as follows:

Forest – dominated by trees. Qualified as closed, open, rain, dry, deciduous, evergreen, coniferous.

Woodland – sometimes used here for open forest but generally avoided because of ambiguity. It can also mean secondary forest or small scattered segments of forest.

Scrub – closed shrub vegetation.

Savanna – closed grassland (long or short) with scattered trees.

Steppe – open grassland, herb or dwarf shrub (i.e. bare ground between plants).

Desert – bare ground predominating.

Terms such as 'arboreal' and 'subterranean' are self-explanatory – the latter implies that the animals find most of their food underground and is not used merely to indicate the construction of burrows for shelter. 'Terrestrial' is used to mean living mainly on the ground surface in contrast to 'arboreal' and 'subterranean' as well as to 'aquatic'.

Feeding habits are generally given for higher categories rather than for individual species and then only if they are reasonably constant for the group.

Sources and references

The reference numbers refer to the bibliographies on pages 201 to 214. Since the major sources of information are generally works covering all groups of mammals in a limited geographical region, these are listed in a separate bibliography (p. 201) and are not referred to in the text of the list. It can generally be assumed that the principal authority for the recognition of a particular species is the most recent publication in the appropriate geographical bibliography, unless there is in the text of the list a reference to a work dealing with the particular species or higher taxonomic group. For example in the rodent family Geomyidae (pocket gophers) which is confined to North and Central America it can be assumed that the listing is based on Hall & Kelson's *The mammals of North America* (1959) amended to take account of more recent regional works on Mexican states and of even more recent revisions of particular groups such as the genus *Pappogeomys* (ref. 9.9).

These references are intended primarily to indicate sources where further detail and justification can be found for the acceptance of the species included in the list, e.g. in deciding such issues as whether forms A, B and C should be considered as belonging to one species or to three separate species. They have not necessarily been followed with regard to other aspects such as nomenclature and higher classification. The bibliographies also contain supplementary sources, not referred to in the text, which provide useful additional information but have not been used as authorities for the recognition of species.

Endangered species

An asterisk, *, following the species entry indicates species that are included in the Red Data Book (see p. 201), whether classified as endangered, vulnerable, rare or indeterminate, or in Appendices I or II of the Convention on International Trade in Endangered Species (see p. 201), i.e. species for which trade is restricted or at least monitored on an international basis. In cases where the Convention includes all species of a higher taxon, e.g. all Primates, an asterisk follows the entry for the higher taxon, and for convenience the individual families but not genera nor species are separately marked. An asterisk in parenthesis, (*), indicates that only certain subspecies or populations are included in the above lists, not the entire species.

Domesticated mammals

The naming of domesticated animals and their wild ancestors is confused. On the one hand, both wild and domesticated forms have generally been given separate formal scientific names (e.g. *Canis lupus* for the wolf and *Canis familiaris* for the dog). But it has also been argued that because wild and domestic forms are normally interfertile they should be considered as belonging to the same species. In this case the valid name for the species may be that given originally to the

wild form or to the domestic form, depending upon which was the first to be proposed. This leads to many confusing anomalies that conflict with general usage and various proposals have been made to resolve the problem. None has found general acceptance.

The solution followed here is to consider that since clearly distinguishable domesticated forms do not in fact interbreed with the wild species to the extent of losing their separate identity (even although they are potentially capable of doing so), they should not be considered a part of the ancestral wild species and consequently the names applied to domesticated forms should not be used as the names of the wild species. Only the wild species are listed here, but any domesticated derivatives are noted after the range. Names based on domesticated forms are given as synonyms in the first column only when they have frequently been used to include the wild species. An exception is made only in the case of the dromedary which is included in the list since no distinct ancestral species is known.

The World List of Mammalian Species

ORDER MONOTREMATA

Monotremes; 3 species; Australia, New Guinea; terrestrial and aquatic predators; ref. 1.2.

Family Tachyglossidae

Spiny anteaters (echidnas); 2 species; Australia, New Guinea; terrestrial insectivores.

Tachyglossus

<i>T. aculeatus</i>	Short-nosed echidna	Australia, Tasmania, SE New Guinea; steppe, forest
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Zaglossus

<i>Z. bruijni</i>	Long-nosed echidna	New Guinea; forest; *
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Family Ornithorhynchidae

One species.

Ornithorhynchus

<i>O. anatinus</i>	Platypus	E Australia, Tasmania; freshwater predator
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ORDER MARSUPIALIA

Marsupials; c. 254 species; Australasia, S America, (N America); all terrestrial habitats; herbivores and predators; ref. 1.1.

Family Didelphidae

American opossums; c. 73 species; S America, (N America); mainly forest; predators and omnivores.

Marmosa; (*Thylamys*); mouse-opossums; S, C America; forest, grassland; taxonomy very provisional.

<i>M. aceramarcae</i>	Bolivia
<i>M. agilis</i>	Central S America
<i>M. agricolai</i>	E Brazil
<i>M. andersoni</i>	Peru
<i>M. canescens</i>	S Mexico
<i>M. cinerea</i> (<i>alstoni</i>)	Tropical S America – Honduras
<i>M. constantiniae</i>	C Brazil – N Argentina
<i>M. domina</i>	Amazonian Brazil

<i>M. dryas</i>		W Venezuela
<i>M. elegans</i>		NW Argentina, Bolivia, Chile
<i>M. emiliae</i> (<i>parvidens</i>)		Tropical S America
<i>M. formosa</i>		N Argentina
<i>M. fuscata</i>		Colombia, W. Venezuela, Trinidad
<i>M. germana</i>		E Ecuador, Peru
<i>M. grisea</i>		Paraguay
<i>M. impavida</i>		E Panama – Peru, W Brazil
<i>M. incana</i>		E Brazil
<i>M. invicta</i>		Panama
<i>M. karimii</i>		C Brazil
<i>M. lepida</i>		Amazon Basin, Surinam
<i>M. leucastra</i>		N Peru
<i>M. mapiriensis</i>		Bolivia, Peru
<i>M. marica</i>		N Venezuela; montane
<i>M. mexicana</i>		Mexico – Panama
<i>M. microtarsus</i>		SE Brazil
<i>M. murina</i>		Tropical S America, Tobago
<i>M. noctivaga</i>		Tropical S America
<i>M. ocellata</i>		Bolivia
<i>M. phaea</i>		W Colombia, W Ecuador
<i>M. pusilla</i>		Argentina, Bolivia, Paraguay
<i>M. quichua</i>		E Peru
<i>M. rapposa</i>		SE Peru, NE Bolivia
<i>M. regina</i>		Colombia
<i>M. robinsoni</i> (<i>mitis</i>)		Honduras – NW South America, Trinidad, Tobago, Grenada
<i>M. rubra</i>		E Ecuador, NE Peru
<i>M. scapulata</i>		SE Brazil
<i>M. tatei</i>		Peru
<i>M. tyleriana</i>		Venezuela
<i>M. unduaviensis</i>		W Bolivia
<i>M. velutina</i>		SE Brazil
<i>M. yungasensis</i>		W Bolivia
<i>Monodelphis</i>; short-tailed opossums; S, C America; forest, savanna.		
<i>M. adusta</i>	Cloudy short-tailed opossum	Panama – Peru
<i>M. americana</i>	Three-striped short- tailed opossum	Brazil

<i>M. brevicaudata</i>	Seba's short-tailed opossum	Surinam – N Argentina; forest
<i>M. dimidiata</i>	Eastern short-tailed opossum	S Brazil, Uruguay, Argentina
<i>M. domestica</i>	Grey short-tailed opossum	E, C Brazil
<i>M. henseli</i>	Hensel's short-tailed opossum	S Brazil – N Argentina
<i>M. iheringi</i>		S Brazil
<i>M. kunsi</i>		N Bolivia; lowland forest; ref. 1.4
<i>M. maraxina</i>		Amazon delta
<i>M. orinoci</i>		Venezuela, etc.; savanna
<i>M. osgoodi</i>	Osgood's short-tailed opossum	W Bolivia, S Peru
<i>M. scalops</i>	Red-headed short-tailed opossum	E Brazil
<i>M. sorex</i>	Soricine short-tailed opossum	S Brazil
<i>M. theresa</i>		E Brazil
<i>M. touan</i>		C Brazil
<i>M. umbristriata</i>		E Brazil
<i>M. unistriata</i>	One-striped short-tailed opossum	SE Brazil
<i>Lestodelphys</i>		
<i>L. halli</i>	Patagonian opossum	S Argentina; grassland
<i>Metachirus</i>		
<i>M. nudicaudatus</i>	Brown four-eyed opossum	Nicaragua – N Argentina
<i>Didelphis</i>; large American opossums; S, C, N America.		
<i>D. albiventris</i> (azarae)		S America (mainly west)
<i>D. marsupialis</i>		E Mexico – N Argentina, L Antilles
<i>D. virginiana</i>	Virginian opossum	Nicaragua – SE Canada
<i>Metachirops</i>; (<i>Philander</i>).		
<i>M. mcalleneyi</i>		E Peru; dry forest
<i>M. opossum</i>	Grey four-eyed opossum	E Mexico – N Argentina; forest
<i>Lutreolina</i>		
<i>L. crassicaudata</i>	Little water opossum	N Argentina – Bolivia – SE Brazil; Guianas; freshwater margins in forest & savanna

Chironectes

<i>C. minimus</i>	Yapok (Water opossum)	S Mexico – N Argentina; freshwater margins
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Caluromys; woolly opossums; S, C America; forest.

<i>C. derbianus</i>	S Mexico – Ecuador
<i>C. lanatus</i>	N, C South America
<i>C. philander</i>	N, C South America

Caluromysiops

<i>C. irrupta</i>	Black-shouldered opossum	SE Peru; forest
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Glironia; bushy-tailed opossums; W South America; forest.

<i>G. criniger</i>	E Peru
<i>G. venusta</i>	N Peru, Ecuador, N Bolivia

Family Microbiotheriidae

One species.

Dromiciops

<i>D. australis</i>	Colocolos	S, C Chile; forest; arboreal insectivore
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Family Caenolestidae

Shrew-opossums (rat-opossums); c. 7 species; Andes from Venezuela to Chile; montane forest and grassland; terrestrial insectivores.

Caenolestes

<i>C. caniventer</i>	Ecuador
<i>C. convelatus</i>	Ecuador
<i>C. fuliginosus</i>	Ecuador
<i>C. obscurus</i>	Colombia, Venezuela
<i>C. tatei</i>	Ecuador

Lestoros

<i>L. inca</i>	S Peru
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Rhyncholestes

<i>R. raphanurus</i>	Chile
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Family Dasyuridae

Marsupial mice, marsupial cats, etc.; c. 49 species; Australia, New Guinea; desert to forest; carnivores and insectivores.

Murexia; New Guinea; forest.

<i>M. longicaudata</i>	Short-haired marsupial mouse	New Guinea
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<i>M. rothschildi</i>	Broad-striped marsupial mouse	E New Guinea
<i>Neophascogale</i>		
<i>N. lorenzi</i>	Long-clawed marsupial mouse	New Guinea; montane forest
<i>Phascolosorex</i> ; New Guinea; montane.		
<i>P. doriae</i>	Red-bellied marsupial mouse	W New Guinea
<i>P. dorsalis</i>	Narrow-striped marsupial mouse	New Guinea
<i>Myoictis</i>		
<i>M. melas</i>	Three-striped marsupial mouse	New Guinea; lowland forest
<i>Planigale</i> ; planigales; Australia, New Guinea; savanna, steppe; ref. 1.5.		
<i>P. gilesi</i>		EC Australia
<i>P. ingrami</i> (<i>subtilissima</i>)	Ingram's planigale	N Australia; (*)
<i>P. maculata</i>	Pygmy planigale	N, NE Australia
<i>P. novaeguineae</i>	Papua marsupial mouse	E New Guinea
<i>P. tenuirostris</i>	Narrow-nosed planigale	E Australia; *
<i>Antechinus</i> ; (<i>Parantechinus</i> , <i>Pseudantechinus</i>).		
<i>A. apicalis</i>	Dibbler	SW Australia; scrub, woodland; *
<i>A. bellus</i>	Fawn antechinus	N Australia; savanna
<i>A. bilarni</i>	Harney's antechinus	N Australia
<i>A. flavipes</i>	Yellow-footed antechinus	E, S, SW Australia
<i>A. godmani</i>	Godman's antechinus	NE Queensland; forest
<i>A. macdonnellensis</i>	Red-eared antechinus	W, N Australia; rocky hills
<i>A. melanurus</i>	Black-tailed antechinus	New Guinea; forest
<i>A. minimus</i>	Swamp antechinus	SE Australia, Tasmania; grassland
<i>A. naso</i>	Long-nosed antechinus	W New Guinea; montane
<i>A. rosamondae</i>	Little red antechinus	NW Australia; grassland
<i>A. stuarti</i>	Brown antechinus	E Australia; forest, woodland
<i>A. swainsoni</i>	Dusky antechinus	E Australia, Tasmania; forest
<i>A. wilhelmina</i>	Lesser antechinus	New Guinea; montane
<i>Phascogale</i>		
<i>P. calura</i>	Red-tailed wambenger	SW, C, SE Australia; dry woodland; *

<i>P. tapoatafa</i>	Tuan (Common wambenger)	Australia
<i>Dasyurus</i>		
<i>D. cristicauda</i>	Mulgara	C Australia; desert, grassland
<i>D. albopunctatus</i>	New Guinea marsupial cat	New Guinea; forest
<i>D. geoffroii</i>	Chuditch	Australia; woodland
<i>D. hallucatus</i>	Satanellus	NE, N, NW Australia
<i>D. maculatus</i>	Tiger cat	E, SE Australia, Tasmania
<i>D. viverrinus</i>	Quoll	SE Australia, Tasmania
<i>Sarcophilus</i>		
<i>S. harrisii</i>	Tasmanian devil	Tasmania; dry forest
<i>Dasyuroides</i>		
<i>D. byrnei</i>	Kowari	C Australia; desert, grassland
<i>Ningauia</i>		
<i>N. ridei</i>		W Australia; desert
<i>N. timealeyi</i>		NW Australia; desert
<i>Sminthopsis</i> ; dunnarts; Australia, S New Guinea.		
<i>S. butleri</i>		N Australia
<i>S. crassicaudata</i>	Fat-tailed dunnart	Australia; grassland, woodland
<i>S. douglasi</i>		N Australia
<i>S. granulipes</i>	White-tailed dunnart	SW Australia; woodland, scrub
<i>S. hirtipes</i>	Hairy-footed dunnart	W Australia; desert
<i>S. leucopus</i>	White-footed dunnart	SE Australia, Tasmania; forest
<i>S. longicaudata</i>	Long-tailed dunnart	W Australia; *
<i>S. macroura</i>	Darling Downs dunnart	E Australia
<i>S. murina</i>	Common dunnart	E, SW Australia; forest
<i>S. ooldea</i>		S, C Australia
<i>S. psammophila</i>	Sandhill dunnart	C Australia; desert grassland; *
<i>S. virginiae</i> (<i>rufigenis</i>)	Red-cheeked dunnart	N Australia, S New Guinea; forest, scrub
<i>Antechinomys</i> ; ref. 1.6.		
<i>A. laniger</i> (<i>spenceri</i>)	Kultarr (Wuhl-wuhl)	E, W, C Australia; savanna, steppe; *

Family Myrmecobiidae

One species.

Myrmecobius*M. fasciatus*Numbat
(Banded anteater)S Australia; dry forest,
woodland; (*)

One species.

Family Thylacinidae***Thylacinus****T. cynocephalus*†Thylacine
(Tasmanian wolf)Tasmania; woodland;
? extinct; *

One species.

Family Notoryctidae***Notoryctes****N. typhlops*

Marsupial mole

S, W Australia; desert

Family Peramelidae

Bandicoots; 17 species; Australia, New Guinea; forest, (grassland).

Peroryctes*; New Guinea bandicoots; New Guinea.P. broadbenti*

Giant bandicoot

SE New Guinea

P. longicauda

Striped bandicoot

New Guinea

P. papuensis

Papuan bandicoot

SE New Guinea

P. raffrayanus

Raffray's bandicoot

New Guinea

Micropororyctes*M. murina*

Mouse-bandicoot

W New Guinea

Perameles*; long-nosed bandicoots; Australia.P. bougainville*

Marl

Bernier & Dorre Is,

(fasciata)

(Barred bandicoot)

W Australia,

† mainland Australia; *

P. eremiana†

Desert bandicoot

C Australia; desert

grassland; ? extinct

P. gunni

Gunn's bandicoot

SE Australia, Tasmania;

woodland

P. nasuta

Long-nosed bandicoot

E Australia; forest,

woodland

Echymipera*; spiny bandicoots; New Guinea, Australia.E. clara*

White-lipped bandicoot

W New Guinea

E. kalubu

Spiny bandicoot

New Guinea

E. rufescens

Rufescent bandicoot

New Guinea, N

Queensland;

forest

Rhyncholemes

<i>R. prattorum</i>	Ceram bandicoot	Ceram Island
<i>Isoodon</i> ; short-nosed bandicoots; Australia, S New Guinea.		
<i>I. auratus</i>	Golden bandicoot	C Australia
<i>I. macrourus</i>	Brindled bandicoot	NE, N Australia, S New Guinea
<i>I. obesulus</i>	Brown bandicoot	SE, SW Australia, Tasmania, N Queensland

Chaeropus

<i>C. ecaudatus</i> †	Pig-footed bandicoot	SW, S Australia; woodland, scrub, grassland; ? extinct; *
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Family Thylacomyidae

Rabbit-bandicoots; 2 species; Australia.

Macrotis

<i>M. lagotis</i>	Common rabbit-bandicoot (Bilby)	C, NW Australia; woodland, savanna; *
<i>M. leucura</i> †	Lesser rabbit-bandicoot	C Australia; sandhills; ? extinct; *

Family Phalangeridae

Phalangers; 11 species; Australia, New Guinea, (Celebes); forest.

Trichosurus; Australia; forest, woodland.

<i>T. arnhemensis</i>	Northern brush possum	NW Australia
<i>T. caninus</i>	Bobuck (Mountain possum)	E Australia; montane forest
<i>T. vulpecula</i>	Brush-tailed possum	Australia, Tasmania, [New Zealand]

Wyulda

<i>W. squamicaudata</i>	Scaly-tailed possum	NW Australia; woodland; *
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Phalanger; cuscuses; N Australia, New Guinea, Celebes; forest, scrub.

<i>P. celebensis</i>		Celebes, Molucca Is, etc.
<i>P. gymnotis</i>	Grey phalanger	Aru Is, New Guinea
<i>P. leucippus</i>		E New Guinea; ref. 1.7
<i>P. maculatus</i> (<i>atrimaculatus</i>)	Spotted phalanger	N Queensland, New Guinea; ref. 1.8; *
<i>P. orientalis</i>	Common phalanger	N Queensland, New Guinea, Ceram, Solomon Is; *

<i>P. ursinus</i>	Bear phalanger	Celebes, etc.
<i>P. vestitus</i>	Silky phalanger	New Guinea

Family Burramyidae

Pygmy possums; 7 species; Australia, New Guinea; forest; insectivores, nectar-feeders.

***Cercartetus*; (*Eudromicia*)**

<i>C. caudatus</i>	Long-tailed pygmy possum	NE Queensland, New Guinea; forest
<i>C. concinnus</i>	Southwestern pygmy possum	SW, S, SE Australia; dry forest
<i>C. lepidus</i>	Tasmanian pygmy possum	Tasmania, Kangaroo I, S Australia; dry forest; ref. 1.9
<i>C. nanus</i>	Eastern pygmy possum	SE Australia, Tasmania; forest

Distoechurus

<i>D. pennatus</i>	Feather-tailed possum	New Guinea; montane forest
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Acrobates

<i>A. pygmaeus</i>	Pygmy glider (Flying mouse)	E, SE Australia; dry forest
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Burramys

<i>B. parvus</i>	Mountain pygmy possum	Victoria, New South Wales; *
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Family Petauridae

Ringtails, gliding phalangers; c. 22 species; Australia, New Guinea; forest.

Gymnobelideus

<i>G. leadbeateri</i>	Leadbeater's possum	Victoria; wet forest; *
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Petaurus

<i>P. australis</i>	Fluffy glider	E Australia; coastal montane forest
<i>P. breviceps</i>	Sugar glider	E, N Australia, New Guinea; [Tasmania]
<i>P. norfolcensis</i>	Squirrel glider	E Australia

***Pseudochirus*; (*Hemibelideus*, *Petropseudes*); ringtails; Australia, New Guinea; forest.**

<i>P. alburtisi</i>	D'Albertis' ringtail	W New Guinea
<i>P. archeri</i>	Green ringtail	NE Queensland; rain forest

<i>P. canescens</i>	Lowland ringtail	New Guinea
<i>P. caroli</i>	Weyland Mountains ringtail	W New Guinea
<i>P. corinnae</i>	Eastern ringtail	New Guinea; montane forest
<i>P. cupreus</i>	Coppery ringtail	New Guinea; montane forest
<i>P. dahli</i>	Rock-haunting ringtail	N, NW Australia; rocks in savanna
<i>P. forbesi</i>	Moss-forest ringtail	New Guinea; montane forest
<i>P. herbertensis</i>	Mongan	NE Queensland; rain forest
<i>P. lemuroides</i>	Brushy-tailed ringtail	NE Queensland; rain forest
<i>P. mayeri</i>	Pygmy ringtail	New Guinea; montane forest
<i>P. peregrinus</i>	Common ringtail	E, SW Australia, Tasmania; forest
<i>P. schlegeli</i>	Arfak Mountains ringtail	W New Guinea
<i>Schoinobates</i>		
<i>S. volans</i>	Greater glider	E Australia; forest
<i>Dactylopsila</i>; (<i>Dactylonax</i>); striped possums;	New Guinea, (Australia); forest.	
<i>D. megalura</i>	Large-tailed possum	W New Guinea
<i>D. palpator</i>	Long-fingered possum	E New Guinea
<i>D. tatei</i>	Fergusson Island possum	Fergusson I (E of New Guinea)
<i>D. trivirgata</i>	Common striped possum	New Guinea, NE Queensland

Family Macropodidae

Kangaroos, wallabies; c. 57 species; Australia, New Guinea; steppe, savanna, forest; grazers, browsers.

Hypsiprymnodon

<i>H. moschatus</i>	Musk rat-kangaroo	NE Queensland; forest
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Potorous; potoroos; Australia; grass, scrub.

<i>P. platyops</i> †	Broad-faced potoroo	SW Australia; extinct
<i>P. tridactylus</i> (<i>apicalis</i>)	Potoroo	E, SE, SW Australia, Tasmania

Bettongia; Australia; steppe, dry woodland; *

<i>B. gaimardi</i> (<i>cuniculus</i>)	Eastern bettong	Tasmania, † E Australia
<i>B. lesueur</i>	Boodie	W, C Australia

<i>B. penicillata</i>	Woylie (Brush-tailed bettong)	SW Australia
<i>B. tropica</i> †	Northern rat-kangaroo	E Queensland; ? extinct
<i>Aepyprymnus</i>		
<i>A. rufescens</i>	Rufous rat-kangaroo	E Australia; forest, woodland
<i>Caloprymnus</i>		
<i>C. campestris</i> †	Desert rat-kangaroo	C Australia; desert; ? extinct; *
<i>Thylogale</i> ; pademelons, scrub wallabies; E Australia, New Guinea.		
<i>T. billardieri</i>	Red-bellied pademelon (Tasmanian wallaby)	Tasmania, † SE Australia; scrub
<i>T. bruijni</i>	Dusky wallaby	New Guinea, Bismarck Is.
<i>T. stigmatica</i>	Red-legged pademelon	E Australia, SE New Guinea; forest
<i>T. thetis</i>	Red-necked pademelon	E Australia; forest
<i>Petrogale</i> ; rock wallabies; Australia; rocks in forest and grassland.		
<i>P. brachyotis</i>	Short-eared rock wallaby	N Australia
<i>P. burbidgei</i>	Warabi	W Australia; ref. 1.10
<i>P. godmani</i>	Godman's rock wallaby	NE Australia
<i>P. penicillata</i> (<i>lateralis</i>)	Brush-tailed rock wallaby (Western rock wallaby)	Australia
<i>P. purpureicollis</i>	Purple-necked rock wallaby	W Queensland
<i>P. rothschildi</i>	Rothschild's rock wallaby	W Australia
<i>P. xanthopus</i>	Yellow-footed rock wallaby (Ring-tailed rock wallaby)	E, SE Australia
<i>Peradorcas</i>		
<i>P. concinna</i>	Little rock wallaby	N Australia
<i>Lagorchestes</i> ; hare-wallabies; Australia; grassland.		
<i>L. asomatus</i> †	Least hare-wallaby	NW Australia; extinct
<i>L. conspicillatus</i>	Spectacled hare-wallaby	N Australia
<i>L. hirsutus</i>	Western hare-wallaby	W, C Australia; *
<i>L. leporides</i> †	Eastern hare-wallaby	SE Australia; extinct
<i>Setonyx</i>		
<i>S. brachyurus</i>	Quokka	SW Australia; scrub
<i>Lagostrophus</i>		
<i>L. fasciatus</i>	Banded hare-wallaby	Bernier & Dorre Is, W Australia, † W, S Australia; *

<i>Macropus</i>; (<i>Megaleia</i>, <i>Protemnodon</i>); kangaroos, wallabies; Australia, New Guinea.		
<i>M. agilis</i>	River wallaby (Agile wallaby) (Sand wallaby)	N Australia, New Guinea; savanna
<i>M. antelopinus</i>	Antelope-kangaroo	N Australia; savanna
<i>M. bernardus</i> †	Bernard's wallaroo	N Australia; rocky savanna; extinct
<i>M. dorsalis</i>	Black-striped wallaby	E Australia; forest
<i>M. eugenii</i>	Tammar (Dama wallaby)	SW, S Australia; dry forest
<i>M. fuliginosus</i>	Western grey kangaroo	SW, S Australia; woodland
<i>M. giganteus</i>	Eastern grey kangaroo	E Australia, Tasmania; woodland
<i>M. greyi</i> †	Toolache	S Australia, ? extinct
<i>M. irma</i>	Western brush wallaby	SW Australia; scrub, dry forest
<i>M. parma</i>	Parma wallaby	SE Australia, [New Zealand]; forest, scrub; *
<i>M. parryi</i>	Whiptail (Pretty-face wallaby)	NE Australia; woodland
<i>M. robustus</i>	Wallaroo (Hill kangaroo)	Australia; rocky hills in forest, grassland & desert
<i>M. rufogriseus</i>	Red-necked wallaby (Bennett's wallaby)	E, SE Australia, Tasmania, [England]; scrub, woodland
<i>M. rufus</i>	Red kangaroo	Australia; grassland
<i>Wallabia</i>		
<i>W. bicolor</i>	Swamp wallaby	E Australia; forest, thicket
<i>Onychogalea</i>; nail-tailed wallabies; Australia; steppe, savanna.		
<i>O. fraenata</i>	Bridle nail-tailed wallaby	S Queensland; *
<i>O. lunata</i>	Crescent nail-tailed wallaby	C Australia; *
<i>O. unguifera</i>	Northern nail-tailed wallaby	N Australia
<i>Dendrolagus</i>; tree kangaroos; New Guinea, Queensland; forest.		
<i>D. bennettianus</i>	Bennett's tree kangaroo	NE Queensland; *
<i>D. dorianus</i>	Unicolored tree kangaroo	New Guinea
<i>D. goodfellowi</i> (<i>spadix</i>)	Ornate tree kangaroo	New Guinea
<i>D. inustus</i>	Grizzled tree kangaroo	W, N New Guinea; *

<i>D. lumholtzi</i>	Lumholtz's tree kangaroo	NE Queensland; *
<i>D. matschiei</i> (<i>deltae</i>)	Matschie's tree kangaroo	E New Guinea
<i>D. ursinus</i>	Vogelkop tree kangaroo	NW New Guinea; *
<i>Dorcopsis</i>; forest wallabies; New Guinea; forest.		
<i>D. atrata</i>	Black forest wallaby	Goodenough I, E New Guinea
<i>D. hageni</i>	Greater forest wallaby	N New Guinea
<i>D. veterum</i> (<i>muelleri</i>)	Common forest wallaby	New Guinea
<i>Dorcopsulus</i>; mountain wallabies; New Guinea; montane forest.		
<i>D. macleayi</i>	Papuan forest wallaby	E New Guinea
<i>D. vanheurni</i>	Lesser forest wallaby	New Guinea

Family Phascolarctidae

One species.

Phascolarctos

<i>P. cinereus</i>	Koala	E Australia; dry forest
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Family Vombatidae

Wombats; 3 species; E, S Australia, Tasmania.

Vombatus

<i>V. ursinus</i>	Common wombat	E Australia, Tasmania; forest, scrub
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Lasiorhinus

<i>L. krefftii</i> (<i>barnardi</i>) (<i>gillespiei</i>)	Queensland hairy-nosed wombat	S Queensland; *
<i>L. latifrons</i>	Southern hairy-nosed wombat	S Australia

Family Tarsipedidae

One species.

Tarsipes

<i>T. spencerae</i>	Honey possum	SW Australia
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ORDER EDENTATA

Edentates; c. 29 species; S, C, (N) America; forest – grassland; predators on invertebrates, (herbivores).

Family Myrmecophagidae

American anteaters; 4 species; S, C America; forest, savanna; terrestrial and arboreal ant-eaters.

Myrmecophaga

<i>M. tridactyla</i>	Giant anteater	N Argentina – Guatemala; forest, savanna; *
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Tamandua; collared anteaters; S, C America; ref. 2.1.

<i>T. mexicana</i>		S Mexico – Peru, Venezuela
<i>T. tetradactyla</i> (<i>longicaudata</i>)		Venezuela – Uruguay; (*)

Cyclopes

<i>C. didactylus</i>	Pygmy anteater (Silky anteater)	S Mexico – Bolivia, Brazil; forest
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Family Bradypodidae

Sloths; 5 species; S, C America; forest; arboreal herbivores; ref. 2.2.

Bradypus; three-toed sloths.

<i>B. torquatus</i>	Maned sloth	SE Brazil; *
<i>B. tridactylus</i>	Pale-throated sloth	Guianas, etc.
<i>B. variegatus</i> (<i>boliviensis</i>)	Brown-throated sloth (Grey three-toed sloth)	Honduras – N Argentina; (*)
(<i>griseus</i>)		
(<i>infuscatus</i>)		

Choloepus; two-toed sloths.

<i>C. didactylus</i>		Amazon Basin – Venezuela, Guianas
<i>C. hoffmanni</i>		Nicaragua – Ecuador

Family Dasypodidae

Armadillos; c. 20 species; S, (C, N) America; grassland, savanna, (forest); terrestrial; mainly predators on invertebrates.

Euphractus; (*Chaetophractus*); hairy armadillos, etc.; ref. 2.3.

<i>E. nationi</i>		W Bolivia, NW Argentina
<i>E. sexcinctus</i>	Six-banded armadillo	Uruguay – Surinam, E of Andes
<i>E. vellerosus</i>		Bolivia, Argentina

<i>E. villosus</i>		C Argentina
Zaedyus		
<i>Z. pichiy</i>	Pichis	Argentina, Chile, etc.; grassland
Priodontes		
<i>P. maximus</i> (<i>giganteus</i>)	Giant armadillo	Venezuela – N Argentina; *
Cabassous ; naked-tailed armadillos; S, (C) America.		
<i>C. centralis</i>		Guatemala – Panama
<i>C. tatouay</i>		N Argentina – S Brazil, Uruguay
<i>C. unicinctus</i>		Guyana – N Argentina
Tolypeutes ; three-banded armadillos.		
<i>T. matacus</i>		Bolivia – Argentina
<i>T. tricinctus</i>		NE, C Brazil; *
Dasypus ; long-nosed armadillos.		
<i>D. hybridus</i>		C Argentina, Uruguay – S Brazil
<i>D. kappleri</i>		Peru – Surinam
<i>D. mazzai</i>		NE Argentina
<i>D. novemcinctus</i>	Nine-banded armadillo	Uruguay – SE USA
<i>D. pilosus</i>	Hairy long-nosed armadillo	Ecuador – Peru; montane Venezuela; ref. 2.4
<i>D. sabanicola</i>		E, C Brazil
<i>D. septemcinctus</i>		
Chlamyphorus		
<i>C. truncatus</i>	Pink fairy armadillo	CW Argentina; steppe; *
Calyptophractus ; (<i>Burmeisteria</i>).		
<i>C. retusus</i>	Burmeister's armadillo	Bolivia – N Argentina; grassland; *

ORDER INSECTIVORA

Insectivores; c. 344 species; Eurasia, Africa, Madagascar, N, C, (S) America; terrestrial, subterranean; predators on insects and other invertebrates.

Family Solenodontidae

Solenodons; 2 species; Cuba, Hispaniola; terrestrial omnivores.

Solenodon; (*Atopogale*).

<i>S. cubanus</i>	Cuban solenodon	Cuba; *
<i>S. paradoxus</i>	Haitian solenodon	Hispaniola; *

Family Tenrecidae

Tenrecs, otter-shrews; c. 33 species; Madagascar, W, C Africa; terrestrial, (fresh-water) predators on invertebrates; ref. 3.1.

***Tenrec*; (*Centetes*).**

<i>T. ecaudatus</i>	Tail-less tenrec	Madagascar, Comoro Is; dry forest
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***Setifer*; (*Ericulus*).**

<i>S. setosus</i>	Greater hedgehog-tenrec	Madagascar; forest, scrub
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Hemicentetes

<i>H. semispinosus</i> (<i>nigriceps</i>)	Streaked tenrec	Madagascar; forest, scrub
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Dasogale

<i>D. fontoynonti</i>		E Madagascar; forest
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Echinops

<i>E. telfairi</i>	Lesser hedgehog-tenrec	SW Madagascar; dry forest
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***Oryzorictes*; (*Nesoryctes*); mole-tenrecs (rice tenrecs); Madagascar; wet forest, fields.**

<i>O. hova</i>	C Madagascar
<i>O. talpoides</i>	NW Madagascar
<i>O. tetradactylus</i>	C Madagascar

***Microgale*; (*Leptogale*, *Nesogale*, *Paramicrogale*); shrew-tenrecs; Madagascar; forest; taxonomy very provisional.**

<i>M. brevicaudata</i>	NE Madagascar
<i>M. cowani</i>	E Madagascar
<i>M. crassipes</i>	C Madagascar
<i>M. decaryi</i>	S Madagascar
<i>M. dobsoni</i>	N Madagascar
<i>M. drouhardi</i>	N, SE Madagascar
<i>M. gracilis</i>	S Madagascar
<i>M. longicaudata</i>	E Madagascar
<i>M. longirostris</i>	SE Madagascar
<i>M. majori</i>	E Madagascar
<i>M. melanorrhachis</i>	E Madagascar
<i>M. occidentalis</i>	W Madagascar
<i>M. parvula</i>	N Madagascar
<i>M. principula</i>	SE Madagascar
<i>M. prolixicaudata</i>	N Madagascar
<i>M. pusilla</i>	Madagascar
<i>M. sorella</i>	N Madagascar
<i>M. taiva</i>	SE Madagascar

<i>M. talazaci</i>		E Madagascar
<i>M. thomasi</i>		E Madagascar
<i>Limnogale</i>		
<i>L. mergulus</i>	Web-footed tenrec	Madagascar; streams
<i>Geogale</i>; (<i>Cryptogale</i>).		
<i>G. aurita</i>		NE, SW Madagascar
<i>Potamogale</i>		
<i>P. velox</i>	Giant otter-shrew	C Africa; freshwater in forest
<i>Micropotamogale</i>		
<i>M. lamottei</i>	Nimba otter-shrew	Guinea, etc.; montane streams
<i>M. ruwenzorii</i>	Ruwenzori otter-shrew	Ruwenzori – L Kivu; montane streams

Family Chrysochloridae

Golden moles; c. 17 species; S Africa to Cameroun and Somalia; desert to forest; subterranean predators; taxonomy very provisional, especially at generic level.

Chrysochloris

<i>C. asiatica</i>	Cape golden mole	W Cape Province
<i>C. stuhlmanni</i> (<i>fosteri</i>)	Stuhlmann's golden mole	E Africa

Eremitalpa

<i>E. granti</i>	Grant's desert golden mole	SW Africa; coastal desert
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Calcochloris; (*Amblysomus*).

<i>C. obtusirostris</i>	Yellow golden mole	S Africa
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Cryptochloris

<i>C. wintoni</i>	De Winton's golden mole	W Cape Province; desert
<i>C. zyli</i>	Van Zyl's golden mole	SW Cape Province

Amblysomus

<i>A. gunningi</i>	Gunning's golden mole	Transvaal; montane forest
<i>A. hottentotus</i>	Hottentot golden mole	S Africa
<i>A. irus</i>	Zulu golden mole	SE Africa
<i>A. julianae</i>		Transvaal; *

Chlorotalpa

<i>C. arendsi</i>	Arend's golden mole	E Rhodesia; montane
<i>C. duthiae</i>	Duthie's golden mole	S Cape Province
<i>C. leucorrhina</i>	Congo golden mole	WC Africa
<i>C. sclateri</i>	Sclater's golden mole	S Africa
<i>C. tytonis</i>	Somali golden mole	Somalia

Chrysospalax

<i>C. trevelyani</i>	Giant golden mole	SE Cape Province; forest; *
<i>C. villosus</i>	Rough-haired golden mole	SE Africa; grassland

Family Erinaceidae

Hedgehogs, moonrats; c. 17 species; Eurasia (except boreal zones), Africa; forest to desert; terrestrial predators on invertebrates.

***Echinosorex*; (*Gymnurus*).**

<i>E. gymnurus</i>	Moonrat	Malaya, Sumatra, Borneo; forest
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Hylomys

<i>H. suillus</i>	Lesser moonrat	Burma – Malaya, Sumatra, Java, Borneo; forest
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Podogymnura

<i>P. truei</i>	Mindanao moonrat	Mindanao, Philippines; forest; *
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Neotetracus

<i>N. sinensis</i>	Shrew-hedgehog	S China, Indochina; forest
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Neohylomys

<i>N. hainanensis</i>	Hainan moonrat	Hainan I, China; ref. 3.2
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***Erinaceus*; (*Aethechinus*, *Atelerix*); woodland hedgehogs; Europe, N Asia, Africa.**

<i>E. albiventris</i>	Four-toed hedgehog	Senegal – Zambezi; savanna
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<i>E. algirus</i>	Algerian hedgehog	NW Africa, [SW Europe]; scrub, steppe
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<i>E. amurensis</i>	Manchurian hedgehog	Manchuria, etc.; forest, grassland
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<i>E. concolor</i>	E European hedgehog	SE Europe – Syria
<i>E. europaeus</i>	W European hedgehog	W, N Europe, [New Zealand]; forest, grassland

<i>E. frontalis</i>	S African hedgehog	S Africa – Zambezi; savanna; *
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<i>E. sclateri</i>	Somali hedgehog
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***Hemiechinus*; steppe hedgehogs; W, C Asia.**

<i>H. auritus</i>	Long-eared hedgehog	Libya – Mongolia & NW India
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<i>H. dauricus</i>	Daurian hedgehog	E of Gobi Desert; dry steppe
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Paraechinus; desert hedgehogs; Sahara to India.

<i>P. aethiopicus</i>	Desert hedgehog	Sahara, Arabia; desert
<i>P. hypomelas</i>	Brandt's hedgehog	Iran, Turkestan – Pakistan; desert, dry steppe
<i>P. micropus</i>	Indian hedgehog	NW, SW India

Family Soricidae

Shrews; c. 246 species; Eurasia, Africa, N America to northern S America; forest to desert; terrestrial (or partially aquatic) insectivores.

Sorex; red-toothed shrews; N America, N Eurasia; tundra, forest.

<i>S. alaskanus</i>	Glacier Bay water shrew	S Alaska
<i>S. alpinus</i>	Alpine shrew	Europe; montane forest
<i>S. araneus</i>	Eurasian common shrew	Europe – R Yenesei; forest, tundra; ref. 3.3
<i>S. arcticus</i>	Arctic shrew	Siberia, Canada, N USA; wet forest
<i>S. arizonae</i>	Arizona shrew	SE Arizona, etc.; montane; ref. 3.4
<i>S. asper</i>	Tien Shan shrew	C Asia; montane
<i>S. bedfordiae</i>	Lesser striped shrew	Kansu – Himalayas; montane forest
<i>S. bendirii</i>	Pacific water shrew	W coast USA; wet forest
<i>S. buchariensis</i>	Pamir shrew	Tibet etc.; ref. 3.5
<i>S. caecutiens</i>	Laxmann's shrew	E Europe – Japan; con. forest, tundra
<i>S. caucasicus</i>	Caucasian shrew	Caucasus, etc.
<i>S. cinereus</i>	Masked shrew	N USA, Canada, NE Siberia; forest, tundra
<i>S. coronatus</i>		France, etc.; sibling with <i>S. araneus</i> ; ref. 3.3
<i>S. cylindricauda</i>	Greater striped shrew	Szechuan, China; montane forest
<i>S. daphaenodon</i>	Large-toothed Siberian shrew	Siberia, NE China; con. forest, tundra
<i>S. dispar</i>	Long-tailed shrew	NE USA
<i>S. fumeus</i>	Smoky shrew	SE Canada, NE USA
<i>S. gaspensis</i>	Gaspé shrew	Gaspé Peninsula, Quebec
<i>S. gracillimus</i>	Slender shrew	NE Asia, N Japan
<i>S. granarius</i>		Spain; sibling with <i>S. araneus</i> ; ref. 3.3
<i>S. hosonoi</i>	Azumi shrew	C Honshu, Japan; montane
<i>S. jacksoni</i>	St Lawrence Island shrew	St Lawrence I, Alaska
<i>S. juncensis</i>	Tule shrew	Baja California, Mexico

<i>S. longirostris</i>	Southeastern shrew	SE USA
<i>S. lyelli</i>	Mount Lyell shrew	California; montane
<i>S. macrodon</i>	Large-toothed shrew	Veracruz, Mexico; forest
<i>S. merriami</i>	Merriam's shrew	W USA; high steppe
<i>S. milleri</i>	Carmen Mountain shrew	NE Mexico; montane
<i>S. minutissimus</i>	Least shrew	Scandinavia, Siberia, S China, Japan; con. forest
<i>S. minutus</i>	Eurasian pygmy shrew	Europe – Himalayas; forest, tundra
<i>S. mirabilis</i>	Giant shrew	E Siberia, N Korea
<i>S. monticolus</i> (<i>obscurus</i>)	Dusky shrew	Alaska, W Canada, W USA, NW Mexico; tundra, forest; ref. 3.6
<i>S. nanus</i>	Dwarf shrew	Wyoming – New Mexico; montane
<i>S. oreopolis</i>	Mexican long-tailed shrew	Mexico; montane
<i>S. ornatus</i>	Ornate shrew	California, W Mexico
<i>S. pacificus</i>	Pacific shrew	W USA; coastal forest
<i>S. palustris</i>	American water shrew	Canada, USA; wet forest
<i>S. planiceps</i>	Kashmir shrew	W Himalayas; ref. 3.5
<i>S. preblei</i>	Preble's shrew	E Oregon, USA
<i>S. pribilofensis</i>	Pribilof shrew	St Paul I, Alaska
<i>S. raddei</i>	Radde's shrew	Caucasus, etc.
<i>S. saussurei</i>	Saussure's shrew	C Mexico – Guatemala; montane
<i>S. sclateri</i>	Sclater's shrew	Chiapas, SE Mexico
<i>S. sinalis</i> (<i>isodon</i>)		N Europe – N China; con. forest
<i>S. sinuosus</i>	Suisun shrew	Grizzly I, California
<i>S. stizodon</i>	San Cristobal shrew	Chiapas, SE Mexico
<i>S. tenellus</i>	Inyo shrew	California, Nevada
<i>S. trowbridgei</i>	Trowbridge's shrew	W coast USA; forest
<i>S. unguiculatus</i>	Long-clawed shrew	E Siberia, N Japan
<i>S. vagrans</i>	Vagrant shrew	W USA, S Mexico; marsh, wet forest; ref. 3.6
<i>S. veraepacis</i>	Verapaz shrew	SE Mexico; montane
<i>S. vir</i>	Flat-skulled shrew	E Siberia

Microsorex; American pygmy shrews; N America.

<i>M. hoyi</i>	Hoy's pygmy shrew	Canada, etc.; con. forest
<i>M. thompsoni</i>	Thompson's pygmy shrew	SE Canada, NE USA; forest

Soriculus; (*Chodsigoa*, *Episoriculus*); mountain shrews; Himalayas, China; montane forest.

<i>S. caudatus</i>	Hodgson's brown-toothed shrew	Himalayas, Indochina
<i>S. fumidus</i>		Taiwan
<i>S. gruberi</i>	Gruber's shrew	Nepal
<i>S. hypsibius</i>	De Winton's shrew	China
<i>S. leucops</i>	Indian long-tailed shrew	Himalayas, S China
<i>S. lowei</i>	Lowe's shrew	Indochina
<i>S. nigrescens</i>	Himalayan shrew	Himalayas – N Burma
<i>S. salenskii</i>	Salenski's shrew	S China, etc.
<i>S. smithi</i>	Smith's shrew	S China

Neomys; Eurasian water shrews; N Eurasia; wet forest, streams, marshes.

<i>N. anomalus</i>	Southern water shrew	S, E Europe
<i>N. fodiens</i>	Eurasian water shrew	Europe, N Asia
<i>N. schelkovnikovi</i>	Transcaucasian water shrew	Armenia, Georgia

Blarina; American short-tailed shrews; E N America; forest, grassland.

<i>B. brevicauda</i>	Northern short-tailed shrew	E USA, SE Canada
<i>B. carolinensis</i>	Southern short-tailed shrew	SE USA
<i>B. telmalestes</i>	Swamp short-tailed shrew	Virginia, USA; coastal swamp

Blarinella

<i>B. quadraticauda</i>	Chinese short-tailed shrew	S China; montane forest
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Cryptotis; small-eared shrews; E USA – Ecuador, Surinam; forest, (grassland); ref. 3.7.

<i>C. avia</i>		Colombia
<i>C. endersi</i>	Ender's small-eared shrew	W Panama
<i>C. goldmani</i>		S Mexico; wet montane forest
<i>C. goodwini</i>	Goodwin's small-eared shrew	S Guatemala; montane forest
<i>C. gracilis</i>	Talamancan small-eared shrew	Honduras – Panama; forest
<i>C. magna</i>	Big small-eared shrew	Oaxaca, S Mexico; montane forest
<i>C. mexicana</i>	Mexican small-eared shrew	S, E Mexico; wet montane forest
<i>C. montivaga</i>		S Ecuador
<i>C. nigrescens</i>	Blackish small-eared shrew	S Mexico – Panama; scrub, forest
<i>C. parva</i>	American least shrew	C, E USA – Panama; grassland, scrub, forest

<i>C. squamipes</i>		W Colombia
<i>C. surinamensis</i>		Surinam
<i>C. thomasi</i>		Ecuador – Venezuela
<i>Notiosorex</i>		
<i>N. crawfordi</i>	Desert shrew (Grey shrew)	SW USA, Mexico; semidesert scrub
<i>N. phillipsi</i>	Oaxaca desert shrew	Oaxaca, Mexico; montane
<i>Megasorex</i>; (<i>Notiosorex</i>).		
<i>M. gigas</i>	Giant Mexican shrew	SW Mexico; forest
<i>Crocidura</i>; (<i>Praesorex</i>); white-toothed shrews; Eurasia, Africa; forest to semi-desert; taxonomy very provisional in some areas; ref. 3.8 (Oriental Region).		
<i>C. aequicauda</i>		Sumatra, Malaya
<i>C. alex</i>		Kenya, N Tanzania
<i>C. andamanensis</i>		S Andaman I, Indian Ocean
<i>C. arethusa</i>		N Nigeria
<i>C. attenuata</i>		Himalayas – S China, Taiwan
<i>C. baileyi</i>		Ethiopia; montane
<i>C. beatus</i>		Mindanao, Philippines
<i>C. beccarii</i>		Sumatra
<i>C. bicolor</i>		Sudan – S Africa; savanna, etc.
<i>C. bloyeti</i>		C Tanzania
<i>C. bottegi</i>		W Africa, Ethiopia, N Kenya
<i>C. bovei</i>		Zaire
<i>C. butleri</i>		Sudan, N Kenya, S Somalia
<i>C. buettikoferi</i>		W Africa; forest
<i>C. caliginea</i>		NE Zaire; forest
<i>C. cinderella</i>		Gambia, ? Mali
<i>C. congobelgica</i>		NE Zaire
<i>C. crenata</i>		Gabon
<i>C. crossei</i>		Nigeria – Ivory Coast; forest
<i>C. cyanea</i>		Ethiopia – S Africa
<i>C. denti</i>		C Africa
<i>C. dolichura</i>		W, C Africa
<i>C. douceti</i>		Ivory Coast, Guinea
<i>C. dzinezumi</i>		Japan except Hokkaido, ? Taiwan
<i>C. edwardsiana</i>		Jolo I, Philippines
<i>C. eisentrauti</i>		Mt Cameroun

<i>C. elgonius</i>		Kenya, N Tanzania
<i>C. elongata</i>		Celebes
<i>C. erica</i>		W Angola
<i>C. fischeri</i>		S Ethiopia – Zaire
<i>C. flavescens</i> (<i>occidentalis</i>)		Africa except NW; savanna, forest
<i>C. floweri</i>	Flower's shrew	Egypt
<i>C. foucauldi</i>		Morocco
<i>C. foxi</i>		Nigeria – Ghana; Guinea savanna
<i>C. fuliginosa</i> (<i>malayana</i>)		S China – Malaya, Sumatra, Java, Borneo, Celebes
<i>C. fumosa</i>		E Africa; montane forest
<i>C. glassi</i>		Harar, Ethiopia; montane
<i>C. gracilipes</i>		W, E, S Africa
<i>C. grandis</i>		Mindanao, Philippines
<i>C. grassei</i>		C Africa
<i>C. grayi</i>		Luzon, Philippines
<i>C. greenwoodi</i>		S Somalia
<i>C. gueldenstaedti</i>		W Asia, Crete
<i>C. halconis</i>		Mindoro, Philippines
<i>C. hirta</i>		S Africa – S Somalia
<i>C. hispida</i>	Andaman spiny shrew	Middle Andaman I, Indian Ocean
<i>C. horsfieldi</i>		Sri Lanka, Indochina, Hainan, Taiwan, Ryukyu Is
<i>C. jacksoni</i>		E Africa
<i>C. kivuana</i>		Kivu, E Zaire
<i>C. lamottei</i>		Ivory Coast
<i>C. lanosa</i>		E Zaire, Rwanda
<i>C. lasia</i>		Asia Minor, etc.
<i>C. lasiura</i>		Korea – Ussuri
<i>C. latona</i>		E Zaire
<i>C. lea</i>		Celebes
<i>C. lepidura</i>		Sumatra
<i>C. leucodon</i>		C, S Europe – Israel
<i>C. levicula</i>		Celebes
<i>C. luluae</i>		S Zaire
<i>C. luna</i>		Angola – Ethiopia; savanna
<i>C. lusitania</i>		W Sahara
<i>C. macarthuri</i>		Kenya
<i>C. macowi</i>		Mt Nyiro, N Kenya

<i>C. maquassiensis</i>		Transvaal, Rhodesia; *
<i>C. mariquensis</i>		S Africa – Zambia
<i>C. maurisca</i>		Uganda, Kenya
<i>C. mindorus</i>		Mindoro, Negros, Philippines
<i>C. miya</i>	Ceylon long-tailed shrew	Sri Lanka
<i>C. monax</i>		E Africa; montane
<i>C. monticola</i>		Borneo, Java – Flores
<i>C. mutesae</i>		Uganda
<i>C. nana</i>		Somalia, Ethiopia, ? Egypt
<i>C. nanilla</i>		W, E Africa
<i>C. neglecta</i>		Sumatra
<i>C. nicobarica</i>		Gt Nicobar I, Indian Ocean
<i>C. nigricans</i>		Angola
<i>C. nigripes</i>		Celebes
<i>C. nigrofusca</i>		Zaire
<i>C. nimbae</i>		Ivory Coast, Liberia
<i>C. niobe</i>		Ruwenzori, Uganda
<i>C. odorata</i> (<i>goliath</i>)		W Africa
<i>C. palawanensis</i>		Palawan, Philippines
<i>C. paradoxura</i>		Sumatra
<i>C. parvacauda</i>		Mindanao, Philippines
<i>C. pasha</i>		Sudan – Mali; savanna
<i>C. pergrisea</i>		Asia Minor – Tien Shan; montane
<i>C. phaeura</i>		S Ethiopia
<i>C. picea</i>		Cameroun
<i>C. pitmani</i>		Zambia
<i>C. planiceps</i>		N Uganda, S Sudan
<i>C. poensis</i>		W, C Africa
<i>C. religiosa</i>	Egyptian pygmy shrew	Egypt
<i>C. rhoditis</i>		Celebes
<i>C. roosevelti</i>		Uganda – Angola
<i>C. russula</i>		C, S Europe, N Africa
<i>C. sansibarica</i>		Zanzibar, Pemba I
<i>C. sericea</i>		S Kenya – S Morocco; steppe
<i>C. sibirica</i>		C Asia
<i>C. sicula</i>		Sicily
<i>C. somalica</i>		Somalia
<i>C. suahelae</i>		Kenya, Tanzania
<i>C. suaveolens</i>		SW Europe, N Africa – Korea, China, Taiwan
<i>C. susiana</i>		SW Iran; steppe; ref. 3.9

<i>C. tenuis</i>	Timor
<i>C. tephra</i>	S Sudan
<i>C. theresae</i>	W Africa
<i>C. trichura</i>	Christmas I, Indonesia
<i>C. turba</i>	Zambia - N Angola
<i>C. vosmaeri</i>	Bangka I, Sumatra
<i>C. vulcani</i>	Mt Cameroun
<i>C. weberi</i>	Sumatra
<i>C. whitakeri</i>	NW Africa
<i>C. wimmeri</i>	W Africa
<i>C. xantippe</i>	Kenya, Tanzania
<i>C. zaodon</i>	Zambia - S Sudan, ? W Africa
<i>C. zaphiri</i>	Kenya, S Ethiopia
<i>C. zarudnyi</i>	Afghanistan, Baluchistan
<i>C. zimmeri</i>	S Zaire

***Suncus*; (*Pachyura*, *Podihik*); Africa, S Eurasia; forest, scrub, savanna.**

<i>S. ater</i>	Black shrew	Mt Kinabalu, Borneo
<i>S. dayi</i>		S India
<i>S. etruscus</i>	Pygmy white-toothed shrew	Mediterranean - India, Sri Lanka; scrub, etc.
<i>S. hosei</i>		Sarawak, Borneo
<i>S. infinitessimus</i>		S Africa - Kenya, ? W Africa
<i>S. lixus</i>		Kenya - Angola, Transvaal
<i>S. luzoniensis</i>		Luzon, Philippines
<i>S. malayanus</i>		Malaya, Borneo
<i>S. mertensi</i>		Flores; ref. 3.10
<i>S. murinus</i>	House shrew	S Asia, (E Africa); commensal
<i>S. occultidens</i>		S Philippines
<i>S. palawanensis</i>		Palawan, Philippines
<i>S. remyi</i>		Gabon
<i>S. stoliczkanus</i>		India
<i>S. varilla</i>		S Africa - Tanzania, Zaire

Feroculus

<i>F. feroculus</i>	Kelaart's long-clawed shrew	Sri Lanka; montane forest
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Solisorex

<i>S. pearsoni</i>	Pearson's long-clawed shrew	Sri Lanka; montane
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Paracrocidura

<i>P. schoutedeni</i>		Cameroun - Ruwenzori
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***Sylvisorex*; (*Suncus*); Africa; forest, grassland.**

<i>S. granti</i>	Cameroun – E Africa; montane
<i>S. johnstoni</i>	Cameroun, Gabon, Fernando Poo
<i>S. lunaris</i>	C Africa; montane
<i>S. megalura</i>	W, C, E Africa
<i>S. morio</i>	Mt Cameroun, Fernando Poo
<i>S. ollula</i>	Cameroun – Zaire
<i>S. suncoides</i>	C Africa; montane

***Myosorex*; (*Surdisorex*); mouse-shrews; C, S Africa; forest.**

<i>M. blarina</i>	C Africa; montane
<i>M. cafer</i>	S Africa
<i>M. eisentrauti</i>	Cameroun, Fernando Poo
<i>M. geata</i>	Tanzania
<i>M. longicaudatus</i>	Knysna, S Africa; ref. 3.11
<i>M. narae</i>	Aberdare Mts, Kenya
<i>M. polli</i>	Kasai, Zaire
<i>M. polulus</i>	Mt Kenya; montane scrub
<i>M. preussi</i>	Mt Cameroun
<i>M. varius</i>	S Africa

Diplomesodon

<i>D. pulchellum</i>	Piebald shrew	Russian Turkestan; desert
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Anourosorex

<i>A. squamipes</i>	Mole-shrew	S China – N Thailand, Taiwan; montane forest
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***Chimarrogale*; (*Crossogale*); oriental water shrews; E Asia; montane streams.**

<i>C. himalayica</i>	Himalayas, Malaya, S China,
(<i>platycephala</i>)	Taiwan, Japan
<i>C. phaeura</i>	Sumatra, Borneo
<i>C. styani</i>	Szechuan, China

Nectogale

<i>N. elegans</i>	Elegant water shrew	Sikkim – Shensi; montane streams
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Scutisorex

<i>S. somereni</i>	Armoured shrew	C Africa; forest
(<i>congicus</i>)		

Family Talpidae

Moles, shrew-moles, desmans; c. 29 species; Eurasia, N America; mainly subterranean in forest and wet grassland, some aquatic; predators on invertebrates.

Uropsilus; (*Nasillus*, *Rhynchosonax*).

<i>U. soricipes</i>	Chinese shrew-mole	S China, N Burma; montane
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Desmana

<i>D. moschata</i>	Russian desman	European Russia; rivers; *
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Galemys

<i>G. pyrenaicus</i>	Pyrenean desman	Pyrenees, Iberia; rivers; *
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Talpa; (*Mogera*, *Parascaptor*, *Scaptochirus*); Eurasian moles; Eurasia; subterranean in forest and grassland.

<i>T. altaica</i>	Siberian mole	W, C Siberia
<i>T. caeca</i>	Mediterranean mole	S Europe – Caucasus
<i>T. caucasica</i>	Caucasian mole	Caucasus
<i>T. europaea</i>	European mole	Europe, W Siberia
<i>T. latouchei</i>		SE China, Hainan
<i>T. leucura</i>		Assam
<i>T. micrura</i> (<i>klossi</i>)		Nepal – S China – Malaya
<i>T. mizura</i>	Japanese mountain mole	Honshu, Japan
<i>T. moschata</i>	Short-faced mole	E China
<i>T. robusta</i>	Large Japanese mole	Japan, Korea, etc.
<i>T. romana</i>	Roman mole	Italy, Balkans
<i>T. streeti</i>	Persian mole	NW Iran
<i>T. wogura</i>	Japanese mole	Japan

Scaptonyx

<i>S. fusicaudus</i>	Long-tailed mole	S China, N Burma; montane
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Neurotrichus

<i>N. gibbsi</i>	American shrew-mole	W coast USA; wet forest
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Urotrichus; (*Dymecodon*).

<i>U. pilirostris</i>	Lesser Japanese shrew-mole	Japan; montane forest
<i>U. talpoides</i>	Greater Japanese shrew-mole	Japan

Scapanulus

<i>S. oweni</i>	Kansu mole	C China; montane forest
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Parascalops

<i>P. breweri</i>	Hairy-tailed mole	NE USA, SE Canada
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Scapanus; western moles; W USA; wet forest, grassland.

<i>S. latimanus</i>	Broad-footed mole	California, etc.
<i>S. orarius</i>	Coast mole	W USA
<i>S. townsendi</i>	Townsend's mole	W coast USA
<i>Scalopus</i>		
<i>S. aquaticus</i>	Eastern American mole	C, E USA
<i>S. inflatus</i>	Tamaulipan mole	NE Mexico
<i>S. montanus</i>	Coahuilan mole	NE Mexico; montane
<i>Condylura</i>		
<i>C. cristata</i>	Star-nosed mole	NE USA, SE Canada

ORDER SCANDENTIA

One family, variously included in the Insectivora or Primates, or associated with the Macroscelidea, but probably better treated as a separate order.

Family Tupaiidae

Tree shrews; c. 16 species; SE Asia; forest; arboreal insectivores.

Tupaia

<i>T. dorsalis</i>	Striped tree shrew	Borneo
<i>T. glis</i> <i>(belangeri)</i>	Common tree shrew	Nepal – S China – Malaya, Sumatra, Java, Borneo; possibly more than one species
<i>T. gracilis</i>	Slender tree shrew	Borneo
<i>T. javanica</i>	Javan tree shrew	Java, Sumatra
<i>T. minor</i>	Pygmy tree shrew	Malaya, Sumatra, Borneo
<i>T. montana</i>	Mountain tree shrew	Borneo; montane
<i>T. nicobarica</i>	Nicobar tree shrew	Nicobar Is, Indian Ocean
<i>T. palawanensis</i>	Palawan tree shrew	Palawan, etc., Philippines
<i>T. picta</i>	Painted tree shrew	Borneo
<i>T. splendidula</i>	Ruddy tree shrew (Red-tailed tree shrew)	S Borneo; lowland
<i>T. tana</i>	Large tree shrew	Borneo

Anathana

<i>A. elliotti</i>	Madras tree shrew	S, C India
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Dendrogale

<i>D. melanura</i>	Bornean smooth-tailed tree shrew	Borneo; montane
<i>D. murina</i>	Northern smooth-tailed tree shrew	S Indochina

Urogale

U. everetti Philippine tree shrew Mindanao, Philippines

Ptilocercus

P. lowi Pen-tailed tree shrew Malaya, Sumatra, W,
N Borneo

ORDER DERMOPTERA

One family.

Family Cynocephalidae

Flying lemurs (colugos); 2 species; SE Asia; forest; arboreal, gliding, herbivores.

***Cynocephalus*; (*Galeopithecus*).**

<i>C. variegatus</i>	Malayan flying lemur	Indochina – Java, Borneo
<i>C. volans</i>	Philippine flying lemur	Philippines

ORDER CHIROPTERA

Bats; c. 950 species; worldwide.

SUBORDER MEGACHIROPTERA**Family Pteropodidae**

Fruit bats, flying foxes; c. 173 species; Old-world tropics and subtropics: Africa S Asia to Australia, W Pacific Islands; mainly forest, rarely in caves; frugivorous, nectarivorous; ref. 4.16.

Subfamily Pteropodinae***Eidolon***

<i>E. helvum</i>	Straw-coloured fruit bat	Africa S of Sahara, Ethiopia, SW Arabia, Madagascar
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***Rousettus*; rousettes; Africa, S Asia – Solomon Is.**

<i>R. aegyptiacus</i>	Egyptian rousette	S Africa – Senegal, Ethiopia, Egypt – Lebanon – Pakistan, Cyprus
<i>R. amplexicaudatus</i>	Geoffroy's rousette	S Burma – Solomon Is, Philippines
<i>R. celebensis</i>	Celebes rousette	Celebes, Sanghir Is
<i>R. lanosus</i>	Ruwenzori long-haired rousette	S Ethiopia – Tanzania

R. leschenaulti

Pakistan – Thailand –
S China; Sri Lanka
Madagascar; ref. 4.17
Comoro Is; ref. 4.123
New Guinea

R. madagascariensis

R. oblivious

R. stresemanni

Lissonycteris

L. angolensis

Bocage's fruit bat

Guinea – Kenya, Angola,
Rhodesia, Zambia,
Mozambique

Myonycteris; ref. 4.18.

M. brachycephala São Tomé collared fruit
bat

São Tomé I, Gulf of
Guinea

M. torquata Little collared fruit
bat

Sierra Leone – Angola,
Zambia

Boneia

B. bidens

N Celebes

Pteropus; flying foxes; Madagascar, SE Asia, N Australia, islands of Indian Ocean and W Pacific.

P. admiraltatum Admiralty flying fox
P. alecto Central flying fox

Admiralty Is – Solomons
Celebes – S New Guinea,

NW, N, NE Australia
New Hebrides, SW Pacific;
ref. 4.19, 20

P. anetianus

Celebes, ? Amboina I

P. argentatus

C Celebes

P. arquatus

Balut I, Sarangani Is,
S Philippines

P. balutus

Percy I, off E Queensland;
perhaps applied to a
vagrant

P. brunneus

P. hypomelanus

Celebes, N Moluccas, etc.

P. chrysoproctus Sanghir Is, S Moluccas

P. cognatus

Solomons

P. conspicillatus

N Moluccas, New Guinea
– NE Queensland

P. dasymallus

S Japan, Ryukyu Is,
Taiwan

P. faunulus

Car Nicobar I, Indian
Ocean

P. fundatus

Banks Is, New Hebrides;
ref. 4.20

<i>P. giganteus</i>	Indian flying fox	India – Burma, W China, Sri Lanka, Maldives Is
<i>P. gilliardi</i>	Gilliard's flying fox	New Britain, Bismarck Arch.; ref. 4.21
<i>P. griseus</i>	Grey flying fox	Timor – Celebes, ? Luzon Ontong Java Atoll, Solomons; ref. 4.22
<i>P. howensis</i>		S Burma – Solomons, Philippines, C Maldives Is
<i>P. hypomelanus</i>	Small flying fox	Ruck Is, Caroline Is
<i>P. insularis</i>		S Burma
<i>P. intermedius</i>		Luzon, Philippines
<i>P. leucopterus</i>		Busuanga I, Palawan, S Philippines
<i>P. leucotis</i>		Johanna I, Comoro Is
<i>P. livingstonei</i>	Comoro black flying fox	Lesser Sunda Is
<i>P. lombocensis</i>	Lombok flying fox	Okinawa, Ryukyu Is
<i>P. loochoensis</i>		Thailand, Indochina
<i>P. lylei</i>		S New Guinea, Aru Is
<i>P. macrotis</i>	Big-eared flying fox	Ysabel I, Bougainville I, Solomons
<i>P. mahaganus</i>	Lesser flying fox	Marianne Is, W Pacific; *
<i>P. mariannus</i>		Mindanao, Basilan, S Philippines
<i>P. mearnsi</i>		Sanghir Is, S Moluccas, New Guinea
<i>P. melanopogon</i>	Black-bearded flying fox	Andaman Is, Nicobar Is – Christmas I, Indian Ocean
<i>P. melanotus</i>		E Caroline Is
<i>P. molossinus</i>		New Guinea, Bismarck Arch.
<i>P. neohibernicus</i>	Bismarck flying fox	Reunion, Mauritius; *
<i>P. niger</i>	Greater Mascarene flying fox	Santa Cruz Is, SW Pacific; ref. 4.23
<i>P. nitendiensis</i> (<i>sanctacrucis</i>)		Buru, Ceram Is, S Moluccas
<i>P. ocularis</i>	Ceram flying fox	New Caledonia, Loyalty Is; ref. 4.24
<i>P. ornatus</i>		Palau Is, E of Philippines
<i>P. pelewensis</i>		Celebes, N Moluccas
<i>P. personatus</i>	Masked flying fox	Mortlock I, E Caroline Is
<i>P. phaeocephalus</i>		Palau Is, E of Philippines
<i>P. pilosus</i>		W New Guinea
<i>P. pohlei</i>	Geelvink Bay flying fox	

<i>P. poliocephalus</i>	Grey-headed flying fox	E Australia, vagrant Tasmania
<i>P. pselaphon</i>		Bonin Is, Volcano Is, (S of Japan)
<i>P. pumilus</i>		Palmas I, S Philippines
<i>P. rayneri</i>	Solomon flying fox	Solomon Is
<i>P. rodricensis</i>	Rodriguez flying fox	Rodriguez I; *
<i>P. rufus</i>	Madagascar flying fox	Madagascar
<i>P. samoensis</i>		Fiji, Samoa
<i>P. scapulatus</i>		W, N, E Australia, vagrant New Zealand
<i>P. seychellensis</i>	Seychelles flying fox	Comoro Is, Aldabra I, Seychelles, Mafia I
<i>P. speciosus</i>		Philippines, etc.
<i>P. subniger</i>		Reunion, Mauritius
<i>P. tablasii</i>		Tablas I, C Philippines
<i>P. temmincki</i>	Temminck's flying fox	S Moluccas, Bismarck Arch.
<i>P. tokudae</i>		Guam I; ref. 4.25; *
<i>P. tonganus</i>	Insular flying fox	Karkar I (NE New Guinea) – Samoa, ? Cook Is; ref. 4.19, 20, 24, 28
<i>P. tuberculatus</i>		Vanikoro I, Santa Cruz Is; ref. 4.26
<i>P. ualanus</i>		Ualan I, E Caroline Is
<i>P. vampyrus</i>	Large flying fox	S Burma – Java, Philippines, Borneo, Timor
? <i>P. vanikorensis</i>		Vanikoro Is, Santa Cruz Is; ref. 4.26, 27
<i>P. vetulus</i>		New Caledonia; ref. 4.24
<i>P. voeltzkowi</i>	Pemba flying fox	Pemba I, off Tanzania
<i>P. woodfordi</i>	Least flying fox	Solomons
<i>P. yapensis</i>		Yap, Mackenzie Is, W Caroline Is
<i>Pteralopex</i>; ref. 4.29		
<i>P. acrodonta</i>		Taveuni I, Fiji Is
<i>P. anceps</i>		Bougainville, Choiseul Is, Solomons
<i>P. atrata</i>	Cusp-toothed flying fox	Ysabel, Guadalcanal Is, Solomons
<i>Acerodon</i>; Philippines – Lesser Sundas.		
<i>A. celebensis</i>	Celebes flying fox	Celebes
<i>A. humilis</i>	Talaud flying fox	Talaud Is, N Moluccas

<i>A. jubatus</i>		Philippines
<i>A. lucifer</i>		Panay I, C Philippines
<i>A. mackloti</i>	Sunda flying fox	Lesser Sunda Is
<i>Neopteryx</i>		
<i>N. frosti</i>	Small-toothed fruit bat	W Celebes
<i>Styloctenium</i>		
<i>S. wallacei</i>	Stripe-faced fruit bat	Celebes
<i>Dobsonia</i>; bare-backed fruit bats; Philippines – Australia; ref. 4.30.		
<i>D. anderseni</i>		S Bismarck Archipelago
<i>D. beauforti</i>		Waigeo I, off NW New Guinea
<i>D. crenulata</i>		N Molucca Is
<i>D. exoleta</i>	Celebes naked-backed bat	Celebes
<i>D. inermis</i>	Solomons naked-backed bat	Solomons
<i>D. minor</i>	Lesser naked-backed bat	W New Guinea
<i>D. moluccensis</i>	Greater naked-backed bat	Moluccas, New Guinea, N Queensland
<i>D. pannietensis</i>		Trobiand, D'Entrecasteaux, Louisiade Is
<i>D. peroni</i>	Western naked-backed bat	Lesser Sunda Is; ref. 4.31
<i>D. praedatrix</i>	New Britain naked-backed bat	Bismarck Archipelago
<i>D. remota</i>	Trobiand naked-backed bat	Trobiand I, New Guinea
<i>D. viridis</i>	Greenish naked-backed bat	Negros I, Philippines; S Moluccas
<i>Plerotes</i>		
<i>P. anchietai</i>	Anchieta's fruit bat	Angola, S Zaire, Zambia
<i>Hypsignathus</i>		
<i>H. monstrosus</i>	Hammer-headed fruit bat	Gambia – SW Sudan – Zaire, NE Angola
<i>Epomops</i>; epauletted fruit bats.		
<i>E. buettikoferi</i>	Büttikofer's fruit bat	Guinea – Ghana; ref. 4.32
<i>E. dobsoni</i>	Dobson's fruit bat	W, C Angola – S Zaire, NE Botswana, Zambia
<i>E. franqueti</i>	Franquet's fruit bat	Ivory Coast – S Sudan – Angola; ref. 4.33

Epomophorus; epauletted fruit bats; Africa S of Sahara.

<i>E. angolensis</i>	Angolan epauletted fruit bat	S Angola, NW Namibia
<i>E. anurus</i>	Eastern epauletted fruit bat	Nigeria, Uganda – Tanzania; perhaps conspecific with <i>E. labiatus</i> ; ref. 4.35
<i>E. crypturus</i>	Peters' epauletted fruit bat	Angola – S Tanzania – S Africa
<i>E. gambianus</i>	Gambian epauletted fruit bat	Senegal – S Ethiopia, S Zaire, Zambia, Rhodesia
<i>E. labiatus</i>	Little epauletted fruit bat	N Ethiopia, S Sudan, ? Congo Rep.; ref. 4.33
<i>E. minor</i>		S Ethiopia – Zambia, Malawi
<i>E. pousarguesi</i>	Pousargue's epauletted fruit bat	Cent. African Rep.; ref. 4.34
<i>E. reii</i>	Garua epauletted fruit bat	Cameroun
<i>E. wahlbergi</i>	Wahlberg's epauletted fruit bat	Somalia – S Africa, Angola, Zaire, Cameroun

Micropteropus; dwarf epauletted fruit bats.

<i>M. grandis</i>	Sanborn's epauletted fruit bat	NE Angola; Congo Rep.; ref. 4.33
<i>M. intermedius</i>	Hayman's epauletted fruit bat	NE Angola, S Zaire
<i>M. pusillus</i>	Dwarf epauletted fruit bat	Senegal – Ethiopia, Angola – Zambia

Nanonycteris

<i>N. veldkampi</i>	Veldkamp's dwarf fruit bat	Guinea – Cameroun
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Scotonycteris; ref. 4.36.

<i>S. ophiodon</i>	Pohle's fruit bat	Liberia – Congo Rep.
<i>S. zenkeri</i>	Zenker's fruit bat	Liberia – E Zaire

Casinycteris

<i>C. argynnus</i>	Short-palate fruit bat	Cameroun – E, NE Zaire
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Cynopterus

<i>C. archipelagus</i>		
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<i>C. brachyotis</i>	Lesser dog-faced fruit bat	Polillo I, off Luzon, Philippines
		S China – Java, Borneo, Philippines, Celebes, Sri Lanka, Andamans, Nicobars

<i>C. horsfieldi</i>	Horsfield's fruit bat	S Thailand – Java, Borneo
<i>C. minor</i>		Celebes
<i>C. sphinx</i>	Short-nosed fruit bat	India – S China – Java, Timor; ref. 4.37
 <i>Megaerops</i>		
<i>M. ecaudatus</i>	Tail-less fruit bat	Thailand – Sumatra, Borneo
<i>M. kusnatoi</i>		Java; ref. 4.38
<i>M. wetmorei</i>		Mindanao, Philippines
 <i>Ptenochirus</i>		
<i>P. jagori</i>		Philippines
<i>P. minor</i>		Mindanao, Palawan; ref. 4.45
 <i>Dyacopterus</i> ; ref. 4.39.		
<i>D. brooksi</i>		Sumatra
<i>D. spadiceus</i>	Dayak fruit bat	Malaya – Borneo, Luzon
 <i>Chironax</i>		
<i>C. melanocephalus</i>	Black-capped fruit bat	S Thailand – Java, Celebes
 <i>Latidens</i> ; ref. 4.40.		
<i>L. salimalii</i>		S India
 <i>Penthetor</i>		
<i>P. lucasi</i>	Lucas' short-nosed fruit bat	Malaya, Borneo
 <i>Thoopterus</i>		
<i>T. nigrescens</i>	Swift fruit bat	N Celebes, Morotai I, N Moluccas; ? Luzon
 <i>Aproteles</i> ; ref. 4.41.		
<i>A. bulmerae</i>		E New Guinea
 <i>Sphaerias</i>		
<i>S. blanfordi</i>	Blanford's fruit bat	NE India – NW Thailand
 <i>Balionycteris</i>		
<i>B. maculata</i>	Spotted-winged fruit bat	S Thailand, Malaya, Borneo
 <i>Aethalops</i>		
<i>A. alecto</i>	Pygmy fruit bat	Malaya, Sumatra, Borneo

Haplonycteris

<i>H. fischeri</i>	Philippines
<i>Alionycteris</i> ; ref. 4.42.	
<i>A. paucidensata</i>	Mindanao, Philippines
<i>Otopteropus</i> ; ref. 4.43.	
<i>O. cartilagonodus</i>	Luzon, Philippines

Subfamily Harpyionycterinae***Harpyionycteris*; ref. 4.44.**

<i>H. celebensis</i>	Celebes
<i>H. whiteheadi</i>	Philippines

Subfamily Nyctimeninae***Nyctimene*; tube-nosed fruit bats; New Guinea, etc.**

<i>N. aello</i>	Broad-striped tube-nosed bat	Halmahera, New Guinea
<i>N. albiventer</i>	Common tube-nosed bat	N Moluccas, New Guinea, Admiralty Is – Solomon Is, NE Australia
<i>N. cephalotes</i>	Pallas' tube-nosed bat	Celebes, Timor – NW New Guinea, Admiralty Is
<i>N. cyclotis</i>	Round-eared tube-nosed bat	New Guinea
<i>N. major</i>	Greater tube-nosed bat	E New Guinea, Bismarck Arch.
<i>N. malaitensis</i>	Malaita Island tube-nosed bat	Malaita I, E Solomon Is; ref. 4.8
<i>N. minutus</i>	Lesser tube-nosed bat	Celebes, Buru
<i>N. robinsoni</i>		NE Australia
<i>N. sanctacrucis</i>		Santa Cruz Is; ref. 4.22
<i>Paranyctimene</i>		
<i>P. raptor</i>	Lesser tube-nosed bat	New Guinea

Subfamily Macroglossiniae***Eonycteris*; dawn fruit bats; SE Asia.**

<i>E. major</i>	Borneo
<i>E. robusta</i>	Philippines
<i>E. rosenbergi</i>	N Celebes
<i>E. spelaea</i>	Burma – Java, Sumba, Borneo, Philippines

Megaloglossus; ref. 4.46.

<i>M. woermannii</i>	African long-tongued fruit bat	Guinea – Uganda – N Angola
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Macroglossus; long-tongued fruit bats; SE Asia; refs 4.47, 48.

<i>M. fructivorus</i>		Mindanao, Philippines
<i>M. minimus</i>	Common long-tongued fruit bat	Indochina, Philippines, Solomons, NW, N Australia
<i>M. sobrinus</i>	Hill long-tongued fruit bat	NE India – Java, Bali

Syconycteris

<i>S. australis</i>	Southern blossom bat	E New Guinea, NE Australia
<i>S. crassa</i>	Common blossom bat	S Moluccas – New Guinea, Bismarck Arch., D'Entrecasteaux Is
<i>S. naias</i>		Woodlark I, Trobriand Is (E of New Guinea)

Melonycteris; ref. 4.49.

<i>M. melanops</i>	Black-bellied fruit bat	E New Guinea, Bismarck Arch.
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Nesonycteris; (*Melonycteris*).

<i>N. aurantius</i>	Orange fruit bat	Choiseul, Florida Is, Solomons; ref. 4.49
<i>N. woodfordi</i>	Woodford's fruit bat	Solomons

Notopteris

<i>N. macdonaldi</i>	Long-tailed fruit bat	New Hebrides, New Caledonia, Fiji
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SUBORDER MICROCHIROPTERA

Family Rhinopomatidae

Mouse-tailed bats (rat-tailed bats, long-tailed bats); 3 species; Morocco, Senegal – Thailand, Sumatra; mainly desert and steppe; insectivores; ref. 4.50.

Rhinopoma

<i>R. hardwickei</i>	Lesser mouse-tailed bat	Morocco, Mauretania – Thailand
<i>R. microphyllum</i>	Greater mouse-tailed bat	Senegal – India; Sumatra
<i>R. muscatellum</i>		Oman – S Afghanistan

Family Emballonuridae

Sheath-tailed bats (sac-winged bats, pouched bats, ghost bats); c. 50 species; tropics and subtropics of world; insectivorous.

Subfamily Emballonurinae

Emballonura; Old-world sheath-tailed bats; Madagascar, S Burma – Pacific Islands; ref. 4.51.

<i>E. alecto</i>	Philippine sheath-tailed bat	Philippines, Borneo – S Moluccas
<i>E. atrata</i>	Peters' sheath-tailed bat	Madagascar
<i>E. beccarii</i>	Beccari's sheath-tailed bat	New Guinea, etc.
<i>E. dianae</i>	Rennell Island sheath-tailed bat	Malaita, Rennell Is, Solomons; ref. 4.52
<i>E. furax</i>	Greater sheath-tailed bat	New Guinea
<i>E. monticola</i>	Lesser sheath-tailed bat	S Burma – Celebes
<i>E. nigrescens</i>		Celebes – Solomons
<i>E. raffrayana</i>	Raffray's sheath-tailed bat	Ceram, NW New Guinea, Solomons, Santa Cruz Is
<i>E. semicaudata</i>		New Hebrides – Palau, Samoa, Fiji
<i>E. sulcata</i>		Caroline Is

Coleura

<i>C. afra</i>	African sheath-tailed bat	Africa, Aden
<i>C. seychellensis</i>	Seychelles sheath-tailed bat	Seychelles

Rhynchoycteris; ref. 4.53.

<i>R. naso</i>	Proboscis bat (Tufted bat)	S Mexico – Peru, Brazil
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Saccopteryx; ref. 4.53.

<i>S. bilineata</i>	Greater white-lined bat	W, E Mexico – Peru, Brazil
<i>S. canescens</i>		Colombia – Peru, Brazil
<i>S. gymnura</i>		Brazil
<i>S. leptura</i>	Lesser white-lined bat	S Mexico – Peru, Brazil

Cormura; ref. 4.53.

<i>C. brevirostris</i>	Wagner's sac-winged bat	Nicaragua – Peru, Brazil
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Peropteryx; ref. 4.53.

<i>P. kappleri</i>	Greater sac-winged bat	S Mexico – E Peru, Surinam
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<i>P. macrotis</i>	Lesser sac-winged bat	S Mexico – Peru, Brazil; Tobago, Grenada
<i>P. trinitatis</i>		Venezuela, Trinidad
<i>Peronymus</i>; ref. 4.53.		
<i>P. leucopterus</i>		Venezuela, Surinam, E Peru, Brazil
<i>Centronycteris</i>; ref. 4.53.		
<i>C. maximiliani</i>	Shaggy-haired bat	S Mexico – Ecuador, ? E Peru, Brazil
<i>Balantiopteryx</i>; least sac-winged bats; ref. 4.53.		
<i>B. infusca</i>		Ecuador
<i>B. io</i>	Thomas' sac-winged bat	S Mexico – Guatemala
<i>B. plicata</i>	Peters' bat	N Mexico – Costa Rica
<i>Taphozous</i>; pouched bats, tomb bats; Africa, S Asia, Australia.		
Subgenus <i>Taphozous</i>		
<i>T. australis</i>	Gould's pouched bat	New Guinea, N Queensland
<i>T. georgianus</i>	Sharp-nosed pouched bat	W, N Australia
<i>T. hamiltoni</i>	Hamilton's tomb bat	Sudan, NW Kenya
<i>T. hildergardeae</i>	Hildegarde's tomb bat	Kenya
<i>T. longimanus</i>	Long-winged tomb bat	India – Java, Flores
<i>T. mauritianus</i>	Mauritian tomb bat	Africa S of Sahara, Madagascar, Aldabra, Mauritius, Reunion, Assumption
<i>T. melanopogon</i>	Black-bearded tomb bat	India – Java, Lesser Sundas, Borneo, Philippines
<i>T. perforatus</i>	Egyptian tomb bat	Senegal – Somalia, Mozambique, Rhodesia – India ? China
<i>T. solifer</i>		India – Vietnam
<i>T. theobaldi</i>		
Subgenus <i>Saccopteryx</i>		
<i>T. capito</i>		Catanduanes I, N Philippines
<i>T. flaviventris</i>	Yellow-bellied pouched bat	Australia
<i>T. mixtus</i>	Troughton's pouched bat	S, E New Guinea, N Queensland
<i>T. nudicluniatus</i>	Naked-rumped pouched bat	S, E New Guinea, Solomons, NE Queensland

<i>T. peli</i>	Pel's pouched bat	Liberia – NE Angola, Kenya
<i>T. pluto</i>		Mindanao, Philippines
<i>T. saccostomus</i>		India – Java, Borneo
Subgenus <i>Liponycteris</i>		
<i>T. nudiventris</i>	Naked-rumped tomb bat	Senegal – Somalia, Tanzania, Israel, Arabia, E Afghanistan – Malaya
Subfamily Diclidurinae		
<i>Diclidurus</i>; ghost bats (white bats); ref. 4.54.		
<i>D. albus</i>		E Peru, Venezuela, Surinam, Brazil, Trinidad
<i>D. ingens</i>		Colombia, Venezuela
<i>D. scutatus</i>		Venezuela – Surinam, Peru, Brazil
<i>D. virgo</i>	White bat	W Mexico – Colombia, Venezuela
<i>Depanycterus</i>; (<i>Drepanycterus</i>).		
<i>D. isabella</i>		Venezuela, Brazil
<i>Cyttarops</i>		
<i>C. alecto</i>		Costa Rica, Nicaragua, Guyana, Brazil

Family Craseonycteridae

One species; ref. 4.55.

Craseonycteris

<i>C. thonglongyai</i>	Hog-nosed bat (Butterfly bat)	S Thailand
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Family Nycteridae

Slit-faced bats, hollow-faced bats, hispid bats; c. 11 species; Africa, SW, SE Asia to Java; chiefly forest and drier areas with trees; insectivorous.

Nycteris

<i>N. argo</i>	Bate's slit-faced bat	Sierra Leone – SW Sudan, W Kenya, NW Angola, Fernando Poo
<i>N. gambiae</i>		Senegal – Ghana, Togo; ref. 4.4
<i>N. grandis</i>	Large slit-faced bat	Guinea – Tanzania, Mozambique, Rhodesia

<i>N. hispida</i>	Hairy slit-faced bat	Senegal – Ethiopia – S Africa
<i>N. javanica</i>	Javan slit-faced bat	S Burma – Java, Borneo, Timor
<i>N. macrotis</i>	Dobson's slit-faced bat	Gambia – Somalia – Rhodesia, Mozambique
<i>N. major</i>	Ja slit-faced bat	Cameroun, E, S Zaire
<i>N. nana</i>	Dwarf slit-faced bat	Ghana – W Kenya – NE Angola
<i>N. parisi</i>	Parisi's slit-faced bat	Cameroun, Ethiopia, Somalia
<i>N. thebaica</i>	Egyptian slit-faced bat	Africa S of Sahara, Morocco, Egypt, Israel, Arabia
<i>N. woodi</i>	Wood's slit-faced bat	Tanzania, Zambia, Rhodesia

Family Megadermatidae

False vampire bats, yellow-winged bats; c. 5 species; Africa, SE Asia, Australia; forest, savanna; insectivores, carnivores.

Megaderma; (*Lyroderma*).

<i>M. lyra</i>	Greater false vampire	E Afghanistan – S China, Malaya; Sri Lanka
<i>M. spasma</i>	Lesser false vampire	India – Java, Celebes, Philippines – N Moluccas, Sri Lanka

Macroderma

<i>M. gigas</i>	Australian false vampire (Ghost bat)	W, N Australia; *
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Cardioderma

<i>C. cor</i>	Heart-nosed bat	Ethiopia – N Tanzania, Zanzibar
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Lavia

<i>L. frons</i>	Yellow-winged bat	Gambia – Somalia – Zambia
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Family Rhinolophidae

Horseshoe bats; c. 69 species; Old-world tropics and temperate regions east to Australia; insectivores.

Rhinolophus; (*Rhinomegalophus*).

<i>R. acuminatus</i>	Acuminate horseshoe bat	Thailand – Java – Lombok, Borneo, Palawan
<i>R. adami</i>		Congo Republic

<i>R. affinis</i>	Intermediate horseshoe bat	N India – S China – Java, Lesser Sundas
<i>R. alcyone</i>	Halcyon horseshoe bat	Senegal – NE Zaire, Gabon
<i>R. anderseni</i>		Palawan, ? Luzon, Philippines
<i>R. arcuatus</i>	Arcuate horseshoe bat	Philippines, Borneo, Sumatra
<i>R. blasii</i>	Blasius' horseshoe bat	N Africa, Italy – Afghanistan, Ethiopia – Transvaal, Mozambique
<i>R. borneensis</i>	Bornean horseshoe bat	Cambodia, Borneo
<i>R. capensis</i>	Cape horseshoe bat	Zambia, Rhodesia, S Africa
<i>R. celebensis</i>	Celebes horseshoe bat	S Celebes
<i>R. clivosus</i>	Geoffroy's horseshoe bat	Afghanistan – Algeria, Ethiopia – Zambia, Mozambique
<i>R. coelophyllus</i>	Croslot horseshoe bat	Burma – Malaya
<i>R. cognatus</i>		Andaman Is
<i>R. cornutus</i>	Little Japanese horseshoe bat	Japan, Ryukyu Is
<i>R. creaghi</i>	Creaghi's horseshoe bat	Borneo, Java, Madura I
<i>R. darlingi</i>	Darling's horseshoe bat	Tanzania – Namibia, Transvaal, Mozambique
<i>R. denti</i>	Dent's horseshoe bat	Guinea; Botswana, Namibia, S Africa
<i>R. eloquens</i>		S Sudan – S Somalia – N Tanzania
<i>R. euryale</i>	Mediterranean horseshoe bat	Portugal, Morocco – Iran
<i>R. euryotis</i>	Broad-eared horseshoe bat	Moluccas, Kei Is, Aru Is
<i>R. feae</i>		Burma
<i>R. ferrumequinum</i>	Greater horseshoe bat	Britain, Morocco – N India, Japan
<i>R. fumigatus</i>	Rüppell's horseshoe bat	Senegal – N Ethiopia – S Africa
<i>R. gracilis</i>		SE India; status doubtful
<i>R. hildebrandti</i>	Hildebrandt's horseshoe bat	Ethiopia, Somalia – Botswana
<i>R. hipposideros</i>	Lesser horseshoe bat	Britain, Ireland – N India, NE Africa
<i>R. hirsutus</i>		Guimaras I, Philippines
<i>R. importunus</i>		Java

<i>R. inops</i>		Mindanao, Philippines
<i>R. javanicus</i>		Java
<i>R. keyensis</i>	Insular horseshoe bat	Moluccas, Wetter I, Kei Is
<i>R. landeri</i>	Lander's horseshoe bat	Gambia – Somalia – Angola, Transvaal, Mozambique
<i>R. lepidus</i>		Afghanistan – S China, Thailand
<i>R. luctus</i>	Woolly horseshoe bat	N India – S China – Java, Borneo
<i>R. maclaudi</i> (<i>hilli</i>) (<i>ruwenzorii</i>)	Macloud's horseshoe bat	Guinea, E Zaire, W Uganda; ref. 4.56
<i>R. macrotis</i>	Big-eared horseshoe bat	Nepal – Malaya, Sumatra, Philippines
<i>R. madurensis</i>		Madura I (Java)
<i>R. malayanus</i>	N Malayan horseshoe bat	Thailand – Vietnam, Malaya
<i>R. marshalli</i>	Marshall's horseshoe bat	Thailand; ref. 4.57
<i>R. megaphyllus</i>	Southern horseshoe bat	SE New Guinea, E Australia
<i>R. mehelyi</i>	Mehely's horseshoe bat	Spain, Morocco – Iran
<i>R. minutillus</i>		Anamba Is (E of Malaya)
<i>R. mitratus</i>		C India; status doubtful
<i>R. monoceros</i>		Taiwan
<i>R. nereis</i>		Anamba Is, Natuna Is
<i>R. osgoodi</i>		Yunnan, China
<i>R. paradoxolophus</i>		Thailand, Vietnam
<i>R. pearsoni</i>		NE India – Indochina
<i>R. petersi</i>		India; status doubtful
<i>R. philippinensis</i>	Philippine horseshoe bat	Philippines, Borneo, Celebes, NE Queensland
<i>R. pusillus</i> (<i>blythii</i>)		NE India, S China – Java
<i>R. refulgens</i>	Glossy horseshoe bat	S Thailand – Sumatra
<i>R. rex</i>		S China
<i>R. robinsoni</i>	Peninsular horseshoe bat	S Thailand, Malaya
<i>R. rouxi</i>		India, S China, Sri Lanka
<i>R. rufus</i>		Philippines
<i>R. shameli</i>		Burma, Indochina, Malaya

<i>R. sedulus</i>	Lesser woolly horseshoe bat	Malaya, Borneo
<i>R. simplex</i>	Lombok horseshoe bat	Lesser Sunda Is
<i>R. simulator</i>	Bushveld horseshoe bat	Nigeria – Ethiopia – Transvaal, etc.
<i>R. stheno</i>	Lesser brown horseshoe bat	Thailand – Java
<i>R. subbadius</i>		N India – Vietnam
<i>R. subrufus</i>		Philippines
<i>R. swinnyi</i>	Swinny's horseshoe bat	S Zaire, Tanzania – S Africa
<i>R. thomasi</i>		Burma, Yunnan, Indochina
<i>R. toxopeusi</i>	Buru horseshoe bat	Buru I, S Moluccas
<i>R. trifoliatus</i>	Trefoil horseshoe bat	N India – Java, Borneo
<i>R. virgo</i>		S Philippines
<i>R. yunanensis</i>		NE India – Yunnan, Thailand

Family Hipposideridae

Old-world leaf-nosed bats, trident bats; c. 61 species; tropics and subtropics of Africa, S Asia – Philippines, New Hebrides, N Australia; forest, savanna; insectivores.

Hipposideros; ref. 4.58.

<i>H. abae</i>	Aba leaf-nosed bat	Guinea – S Sudan, Uganda
<i>H. armiger</i>	Himalayan leaf-nosed bat	N India – Malaya, Taiwan
<i>H. ater</i>	Dusky leaf-nosed bat	India – Java – NW, N Australia; Philippines
<i>H. beatus</i>	Dwarf leaf-nosed bat	Liberia – SW Sudan, Gabon
<i>H. bicolor</i>	Bicolored leaf-nosed bat	India – Java, Celebes, Philippines, Sri Lanka
<i>H. breviceps</i>		N Pagi I, Mentawai Is
<i>H. caffer</i>	Sundevall's leaf-nosed bat	Africa, Arabia
<i>H. camerunensis</i>	Greater cyclops bat	Cameroun, E Zaire
<i>H. calcaratus</i>	Spurred leaf-nosed bat	New Guinea, Bismarck Arch. – Solomon Is
<i>H. cineraceus</i>	Least leaf-nosed bat	N India – Malaya, Borneo
<i>H. commersoni</i>	Commerson's leaf-nosed bat	Gambia – Somalia – Angola, Mozambique
<i>H. coronatus</i>		Mindanao, Philippines
<i>H. coxi</i>	Cox's leaf-nosed bat	Sarawak, Borneo
<i>H. crumeniferus</i>	Timor leaf-nosed bat	Timor I; status doubtful

<i>H. cupidus</i>	Eaga leaf-nosed bat	New Guinea – Solomon Is
<i>H. curtus</i>	Short-tailed leaf-nosed bat	Nigeria, Cameroun, Fernando Poo
<i>H. cyclops</i>	Cyclops leaf-nosed bat	Guinea – Gabon – SW Kenya
<i>H. diadema</i>	Diadem leaf-nosed bat	Burma – Java, Philippines, Borneo, New Guinea, Solomons, NE Queensland
<i>H. dinops</i>	Fierce leaf-nosed bat	Celebes, Peling I, Solomons
<i>H. doriae</i>		Sarawak, Borneo
<i>H. dyacorum</i>	Dyak leaf-nosed bat	Borneo
<i>H. fuliginosus</i>	Sooty leaf-nosed bat	Ghana – Cameroun – Ethiopia
<i>H. fulvus</i>		Afghanistan – Vietnam
<i>H. galeritus</i>		Sri Lanka, India – New Hebrides, N Queensland
<i>H. inexpectatus</i>	Cantor's leaf-nosed bat (Fawn leaf-nosed bat)	N Celebes
<i>H. jonesi</i>	Crested leaf-nosed bat	Guinea – Nigeria
<i>H. lankadiva</i>	Jones' leaf-nosed bat	India, Sri Lanka
<i>H. larvatus</i>	Horsfield's leaf-nosed bat	Burma – Java, Sumba, Borneo
<i>H. lekaguli</i>	Lekagul's leaf-nosed bat	S Thailand; ref. 4.59
<i>H. lylei</i>	Shield-faced leaf-nosed bat	Burma – Malaya
<i>H. marisae</i>	Aellen's leaf-nosed bat	Ivory Coast, Guinea
<i>H. megalotis</i>	Big-eared leaf-nosed bat	Ethiopia, Kenya
<i>H. muscinus</i>	Fly River leaf-nosed bat	Papua New Guinea
<i>H. nequam</i>	Malay leaf-nosed bat	Malaya
<i>H. obscurus</i>		Philippines
<i>H. papua</i>	Geelvink Bay leaf-nosed bat	W New Guinea
<i>H. pratti</i>	Pratt's leaf-nosed bat	SW China, Vietnam
<i>H. pygmaeus</i>		Philippines
<i>H. ridleyi</i>	Ridley's leaf-nosed bat	Malaya; *
<i>H. ruber</i>	Noack's leaf-nosed bat	Senegal – Ethiopia – Angola
<i>H. sabanus</i>	Sabah leaf-nosed bat	Malaya, Sumatra, Borneo
<i>H. schistaceus</i>		India
<i>H. semoni</i>	Semon's leaf-nosed bat	E New Guinea, N Queensland
<i>H. speoris</i>	Schneider's leaf-nosed bat	India, Sri Lanka
<i>H. stenotis</i>	Narrow-eared leaf-nosed bat	NW, N Australia

<i>H. turpis</i>		S Thailand, Ryukyu Is
<i>H. wollastoni</i>	Wollaston's leaf-nosed bat	S New Guinea
<i>Asellia</i>		
<i>A. patrizii</i>	Patrizi's trident bat	Ethiopia
<i>A. tridens</i>	Trident bat	Morocco, Senegal – Pakistan
<i>Aselliscus</i>; ref. 4.60.		
<i>A. stoliczkanus</i>	Stoliczka's trident bat	Burma, S China – Indochina, Penang I
<i>A. tricuspidatus</i>	Dobson's trident bat	Moluccas – New Hebrides
<i>Anthops</i>		
<i>A. ornatus</i>	Flower-faced bat	Solomon Is
<i>Cloeotis</i>		
<i>C. percivali</i>	Short-eared trident bat	Kenya – SE Botswana – Mozambique
<i>Rhinonycteris</i>		
<i>R. aurantius</i>	Orange leaf-nosed bat	NW, N Australia
<i>Triaenops</i>		
<i>T. furculus</i>	Trouessart's trident bat	Madagascar, Aldabra, Cosmoledo Is
<i>T. humbloti</i>	Humblot's trident bat	Madagascar
<i>T. persicus</i>	Persian trident bat	Congo Rep., Mozambique – S Arabia – Iran
<i>T. rufus</i>	Madagascan red trident bat	Madagascar
<i>Coelops</i>; ref. 4.61.		
<i>C. frithi</i>	Tail-less leaf-nosed bat	India – Java, Bali, Taiwan
<i>C. robinsoni</i>	Malayan tail-less leaf-nosed bat	S Thailand, Malaya, Mindoro, Philippines
<i>Paracoelops</i>; ref. 4.62.		
<i>P. megalotis</i>		Vietnam

Family Noctilionidae

Bulldog bats (hare-lipped bats, mastiff bats, fisherman bats); 2 species; New-world tropics; insectivorous, piscivorous.

Noctilio

<i>N. albiventris</i>	Southern bulldog bat	Honduras N Argentina
<i>N. leporinus</i>	Mexican bulldog bat (Fisherman bat)	W, S Mexico – N Argentina, Antilles, Trinidad

Family Mormoopidae

Naked-backed bats, moustached bats, ghost-faced bats; c. 8 species; S USA – Brazil, Greater and Lesser Antilles; insectivorous; ref. 4.63.

Pteronotus

Subgenus *Pteronotus*

<i>P. davyi</i>	Davy's naked-backed bat	Mexico – Peru; ? Brazil, Lesser Antilles, Trinidad
<i>P. gymnonotus</i> (<i>suapurensis</i>)	Big naked-backed bat	S Mexico – E Peru, ? Brazil; ref. 4.64

Subgenus *Chilonycteris*

<i>P. fuliginosus</i>	Sooty moustached bat	Greater Antilles
<i>P. macleayi</i>	Macleay's moustached bat	Cuba, Jamaica
<i>P. personatus</i>	Wagner's moustached bat	N Mexico – Brazil, Trinidad

Subgenus *Phyllodia*

<i>P. parnelli</i>	Parnell's moustached bat	N Mexico – E Peru, Brazil, Trinidad, Greater Antilles
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Mormoops

<i>M. blainvillei</i>	Antillean ghost-faced bat	Greater Antilles; † C Bahamas
<i>M. megalophylla</i>	Peters' ghost-faced bat	S USA – Ecuador, Venezuela, Trinidad, etc.

Family Phyllostomatidae

New-world leaf-nosed bats; c. 140 species; New-world tropics and subtropics; insectivorous, carnivorous, frugivorous; mainly forest; ref. 4.65.

Subfamily Phyllostomatinae

Micronycteris; big-eared bats; Mexico – Peru, Brazil.

Subgenus *Micronycteris*

<i>M. megalotis</i>	Brazilian big-eared bat	NE Mexico – E Venezuela, Peru
<i>M. minuta</i>		Nicaragua – E Peru, Brazil, Trinidad, Grenada
<i>M. schmidtorum</i>	Schmidt's big-eared bat	S Mexico – Colombia

Subgenus *Xenocentes*

<i>M. hirsuta</i>	Hairy big-eared bat	Honduras – E Peru, Guyana, Trinidad
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Subgenus *Lampronycteris**M. brachyotis*

S Mexico – C Brazil

Subgenus *Neonycteris**M. pusilla*

E Colombia, N Brazil

Subgenus *Trinycteris**M. nicefori*Nicaragua – NE Peru,
N Brazil, TrinidadSubgenus *Glyphonycteris**M. behni**M. sylvestris* Brown big-eared batE Peru, C Brazil
W, S Mexico – E Peru,
NE Brazil, Trinidad*Barticonycteris; (Micronycteris).**B. daviesi*Costa Rica, E Peru,
Guyana*Macrotus*; big-eared bats; leaf-nosed bats; SW USA – Guatemala, W Indies.*M. californicus* California leaf-nosed bat S California, S Nevada,
Arizona, NW Mexico*M. waterhousei* Waterhouse's leaf-nosed bat N Mexico – Guatemala,
Bahamas, Greater
Antilles*Lonchorhina*; sword-nosed bats; S Mexico – Peru, Brazil, Trinidad; ref. 4.66.*L. aurita* Tomes' long-eared bat S Mexico – E Peru,
Bolivia, Brazil,
Trinidad, Bahamas
(accidental; ref. 4.12)*L. marinellei* Colombia
L. orinocoensis C Venezuela*Macrophyllum**M. macrophyllum* Long-legged bat S Mexico – N Argentina*Tonatia*; round-eared bats; S Mexico – N Argentina.*T. bidens* Spix's round-eared bat Guatemala – E Peru,
E Brazil, Trinidad,
Jamaica*T. brasiliense* E Peru, C, E Brazil
T. carrikeri Venezuela, E Peru,
Bolivia, Surinam*T. evotis* S Mexico – Honduras;
ref. 4.122*T. minuta* S Mexico – E Peru,
(*nicaraguae*) Trinidad ref. 4.124*T. sylvicola* D'Orbigny's round-eared bat S Mexico – N Argentina
T. venezuelae Venezuela

Mimon; Gray's spear-nosed bats; S Mexico – Bolivia, Brazil.

Subgenus *Mimon*

<i>M. bennetti</i>		Guyana, Surinam, NE Brazil
<i>M. cozumelae</i>	Cozumel spear-nosed bat	S Mexico – N Colombia

Subgenus *Anthorhina*

<i>M. crenulatum</i> (koepckeae)		S Mexico – Peru, Bolivia, Brazil; ref. 4.6
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Phyllostomus; spear-nosed bats; S Mexico – Bolivia, N Argentina.

<i>P. discolor</i>	Pale spear-nosed bat	S Mexico – N Argentina
<i>P. elongatus</i>		Colombia, Venezuela – E Peru, Bolivia, SE Brazil
<i>P. hastatus</i>	Spear-nosed bat	Honduras – Peru, Bolivia, SE Brazil
<i>P. latifolius</i>		SE Colombia, Guyana

Phylloderma

<i>P. stenops</i>	Peters' spear-nosed bat	S Mexico – Peru, NE Brazil
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Trachops

<i>T. cirrhosus</i>	Fringe-lipped bat	S Mexico – E Peru, Bolivia, S Brazil
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Chrotopterus

<i>C. auritus</i>	Peters' woolly false vampire bat	S Mexico – Paraguay, N Argentina
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Vampyrum

<i>V. spectrum</i>	American false vampire bat	S. Mexico – E Peru, C Brazil, Trinidad, ? Jamaica
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Subfamily Glossophaginae

Glossophaga; long-tongued bats; Mexico – N Argentina, W Indies, ? Bahamas.

<i>G. alticola</i>		C Mexico – Costa Rica
<i>G. commissarisi</i>		W Mexico – Panama
<i>G. longirostris</i>	Miller's long-tongued bat	Colombia, Venezuela, Lesser Antilles, Trinidad, etc.
<i>G. soricina</i>	Pallas' long-tongued bat	N Mexico – N Argentina, Trinidad, Jamaica, ? Bahamas

Monophyllus

<i>M. plethodon</i>	Barbados long-tongued bat	Lesser Antilles, † Puerto Rico
<i>M. redmani</i>	Jamaican long-tongued bat	Greater Antilles, S Bahamas

***Leptonycteris*; Saussure's long-tongued bats; SW USA – Venezuela.**

<i>L. curasoae</i>		Colombia, Venezuela, Curaçao I, etc.
<i>L. nivalis</i>	Long-nosed bat	S Texas – Guatemala
<i>L. sanborni</i>		S Arizona, New Mexico – El Salvador

Lonchophylla

<i>L. bokermanni</i>		S Brazil; ref. 4.67
<i>L. concava</i>	Goldman's long-tongued bat	Costa Rica, Panama, ? Peru; ref. 4.6
<i>L. hesperia</i>		Peru
<i>L. mordax</i>		Ecuador, Bolivia, Brazil
<i>L. robusta</i>	Panama long-tongued bat	Nicaragua – Peru
<i>L. thomasi</i>		Panama, Peru, Bolivia, Brazil, Surinam

Lionycteris

<i>L. spurrelli</i>		Panama, E Peru, N Brazil
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***Anoura*; Geoffroy's long-nosed bats; Mexico – Brazil, NW Argentina.**

<i>A. brevirostrum</i>		Colombia, E Peru
<i>A. caudifer</i>		Colombia, Venezuela – E Peru, E Brazil
<i>A. cultrata</i>		Costa Rica, Panama, Venezuela
<i>A. geoffroyi</i>	Geoffroy's tail-less bat	N Mexico – NW Argentina; Trinidad, Grenada
<i>A. werckleae</i>		Costa Rica

Scleronycteris

<i>S. ega</i>		Venezuela, Brazil
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Lichonycteris

<i>L. degener</i>		NE Brazil
<i>L. obscura</i>		Guatemala – Peru, Surinam

Hylonycteris

<i>H. underwoodi</i>	Underwood's long-tongued bat	W Mexico – W Panama
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Platalina

<i>P. genovensium</i>		Peru
<i>Choeroniscus</i>; Godman's long-nosed bats; Mexico – Peru, Brazil.		
<i>C. godmani</i>	Godman's bat	W Mexico – Colombia, Venezuela
<i>C. intermedius</i>		Trinidad, ? E Peru
<i>C. minor</i> (<i>inca</i>)		E Peru – Colombia – Guianas, Brazil, ref. 4.6
<i>C. periosus</i>		W coast Colombia

Choeronycteris

<i>C. mexicana</i>	Mexican long-nosed bat	S California, S Arizona, S New Mexico – Honduras, NW Venezuela
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Musonycteris

<i>M. harrisoni</i>	Banana bat	W Mexico
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Subfamily Carollinae

<i>Carollia</i>; short-tailed leaf-nosed bats; Mexico – E Peru, Bolivia, S Brazil.		
<i>C. brevicauda</i>		E Mexico – E Peru, Bolivia, NE Brazil
<i>C. castanea</i>	Allen's short-tailed bat	Honduras – E Peru, Bolivia
<i>C. perspicillata</i>	Seba's short-tailed bat	S Mexico – S Brazil, Paraguay; Trinidad, Tobago, Grenada, ? Jamaica
<i>C. subrufa</i>		W Mexico – Nicaragua

Rhinophylla

<i>R. alethina</i>		W Colombia
<i>R. fischerae</i>		Colombia – E Peru, NW Brazil
<i>R. pumilio</i>		E Peru – Colombia – Surinam

Subfamily Sturnirinae

***Sturnira*; yellow-shouldered bats, American epauletted bats; Mexico – N Argentina, Uruguay, ? Chile, Trinidad, Lesser Antilles, Jamaica.**

Subgenus *Sturnira*

<i>S. aratathomasi</i>	SW Colombia, W Ecuador
<i>S. bogotensis</i>	Colombia, Venezuela; ref. 4.68.
<i>S. erythromos</i>	E Peru, Venezuela

<i>S. lilium</i>	Yellow-shouldered bat	N Mexico – N Argentina, Uruguay, ? Chile, Lesser Antilles, Jamaica
<i>S. ludovici</i>	Anthony's bat	NE Mexico – E Peru, Venezuela
<i>S. magna</i>		Amazonian Colombia – E Peru
<i>S. thomasi</i>		Guadeloupe, Lesser Antilles
<i>S. tildae</i>		E Peru – Brazil, Trinidad
Subgenus <i>Sturnirops</i>		
<i>S. mordax</i>	Hairy-footed bat	Costa Rica
Subgenus <i>Corvira</i>		
<i>S. bidens</i>		Colombia, E Ecuador, E Peru
<i>S. nana</i>		C Peru
Subfamily Stenoderminae		
<i>Uroderma</i> ; tent-building bats; Mexico – S Peru, Bolivia, SE Brazil, Trinidad.		
<i>U. bilobatum</i>		S Mexico – S Peru, Bolivia, SE Brazil, Trinidad
<i>U. magnirostrum</i>		S Mexico – E Peru, N Bolivia
<i>Vampyrops</i> ; white-lined bats; S Mexico – N Argentina, Paraguay, Uruguay.		
<i>V. aurarius</i>		E Venezuela
<i>V. brachycephalus</i>		Colombia – E Peru, Guyana
<i>V. dorsalis</i>		Costa Rica – E Peru, ? Venezuela
<i>V. helleri</i>	Heller's bat	S Mexico – Peru, Bolivia, Brazil, Trinidad
<i>V. infuscus</i>		Colombia – E Peru, Brazil
<i>V. lineatus</i> (<i>nigellus</i>)		Colombia, E Peru, C, E Brazil – N Argentina, Uruguay; ref. 4.6.
<i>V. recifinus</i>		E Brazil
<i>V. umbratus</i>		Colombia, Venezuela; ref. 4.68
<i>V. vittatus</i>	Greater white-lined bat	Costa Rica – E Peru, Venezuela

Vampyrodes

<i>V. caraccioloii</i>	Great stripe-faced bat	S Mexico – E Peru, N Brazil
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Vampyressa; yellow-eared bats; S Mexico – E Peru, Brazil, Guyana.

Subgenus *Vampyressa*

<i>V. melissa</i>		E Peru
<i>V. pusilla</i>		S Mexico – E Peru, SE Brazil

Subgenus *Metavampyressa*

<i>V. brocki</i>		Colombia, Guyana
<i>V. nymphaea</i>	Big yellow-eared bat	Nicaragua – W Colombia

Subgenus *Vampyriscus*

<i>V. bidens</i>		Colombia – E Peru, N Brazil, Guyana
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Chiroderma; white-lined bats; big-eyed bats; Mexico – Peru, Bolivia, Brazil, Trinidad, Guadeloupe, Lesser Antilles.

<i>C. doriae</i>		E Brazil
<i>C. improvisum</i>		Guadeloupe, Lesser Antilles
<i>C. salvini</i>	Salvin's white-lined bat	W, C Mexico – Ecuador
<i>C. trinitatum</i>		Panama, E Peru, Bolivia, Brazil, Trinidad
<i>C. villosum</i>		S Mexico – E Peru, Bolivia, Brazil

Ectophylla; (*Mesophylla*); white bats; Nicaragua – Peru, Bolivia, Brazil, Trinidad.

<i>E. alba</i>	Honduran white bat	Nicaragua – W Panama
<i>E. macconnelli</i>		Costa Rica – E Peru, Bolivia, Brazil, Trinidad

Artibeus; American fruit bats; Mexico – Peru, Bolivia, Brazil, Trinidad, Bahamas, Antilles.

<i>A. anderseni</i>		E Peru, W Brazil; ref. 4.6
<i>A. aztecus</i>		C, NE Mexico – W Panama
<i>A. cinereus</i>	Gervais' fruit-eating bat	Colombia, Venezuela – Bolivia, E Peru. Brazil, Trinidad, Tobago, Grenada
<i>A. concolor</i>		Colombia, Venezuela – E Peru, Brazil, Surinam

<i>A. fraterculus</i>		S Ecuador, N Peru; refs 4.6, 71
<i>A. fuliginosus</i>		Peru – Colombia – Guianas; refs 4.6, 71
<i>A. glaucus</i>		NW Colombia – C Peru; possibly referable to <i>A. cinereus</i> ; ref. 4.6
<i>A. hirsutus</i>	Hairy fruit-eating bat	W Mexico
<i>A. inopinatus</i>		El Salvador, Honduras, Nicaragua
<i>A. jamaicensis</i>	Jamaican fruit-eating bat	N Mexico – Colombia, Venezuela, Bahamas, Antilles, Trinidad
<i>A. lituratus</i>	Big fruit-eating bat	NE Mexico – N Argentina, Lesser Antilles, Trinidad, Tobago
<i>A. phaeotis</i>		W Mexico – E Peru
<i>A. planirostris</i>		Peru, Bolivia – Guianas; ref. 4.6, 71
<i>A. toltecus</i>		NE Mexico – N Ecuador
<i>A. watsoni</i>		S Mexico – Colombia; possibly referable to <i>A. cinereus</i> ; ref. 4.6
<i>Enchisthenes</i>		
<i>E. hartii</i>	Little fruit-eating bat	NE Mexico – E Peru, ? S Arizona
<i>Ardops</i>		
<i>A. nichollsi</i>	Tree bat	Lesser Antilles
<i>Phyllops</i> ; fig-eating bats, falcate-winged bats.		
<i>P. falcatus</i>	Cuban fig-eating bat	Cuba
<i>P. haitiensis</i>	Dominican fig-eating bat	Hispaniola
<i>Ariteus</i>		
<i>A. flavescens</i>	Jamaican fig-eating bat	Jamaica
<i>Stenoderma</i>		
<i>S. rufum</i>	Red fruit bat	Puerto Rico, Virgin Is
<i>Pygoderma</i>		
<i>P. bilabiatum</i>	Ipanema bat	Surinam – Paraguay, N Argentina
<i>Ametrida</i>		
<i>A. centurio</i>		Venezuela, Guianas, Brazil, Trinidad

Sphaeronycteris*S. toxophyllum*Colombia, E Peru –
Venezuela, Bolivia***Centurio****C. senex*

Wrinkle-faced bat

NE Mexico – Panama;
Venezuela, Trinidad**Subfamily Phyllonycterinae*****Brachyphylla*; ref. 4.69.**

<i>B. cavernarum</i>	St Vincent fruit-eating bat	Puerto Rico, Lesser Antilles
<i>B. nana</i> (<i>pumila</i>)	Cuban fruit-eating bat	Cuba, Grand Cayman, S Bahamas, Hispaniola, † Jamaica

***Erophylla*; Greater Antilles; ref. 4.13, 70.**

<i>E. sezekorni</i> (<i>bombifrons</i>)	Buffy flower bat	Bahamas, Cuba, Cayman Is, Jamaica, Hispaniola, Puerto Rico
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Phyllonycteris**Subgenus *Phyllonycteris*; ref. 4.12.**

<i>P. major</i>	Puerto Rican flower bat	Puerto Rico, probably extinct
<i>P. obtusa</i>	Hispaniola flower bat	Hispaniola
<i>P. poeyi</i>	Cuban flower bat	Cuba

Subgenus *Reithronycteris*

<i>P. aphylla</i>	Jamaican flower bat	Jamaica
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Family Desmodontidae

Vampire bats; 3 species; S USA – C Chile, N Argentina, Uruguay.

Desmodus

<i>D. rotundus</i>	Common vampire bat	N Mexico – C Chile, N Argentina, Uruguay, Trinidad
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Diaemus

<i>D. youngi</i>	White-winged vampire	NE Mexico – E Peru, Bolivia, Brazil, Trinidad
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Diphylla

<i>D. ecaudata</i>	Hairy-legged vampire bat	S Texas – E Peru, S Brazil
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Family Natalidae

Funnel-eared bats, long-legged bats; c. 8 species; Mexico – Brazil, Bahamas, Antilles.

Natalus

Subgenus *Natalus*; ref. 4.12, 72.

<i>N. major</i>		Cuba, Jamaica, Hispaniola
<i>N. stramineus</i>	Mexican funnel-eared bat	Mexico – Brazil, Guianas, Lesser Antilles
<i>N. tumidirostris</i>		Colombia, Venezuela, Trinidad, Curacao I

Subgenus *Chilonatalus*

<i>N. brevimanus</i>		Old Providence I, off Nicaragua
<i>N. macer</i>		Cuba
<i>N. micropus</i>	Jamaican long-legged bat	Jamaica
<i>N. tumidifrons</i>		Bahamas

Subgenus *Nyctiellus*

<i>N. lepidus</i>	Gervais' long-legged bat	Bahamas, Cuba, Isle of Pines
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Family Furipteridae

Smoky bats, thumbless bats; 2 species; Panama – N Chile, Brazil, Guianas, Trinidad.

Furipterus

<i>F. horrens</i>		Costa Rica – E Peru, Guianas, SE Brazil, Trinidad
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Amorphochilus

<i>A. schnabli</i>		W Ecuador – N Chile
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Family Thyropteridae

Disc-winged bats, New-world sucker-footed bats; 2 species; S Mexico – Peru, S, E Brazil.

Thyroptera

<i>T. discifera</i>	Honduran disk-winged bat	Nicaragua – E Peru, French Guiana
<i>T. tricolor</i>	Spix's disk-winged bat	S Mexico – E Peru, Guianas, S, E Brazil, Trinidad

Family Myzopodidae

One species.

Myzopoda

<i>M. aurita</i>	Sucker-footed bat	Madagascar
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Family Vespertilionidae

Vespertilionid bats; c. 319 species; cosmopolitan except some small oceanic islands, Arctic and Antarctic regions beyond limits of tree growth.

Myotis; (*Leuconoe*); mouse-eared bats, little brown bats; cosmopolitan, except some oceanic islands, Arctic, Antarctic; ref. 4.73, 74 (C, S America).

<i>M. abei</i>		Sakhalin I
<i>M. adversus</i>	Large-footed bat	Borneo, Java –
		Solomon Is, New Hebrides, N, E Australia; ref. 4.61
<i>M. aelleni</i>		Argentina; ref. 4.75
<i>M. albescens</i>	Paraguay myotis	S Mexico – Paraguay, Uruguay
<i>M. altarium</i>		S China
<i>M. annectans</i>		NE India – NE Thailand; ref. 4.76
<i>M. argentatus</i>	Silver-haired myotis	Veracruz, S Mexico
<i>M. atacamensis</i>		S Peru, N Chile
<i>M. auriculus</i>		SW New Mexico, SE Arizona – SC Mexico; ref. 4.77
<i>M. australis</i>	Small-footed myotis	E Australia
<i>M. austroriparius</i>	South-eastern myotis	N Carolina, Kentucky – Louisiana, Florida
<i>M. bartelsi</i>		Java
<i>M. bechsteini</i>	Bechstein's bat	Spain, England – W Russia, Caucasus
<i>M. blythi</i>		Spain, Morocco – Afghanistan – S China
<i>M. bocagei</i>	Rufous mouse-eared bat	Liberia – Kenya – Angola, Mozambique,
<i>M. brandti</i>		Spain, Britain – Urals
<i>M. browni</i>		Mindanao, Philippines
<i>M. californicus</i>	California myotis	Alaska – S Mexico
<i>M. capaccinii</i>	Long-fingered bat	N Africa, Spain – Iran
<i>M. chiloensis</i>		Chile; ? Costa Rica, ? Panama
<i>M. chinensis</i>		S China, N Thailand
<i>M. cubanensis</i>		Guatemala; status doubtful

<i>M. dasycneme</i>	Pond bat	E France – Manchuria
<i>M. daubentoni</i>	Daubenton's bat	Spain, Britain – E Siberia Manchuria, Sakhalin, Hokkaido
<i>M. dominicensis</i>		Dominica, Lesser Antilles
<i>M. dryas</i>		S Andaman Is, Indian Ocean
<i>M. elegans</i>		C Mexico – Costa Rica
<i>M. emarginatus</i>	Geoffroy's bat	SW Europe – Russian Turkestan, E Iran, Morocco
<i>M. evotis</i>	Long-eared myotis	SW Canada – NW Mexico
<i>M. fimbriatus</i>		Fukien, SE China
<i>M. findleyi</i>		Tres Marias Is, W Mexico; ref. 4.78
<i>M. formosus</i>	Hodgson's bat	E Afghanistan – Korea, S China, Taiwan
<i>M. fortidens</i>	Cinnamon myotis	W, S Mexico; ref. 4.79
<i>M. frater</i>		Turkestan – E Siberia, SE China, Japan
<i>M. goudotii</i>	Malagasy mouse-eared bat	Madagascar; Anjouan I, Comoro Is
<i>M. griseescens</i>	Grey bat	Oklahoma – Kentucky – Georgia; *
<i>M. hasseltii</i>	Lesser large-footed bat	Sri Lanka; Thailand – Malaya, Java, Borneo; ref. 4.61
<i>M. hermani</i>		NW Sumatra
<i>M. herrei</i>		Luzon, Philippines
<i>M. horsfieldii</i>		S China – Java, Bali, Borneo, Celebes; ref. 4.61
<i>M. hosonoi</i>		N, C Honshu, Japan
<i>M. ikonnikovi</i>		E Siberia, N Korea, Sakhalin, Hokkaido
<i>M. jeannei</i>		Mindanao, Philippines
<i>M. keaysi</i>		NE Mexico – Venezuela – Peru; Trinidad; ref. 4.74
<i>M. keeni</i>	Keen's myotis	Alaska – Washington, Manitoba – Newfoundland – Florida
<i>M. larensis</i>		NW Venezuela; ref. 4.74
<i>M. leibi</i> (<i>subulatus</i>)	Least brown bat (Small-footed myotis)	SW Canada, USA (except SE), N Mexico
<i>M. levis</i>		S Brazil – Paraguay, Uruguay, Argentina

<i>M. longipes</i>		Afghanistan, Kashmir, ? Vietnam
<i>M. lucifugus</i>	Little brown myotis	Alaska, S Canada – C Mexico; ref. 4.79
<i>M. macrodactylus</i>		E Siberia, S Kurile Is, Japan
<i>M. macrotarsus</i>		Philippines, Borneo
<i>M. martiniquensis</i>		Martinique, Lesser Antilles
<i>M. milleri</i>	Miller's myotis	Baja California, Mexico
<i>M. montivagus</i>	Burmese whiskered bat	S India, Burma, S China, Malaya
<i>M. morrisi</i>		Ethiopia; ref. 4.80
<i>M. muricola</i>		N India – Java – New Guinea
<i>M. myotis</i>	Large mouse-eared bat	SW Europe – Syria
<i>M. mystacinus</i>	Whiskered bat	Ireland – Japan, N Iran, Tibet, Morocco
<i>M. nathalinae</i>		Spain; ref. 4.81, 82
<i>M. nattereri</i>	Natterer's bat	Morocco, W Europe – SE Siberia, Japan
<i>M. nigricans</i>	Black myotis	W, NE Mexico – N Argentina, Trinidad, Tobago, Grenada
<i>M. occultus</i>	Arizona myotis	SW USA; possibly conspecific with <i>M. lucifugus</i> ; ref. 4.79
<i>M. oreias</i>		Malaya
<i>M. oxyotus</i>	Singapore whiskered bat	Costa Rica – Peru, N Bolivia
<i>M. ozensis</i>		C Honshu, Japan; status doubtful
<i>M. patriciae</i>		Mindanao, Philippines
<i>M. peninsulae</i>		Baja California
<i>M. pequinus</i>		Hopei, Shantung, China
<i>M. peshwa</i>		India
<i>M. planiceps</i>	Flat-headed myotis	N Mexico
<i>M. pruinosus</i>		N Honshu, Japan
<i>M. ricketti</i>	Rickett's big-footed bat	E China
<i>M. ridleyi</i>	Ridley's bat	Malaya, ? Sumatra
<i>M. riparius</i>		Honduras – Peru – Uruguay
<i>M. rosseti</i>		Thailand, Cambodia; ref. 4.83
<i>M. ruber</i>		SE Brazil, Paraguay
<i>M. rufopictus</i>		Philippines

<i>M. scotti</i>	Scott's mouse-eared bat	Ethiopia
<i>M. seabrai</i> (lesueuri)	Angola wing-gland bat	Angola – Cape Prov.
<i>M. sicarius</i>		Nepal, Sikkim; ref. 4.76
<i>M. siligorensis</i>	Himalayan whiskered bat	N India – S China – Malaya
<i>M. simus</i>		Panama – E Peru, Brazil
<i>M. sodalis</i>	Social bat	C, E USA; *
<i>M. stalkeri</i>	Kei myotis	Kei Is, New Guinea
<i>M. surinamensis</i>		? Surinam; status doubtful
<i>M. thysanodes</i>	Fringed myotis	SW Canada – S Mexico
<i>M. tricolor</i>	Cape hairy bat	Ethiopia – Zaire, S Africa
<i>M. velifer</i>	Cave myotis	S USA – Honduras
<i>M. volans</i>	Long-legged bat (Hairy-winged bat)	Alaska – S Mexico
<i>M. weberi</i>	Orange-winged myotis	S Celebes
<i>M. welwitschi</i>	Welwitsch's bat	Ethiopia – Zaire, Mozambique, S Africa
<i>M. yumanensis</i>	Yuma myotis	British Columbia – C USA – C Mexico
 <i>Pizonyx</i>		
<i>P. vivesi</i>	Fish-eating bat	NW Mexico; coasts, islands
 <i>Lasionycteris</i>		
<i>L. noctivagans</i>	Silver-haired bat	Alaska, S Canada – NE Mexico
 <i>Eudiscopus</i>		
<i>E. denticulus</i>	Disc-footed bat	Burma, Laos
 <i>Pipistrellus</i>; (<i>Vespertilio</i>); pipistrelles; Europe, Africa – Solomon Is, Australia, Tasmania; S Canada – Honduras.		
<i>P. aero</i>		NW Kenya, ? Ethiopia
<i>P. affinis</i>	Chocolate bat	NE Burma, Yunnan
<i>P. anchietai</i>	Anchieta's pipistrelle	Angola, S Zaire, Zambia
<i>P. angulatus</i> (<i>collinus</i>) (<i>papuanus</i>)	Greater New Guinea pipistrelle	New Guinea etc., Solomons, S Moluccas, N, ? W Australia, ? N Celebes; possibly conspecific with <i>P. tenuis</i> ; ref. 4.84

<i>P. anthonyi</i>		N Burma
<i>P. ariel</i>	Desert pipistrelle	Egypt, Sudan
<i>P. babu</i>		Pakistan, N, C India
<i>P. bodenheimeri</i>		Israel, SW Arabia, ? Socotra I
<i>P. cadornae</i>		NE India – Thailand
<i>P. ceylonicus</i>	Kelaart's pipistrelle	Pakistan – S China, Borneo, Sri Lanka
<i>P. circumdatus</i>	Gilded black pipistrelle	N Burma – Java
<i>P. coromandra</i>	Indian pipistrelle	E Afghanistan – S China, Vietnam, Sri Lanka
<i>P. crassulus</i>	Broad-headed pipistrelle	Cameroun, C Zaire
<i>P. deserti</i>	Desert pipistrelle	Algeria – Egypt, N Sudan, Upper Volta
<i>P. eisentrauti</i>	Eisentraut's pipistrelle	Cameroun
<i>P. endoi</i>		Honshu, Japan
<i>P. hesperus</i>	Western pipistrelle (Canyon bat)	Washington – C Mexico
<i>P. imbricatus</i>	Brown pipistrelle	Malaya – Java, Celebes, Philippines; ref. 4.84
<i>P. inexpectatus</i>	Aellen's pipistrelle	Cameroun, ? Sudan, ? Zaire
<i>P. javanicus</i>	Javan pipistrelle	Japan, E Siberia – Java, Borneo, Celebes, Philippines, ? N Australia
<i>P. joffrei</i>		Burma
<i>P. kitcheneri</i>		Borneo
<i>P. kuhli</i>	Kuhl's pipistrelle	Africa, SW Europe – Kashmir
<i>P. lophurus</i>		S Thailand, S Burma
<i>P. macrotis</i>		Sumatra etc.
<i>P. maderensis</i>	Madeira pipistrelle	Madeira, Canary Is
<i>P. mimus</i>	Indian pygmy pipistrelle	Pakistan, India – N Vietnam, Sri Lanka
<i>P. minahassae</i>	Minahassa pipistrelle	N Celebes
<i>P. mordax</i>		Java, ? Sri Lanka, ? India
<i>P. murrayi</i>		Christmas I, Indian Ocean; ? Cocos-Keeling Is; possibly subspecies of <i>P. tenuis</i> ; ref. 4.84
<i>P. musciculus</i>	Least pipistrelle	Cameroun, C Zaire, Gabon
<i>P. nanulus</i>	Tiny pipistrelle	Nigeria – NE Zaire
<i>P. nanus</i>	Banana bat	Sierra Leone – Somalia – S Africa, Madagascar

<i>P. nathusii</i>	Nathusius' pipistrelle	Spain – Urals, Caucasus
<i>P. peguensis</i>		Pegu, S Burma; ref. 4.85
<i>P. permixtus</i>	Dar-es-Salaam pipistrelle	Tanzania
<i>P. petersi</i>	Peters' pipistrelle	N Celebes, ? Buru, S Moluccas
<i>P. pipistrellus</i>	Common pipistrelle	W Europe, Morocco – Kashmir, ? Korea
<i>P. pulveratus</i>		S China, Thailand
<i>P. rueppelli</i>	Rüpell's bat	Senegal – Tanzania – Botswana, Egypt, Iraq
<i>P. rusticus</i>	Rusty bat	Ghana – Ethiopia – Namibia, Transvaal
<i>P. savii</i>	Savi's pipistrelle	Canary, Cape Verde Is, Iberia, Morocco – Korea, Japan, Burma
<i>P. societatis</i>		Malaya; ref. 4.61
<i>P. stenopterus</i>		Malaya, Sumatra, Borneo, Philippines
<i>P. subflavus</i>	Eastern pipistrelle	SE Canada – Honduras
<i>P. tasmaniensis</i>	Tasmanian pipistrelle	E Australia, Tasmania
<i>P. tenuis</i>	Least pipistrelle	S Thailand – Java, Borneo, Philippines, Celebes, Timor
<i>Scotozous</i>		
<i>S. dormeri</i>		India

Nyctalus

<i>N. aviator</i>		Korea, Japan
<i>N. lasiopterus</i>	Giant noctule	SW Europe – Iran
<i>N. leisleri</i>	Lesser noctule	Madeira, Azores, W Europe – N India
<i>N. montanus</i>		E Afghanistan – N India
<i>N. noctula</i>	Noctule	Britain, Morocco, W Europe – China, Japan, Taiwan, ? Malaya

Glischropus

<i>G. javanicus</i>		Java
<i>G. tylopus</i>	Thick-thumbed pipistrelle	Burma – Sumatra, Borneo, Palawan

Eptesicus; (*Vespertilio*); serotines, brown bats; Europe – E Asia, Africa, Australia; Alaska – Argentina; ref. 4.86 (S America); 4.90 (Australia).

Subgenus *Eptesicus*

<i>E. bobrinskoi</i>		Kazakhstan, NW Iran
<i>E. bottae</i>	Botta's serotine	NE Egypt – Arabia – Turkestan
<i>E. brasiliensis</i> (<i>andinus</i>)	Brazilian brown bat	C Mexico – Peru, C, SE Argentina; ref. 4.6
<i>E. brunneus</i>	Dark brown serotine	Ivory Coast – C Zaire
<i>E. capensis</i>	Cape serotine	Africa S of Sahara, Ethiopia, Madagascar
<i>E. chiriquinus</i>	Chiriqui brown bat	Panama; probably referable to <i>E. brasiliensis</i> ; ref. 4.6
<i>E. demissus</i>		S Thailand
<i>E. diminutus</i>		E, SE Brazil – N Argentina, Uruguay; ref. 4.88
<i>E. douglasi</i>		W Australia; ref. 4.87
<i>E. flavescens</i>		Angola
<i>E. furinalis</i> (<i>montosus</i>)		Mexico – N Argentina; ref. 4.6
<i>E. fuscus</i>	Big brown bat	Alaska, S Canada – Colombia, Venezuela, Bahamas, Cuba, Hispaniola, Puerto Rico
<i>E. guadeloupensis</i>		Guadeloupe, Lesser Antilles; ref. 4.89
<i>E. guineensis</i>	Tiny serotine	Senegal – Sudan, NE Zaire
<i>E. hottentotus</i>	Long-tailed house bat	Namibia – Mozambique, S Africa
<i>E. innoxius</i>		W Ecuador, W Peru, ? Panama
<i>E. loveni</i>	Loven's serotine	W Kenya
<i>E. lynnii</i>	Lynn's brown bat	Jamaica
<i>E. melckorum</i>	Melck's house bat	Zambia, Mozambique, SW Cape Prov.
<i>E. nasutus</i>	Sind bat	S Arabia – Pakistan
<i>E. nilssoni</i>	Northern bat	France, Norway – E Siberia, Japan, Iraq, Tibet
<i>E. pachyotis</i>	Thick-eared bat	Assam – N Thailand
<i>E. platyops</i>	Lagos serotine	Senegal, Nigeria; possibly subspecies of <i>E. serotinus</i> ; ref. 4.35

<i>E. pumilus</i>	Little bat	N, C, E Australia
<i>E. regulus</i>		SW, SE Australia
<i>E. rendalli</i>	Rendall's serotine	Gambia – Somalia – Mozambique, Botswana
<i>E. sagittula</i>		SE Australia, Lord Howe I
<i>E. serotinus</i>	Serotine	England, Morocco, W Europe – Thailand, China, Korea
<i>E. somalicus</i>	Somali serotine	Somalia – Upper Volta, Togo, NE Zaire, Kenya, ? Cameroun, ? Namibia
<i>E. tenuipinnis</i>	White-winged serotine	Guinea – Kenya – Angola
<i>E. vulturinus</i>		SE Australia, Tasmania
<i>E. walli</i>	Wall's serotine	S Iraq, SW Iran; status doubtful
<i>E. zuluensis</i>	Aloe bat	Namibia, Zambia – S Africa

Subgenus *Rhinopterus*

<i>E. floweri</i>	Horn-skinned bat	Mali, S Sudan
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Ia; ref. 4.91.

<i>I. io</i>	Great evening bat	Assam – S China, Indochina
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Vespertilio

<i>V. murinus</i>	Particolored bat	Scandinavia, Siberia – Iran, Afghanistan
<i>V. orientalis</i>		E China, Honshu, Taiwan
<i>V. superans</i>		E Siberia, E China, Japan

Laephotis; Africa S of Sahara; ref. 4.92.

<i>L. angolensis</i>		Angola, S Zaire
<i>L. botswanae</i>		S Zaire, Zambia, NW Botswana
<i>L. namibensis</i>		Namibia
<i>L. wintoni</i>	De Winton's long-eared bat	Ethiopia, Kenya

<i>Histiotus</i> ; big-eared brown bats; Colombia – Chile, Argentina.		
<i>H. alienus</i>	Brazil, Uruguay	
<i>H. laephotis</i>	Bolivia	
<i>H. macrotus</i>	Chile, Peru	
<i>H. montanus</i>	Colombia – Chile, Argentina	
<i>H. velatus</i>	Brazil	
<i>Philetor</i> ; ref. 4.93, 94.		
<i>P. brachypterus</i>	New Guinea brown bat	Malaya – New Guinea; Borneo, ? Java
<i>Tylonycteris</i>		
<i>T. pachypus</i>	Lesser club-footed bat (Flat-headed bat)	India, S China – Java, Lesser Sundas, Borneo, Philippines
<i>T. robustula</i>	Greater club-footed bat (Flat-headed bat)	SW China – Java, Borneo, Celebes, Timor
<i>Mimetillus</i>		
<i>M. moloneyi</i>	Moloney's flat-headed bat	Sierra Leone – W Kenya – Angola
<i>Hesperoptenus</i> ; ref. 4.95.		
Subgenus <i>Hesperoptenus</i>		
<i>H. doriae</i>	False serotine bat	Malaya, Borneo
Subgenus <i>Milithronycteris</i>		
<i>H. blanfordi</i>	Blanford's bat	S Burma – Malaya
<i>H. tickelli</i>	Tickell's bat	India – Thailand, Andaman Is, Sri Lanka, ? S China
<i>H. tomesi</i>		Malaya, Borneo
<i>Glauconycteris</i> ; Africa S of Sahara; ref. 4.96.		
<i>G. alboguttatus</i>	Allen's striped bat	E Zaire
<i>G. argentata</i>	Silvered bat	Cameroun – Kenya – NE Angola, Tanzania
<i>G. beatrix</i>	Beatrix bat	Cameroun – Uganda
<i>G. egeria</i>	Bibundi bat	Cameroun
<i>G. gleni</i>		Cameroun, Uganda; ref. 4.97
<i>G. machadoi</i>	Machado's butterfly bat	E Angola; possibly subspecies of
<i>G. poensis</i>	Abo bat	<i>G. variegata</i> ; ref. 4.96
		Ghana – C, E Zaire, Fernando Poo

<i>G. superba</i>	Pied bat	Ghana, NE Zaire
<i>G. variegata</i>	Butterfly bat	Ghana – Somalia – Namibia, Mozambique
<i>Chalinolobus</i>; Australia; ref. 4.96, 98.		
<i>C. dwyeri</i>	Large-eared pied bat	S Queensland – C New South Wales
<i>C. gouldi</i>	Gould's wattled bat	Australia, New Caledonia
<i>C. morio</i>	Chocolate bat	S Australia, Tasmania
<i>C. nigrogriseus</i>	Hoary Bat (Frosted bat)	SE New Guinea, Fergusson I, N Australia
<i>C. picatus</i>	Little pied bat	S Queensland – New South Wales
<i>C. tuberculatus</i>		New Zealand; ref. 4.99
<i>Scotoecus</i>; Africa – N India; ref. 4.100.		
<i>S. albofuscus</i>	Light-winged lesser house bat	Senegal – Tanzania, S Malawi, Mozambique, ? Zambia
<i>S. hindei</i>		Nigeria – Somalia – Tanzania – Angola
<i>S. hirundo</i>		Senegal – Ethiopia
<i>S. pallidus</i>		Pakistan, N India
<i>Nycticeius</i>		
Subgenus <i>Nycticeius</i> ; ref. 4.125		
<i>N. humeralis</i>	Evening bat	C, SE USA – E Mexico,
(<i>cubanus</i>)	(Twilight bat)	Cuba; ref. 4.12
<i>N. schlieffeni</i>	Schlieffen's bat	Mauretania – Egypt – Namibia, Mozambique, SW Arabia
Subgenus <i>Scotoreanax</i>		
<i>N. rueppelli</i>	Rüpell's broad-nosed bat	E Queensland, E New South Wales
Subgenus <i>Scotorepens</i>		
<i>N. balstoni</i>	Balston's broad-nosed bat	W, N, E, SC Australia, New Guinea
(? <i>orion</i>)		
(? <i>sanborni</i>)		
<i>N. greyi</i>	Little broad-nosed bat (Grey's bat)	W, N Australia
<i>N. influatus</i>	Hughenden broad-nosed bat	C Queensland
<i>Rhogeessa</i>; C, S America; ref. 4.101.		
<i>R. gracilis</i>	Slender yellow bat	W Mexico

<i>R. minutilla</i>		N Venezuela, NE Colombia
<i>R. mira</i>		Michoacan, C Mexico
<i>R. parvula</i>	Little yellow bat	W Mexico
<i>R. tumida</i>		E Mexico – Ecuador, S Brazil, Bolivia
<i>Baeodon</i>; (<i>Rhogeessa</i>); ref. 4.101.		
<i>B. allenii</i>	Allen's baeodon	W, C Mexico
<i>Scotomanes</i>		
<i>S. emarginatus</i>		India; ref. 4.102
<i>S. ornatus</i>	Harlequin bat	N India – S China, Vietnam
<i>Scotophilus</i>; Africa, SE Asia.		
<i>S. borbonicus</i>		Reunion, Madagascar
<i>S. celebensis</i>	Celebes yellow bat	N Celebes
<i>S. dinganii</i>	African yellow house bat	Senegal – Ethiopia – S Africa, Madagascar; ref. 4.103
<i>S. heathi</i>	Asiatic greater yellow house bat	Afghanistan – S China, Vietnam, Sri Lanka
<i>S. kuhli</i>	Asiatic lesser yellow house bat	Pakistan – Hainan – Timor, Borneo, Philippines, Taiwan; ref. 4.37, 104
<i>S. leucogaster</i>		Senegal – Somalia, Aden
<i>S. nigrita</i>	Greater brown bat	Senegal – S Sudan – Mozambique; ref. 4.103
<i>S. nigrifellus</i>		Niger, Mali – Ivory Coast, Ghana, Togo; ref. 4.4
<i>S. viridis</i>		Tanzania – Angola, S Africa
<i>Otonycteris</i>		
<i>O. hemprichi</i>	Hemprich's long-eared bat	Algeria – Egypt – Afghanistan
<i>Lasiurus</i>		
<i>L. castaneus</i>		Panama; ref. 4.105
<i>L. cinereus</i>	Hoary bat	S Canada – C Chile, N Argentina, Hawaii; vagrant Iceland, Orkney, Bermuda; (*)
<i>L. borealis</i>	Red bat	S Canada – C Chile, Argentina, Bahamas, Greater Antilles, Puerto Rico

L. brachyotis

L. seminolus

Seminole bat

Galapagos Is

E USA

Dasypterus; (Lasiurus).

D. ega

Southern yellow bat

SW USA – Argentina

D. egregius

Panama, Brazil

D. intermedius

Northern yellow bat
(Eastern yellow bat)

SE Virginia – Honduras,
Cuba

***Barbastella;* barbastelles.**

B. barbastellus

Western barbastelle

England, France,
Morocco – Caucasus

B. leucomelas

Eastern barbastelle

Caucasus – N India,
W China, Japan,
? NE Africa

***Plecotus;* long-eared bats.**

Subgenus *Plecotus*

P. auritus

Common long-eared bat

Britain, France –
NE China, Korea,
Japan, ? N India

P. austriacus

Grey long-eared bat

Spain, S England –
W China, Cape Verde Is,
N Africa

Subgenus *Corynorhinus*

P. mexicanus

Rafinesque's big-eared

NW, NE, C Mexico
SE USA

P. rafinesquei

bat
(Eastern lump-nosed
bat)

P. townsendi

Townsend's big-eared bat
(Lump-nosed bat)

SW Canada, W USA –
Mexico; (*)

***Idionycteris;* (*Plecotus*).**

I. phyllotis

Allen's big-eared bat

Arizona, W New
Mexico – C Mexico

Euderma

E. maculatum

Spotted bat
(Pinto bat)

W, S USA – N, C
Mexico; *

Subfamily Miniopterinae

***Miniopterus;* long-fingered bats.**

M. australis

Little long-fingered bat

Thailand, Philippines –
E Australia, New
Caledonia, Loyalty Is

<i>M. fraterculus</i>	Lesser long-fingered bat	Malawi – S Africa; ? Zambia
<i>M. inflatus</i>	Greater long-fingered bat	Cameroun – Somalia, Zambia, Mozambique
<i>M. medius</i>	SE Asian long-fingered bat	Thailand – Java, Philippines, New Caledonia, Loyalty Is
<i>M. minor</i>	Least long-fingered bat	Congo Rep. – Tanzania, Madagascar
<i>M. robustior</i>		Loyalty Is
<i>M. schreibersi</i>	Schreiber's long-fingered bat	Africa, Madagascar, SW Europe – China, Japan, Philippines, Solomons, NW, N, E Australia
<i>M. tristis</i>		Philippines, New Guinea, Solomons, New Hebrides

Subfamily Murininae*Murina*; tube-nosed bats.Subgenus *Murina*

<i>M. aenea</i>	Bronze tube-nosed bat	Malaya; ref. 4.106
<i>M. aurata</i>	Little tube-nosed bat	Nepal – China, Korea, Sakhalin, Japan
<i>M. balstoni</i>		Java
<i>M. cyclotis</i>	Round-eared tube-nosed bat	N India – S China – Malaya, Hainan, Sri Lanka, Philippines, Borneo; ref. 4.106
<i>M. florium</i>	Flores tube-nosed bat	Lesser Sunda Is, S Moluccas
<i>M. huttoni</i>	Hutton's tube-nosed bat	Himalayas – S China, Malaya; ref. 4.106
<i>M. leucogaster</i>	Greater tube-nosed bat	NE India, S China – E Siberia, Japan
<i>M. suilla</i>	Brown tube-nosed bat	Malaya – Java, Borneo
<i>M. tenebrosa</i>		Tsushima I, Japan
<i>M. tubinaris</i>		Kashmir – Vietnam; ref. 4.106

Subgenus *Harpiola*

<i>M. grisea</i>	Peters' tube-nosed bat	NW India
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Harpiocephalus

<i>H. harpia</i>	Hairy-winged bat	India – Vietnam, Sumatra, Java, S Moluccas
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Subfamily Kerivoulinae***Kerivoula***; woolly bats; ref. 4.107 (Asia).

<i>K. africana</i>	Tanzanian woolly bat	Tanzania
<i>K. agnella</i>	Louiadié trumpet-eared bat	Sudest I, SE New Guinea; St Aignan's I, Louiadié Arch.
<i>K. argentata</i>	Damara woolly bat	S Kenya – Namibia – Natal
<i>K. cuprosa</i>	Copper woolly bat	S Cameroun, Kenya, ? Zaire
<i>K. eriophora</i>		Ethiopia; possibly conspecific with <i>K. africana</i>
<i>K. hardwickei</i>	Hardwicke's forest bat	Sri Lanka, India – S China – Java, Lesser Sundas, Philippines, Celebes
<i>K. lanosa</i>	Lesser woolly bat	Liberia – Ethiopia – S Africa; ref. 4.108
<i>K. minuta</i>	Least forest bat	S Thailand, Malaya
<i>K. muscina</i>	Fly River trumpet-eared bat	SE New Guinea
<i>K. myrella</i>	Bismarck trumpet-eared bat	Admiralty Is, Bismarck Arch.
<i>K. papillosa</i>	Papillose bat	NE India – Java, Borneo
<i>K. pellucida</i>	Clear-winged bat	Philippines, Malaya, Borneo, ? Sumatra, Java
<i>K. phalaena</i>	Spurrell's woolly bat	Liberia, Ghana, Cameroun, Zaire
<i>K. picta</i>	Painted bat	Sri Lanka, S India – S China – Java, Lesser Sundas, Borneo, Ternate I
<i>K. smithi</i>	Smith's woolly bat	Nigeria – E Zaire, Kenya
<i>K. whiteheadi</i>		S Thailand, Borneo, Philippines

Phoniscus; ref. 4.107.

<i>P. aerosa</i>	Dubious trumpet-eared bat	? SE Asia; origin and status uncertain
<i>P. atrox</i>	Groove-toothed bat	S Thailand, Malaya, Sumatra
<i>P. jagori</i>	Peter's trumpet-eared bat	Samar I, Philippines, Java, ? Celebes
<i>P. papuensis</i>	Papuan trumpet-eared bat	E New Guinea, NE Queensland

Subfamily Nyctophilinae***Antrozous***; (*Bauerus*); possibly a member of the Vespertilioninae; ref. 4.109.

<i>A. dubiaquercus</i> (<i>meyeri</i>)		Tres Marias Is, Veracruz, Mexico, Honduras; ref. 4.110
<i>A. koopmani</i>		Cuba
<i>A. pallidus</i>	Pallid bat	Br. Colombia, W, C USA – W Mexico
<i>Lamingtona</i> ; 4.111.		

<i>L. lophorhina</i>	Lamington free-eared bat	SE New Guinea
<i>Nyctophilus</i>		
<i>N. arnhemensis</i>	Arnhem Land long-eared bat	N Northern Terr., Australia; ref. 4.112
<i>N. bifasciatus</i>	Northern long-eared bat	N Australia
<i>N. geoffroyi</i>	Lesser long-eared bat	C, S Australia, Tasmania
<i>N. microdon</i>	Small-toothed long-eared bat	SE New Guinea
<i>N. microtis</i>	Papuan long-eared bat	SE New Guinea
<i>N. timoriensis</i>	Greater long-eared bat	Australia, Tasmania, ? Timor
<i>N. walkeri</i>		N Northern Terr., Australia

Pharotis

<i>P. imogene</i>	Big-eared bat	SE New Guinea
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Subfamily Tomopeatinae***Tomopeas***

<i>T. rarus</i>		NW Peru
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Family Mystacinidae

One species.

Mystacina; ref. 4.99.

<i>M. tuberculata</i>	New Zealand short-tailed bat	New Zealand, Stewart I
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Family Molossidae

Free-tailed bats; c. 91 species; tropics and subtropics of Old and New Worlds.

Tadarida; free-tailed bats; ref. 4.113 (Africa), 4.114 (Asia).

Subgenus *Tadarida*

<i>T. aegyptiaca</i>	Egyptian free-tailed bat	Africa, Arabia, Iran – India, Sri Lanka
<i>T. africana</i>	Giant African free-tailed bat	Sudan, Ethiopia – Mozambique, Transvaal
<i>T. ansorgei</i>	Ansorge's free-tailed bat	Cameroun, Ethiopia – Angola
<i>T. aurispinosa</i> (<i>similis</i>)		Mexico, Colombia, Peru, E Brazil; ref. 4.6
<i>T. australis</i>	Southern mastiff-bat	E, SW, S Australia
<i>T. bemmeleni</i>	Gland-tailed free-tailed bat	Liberia – S Sudan – N Tanzania; ref. 4.115
<i>T. bivittata</i>	Spotted free-tailed bat	Ethiopia – Zambia, Mozambique
<i>T. brasiliensis</i>	Brazilian free-tailed bat	W, S USA – C Chile, Argentina, Bahamas, Antilles
<i>T. europus</i>		Venezuela, Brazil, Trinidad
<i>T. femorosacca</i>	Pocketed free-tailed bat	S USA – S Mexico
<i>T. fulminans</i>	Madagascar large free-tailed bat	E Zaire, Kenya – Rhodesia, Madagascar
<i>T. gracilis</i>		Venezuela, Brazil
<i>T. kuboriensis</i>	Small-eared mastiff bat	SE New Guinea; ref. 4.111
<i>T. laticaudata</i>	Broad-tailed bat	NE Mexico – Venezuela – Paraguay; Cuba
<i>T. lobata</i>	Big-eared Kenya free-tailed bat	Kenya, Rhodesia; ref. 4.116
<i>T. macrotis</i>	Big free-tailed bat	C USA – Brazil, Paraguay, Greater Antilles
<i>T. teniotis</i>	European free-tailed bat	S Europe, N Africa – N India, China, Korea, Japan, Taiwan

<i>T. ventralis</i>	Giant African free-tailed bat	S Sudan, Ethiopia – Malawi, Transvaal
<i>T. yucatanica</i>	Yucatan free-tailed bat	S Mexico – Guatemala
Subgenus <i>Mops</i>		
<i>T. brachypterus</i>		Mozambique; status doubtful
<i>T. condylura</i>	Angola free-tailed bat	Gambia – Somalia – Angola, Mozambique, Madagascar
<i>T. congica</i>	Medje free-tailed bat	Nigeria, Cameroun, NE Zaire; ref. 4.117
<i>T. demonstrator</i>	Mongalla free-tailed bat	Upper Volta, Sudan, NE Zaire, Uganda
<i>T. lanei</i>		Mindanao, Philippines
<i>T. leonis</i>	Sierra Leone free-tailed bat	Sierra Leone – E Zaire
<i>T. midas</i>	Midas bat	Senegal – Ethiopia – Rhodesia, SW Arabia, Madagascar
<i>T. mops</i>	Malayan free-tailed bat	Malaya, Sumatra, Borneo, ? Java
<i>T. nanula</i>	Dwarf free-tailed bat	Sierra Leone – Ethiopia, Kenya
<i>T. niveiventer</i>	White-bellied free-tailed bat	Zaire – Angola, N Botswana, Zambia, ? Madagascar
<i>T. sarasinorum</i>	Celebes mastiff-bat	C Celebes
<i>T. thersites</i>	Railer bat	Sierra Leone – S, E Zaire, ? Zanzibar
<i>T. trevori</i>		S Sudan, NE Zaire, Uganda; ref. 4.117
Subgenus <i>Mormopterus</i>		
<i>T. acetabulosus</i>	Natal wrinkle-lipped bat	Ethiopia, Natal, Madagascar, Mauritius, Reunion
<i>T. beccarii</i>	Beccari's mastiff bat	Amboina, New Guinea, Queensland
<i>T. doriae</i>		Sumatra
<i>T. jugularis</i>	Peters' wrinkle-lipped bat	Madagascar
<i>T. kalinowskii</i>		Peru, N Chile
<i>T. minuta</i>		Cuba
<i>T. norfolkensis</i>	Norfolk Island scurrying bat	SE Queensland, Norfolk I

<i>T. phrudus</i>		Peru
<i>T. planiceps</i>	Little flat bat	N, W, S Australia, SE New Guinea
Subgenus <i>Chaerephon</i>		
<i>T. aloysiisabaudiae</i>	Duke of Abruzzi's free-tailed bat	Ghana, Gabon, N Zaire, Uganda
<i>T. chapini</i>	Chapin's free-tailed bat	W, NE Zaire, Uganda – Namibia ? Ethiopia
<i>T. gallagheri</i>		C Zaire; ref. 4.118
<i>T. jobensis</i>	Northern mastiff-bat	New Guinea, N Australia, Solomons, Fiji
<i>T. johorensis</i>	Dato Meldrum's bat	Malaya, Sumatra
<i>T. major</i>	Lappet-eared free-tailed bat	Ghana, Mali – S Sudan – Tanzania
<i>T. nigeriae</i>	Nigerian free-tailed bat	Nigeria – Ethiopia – Namibia, Zambia
<i>T. plicata</i>	Wrinkle-lipped bat	Sri Lanka, India – S China – Java, Borneo, Cocos-Keeling Is, Philippines, Hainan
<i>T. pumila</i>	Little free-tailed bat	Senegal – Somalia – Angola, Natal, Madagascar, SW Arabia
<i>T. pusillus</i>		Aldabra I, Indian Ocean
<i>T. russata</i>	Russet free-tailed bat	Ghana, Cameroun, NE Zaire

***Xiphonycteris*; (*Tadarida*); ref. 4.113.**

<i>X. spurrelli</i>	Spurrell's free-tailed bat
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Ghana, Togo, Rio Muni,
Fernando Poo;
? Zaire

Otomops

<i>O. martiensseni</i>	Martienssen's free-tailed bat
<i>O. papuensis</i>	Big-eared mastiff-bat
<i>O. secundus</i>	Mantled mastiff-bat
<i>O. wroughtoni</i>	Wroughton's free-tailed bat

Ethiopia – Angola,
Natal, Madagascar
C New Guinea
NC New Guinea
S India

***Neoplatytmops*; ref. 4.119.**

<i>N. mattogrossensis</i>

C Venezuela, S Guyana,
C Brazil

Sauromys

<i>S. petrophilus</i>	Robert's flat-headed bat	Namibia – Rhodesia, Mozambique, S Africa
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Platymops

<i>P. setiger</i>	Peters' flat-headed bat	SE Sudan, S Ethiopia, Kenya
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Myopterus

<i>M. albatrus</i>	Banded free-tailed bat	Ivory Coast, NE Zaire
<i>M. daubentonii</i>	Daubenton's free-tailed bat	Senegal; ref. 4.120
<i>M. whitneyi</i>	Bini free-tailed bat	Ghana – Zaire, Uganda

Molossops

Subgenus <i>Molossops</i>		
<i>M. aequatorianus</i>		W Ecuador
<i>M. temmincki</i>		Colombia – N Argentina, Uruguay

Subgenus *Cynomops*

<i>M. abrasus</i>		Venezuela
<i>M. brachymeles</i>		Peru – N Argentina; Guianas
<i>M. greenhalli</i>		W Mexico – Venezuela, Trinidad
<i>M. milleri</i>		Peru
<i>M. paranus</i>		C Mexico, Venezuela, Brazil
<i>M. planirostris</i>	Dog-faced bat	Panama – Guyana, Brazil

Eumops; ref. 4.121.

<i>E. auripendulus</i>	Slouch-eared bat	S Mexico – N Argentina, Trinidad, Jamaica
<i>E. bonariensis</i>	Peters' mastiff-bat	S Mexico – C Argentina
<i>E. dabbenei</i>		N Venezuela, N Colombia, N Argentina, Paraguay
<i>E. glaucinus</i>	Wagner's mastiff-bat	S Florida; C Mexico – Paraguay, SE Brazil; Cuba, Jamaica
<i>E. hansae</i>		Costa Rica – Brazil, Guyana

<i>E. maurus</i>	Guianan mastiff-bat	Guyana, Surinam
<i>E. perotis</i> (<i>trumbulli</i>)	Greater mastiff-bat	S USA – C Mexico, Venezuela – N Argentina, Cuba; ref. 4.6
<i>E. underwoodi</i>	Underwood's mastiff-bat	S Arizona – Honduras
Promops		
<i>P. centralis</i> (<i>davisoni</i>)	Thomas' mastiff-bat	W Mexico – Peru, Paraguay; refs 4.6, 54
(<i>occultus</i>)		
<i>P. nasutus</i>		N Argentina – E Brazil, Trinidad
<i>P. pamana</i>		C Brazil
Molossus		
<i>M. ater</i>	Red mastiff-bat	N Mexico – Guyana – Peru, N Argentina, Trinidad
<i>M. barnesi</i>		French Guiana, Brazil
<i>M. bondae</i>	Bonda mastiff-bat	Honduras – N Colombia, NW Venezuela
<i>M. molossus</i>	Pallas' mastiff-bat	N Mexico – N Argentina, Trinidad, Antilles
<i>M. pretiosus</i>	Miller's mastiff-bat	Nicaragua – Venezuela
<i>M. sinaloae</i>	Allen's mastiff-bat	W Mexico – N Venezuela
<i>M. trinitatis</i>	Trinidad mastiff-bat	Trinidad
Cheiromeles		
<i>C. parvidens</i>		C Celebes, Philippines
<i>C. torquatus</i>	Hairless bat	Malaya – Java, Borneo, Philippines

ORDER PRIMATES

Primates; c. 179 species; S, C America, Africa, SE Asia; forest, (savanna); mainly arboreal; *.

Family Cheirogaleidae

Mouse-lemurs, dwarf lemurs; c. 7 species; Madagascar; forest; ref. 5.1; *.

Microcebus; mouse-lemurs.

<i>M. coquereli</i>	Coquerel's mouse-lemur	W Madagascar
<i>M. murinus</i>	Lesser mouse-lemur	S, W Madagascar
<i>M. rufus</i>	Russet mouse-lemur	E Madagascar

Cheirogaleus; dwarf lemurs.

<i>C. major</i>	Greater dwarf lemur	N, E Madagascar
<i>C. medius</i>	Fat-tailed dwarf lemur	S, W Madagascar

Allocebus

<i>A. trichotis</i>	Hairy-eared dwarf lemur	NE Madagascar
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Phaner

<i>P. furcifer</i>	Fork-marked lemur	N, W Madagascar
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Family Lemuridae

Large lemurs; c. 16 species; Madagascar; mainly forest; ref. 5.1; *.

Lemur

<i>L. catta</i>	Ring-tailed lemur	S Madagascar
<i>L. coronatus</i>	Crowned lemur	N Madagascar
<i>L. albifrons</i> (<i>fulvus</i>)	Brown lemur	Madagascar; ref. 5.2
<i>L. macaco</i>	Black lemur	NW Madagascar
<i>L. mongoz</i>	Mongoose-lemur	NW Madagascar
<i>L. rubriventer</i>	Red-bellied lemur	E Madagascar

Hapalemur; gentle lemurs.

<i>H. griseus</i>	Grey gentle lemur	E, N, WC Madagascar
<i>H. simus</i>	Broad-nosed gentle lemur	EC Madagascar

Varecia; (*Lemur*).

<i>V. variegata</i>	Ruffed lemur	E Madagascar
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Lepilemur

<i>L. dorsalis</i>		N Madagascar
<i>L. edwardsi</i>		NW Madagascar
<i>L. leucopus</i>		S Madagascar
<i>L. microdon</i>		E Madagascar
<i>L. mustelinus</i>	Weasel-lemur	NE Madagascar
<i>L. ruficaudatus</i>	Sportive lemur	SW Madagascar
<i>L. septentrionalis</i>		N Madagascar

Family Indriidae

Leaping lemurs; 4 species; Madagascar; forest; arboreal; ref. 5.1; *.

Avahi

<i>A. laniger</i>	Woolly lemur	E, NW Madagascar
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Propithecus; sifakas.

<i>P. diadema</i>	Diadem sifaka	E, N Madagascar
<i>P. verreauxi</i>	Verreaux's sifaka	W, S Madagascar

Indri

<i>I. indri</i>	Indri	NE Madagascar
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Family Daubentoniiidae

One species; *.

Daubentonnia

<i>D. madagascariensis</i>	Aye-aye	NE Madagascar; forest
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Family Lorisidae

Lorisises, bushbabies; c. 12 species; SE Asia, Africa; forest, (savanna); arboreal, omnivorous; *.

Loris

<i>L. tardigradus</i>	Slender loris	S India, Sri Lanka
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Nycticebus; slow lorises.

<i>N. coucang</i>		Assam – Java, Borneo, Philippines
<i>N. pygmaeus</i>		Indochina

Perodicticus

<i>P. potto</i>	Potto	Guinea – Zaire – Kenya; forest
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Arctocebus

<i>A. calabarensis</i>	Angwantibo	R Niger – R Zaire; forest
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Galago

<i>G. alleni</i>	Allen's bushbaby	R Niger – R Zaire; forest
<i>G. senegalensis</i>	Lesser bushbaby	Senegal – Somalia – Transvaal; savanna

Otolemur; (*Galago*); greater bushbabies; ref. 5.11.

<i>O. crassicaudatus</i>		Angola – Kenya – Natal
<i>O. garnetti</i>		S Somalia – N Mozambique

Euoticus; (*Galago*); needle-clawed bushbabies; C Africa; forest.

<i>E. elegantulus</i>	Western needle-clawed bushbaby	R Niger – R Zaire
<i>E. inustus</i>	Eastern needle-clawed bushbaby	E Zaire

Galagooides

<i>G. demidoff</i> (<i>demicovii</i>)	Demidoff's galago	Senegal – Tanzania; forest
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Family Tarsiidae

Tarsiers; 3 species; Sumatra, Borneo, Celebes, Philippines etc.; *.

Tarsius

<i>T. bancanus</i>	Western tarsier	Sumatra, Borneo
<i>T. spectrum</i>	Celebes tarsier	Celebes
<i>T. syrichta</i>	Philippine tarsier	Mindanao, Philippines

Family Callitrichidae

Marmosets, tamarins; c. 17 species; tropical S, C America; forest, (savanna); arboreal; ref. 5.3; *.

***Callithrix*; (*Hapale*); marmosets.**

<i>C. argentata</i>	Silvery marmoset (Black-tailed marmoset)	Brazil, Bolivia, S of Amazon
<i>C. humeralifer</i> (<i>chrysoleuca</i>) (<i>santaremensis</i>)	Santarem marmoset	R Madiera – R Tapajos, Amazon Basin
<i>C. jacchus</i> (<i>flaviceps</i>) (<i>penicillata</i>)	Common marmoset	E Brazil

Cebuella

<i>C. pygmaea</i>	Pygmy marmoset	Upper Amazon Basin
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***Saguinus*; (*Hapale*, *Leontocebus*); tamarins.**

<i>S. bicolor</i> (<i>martinsi</i>)	Bare-faced tamarin (Martin's tamarin)	NC Amazon Basin
<i>S. fuscicollis</i>	Saddle-back tamarin	Upper Amazon Basin
<i>S. graellsi</i>	Rio Napo tamarin	E Ecuador, NE Peru
<i>S. imperator</i>	Emperor tamarin	W Brazil, E Peru, N Bolivia
<i>S. inustus</i>		NW Brazil, E Colombia
<i>S. labiatus</i>	White-lipped tamarin	C Amazon
<i>S. leucopus</i>	White-footed tamarin	N Colombia
<i>S. midas</i> (<i>tamarin</i>)	Red-handed tamarin (Negro tamarin)	N Brazil, Guianas
<i>S. mystax</i>	Moustached tamarin	N Peru, NW Brazil (S of Amazon)
<i>S. nigricollis</i>	Black and red tamarin	NW Brazil, etc.
<i>S. oedipus</i> (<i>geoffroyi</i>)	Cotton-top tamarin, Geoffroy's tamarin	Colombia, Panama

***Leontopithecus*; (*Leontocebus*, *Leontideus*).**

<i>L. rosalia</i> (<i>chrysomelas</i>) (<i>chrysopygus</i>)	Golden lion tamarin (Golden-headed tamarin) (Golden-rumped tamarin)	SE Brazil; coastal forest
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Callimico

<i>C. goeldii</i>	Goeldi's marmoset	Upper Amazon Basin
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Family Cebidae

New-world monkeys; c. 32 species; S, C America; forest, arboreal; ref. 5.3; *.

Cebus; capuchin monkeys; Honduras – N Argentina.

<i>C. albifrons</i>	Brown pale-fronted capuchin	Upper Amazon, Venezuela, [Trinidad]
<i>C. apella</i>	Black-capped capuchin (Brown capuchin)	Colombia, Venezuela – N Argentina
<i>C. capucinus</i>	White-throated capuchin	Honduras – Colombia
<i>C. nigrovittatus</i> (<i>olivaceus</i>)	Weeper capuchin	Venezuela – mouth of Amazon
Aotus		
<i>A. trivirgatus</i>	Night monkey (Douroucouli)	Panama – Paraguay

Callicebus; titis.

<i>C. moloch</i>	Dusky titi	Colombia – Bolivia
<i>C. personatus</i>	Masked titi	SE Brazil
<i>C. torquatus</i>	Widow monkey	Amazon – Colombia, Venezuela

Saimiri; squirrel-monkeys.

<i>S. oerstedii</i>	Red-backed squirrel-monkey	Costa Rica, Panama
<i>S. sciureus</i>	Common squirrel-monkey	Colombia – Amazon Basin

Pithecia; sakis; ref. 5.10.

<i>P. albicans</i>		Central Amazon
<i>P. hirsuta</i>		Amazon Basin
<i>P. monachus</i>	Monk saki	Upper Amazon Basin
<i>P. pithecia</i>	White-faced saki	Orinoco – Lower Amazon

Cacajao; uakaris; Amazon Basin.

<i>C. calvus</i>	White uakari (Bald uakari)	C Amazon
<i>C. melanocephalus</i>	Black-headed uakari	C Amazon – S Venezuela
<i>C. rubicundus</i>	Red uakari	Upper Amazon Basin

Chiropotes; bearded sakis.

<i>C. albinasus</i>	White-nosed saki	S Amazon Basin
<i>C. satanas</i>	Black-bearded saki	Amazon – Guianas, Venezuela

Alouatta; howler monkeys; S Mexico – N Argentina.

<i>A. belzebul</i>	Black and red howler	Lower Amazon
<i>A. caraya</i>	Black howler	N Argentina – S Brazil
<i>A. fusca</i>	Brown howler	SE Brazil, Bolivia
<i>A. palliata</i>	Mantled howler	S Mexico – Ecuador
<i>A. seniculus</i>	Red howler	Colombia – mouth of Amazon – Bolivia
<i>A. villosa</i>	Guatemalan howler	S Mexico – Guatemala

Ateles; spider monkeys; C Mexico – Bolivia.

<i>A. belzebuth</i>	Long-haired spider monkey	Colombia, NW Brazil etc.
<i>A. fusciceps</i>	Brown-headed spider monkey	Panama – Ecuador
<i>A. geoffroyi</i>	Black-handed spider monkey	C Mexico – Panama
<i>A. paniscus</i>	Black spider monkey	NE Brazil, Guianas – Bolivia

Brachyteles

<i>B. arachnoides</i>	Woolly spider monkey	SE Brazil; coastal forest
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Lagothrix; woolly monkeys.

<i>L. flavicauda</i>	Hendee's woolly monkey	NE Peru
<i>L. lagothricha</i>	Common woolly monkey	C, Upper Amazon Basin

Family Cercopithecidae

Old-world monkeys; c. 76 species; Africa, S, E Asia; forest, (savanna); *.

Subfamily Cercopithecinae; ref. 5.6.

Macaca; (*Cynopithecus*); macaques; S, E Asia, (NW Africa); mainly forest; terrestrial, arboreal; ref. 5.7 (except Celebes).

<i>M. arctoides</i> (<i>speciosa</i>)	Bear macaque (Stump-tailed macaque)	Burma, S China – Malaya
<i>M. assamensis</i>	Assam macaque	Nepal – Thailand
<i>M. cyclopis</i>	Taiwan macaque	Taiwan
<i>M. fascicularis</i> (<i>irus</i>)	Crab-eating macaque	S Burma – Java, Borneo, Philippines
<i>M. fuscata</i> (<i>speciosa</i>)	Japanese macaque	Japan (except Hokkaido)
<i>M. mulatta</i>	Rhesus macaque	E Afghanistan – S, E China
<i>M. nemestrina</i>	Pigtail macaque	Assam – Sumatra, Borneo
<i>M. nigra</i> (<i>brunnescens</i>)	Celebes macaque (Black ape)	Celebes
<i>(maura)</i>	(Moor macaque)	
<i>(nigrescens)</i>		
<i>M. radiata</i>	Bonnet macaque	S India
<i>M. silenus</i>	Liontail macaque	SW India
<i>M. sinica</i>	Toque macaque	Sri Lanka
<i>M. sylvanus</i>	Barbary ape	Morocco, N Algeria

<i>M. thibetana</i>	Père David's macaque (Tibetan stump-tailed macaque)	Szechuan, Fukien, China
<i>Cercocebus</i> ; mangabeys; W, C, (E) Africa; forest.		
<i>C. albigena</i>	White-cheeked mangabey	Cameroun – Kenya, Tanzania
<i>C. aterrimus</i>	Black mangabey (Crested mangabey)	Zaire, Angola
<i>C. galeritus</i> (<i>agilis</i>)	Agile mangabey (Tana River mangabey)	Zaire etc., E Kenya
<i>C. torquatus</i> (<i>atys</i>)	White-collared mangabey (Sooty mangabey)	Sierra Leone – Congo Rep.

Papio; savanna baboons; Africa except NW, (S Arabia); savanna.

<i>P. anubis</i>	Olive baboon	R Niger – Kenya
<i>P. cynocephalus</i>	Yellow baboon	Somalia – Mozambique – Angola
<i>P. hamadryas</i>	Hamadryas baboon	Ethiopia, Somalia, S Arabia
<i>P. papio</i>	Guinea baboon	Senegal, Guinea
<i>P. ursinus</i>	Chacma baboon	Zambia, Angola – S Africa

Mandrillus; (*Papio*); forest baboons; WC Africa; forest.

<i>M. leucophaeus</i>	Drill	SE Nigeria – Sanaga R (Cameroun)
<i>M. sphinx</i>	Mandrill	Sanaga R – Gabon

Theropithecus

<i>T. gelada</i>	Gelada	Ethiopia; montane
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Cercopithecus; guenons; Africa S of Sahara; forest, (savanna).

<i>C. aethiops</i> (<i>pygerythrus</i>)	Savanna monkey (Green monkey)	Senegal – Somalia – S Africa; savanna
<i>(tantalus)</i>	(Vervet)	
<i>(sabaeus)</i>	(Grivet)	
<i>C. ascanius</i>	Schmidt's guenon etc.	W Kenya – Zambia, Angola
<i>C. campbelli</i>	Campbell's monkey	Gambia – Ghana
<i>C. cephus</i>	Moustached monkey	Cameroun – Gabon etc.
<i>C. denti</i> (<i>wolfi</i>)	Dent's monkey	NE, E Zaire

<i>C. diana</i>	Diana monkey	Sierra Leone – Ghana
<i>C. dryas</i>	Dryas monkey	C Zaire
<i>C. erythrogaster</i>	Red-bellied monkey	SW Nigeria
<i>C. erythrotis</i>	Red-eared monkey	Nigeria, Cameroun
<i>C. hamlyni</i>	Owl-faced monkey	E Zaire etc.
<i>C. lhoesti</i>	L'Hoest's monkey	SW Uganda, NE Zaire etc.
<i>C. mitis</i>	Diademed monkey (Sykes' monkey)	Somalia – Zaire – S Africa
<i>C. mona</i>	Mona monkey	Ghana – Cameroun
<i>C. neglectus</i>	De Brazza's monkey	Cameroun – Uganda – Angola
<i>C. nictitans</i>	Greater white-nosed monkey	Guinea – Zaire
<i>C. petaurista</i>	Lesser white-nosed monkey	Guinea – Togo
<i>C. pogonias</i>	Crowned guenon	SE Nigeria – N, W Zaire etc.
<i>C. preussi</i>	Preuss's monkey	W Cameroun etc.
<i>C. wolffii</i>	Wolf's monkey	C Zaire

***Miopithecus*; (*Cercopithecus*).**

<i>M. talapoin</i>	Talapoin	Gabon – W Angola; forest
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***Allenopithecus*; (*Cercopithecus*).**

<i>A. nigroviridis</i>	Allen's swamp monkey (Blackish-green guenon)	Zaire, Congo Rep.; forest
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***Erythrocebus*; (*Cercopithecus*).**

<i>E. patas</i>	Patas monkey	Senegal – Ethiopia – Tanzania; savanna, steppe
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Subfamily Colobinae; ref. 5.5.***Colobus***; colobus monkeys; W, C, E Africa; forest.

<i>C. angolensis</i>	Angolan black-and-white colobus	Angola – Kenya
<i>C. badius</i> (<i>rufomitratus</i>)	Red colobus	Gambia – Tanzania
<i>C. guereza</i>	Eastern black-and- white colobus	E Nigeria – Ethiopia – Tanzania
<i>C. kirkii</i>	Kirk's colobus	Zanzibar

<i>C. polykomos</i>	Western black-and-white colobus	Gambia – Togo
<i>C. satanas</i>	Black colobus	Cameroun – Gabon

***Procolobus*; (*Colobus*).**

<i>P. verus</i>	Olive colobus	Sierra Leone – Ghana; forest
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***Pygathrix*; (*Rhinopithecus*).**

<i>P. avunculus</i>	Tonkin snub-nosed monkey	N Vietnam
<i>P. brelichi</i>		Kweichow, S China
<i>P. nemaeus</i>	Douc langur	Indochina, Hainan
<i>P. roxellana</i>	Snub-nosed monkey	Yunnan, Szechuan, S China

***Nasalis*; (*Simias*).**

<i>N. concolor</i>	Pig-tailed langur	Mentawai Is (Sumatra)
<i>N. larvatus</i>	Proboscis monkey	Borneo

***Presbytis*; leaf monkeys; SE Asia; forest.**

<i>P. aygula</i>	Sunda leaf monkey	Sumatra, Java, Borneo
<i>P. cristata</i>	Silvered leaf monkey	Indochina – Java, Borneo
<i>P. entellus</i>	Langur	India etc., Sri Lanka
<i>P. francoisi</i>	François' monkey	S China, Indochina
<i>P. frontata</i>	White-fronted leaf monkey	Borneo
<i>P. geei</i>	Golden langur	Assam, Bhutan
<i>P. hosei</i>	Grey leaf monkey	Borneo
<i>P. johni</i>	Nilgiri langur	SW India; possibly a race of <i>P. vetulus</i>
<i>P. melalophos</i>	Banded leaf monkey	Thailand – Sumatra, Borneo
<i>P. obscura</i>	Dusky leaf monkey (Spectacled leaf monkey)	S Thailand, Malaya
<i>P. phayrei</i>	Phayre's leaf monkey	Burma, Thailand etc.
<i>P. pileata</i>	Capped langur	Assam, Burma
<i>P. potenziani</i>	Mentawai leaf monkey	Mentawai Is (Sumatra)
<i>P. rubicunda</i>	Maroon leaf monkey	Borneo
<i>P. thomasi</i>		Sumatra
<i>P. vetulus</i> (<i>senex</i>)	Purple-faced langur	Sri Lanka

Family Pongidae

Apes; 10 species; W, C Africa, SE Asia; forest; *.

Hylobates; (*Nomascus*, *Sympalangus*); gibbons; SE Asia; ref. 5.8.

<i>H. concolor</i>	Crested gibbon (Black gibbon)	Indochina, Hainan
<i>H. hoolock</i>	Hoolock gibbon	Assam, Burma, Yunnan
<i>H. klossi</i>	Kloss's gibbon (Dwarf siamang)	Mentawai Is (Sumatra)
<i>H. lar</i> (<i>agilis</i>) (<i>moloch</i>) (<i>muelleri</i>)	Common gibbon (Lar gibbon)	S Burma – Sumatra, Java, Borneo
<i>H. pileatus</i>	Pileated gibbon	SE Thailand etc.
<i>H. syndactylus</i>	Siamang	Malaya, Sumatra

Pongo

<i>P. pygmaeus</i>	Orang-utan	Sumatra, Borneo
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Pan; chimpanzees; ref. 5.9.

<i>P. paniscus</i>	Pygmy chimpanzee	Zaire (S of Zaire R.)
<i>P. troglodytes</i>	Chimpanzee	Guinea – Zaire – Uganda, Tanzania

Gorilla

<i>G. gorilla</i>	Gorilla	SE Nigeria – W Zaire; E Zaire etc.
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Family Hominidae***Homo***

<i>H. sapiens</i>	Man	Worldwide
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ORDER CARNIVORA

Carnivores; c. 240 species; worldwide; terrestrial, arboreal, (aquatic) carnivores and omnivores.

Family Canidae

Dogs, foxes; c. 35 species; Eurasia, Americas, Africa, [Australia].

Canis; dogs, jackals; Africa, Eurasia, N, C America; desert – open forest.

<i>C. adustus</i>	Side-striped jackal	Senegal – Somalia – SW Africa; savanna, steppe
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<i>C. aureus</i>	Golden jackal	Senegal – Thailand, Sri Lanka; steppe – open forest
<i>C. latrans</i>	Coyote	Alaska, Canada, USA (except SE) – Costa Rica; desert – grassland
<i>C. lupus</i>	Wolf	Palaearctic (except N Africa), India, Alaska, Canada, Mexico, † USA; tundra, steppe, open forest; ancestor of domestic dogs, <i>'C. familiaris'</i>
<i>C. mesomelas</i>	Black-backed jackal	S, E Africa – Cameroun; savanna, steppe
<i>C. rufus</i> (<i>niger</i>)	Red wolf	SE Texas etc.; *
<i>C. simensis</i>	Simian jackal (Simian fox)	Ethiopia; high montane grassland; *

Alopex; (Vulpes).

<i>A. lagopus</i>	Arctic fox	Eurasia, N America; tundra
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Vulpes; (Fennecus, Urocyon); foxes; Africa, Eurasia, N America; desert – forest.

<i>V. bengalensis</i>	Bengal fox	India, Pakistan, Nepal; steppe – open forest
<i>V. cana</i>	Blanford's fox	Afghanistan etc.; montane steppe; *
<i>V. chama</i>	Cape fox	SW Africa; steppe
<i>V. cinereoargenteus</i>	Grey fox	S Canada – Venezuela
<i>V. corsac</i>	Corsac fox	S Russia – Manchuria; steppe
<i>V. ferrilata</i>	Tibetan fox	Tibet etc.; steppe
<i>V. littoralis</i>	Island grey fox	Santa Barbara Is, California
<i>V. macrotis</i>	Kit fox	SW USA, N Mexico; desert, steppe
<i>V. pallida</i>	Pale fox	Senegal – Somalia; desert
<i>V. rueppelli</i>	Sand fox	Morocco – Afghanistan; desert, steppe
<i>V. velox</i>	Swift fox	C USA; grassland; (*)

<i>V. vulpes</i>	Red fox	Palaearctic – Indochina, Canada, USA, [Australia]; forest
(<i>fulva</i>)		
<i>Dusicyon</i>; (<i>Atelocyon</i>, <i>Cerdocyon</i>, <i>Lycalopex</i>); S America; forest – desert; classification provisional; ref. 6.1.		
<i>D. australis</i> †	Falkland Island wolf	Falkland Is (extinct)
<i>D. culpaeus</i>	Colpeo fox	Ecuador – Tierra del Fuego; *
(<i>culpaeolus</i>)		
<i>D. griseus</i>	Argentine grey fox	Argentina, Chile; *
(<i>fulvipes</i>)		
<i>D. gymnocercus</i>		Argentina – Paraguay
<i>D. microtis</i>	Small-eared zorro	Amazon, Orinoco basins; forest; *
<i>D. sechurae</i>	Sechura fox	NW Peru, SW Ecuador; desert
<i>D. thous</i>	Common zorro (Crab-eating fox)	Colombia – N Argentina; savanna, open forest
<i>D. vetulus</i>	Hoary fox	C, S Brazil
<i>Nyctereutes</i>		
<i>N. procyonoides</i>	Raccoon-dog	Indochina – SE Siberia, Japan, [E, C Europe]; forest
<i>Chrysocyon</i>		
<i>C. brachyurus</i>	Maned wolf	E Brazil – N Argentina; grassland; *
<i>Speothos</i>		
<i>S. venaticus</i>	Bush dog	Panama – Bolivia, E of Andes; forest; *
<i>Cuon</i>		
<i>C. alpinus</i>	Dhole (Red dog)	Altai, Pamirs – E Siberia – Java; forest; *
<i>Lycaon</i>		
<i>L. pictus</i>	Hunting dog	Ivory Coast – Somalia – S Africa; steppe, savanna; *
<i>Otocyon</i>		
<i>O. megalotis</i>	Bat-eared fox	S Africa – S Zambia; Tanzania – Ethiopia; grassland, steppe

Family Ursidae

Bears; 7 species; Eurasia, N, (S) America; mainly forest; omnivores, (carnivores).

Tremarctos

<i>T. ornatus</i>	Spectacled bear	Venezuela – Bolivia; forest; *
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Selenarctos

<i>S. thibetanus</i>	Asiatic black bear	Afghanistan – Indochina – E Siberia, Japan; forest; *
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Ursus

<i>U. americanus</i>	American black bear	C Mexico – Alaska; forest
<i>U. arctos</i>	Brown bear (Grizzly bear)	Eurasia N of Himalayas, N America; mainly forest; (*)

Thalarctos; (Ursus).

<i>T. maritimus</i>	Polar bear	Arctic Ocean; *
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Helarctos

<i>H. malayanus</i>	Sun bear	Burma – Sumatra, Borneo; forest
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Melursus

<i>M. ursinus</i>	Sloth bear	India, Sri Lanka; forest; *
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Family Procyonidae

Raccoons etc.; c. 18 species; S, C, (N) America; forest; omnivores.

Bassariscus; (Jentinkia).

<i>B. astutus</i>	Ring-tailed cat (Cacomistle)	Oregon – S Mexico
<i>B. sumichrasti</i>	Central American cacomistle	S Mexico – Panama

Procyon

<i>P. cancrivorus</i>	Crab-eating raccoon	Costa Rica – N Argentina
<i>P. Gloveralleni</i>	Barbados raccoon	Barbados, W Indies
<i>P. insularis</i>	Tres Marias raccoon	Tres Marias Is., W Mexico
<i>P. lotor</i>	Common raccoon	S Canada – Panama, [Bahamas]
<i>P. minor</i>	Guadeloupe raccoon	Guadeloupe, W Indies
<i>P. pygmaeus</i>	Cozumel raccoon	Cozumel I, Yucatan, Mexico

Nasua; coatis, coatimundis; S, C, (N) America.

<i>N. narica</i>	Northern coati	S USA – Panama
<i>N. nasua</i>	Southern coati	S America except Patagonia
<i>N. nelsoni</i>	Cozumel coati	Cozumel I, Yucatan, Mexico

Nasuella

<i>N. olivacea</i>	Little coatimundi	Venezuela – Ecuador
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Potos

<i>P. flavus</i>	Kinkajou	E Mexico – S Brazil; forest
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Bassaricyon; olingos; C, northern S America; possibly all one species.

<i>B. alleni</i>		Ecuador, Peru
<i>B. beddardi</i>		Guyana etc.
<i>B. gabbi</i>	Bushy-tailed olingo	Nicaragua – Ecuador, Venezuela
<i>B. lasius</i>	Harris' olingo	Costa Rica
<i>B. pauli</i>	Chiriqui olingo	W Panama

Family Ailuropodidae

Pandas; 2 species; Himalayas, S China; montane forest; herbivores; *

Ailurus

<i>A. fulgens</i>	Lesser panda (Red panda)	Nepal – W Burma – Szechuan
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Ailuropoda

<i>A. melanoleuca</i>	Giant panda	Szechuan etc., S China; bamboo forest
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Family Mustelidae

Weasels etc., c. 67 species; Americas, Eurasia, Africa; forest – desert, (aquatic); carnivores, (omnivores).

Mustela; (*Grammogale*, *Lutreola*, *Putorius*); weasels; Americas, Eurasia, (N Africa); forest, steppe, tundra.

<i>M. africana</i>	Amazon weasel	Amazon Basin (sic)
<i>M. altaica</i>	Mountain weasel	Himalayas – Altai – Korea
<i>M. erminea</i>	Stoat (Ermine)	Europe – E Siberia, Japan, Alaska – N Greenland – N USA; [New Zealand]; forest, tundra

<i>M. eversmanni</i>	Steppe polecat	E Europe – Manchuria – Tibet; grassland, steppe; possible ancestor of domestic ferret, ' <i>M. furo</i> '
<i>M. felipei</i>		Colombia; montane; ref. 6.2
<i>M. frenata</i>	Long-tailed weasel	S Canada – Venezuela – Peru
<i>M. kathiah</i>	Yellow-bellied weasel	W Himalayas – S China
<i>M. lutreola</i>	European mink	W Siberia, E Europe, (W Europe); riversides, marshes
<i>M. nigripes</i>	Black-footed ferret	Alberta – N Texas; grassland; *
<i>M. nivalis</i> (<i>rixosa</i>)	Weasel (Least weasel)	N Africa, W Europe – E Siberia; Japan, Alaska – NE USA, [New Zealand]
<i>M. nudipes</i>	Malaysian weasel	Malaya, Sumatra, Borneo
<i>M. putorius</i>	Polecat	Europe; forest; possible ancestor of domestic ferret, ' <i>M. furo</i> '
<i>M. sibirica</i>	Siberian weasel (Kolinsky)	Siberia – Himalayas, Thailand; Japan
<i>M. strigidorsa</i>	Back-striped weasel	Nepal – Thailand
<i>M. vison</i>	American mink	Canada, USA, [Iceland, N, C Europe, Siberia]; rivers, lakes
 <i>Vormela</i>		
<i>V. peregrusna</i>	Marbled polecat	SE Europe – W China; steppe, grassland
 <i>Martes</i> ; (<i>Charronia</i>); martens; Eurasia, N America; forest; arboreal carnivores.		
<i>M. americana</i>	American marten	Canada, N USA
<i>M. flavigula</i> (<i>gwatkinsi</i>)	Yellow-throated marten	E Siberia – Java, Borneo; S India
<i>M. foina</i>	Beech marten	W Europe – Himalayas, Altai
<i>M. martes</i>	Pine marten	W Europe – W Siberia
<i>M. melampus</i>	Japanese marten	Japan (except Hokkaido), S Korea
<i>M. pennanti</i>	Fisher	Canada, N USA
<i>M. zibellina</i>	Sable	Siberia, Hokkaido

Eira; (*Galera, Tayra*).

<i>E. barbara</i>	Tayra	NE Mexico – Argentina
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Galictis; (*Grison, Grisonella*); grisons; S Mexico – Brazil.

<i>G. allamandi</i>	Central American grison	S Mexico – Panama
<i>G. cuja</i>	Little grison	Peru – Uruguay – Chile
<i>G. vittata</i>	South American grison	Colombia – Peru – E Brazil

Lyncodon

<i>L. patagonicus</i>	Patagonian weasel	Argentina, Chile; grassland
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Ictonyx; (*Zorilla*).

<i>I. striatus</i>	Zorilla (Striped polecat)	Senegal – Ethiopia – S Africa; steppe, savanna
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Poecilictis

<i>P. libyca</i>	Saharan striped weasel	Sahara etc.; desert, steppe
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Poecilogale

<i>P. albinucha</i>	White-naped weasel	S Africa – Zaire, Uganda; savanna
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Gulo

<i>G. gulo</i>	Wolverine (Glutton)	Scandinavia, Siberia, Alaska, Canada, W USA; con. forest, tundra
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Mellivora

<i>M. capensis</i>	Ratel (Honey badger)	N India – Arabia, Africa S of Sahara; steppe, savanna
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Meles

<i>M. meles</i>	Eurasian badger	Europe – Japan – S China; forest, grassland
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Arctonyx

<i>A. collaris</i>	Hog-badger	N China – NE India – Sumatra
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Mydaus; (*Suillotaxus*); stink badgers.

<i>M. javanensis</i>	Sunda stink badger	Sumatra, Java, Borneo
<i>M. marchei</i>	Palawan stink badger	Palawan, Calamian Is, Philippines

Taxidea

<i>T. taxus</i>	American badger	SW Canada – C Mexico; grassland, steppe
<i>Melogale</i>; (<i>Helictis</i>); ferret-badgers; SE Asia; grassland, open forest; ref. 6.3.		
<i>M. everetti</i>	Everett's ferret-badger	Borneo
<i>M. moschata</i>	Chinese ferret-badger	NE India – S China – Indochina; Java, Borneo
<i>M. personata</i> (<i>orientalis</i>)	Burmese ferret-badger	Nepal – Indochina; Java

Mephitis

<i>M. macroura</i>	Hooded skunk	SW USA – Nicaragua
<i>M. mephitis</i>	Striped skunk	S Canada – N Mexico

***Spilogale*; spotted skunks; N, C America.**

<i>S. angustifrons</i>	Southern spotted skunk	C Mexico – Costa Rica
<i>S. gracilis</i>	Western spotted skunk	W USA – C Mexico
<i>S. putorius</i>	Eastern spotted skunk	SE, C USA – E Mexico
<i>S. pygmaea</i>	Pygmy spotted skunk	W, SW Mexico

***Conepatus*; hog-nosed skunks; C, S America.**

<i>C. castaneus</i>		Argentina
<i>C. chinga</i>		Chile, Argentina – Paraguay
<i>C. humboldti</i>		Patagonia; *
<i>C. leuconotus</i>	Eastern hog-nosed skunk	E Texas, E Mexico
<i>C. mesoleucus</i>	Hog-nosed skunk	S USA – Nicaragua
<i>C. rex</i>		Peru
<i>C. semistriatus</i>		S Mexico – Peru – E Brazil

***Lutra*; (*Lontra*, *Lutrogale*); river otters; Eurasia, Americas, Africa; rivers, lakes, (sea-coast); ref. 6.4; *.**

<i>L. canadensis</i>	Canadian otter	Canada, USA
<i>L. felina</i>		N Peru – S Chile; coastal
<i>L. longicaudis</i> (<i>annectens</i>)		C Mexico – Uruguay
<i>L. lutra</i>	European otter	Eurasia, N Africa, Sri Lanka, Taiwan, Sumatra, Java
<i>L. maculicollis</i>	Spotted-necked otter	Liberia – Ethiopia – S Africa
<i>L. perspicillata</i>	Smooth-coated otter	Iraq; India – Sumatra, Borneo
<i>L. provocax</i>		Chile, S Argentina
<i>L. sumatrana</i>	Hairy-nosed otter	Indochina – Java, Borneo

Pteronura

<i>P. brasiliensis</i>	Giant otter	Venezuela – Argentina; rivers; *
<i>A. capensis</i>	African clawless otter	Senegal – Ethiopia – S Africa
<i>A. cinerea</i>	Oriental small-clawed otter	India, S China – Java, Borneo, Palawan
<i>A. congica</i> (<i>microdon</i>)	Zaire clawless otter	Congo basin etc.; forest

Enhydra

<i>E. lutris</i>	Sea otter	Bering Sea – California; rocky coasts; *
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Family Viverridae

Civets, mongooses etc.; c. 72 species; S Eurasia, Africa, Madagascar; forest – steppe; mainly omnivores.

Poiana

<i>P. richardsoni</i>	African linsang	Sierra Leone – N Zaire; forest
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Genetta; genets; Africa, (Arabia, SW Europe); forest, savanna; arboreal.

<i>G. abyssinica</i>	Abyssinian genet	Ethiopia; montane
<i>G. angolensis</i>	Angolan genet	Angola, S Zaire, NW Zambia
<i>G. genetta</i>	Small-spotted genet	Africa, SW Europe, Arabia – Asia Minor; savanna
<i>G. johnstoni</i>	Johnston's genet	Liberia
<i>G. mossambica</i>	Mozambique genet	N Mozambique, S Tanzania; forest
<i>G. pardina</i>	Pardine genet	Gambia – Cameroun; forest
<i>G. rubiginosa</i>	Rusty-spotted genet	Senegal – Somalia – Transvaal; savanna
<i>G. servalina</i>	Servaline genet	Nigeria – Kenya; forest
<i>G. tigrina</i>	Large-spotted genet	S Africa
<i>G. victoriae</i>	Giant forest genet	Uganda, NE Zaire
<i>G. villiersi</i>	False genet	Senegal – L Chad; guinea savanna

Viverricula

<i>V. indica</i> (<i>malaccensis</i>)	Small Indian civet	India – S China – Java; Sri Lanka; [Madagascar, Zanzibar]
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Osbornictis

<i>O. piscivora</i>	Congo water civet (Aquatic genet)	NE Zaire; lowland forest
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***Viverra*; (*Civettictis*); civets; Africa, SE Asia.**

<i>V. civetta</i>	African civet	Senegal – Somalia – Transvaal
<i>V. megaspila</i>	Large-spotted civet	India – Indochina – Malaya; (*)
<i>V. tangalunga</i>	Malay civet	Malaya, Sumatra, Borneo, Philippines
<i>V. zibetha</i>	Large Indian civet	India – S China – Malaya

***Prionodon*; (*Pardictis*); linsangs; SE Asia; *.**

<i>P. linsang</i>	Banded linsang	Thailand – Java, Borneo
<i>P. pardicolor</i>	Spotted linsang	Nepal – Indochina

Nandinia

<i>N. binotata</i>	African palm civet	Guinea – S Sudan – Mozambique; forest
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Arctogalidea

<i>A. trivirgata</i>	Three-striped palm civet	Assam – Java, Borneo
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Paradoxurus

<i>P. hermaphroditus</i> (<i>philippinensis</i>)	Common palm civet (Toddy cat)	India – S China – Java, Borneo, Timor, Celebes, Philippines, Sri Lanka
<i>P. jerdoni</i>	Jerdon's palm civet	S India
<i>P. zeylonensis</i>	Golden palm civet	Sri Lanka

Paguma

<i>P. larvata</i>	Masked palm civet	Himalayas – China – Sumatra, Borneo, Taiwan
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Macrogalidea

<i>M. musschenbroekii</i>	Brown palm civet	NE Celebes; *
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Arctictis

<i>A. binturong</i> (<i>whitei</i>)	Binturong	Burma – Java, Borneo, Palawan
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Fossa

<i>F. fossa</i> (<i>fossana</i>)	Malagasy civet	NW Madagascar; forest; *
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Hemigalus; (*Diplogale*).

<i>H. derbyanus</i>	Banded palm civet	Malaya, Sumatra, Borneo; *
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<i>H. hosei</i>	Hose's civet	Borneo
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Chrotogale

<i>C. owstoni</i>	Owston's palm civet	Indochina
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Cynogale

<i>C. bennetti</i>	Otter-civet	Indochina – Sumatra, Borneo; *
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Eupleres

<i>E. goudotii</i> (<i>major</i>)	Falanouc	N Madagascar; forest; *
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Galidea

<i>G. elegans</i>	Ring-tailed mongoose	Madagascar; forest
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Galidictis

<i>G. fasciata</i> (<i>striata</i>)	Broad-striped mongoose	E Madagascar; forest
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Mungotictis

<i>M. decemlineata</i> (<i>lineata</i>) (<i>substriatus</i>)	Narrow-striped mongoose	W, SW Madagascar; savanna
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Salanoia

<i>S. concolor</i> (<i>olivacea</i>)	Salano	NE Madagascar; forest
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Suricata

<i>S. suricatta</i>	Meerkat	S Africa – S Angola
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Herpestes; (*Xenogale*); common mongooses; Africa, S Asia, (SW Europe); forest – steppe; terrestrial.

<i>H. auropunctatus</i> (<i>javanicus</i>)	Small Indian mongoose	E Arabia – Malaya; [Hawaii, W Indies, Guyana etc.]
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<i>H. brachyurus</i>	Short-tailed mongoose	Malaya, Sumatra, Borneo, Palawan
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<i>H. edwardsi</i>	Indian grey mongoose	Arabia – Assam, Sri Lanka; [Malaya, Ryukyu Is, Mauritius]
<i>H. fuscus</i>	Indian brown mongoose	S India, Sri Lanka
<i>H. hosei</i>	Hose's mongoose	Borneo
<i>H. ichneumon</i>	Egyptian mongoose	Iberia; Arabia etc.; Africa S of Sahara; savanna
<i>H. javanicus</i>	Javan mongoose	Indochina, Malaya, Java
<i>H. naso</i>	Long-nosed mongoose	Zaire – SE Nigeria; lowland forest
<i>H. palustris</i>	Indian marsh mongoose	NE India; ref. 6.5
<i>H. pulverentulus</i>	Cape grey mongoose	S Africa – S Angola; steppe
<i>H. sanguineus</i>	Slender mongoose	Africa S of Sahara; savanna, steppe
<i>H. semitorquatus</i>	Collared mongoose	Sumatra, Borneo
<i>H. smithi</i>	Ruddy mongoose	India, Sri Lanka
<i>H. urva</i>	Crab-eating mongoose	Nepal – S China – Thailand
<i>H. vitticollis</i>	Stripe-necked mongoose	India, Sri Lanka
<i>Helogale</i>; dwarf mongooses; E, S Africa; savanna.		
<i>H. hirtula</i>		Ethiopia, Somalia, Kenya
<i>H. parvula</i>		Ethiopia – Natal – Namibia
<i>Dologale</i>		
<i>D. dybowskii</i>	Pousargues' mongoose	Cent. Afr. Rep. – W Uganda; savanna
<i>Atilax</i>		
<i>A. paludinosus</i>	Marsh mongoose	Africa S of Sahara; rivers, marshes
<i>Mungos</i>		
<i>M. gambianus</i>	Gambian mongoose	Gambia – Nigeria; savanna
<i>M. mungo</i>	Banded mongoose	Africa S of Sahara
<i>Crossarchus</i>; W, C Africa; forest.		
<i>C. alexandri</i>		N Zaire
<i>C. ansorgei</i>		E, S Zaire, N Angola
<i>C. obscurus</i>	Cusimanse (Long-nosed mongoose)	Sierra Leone – Cameroun

Liberiictis

L. kuhni Liberian mongoose Liberia

Ichneumia

I. albicauda White-tailed mongoose Africa S of Sahara,
S Arabia; savanna,
open forest

***Bdeogale*; (*Galeriscus*).**

<i>B. crassicauda</i>	Bushy-tailed mongoose	Kenya – Mozambique
<i>B. jacksoni</i>	Jackson's mongoose	Kenya, Uganda
<i>B. nigripes</i>	Black-legged mongoose	SE Nigeria – Zaire – N Angola

Rhynchogale

R. melleri Meller's mongoose S Zaire – Transvaal

Cynictis

C. penicillata Yellow mongoose S Africa – S Angola

Paracynictis

P. selousi Grey meerkat
(Selous' mongoose) Mozambique – Angola

Cryptoprocta

C. ferox Fossa Madagascar; forest,
savanna; *

Family Hyaenidae

Hyaenas; 4 species; Africa, SW Asia; savanna – desert; terrestrial carnivores and scavengers.

Proteles

P. cristatus Aardwolf S, E Africa; steppe

Crocuta

C. crocuta Spotted hyaena Africa S of Sahara;
steppe, savanna

Hyaena

<i>H. brunnea</i>	Brown hyaena	S Africa – Rhodesia; *
<i>H. hyaena</i>	Striped hyaena	Senegal – Tanzania – Turkestan – India; steppe, desert; (*)

Family Felidae

Cats; c. 35 species; Americas, Eurasia, Africa; forest – desert; carnivores; generic classification very unstable; ref. 6.6; *

Felis; (*Badiofelis*, *Herpailurus*, *Leptailurus*, *Lynx*, *Mayailurus*, *Otocolobus*, *Prionailurus*, *Profelis*, *Puma*); small cats; Americas, Eurasia, Africa; mainly forest.

<i>F. aurata</i>	African golden cat	Senegal – Zaire – Kenya; forest
<i>F. badia</i>	Bay cat (Bornean red cat)	Borneo
<i>F. bengalensis</i>	Leopard cat	E Siberia – Baluchistan – Java, Borneo, Taiwan
<i>F. bieti</i>	Chinese desert cat	W China, S Mongolia; steppe
<i>F. caracal</i>	Caracal	Turkestan, NW India – Arabia; Africa; steppe, savanna
<i>F. chaus</i>	Jungle cat	Egypt – Indochina, Sri Lanka; dry forest
<i>F. colocolo</i>	Pampas cat	Ecuador – Patagonia; grassland, forest
<i>F. concolor</i>	Puma (Cougar)	S Canada – Patagonia; forest – steppe
<i>F. geoffroyi</i>	Geoffroy's cat	Bolivia – Patagonia
<i>F. guigna</i>	Kodkod	C, S Chile, W Argentina; forest
<i>F. iriomotensis</i>	Iriomote cat	Iriomote I, Ryukyu Is
<i>F. jacobita</i>	Andean cat	S Peru – N Chile; montane steppe
<i>F. lynx</i> (<i>pardina</i>)	Lynx	W Europe – Siberia; Alaska, Canada, N USA; con. forest
<i>F. manul</i>	Pallas's cat	Iran – W China; montane steppe
<i>F. margarita</i>	Sand cat	Sahara – Baluchistan; desert
<i>F. marmorata</i>	Marbled cat	Nepal – Malaya, Sumatra, Borneo
<i>F. nigripes</i>	Black-footed cat	S Africa, Botswana, Namibia; steppe, savanna
<i>F. pardalis</i>	Ocelot	Arizona – N Argentina; forest, scrub
<i>F. planiceps</i>	Flat-headed cat	Malaya, Sumatra, Borneo

<i>F. rubiginosus</i>	Rusty-spotted cat	S India, Sri Lanka
<i>F. rufus</i>	Bobcat	S Canada – S Mexico
<i>F. serval</i>	Serval	Africa; savanna
<i>F. silvestris</i> (<i>catus</i>) (<i>lybica</i>)	Wild cat	W Europe – India; Africa; open forest, savanna, steppe; ancestor of domestic cat
<i>F. temmincki</i>	Asiatic golden cat	Nepal – S China – Sumatra; forest
<i>F. tigrinus</i>	Little spotted cat (Oncilla)	Costa Rica – N Argentina; forest
<i>F. viverrinus</i>	Fishing cat	India – S China – Java; forest, swamps
<i>F. wiedi</i>	Margay	N Mexico – N Argentina; forest
<i>F. yagouaroundi</i>	Jaguarundi	Arizona – N Argentina; forest, scrub
<i>Panthera</i>; (<i>Leo</i>, <i>Tigris</i>, <i>Uncia</i>); big cats; Americas, Asia, Africa; mainly forest.		
<i>P. leo</i>	Lion	Africa S of Sahara; NW India; († NW Africa, SW Asia); savanna, steppe
<i>P. onca</i>	Jaguar	N Mexico – N Argentina; († S USA, Uruguay, C Argentina); forest
<i>P. pardus</i>	Leopard (Panther)	SE Siberia – Java – Asia Minor; Africa; forest
<i>P. tigris</i>	Tiger	SE Siberia – Java – Caucasus; forest
<i>P. uncia</i>	Snow leopard (Ounce)	Altai – Himalayas; montane steppe
<i>Neofelis</i>; (<i>Panthera</i>).		
<i>N. nebulosa</i>	Clouded leopard	Nepal – S China – Sumatra, Borneo, Taiwan; forest
<i>Acinonyx</i>		
<i>A. jubatus</i>	Cheetah	Baluchistan – Arabia; Africa; steppe, savanna

ORDER PINNIPEDIA

Seals, sealions etc.; c. 34 species; worldwide except tropical W Pacific and Indian Ocean; marine, (freshwater); breed on shore or ice; mainly predators on fish; ref. 7.1.

Family Otariidae

Eared seals, sealions; c. 14 species; S Hemisphere, N Pacific.

Arctocephalus; (*Arctophoca*); southern fur seals; S Hemisphere – California; ref. 7.2; *.

<i>A. australis</i>	South American fur seal	Brazil – Peru
<i>A. fosteri</i>	New Zealand fur seal	S New Zealand etc., S Australia
<i>A. gazella</i>	Kerguelen fur seal	Islands S of Antarctic Convergence
<i>A. galapagoensis</i>	Galapagos fur seal	Galapagos Is
<i>A. philippi</i>	Juan Fernandez fur seal	Juan Fernandez Is
<i>A. pusillus</i> (<i>doriferus</i>) (<i>tasmanicus</i>)	Afro-Australian fur seal	S Africa, S Australia, Tasmania
<i>A. tropicalis</i>	Amsterdam Island fur seal	Islands N of Antarctic Convergence
<i>A. townsendi</i>	Guadalupe fur seal	S California – W Mexico
<i>Callorhinus</i>		
<i>C. ursinus</i>	Northern fur seal	Bering, Okhotsk Seas
<i>Zalophus</i>		
<i>Z. californianus</i>	Californian sealion	California, Galapagos, († Japan)
<i>Eumetopias</i>		
<i>E. jubata</i>	Northern sealion (Steller's sealion)	N Japan – California
<i>Otaria</i>		
<i>O. byronia</i> (<i>flavescens</i>)	Southern sealion	S Brazil – Peru
<i>Neophoca</i>; (<i>Phocarctos</i>).		
<i>N. cinerea</i>	Australian sealion	SW, S Australia
<i>N. hookeri</i>	New Zealand sealion	New Zealand

Family Odobenidae

One species.

Odobenus

O. rosmarus Walrus Arctic Ocean; (*)

Family Phocidae

Earless seals; 19 species; polar, temperate, some tropical seas.

Phoca; (*Pusa*); N temperate and polar seas.

<i>P. caspica</i>	Caspian seal	Caspian Sea
<i>P. hispida</i>	Ringed seal	Arctic Ocean, N Pacific, Baltic; breed on ice; (*)
<i>P. largha</i>	Larga seal	NW Pacific; breed on ice
<i>P. sibirica</i>	Baikal seal	Lake Baikal
<i>P. vitulina</i> (<i>kurilensis</i>) (<i>richardii</i>)	Common seal (Harbour seal)	N Atlantic, N Pacific; temperate, subarctic

Histriophoca

<i>H. fasciata</i>	Ribbon seal	N Pacific; subarctic
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Pagophilus

<i>P. groenlandicus</i>	Harp seal	N Atlantic; subarctic; breed on ice
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Halichoerus

<i>H. grypus</i>	Grey seal	Newfoundland etc., Britain – White Sea, Baltic
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Erignathus

<i>E. barbatus</i>	Bearded seal	Arctic Ocean; breed on ice
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Lobodon

<i>L. carcinophagus</i>	Crabeater seal	Antarctic; edge of pack ice
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Ommatophoca

<i>O. rossi</i>	Ross seal	Antarctic; edge of pack ice
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Hydrurga

<i>H. leptonyx</i>	Leopard seal	Southern Ocean
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Leptonychotes

<i>L. weddelli</i>	Weddell seal	Antarctic; edge of ice
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Monachus; monk seals; northern tropical and warm temperate zones; *.

<i>M. monachus</i>	Mediterranean monk seal	Canary Is – Mediterranean, Black Sea
<i>M. schauinslandi</i>	Hawaiian monk seal	Hawaii
<i>M. tropicalis</i> †	Carribean monk seal	Formerly Carribean: probably extinct

Mirounga; elephant-seals; *.

<i>M. angustirostris</i>	Northern elephant-seal	W coast of N America
<i>M. leonina</i>	Southern elephant-seal	Subantarctic Islands, Patagonia

Cystophora

<i>C. cristata</i>	Hooded seal	N Atlantic; edge of ice
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ORDER CETACEA

Whales, dolphins, porpoises; c. 76 species; all oceans, some tropical rivers; ref. 7.3, 7.4; *.

SUBORDER ODONTOCETI

Toothed whales; c. 66 species; all oceans, some tropical rivers.

Family Platanistidae

River dolphins; c. 5 species; S America, S, E Asia; rivers, coastal waters; fish-eaters; *.

Pontoporia

<i>P. blainvilliei</i>	La Plata dolphin (Franciscana)	S Brazil – N Argentina; coasts, estuaries
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Inia

<i>I. geoffrensis</i>	Boutu (Amazon porpoise)	Amazon, upper Orinoco
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Lipotes

<i>L. vexillifer</i>	White flag dolphin	Yangtze River, Tungting L, China
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***Platanista*; (*Susu*).**

<i>P. gangetica</i>	Ganges dolphin	Ganges, Brahmaputra
<i>P. minor</i> (<i>indi</i>)	Indus dolphin	Indus & tributaries

Family Delphinidae

Marine dolphins; c. 32 species; all oceans, some tropical rivers; mainly fish-eaters; *.

Steno

<i>S. bredanensis</i>	Rough-toothed dolphin	Tropical, warm temperate seas
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Sotalia

<i>S. fluviatilis</i> (<i>brasiliensis</i>) (<i>guianensis</i>)	Tucuxi	Venezuela – S Brazil; Amazon; coasts, rivers
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Sousa; hump-backed dolphins.

<i>S. chinensis</i> (<i>borneensis</i>) (<i>lentiginosus</i>) (<i>plumbea</i>)	Indo-Pacific hump-backed dolphin	Indian Ocean, SW Pacific, lower Yangtze River
<i>S. teuszii</i>	Atlantic hump-backed dolphin	Senegal – Cameroun; coasts, estuaries

Stenella; tropical and warm temperate seas; classification provisional.

<i>S. clymene</i>	Atlantic spinner dolphin	Atlantic
<i>S. coeruleoalba</i> (<i>styx</i>)	Striped dolphin (Euphrosyne dolphin)	Atlantic, Pacific; tropical, temperate
<i>S. dubia</i> (<i>attenuata</i>) (<i>frontalis</i>) (<i>graffmani</i>) (<i>plagiodon</i>)	Spotted dolphin	Pacific; Indian Oc., S Atlantic; probably two species – nomenclature uncertain
<i>S. longirostris</i>	Spinner dolphin (Long-beaked dolphin)	Tropical, warm temperate seas

Delphinus

<i>D. delphis</i> (<i>bairdii</i>)	Common dolphin	Temperate, tropical seas; Black Sea
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Tursiops

<i>T. gilli</i> (<i>nuuanu</i>)	Gill's bottle-nosed dolphin	N Pacific; warm temperate
<i>T. truncatus</i>	Bottle-nosed dolphin	Atlantic, Indian Oc., S Pacific; tropical, temperate

Lissodelphis; right whale dolphins; Pacific, S Atlantic.

<i>L. borealis</i>	Northern right whale dolphin	N Pacific; temperate
<i>L. peroni</i>	Southern right whale dolphin	S Atlantic, S Pacific; temperate, subtropical

Lagenodelphis

<i>L. hosei</i>	Fraser's dolphin	Pacific, Indian Oc., W Atlantic; tropical
<i>Lagenorhynchus</i>; short-beaked dolphins; all temperate and polar seas.		
<i>L. acutus</i>	Atlantic white-sided dolphin	N Atlantic, Arctic; temperate, polar
<i>L. albirostris</i>	White-beaked dolphin	N Atlantic, Arctic; temperate, polar
<i>L. australis</i>	Peale's dolphin	Southern S America; coastal
<i>L. cruciger</i>	Hourglass dolphin	S Atlantic, S Pacific, Southern Oc.; temperate, polar
<i>L. obliquidens</i>	Pacific white-sided dolphin	N Pacific; temperate
<i>L. obscurus</i>	Dusky dolphin	Southern Oc.; inshore

***Peponocephala*; (*Lagenorhynchus*).**

<i>P. electra</i>	Melon-headed whale	Tropical seas
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***Cephalorhynchus*; piebald dolphins; southern temperate seas.**

<i>C. commersoni</i>	Commerson's dolphin	S Atlantic, SE Pacific, S Indian Oc.
<i>C. eutropia</i>	Black dolphin	SE Pacific
<i>C. hectori</i>	Hector's dolphin	SW Pacific
<i>C. heavisidei</i>	Heaviside's dolphin	SE Atlantic, SW Indian Oc.

Orcaella

<i>O. brevirostris</i>	Irrawaddy dolphin	Bay of Bengal – N Australia; coastal, large rivers
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Pseudorca

<i>P. crassidens</i>	False killer whale	All seas; tropical, temperate
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Orcinus

<i>O. orca</i>	Killer whale	All seas; mainly polar, temperate
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***Grampus*; (*Grampidelphis*).**

<i>G. griseus</i> (<i>rectipinna</i>)	Risso's dolphin	All seas; mainly temperate
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Globicephala; pilot whales, blackfish.

<i>G. macrorhynchus</i>	Short-finned pilot whale	Subtropical Atlantic, Pacific
(<i>scammoni</i> ?)		
<i>G. melaena</i>	Long-finned pilot whale	N Atlantic, Southern Oc.; temperate
(<i>edwardi</i>)		
Feresa		
<i>F. attenuata</i>	Pygmy killer whale (Slender blackfish)	Atlantic, Pacific; tropical, warm temperate
(<i>occulta</i>)		

Family Phocoenidae

Porpoises; c. 6 species; S temperate, N temperate and Arctic coasts; mainly fish-eaters; *.

Phocoena

<i>P. dioptrica</i>	Spectacled porpoise	La Plata – S Georgia
<i>P. phocoena</i>	Common porpoise (Harbour porpoise)	N Atlantic, N Pacific, Arctic Oc.
(<i>vomerina</i>)		
<i>P. sinus</i>	Gulf porpoise (Cochito)	Gulf of California
<i>P. spinipinnis</i>	Burmeister's porpoise	La Plata – Peru

Phocoenoides

<i>P. dalli</i>	Dall's porpoise	N Pacific; temperate
(<i>truei</i>)		

Neophocaena

<i>N. phocaenoides</i>	Finless porpoise	Pakistan – Borneo – Korea; Yangtzejiang; mainly coastal
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Family Monodontidae

White whales; 2 species; Arctic Ocean; *.

Delphinapterus

<i>D. leucas</i>	White whale (Beluga)	Arctic Ocean
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Monodon

<i>M. monoceros</i>	Narwhal	Arctic Ocean
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Family Physeteridae

Sperm whales; 3 species; all oceans; squid-eaters; *

Kogia

<i>K. breviceps</i>	Pygmy sperm whale	Tropical, warm temperate seas
<i>K. simus</i>	Dwarf sperm whale	Tropical, subtropical

Physeter

<i>P. catodon</i> (<i>macrocephalus</i>)	Sperm whale	All oceans; tropical, (temperate)
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Family Ziphiidae

Beaked whales; c. 18 species; all oceans; mainly squid-eaters; *.

Tasmacetus

<i>T. shepherdii</i>	Shepherd's beaked whale (Tasman whale)	New Zealand waters
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Berardius

<i>B. arnuxi</i>	Arnoux's beaked whale (Southern four-toothed whale)	Southern hemisphere; temperate
<i>B. bairdii</i>	Baird's beaked whale (Northern four-toothed whale)	N Pacific; temperate

***Mesoplodon*; (*Indopacetus*).**

<i>M. bidens</i>	Sowerby's beaked whale	N Atlantic, Mediterranean; temperate
<i>M. bowdoini</i>	Andrew's beaked whale	SW Pacific, Indian Oc.
<i>M. carlhubbsi</i>	Hubb's beaked whale	N Pacific; warm temperate
<i>M. densirostris</i>	Blainville's beaked whale	All tropical & warm temperate seas
<i>M. europaeus</i> (<i>gervaisi</i>)	Gervais' beaked whale	N Atlantic; subtropical, warm temperate
<i>M. ginkgodens</i>	Ginkgo-toothed beaked whale	N Pacific, Indian Oc.
<i>M. grayi</i>	Gray's beaked whale	S Pacific, S Indian Oc., S Atlantic, (NE Atlantic); temperate
<i>M. hectori</i>	Hector's beaked whale	S Hemisphere; temperate seas
<i>M. layardi</i>	Strap-toothed whale	S Hemisphere; temperate seas
<i>M. mirus</i>	True's beaked whale	N Atlantic; S Africa; temperate
<i>M. pacificus</i>	Longman's beaked whale	Queensland, Somalia
<i>M. stejnegeri</i>	Stejneger's beaked whale	N Pacific; temperate

Ziphius

<i>Z. cavirostris</i>	Cuvier's beaked whale (Goose-beaked whale)	All oceans; temperate, tropical
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***Hyperoodon*; bottle-nose whales.**

<i>H. ampullatus</i>	Northern bottlenose whale	Arctic Oc., N Atlantic, ? N Pacific
<i>H. planifrons</i>	Southern bottlenose whale	S Atlantic, Indian Oc., S Pacific, Southern Oc.

SUBORDER MYSTICETI

Baleen whales; 10 species; all oceans; filter-feeders.

Family Eschrichtidae

One species; *.

***Eschrichtius*; (*Rhachianectes*).**

<i>E. gibbosus</i> (<i>glaucus</i>) (<i>robustus</i>)	Grey whale	NE, (NW) Pacific; coastal († N Atlantic)
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Family Balaenopteridae

Rorquals; 6 species; all oceans; *.

***Balaenoptera*; (*Sibbaldus*); rorquals; all oceans; off-shore.**

<i>B. acutorostrata</i>	Minke whale (Lesser rorqual)	All oceans
<i>B. borealis</i>	Sei whale	All oceans
<i>B. edeni</i>	Bryde's whale	All oceans
<i>B. musculus</i> (<i>brevicauda</i>)	Blue whale	All oceans
<i>B. physalus</i>	Fin whale (Common rorqual)	All oceans

Megaptera

<i>M. novaeangliae</i>	Humpback whale	All oceans
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Family Balaenidae

Right whales; 3 species; temperate, polar seas; mainly coastal; *.

Caperea

<i>C. marginata</i>	Pygmy right whale	S Hemisphere; temperate, polar
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Eubalaena

<i>E. glacialis</i> (<i>australis</i>)	Black right whale	All temperate seas
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Balaena

<i>B. mysticetus</i>	Bowhead (Greenland right whale)	Arctic Ocean
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ORDER SIRENIA

Sea cows; 5 species (one of them extinct); coasts of Indian Ocean, coasts and adjacent rivers of tropical Atlantic Ocean (formerly also N Pacific); herbivores; *.

Family Dugongidae

Dugong

<i>D. dugon</i>	Dugong	E Africa, Red Sea – N Australia; coastal; *
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Hydrodamalis

<i>H. gigas</i> †	Steller's sea cow	Bering Sea, N Pacific; extinct
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Family Trichechidae

Manatees; 3 species; coasts of tropical Atlantic and adjacent rivers; *.

Trichechus

<i>T. inunguis</i>	Amazon manatee	R Amazon
<i>T. manatus</i>	American manatee	Florida – Guyana; coastal
<i>T. senegalensis</i>	African manatee	W Africa; rivers

ORDER PROBOSCIDEA

Family Elephantidae

Elephants; 2 species; Africa, SE Asia; forest, savanna; herbivores; *.

Loxodonta

<i>L. africana</i> (<i>cyclotis</i>)	African elephant	Africa S of Sahara; forest, savanna
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Elephas

<i>E. maximus</i>	Indian elephant	India – Sumatra, Sri Lanka; forest
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ORDER PERISSODACTYLA

Odd-toed ungulates; 17 species; Eurasia, Africa, C, S America; herbivores.

Family Equidae

Horses etc.; 8 species; Africa, W, C Asia; steppe, savanna; grazers.

Equus; (*Hemionus*, *Hippotigris*).

<i>E. africanus</i> (<i>asinus</i>)	African ass	NE Africa; ancestor of domestic ass; *
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<i>E. burchelli</i>	Common zebra	E, S Africa; steppe,
(<i>quagga</i>)	(Burchell's zebra)	savanna
<i>E. ferus</i>	Wild horse	Mongolia, Sinkiang;
(<i>caballus</i>)		(† E Europe);
(<i>przewalskii</i>)		ancestor of domestic horse; *
<i>E. grevyi</i>	Grevy's zebra	Kenya, Somalia, S Ethiopia; steppe; *
<i>E. hemionus</i>	Asiatic wild ass (Onager)	Manchuria – Iran, († Syria); steppe, subdesert; *
<i>E. kiang</i> (<i>hemionus</i>)	Kiang	Tibetan plateau
<i>E. quagga</i> †	Quagga	S Africa; extinct
<i>E. zebra</i>	Mountain zebra	SW Africa; (*)

Family Tapiridae

Tapirs; 4 species; C, S America, SE Asia; forest; browsers; *.

Tapirus

<i>T. bairdi</i>	Baird's tapir	S Mexico – Ecuador
<i>T. indicus</i>	Malayan tapir	Burma – Sumatra
<i>T. roulini</i> (<i>pinchaque</i>)	Mountain tapir	Colombia, Ecuador
<i>T. terrestris</i>	Brazilian tapir	Colombia – S Brazil

Family Rhinocerotidae

Rhinoceroses; 5 species; Africa, SE Asia; forest, savanna; browers, grazers; *.

Rhinoceros; SE Asia; high grass.

<i>R. sondaicus</i>	Javan rhinoceros	Java († Malaya – India)
<i>R. unicornis</i>	Indian rhinoceros	Nepal, NE India

Dicerorhinus; (*Didermoceros*).

<i>D. sumatrensis</i>	Sumatran rhinoceros	Borneo to Malaya, (formerly to Assam); forest
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Ceratotherium; (*Diceros*).

<i>C. simum</i>	White rhinoceros	Uganda etc., Zululand; savanna; grazer
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Diceros

<i>D. bicornis</i>	Black rhinoceros	Africa S of Sahara; savanna; browser
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ORDER HYRACOIDEA

Family Procaviidae

Hyraxes (dassies); c. 5 species; Africa, Arabia; forest, rock outcrops in savanna and steppe; herbivores.

Dendrohyrax; tree hyraxes; forest.

<i>D. arboreus</i>	Kenya – S Africa
<i>D. dorsalis</i>	Gambia – Uganda
<i>D. validus</i>	E Tanzania, Zanzibar etc.

Heterohyrax

<i>H. brucei</i>	Small-toothed rock hyrax	SE Egypt – Transvaal
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Procavia; ref. 8.1.

<i>P. capensis</i>	Large-toothed rock hyrax	Syria, Arabia, NE Africa, Senegal – Somalia – N Tanzania; S Malawi – S Angola, S Africa
(<i>habessinica</i>)		
(<i>ruficeps</i>)		
(<i>syriaca</i>)		

ORDER TUBULIDENTATA

Family Orycteropidae

One species; *.

Orycteropus

<i>O. afer</i>	Aardvark	Africa S of Sahara; savanna, steppe
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ORDER ARTIODACTYLA

Even-toed ungulates; c. 184 species; Americas, Eurasia, Africa; herbivores.

Family Suidae

Pigs; 8 species; Eurasia, Africa; forest, savanna; omnivores.

Potamochærus

<i>P. porcus</i>	Bush pig (Red river hog)	Africa S of Sahara, Madagascar; forest, savanna
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Sus; Eurasian pigs; Eurasia, (NW Africa); forest.

<i>S. barbatus</i>	Bearded pig	Malaya, Sumatra, Borneo etc.
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<i>S. salvianus</i>	Pygmy hog	SE Nepal etc.; *
<i>S. scrofa</i>	Wild boar	Europe, NW Africa – SE Siberia – Java, Honshu, Taiwan, Sri Lanka, [New Guinea, New Zealand]; ancestor of domestic pig, ' <i>S. domestica</i> '
<i>S. verrucosus</i>	Javan pig	Java, Celebes, Philippines
<i>Phacochoerus</i>		
<i>P. aethiopicus</i>	Wart hog	Africa S of Sahara; steppe, savanna
<i>Hylochoerus</i>		
<i>H. meinertzhageni</i>	Giant forest hog	Liberia – SW Ethiopia; forest
<i>Babyrousa</i>		
<i>B. babirussa</i>	Babirusa	Celebes etc; forest; *

Family Tayassuidae

Peccaries; 3 species; Texas – S America; desert – forest.

<i>Tayassu</i>; (<i>Dicotyles</i>)		
<i>T. pecari</i> (<i>albirostris</i>)	White-lipped peccary	Mexico – Paraguay; [Cuba]; forest
<i>T. tajacu</i>	Collared peccary	S USA – Patagonia, [Cuba]; desert – forest
<i>Catagonus</i>		
<i>C. wagneri</i>	Chaco peccary	Paraguay etc.; grassland, scrub; ref. 8.3; *

Family Hippopotamidae

Hippopotamuses; 2 species; Africa; grazers.

<i>Hippopotamus</i>		
<i>H. amphibius</i>	Hippopotamus	Africa S of Sahara; grassland with rivers or lakes
<i>Choeropsis</i>		
<i>C. liberiensis</i>	Pygmy hippopotamus	Sierra Leone – Nigeria; forest by fresh water; *

Family Camelidae

Camels, llamas; 4 species; S America, SW, C Asia, ? N Africa; desert, steppe.

Lama

<i>L. guanicoe</i>	Guanaco	Peru – Patagonia; possible ancestor of domestic llama, ' <i>L. glama</i> ' and alpaca, ' <i>L. pacos</i> '
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Vicugna; (*Lama*).

<i>V. vicugna</i>	Vicugna	Peru – N Chile; montane; *
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Camelus

<i>C. ferus</i> (<i>bactrianus</i>)	Bactrian camel	C Asia; ancestor of domestic Bactrian camel; *
<i>C. dromedarius</i>	Dromedary (Arabian camel)	? Arabia; only known as domestic animal

Family Tragulidae

Chevrotains (mouse-deer); c. 4 species; W, C Africa, SE Asia; forest.

Hyemoschus

<i>H. aquaticus</i>	Water chevrotain	Sierra Leone – W Uganda
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Tragulus

<i>T. javanicus</i>	Lesser Malay chevrotain	Indochina – Java, Borneo
<i>T. meminna</i>	Indian spotted chevrotain	India, Sri Lanka
<i>T. napu</i>	Greater Malay chevrotain	S Indochina – Sumatra, Borneo

Family Moschidae

Musk deer; 3 species; E Asia; forest; ref. 8.4; *.

Moschus

<i>M. chrysogaster</i> (<i>berezovskii</i>)	Forest musk deer	W Himalayas – Kansu
<i>M. moschiferus</i> (<i>sibiricus</i>)	Siberian musk deer	E Siberia
<i>M. sifanicus</i>	Alpine musk deer	W Himalayas – Shensi

Family Cervidae

Deer; c. 34 species; Americas, Eurasia, (NW Africa); mainly forest; browsers, grazers; ref. 8.5.

Hydropotes

<i>H. inermis</i>	Chinese water deer	EC China, Korea, [England]
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***Muntiacus*; muntjacs (barking deer); E Asia.**

<i>M. crinifrons</i>	Black muntjac	Chekiang, E China; *
<i>M. feae</i>	Fea's muntjac	Thailand; *
<i>M. muntjak</i>	Indian muntjac	India – S China – Java, Borneo, Sri Lanka, Taiwan
<i>M. reevesi</i>	Chinese muntjac	S, E China, Taiwan, [England]
<i>M. rooseveltorum</i>	Roosevelt's muntjac	Indochina

Elaphodus

<i>E. cephalophorus</i>	Tufted deer	S China, N Burma
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***Cervus*; (*Axis*, *Dama*, *Sika*); Eurasia, (N America).**

<i>C. albirostris</i>	Thorold's deer	E Tibetan Plateau
<i>C. axis</i>	Spotted deer (Chital)	India etc., Sri Lanka, [New Zealand]
<i>C. dama</i> (<i>mesopotamica</i>)	Fallow deer	S, [W, C] Europe – S Iran, [N, S America, S Africa, Australia, New Zealand etc.]; (*)
<i>C. duvauceli</i>	Swamp deer (Barasingha)	India; *
<i>C. elaphus</i> (<i>canadensis</i>)	Red deer, Wapiti	W Europe, NW Africa – W China; W Canada, W USA; [New Zealand]; (*)
<i>C. eldi</i>	Thamin	Assam – Indochina, Hainan; *
<i>C. nippon</i>	Sika deer	SE Siberia – E China, Japan, Taiwan, [W Europe, New Zealand]; (*)
<i>C. porcinus</i> (<i>calamianensis</i>) (<i>kuhlii</i>)	Hog-deer	NW India – Indochina, Bawean I (Java), Calamian Is (Philippines), [Australia, Sri Lanka]; (*)

<i>C. schomburgki</i> †	Schomburgk's deer	Thailand; extinct
<i>C. timorensis</i>	Timor deer (Rusa deer)	Java, Celebes, Timor etc., [N Australia, New Zealand]
<i>C. unicolor</i> (<i>mariannus</i>)	Sambar	India – S China – Java, Borneo, Celebes, Philippines, Sri Lanka, [Australia, New Zealand]
<i>Elaphurus</i>		
<i>E. davidianus</i>	Père David's deer	NE China; extinct in wild
<i>Alces</i>		
<i>A. alces</i>	Moose, Elk (Europe)	Scandinavia – E Siberia; Alaska, Canada, N USA; [New Zealand]; con. forest
<i>Rangifer</i>		
<i>R. tarandus</i>	Reindeer, Caribou	Scandinavia – E Siberia; Alaska, Canada, Greenland; tundra; includes domestic reindeer
<i>Odocoileus</i>		
<i>O. hemionus</i>	Mule deer (Black-tailed deer)	S Alaska – W, C USA – N Mexico; (*)
<i>O. virginianus</i>	White-tailed deer	S Canada – Peru, N Brazil; [Cuba etc., New Zealand]; (*)
<i>Blastocerus</i>; (<i>Odocoileus</i>).		
<i>B. dichotomus</i>	Marsh deer	S Brazil – NE Argentina; *
<i>Ozotoceros</i>; (<i>Blastocerus</i>, <i>Odocoileus</i>).		
<i>O. bezoarticus</i> (<i>campestris</i>)	Pampas deer	E Brazil – N Argentina; grassland; *
<i>Hippocamelus</i>; guemals (huemuls); Andes; *		
<i>H. antisensis</i>	Peruvian guemal	Ecuador – NW Argentina
<i>H. bisulcus</i>	Chilean guemal	S, C Chile, SW Argentina

Mazama; brockets; C, S America.

<i>M. americana</i>	Red brocket	C Mexico – N Argentina
<i>M. chunyi</i>	Dwarf brocket	S Peru, N Bolivia
<i>M. gouazoubira</i>	Brown brocket	S Mexico – N Argentina
<i>M. rufina</i>	Little red brocket	Venezuela – Ecuador

Pudu; pudus; Andes; *.

<i>P. mephistophiles</i>	Northern pudu	Colombia – N Peru
<i>P. pudu</i>	Southern pudu	S Chile, SW Argentina

Capreolus

<i>C. capreolus</i>	Roe deer	W Europe – SE Siberia, S China
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Family Giraffidae

Giraffe, Okapi; 2 species, Africa; browsers.

Okapia

<i>O. johnstoni</i>	Okapi	Zaire; forest
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Giraffa

<i>G. camelopardalis</i>	Giraffe	Africa S of Sahara; savanna
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Family Antilocapridae

One species.

Antilocapra

<i>A. americana</i>	Pronghorn	W, C USA – N Mexico; desert, grassland; *
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Family Bovidae

Cattle, antelope, sheep, goats; c. 123 species; N America, Eurasia, Africa; grazers, browsers.

Tragelaphus; (*Limnotragus*, *Boocercus*, *Strepsiceros*, *Taurotragus*).

<i>T. angasi</i>	Nyala	Natal – Malawi; savanna
<i>T. buxtoni</i>	Mountain nyala	Ethiopia; montane forest, grassland
<i>T. derbianus</i>	Giant eland	Senegal – Nile; savanna; (*)
<i>T. euryceros</i>	Bongo	Sierra Leone – Kenya; forest
<i>T. imberbis</i>	Lesser kudu	Ethiopia – Tanzania; steppe
<i>T. oryx</i>	Eland	E, S Africa; savanna
<i>T. scriptus</i>	Bushbuck	Africa S of Sahara; forest, scrub

<i>T. spekei</i>	Sitatunga	Africa S of Sahara; swamps
<i>T. strepsiceros</i>	Greater kudu	Chad – Ethiopia – S Africa; savanna
<i>Boselaphus</i>		
<i>B. tragocamelus</i>	Nilgai	India; forest, scrub
<i>Tetracerus</i>		
<i>T. quadricornis</i>	Four-horned antelope	India; woodland
<i>Bubalus</i>; (<i>Anoa</i>); Asiatic buffaloes; SE Asia; ref. 8.6; *.		
<i>B. arnee</i> (<i>bubalis</i>)	Water buffalo	India; ancestor of domestic form
<i>B. depressicornis</i>	Anoa	Celebes; forest
<i>B. mindorensis</i>	Tamarau	Mindoro, Philippines; swamp, forest
<i>B. quarlesi</i>	Mountain anoa	Celebes
<i>Bos</i>; (<i>Bibos</i>); oxen; Eurasia; forest; *.		
<i>B. javanicus</i> (<i>banteng</i>)	Banteng	Burma – Java, Borneo; forest; ancestor of domestic Bali cattle
<i>B. gaurus</i>	Gaur (Indian bison)	India – Malaya; forest; ancestor of domestic mithan (gayal), ' <i>B. frontalis</i> '
<i>B. mutus</i> (<i>grunniens</i>)	Yak	Tibetan Plateau; montane grassland; ancestor of domestic yak
<i>B. primigenius</i> (<i>taurus</i>)	Aurochs	Europe, W Asia; extinct in wild but ancestor of domestic cattle, including zebu, ' <i>B. indicus</i> '
<i>B. sauveli</i>	Kouprey	Indochina; forest
<i>Synceros</i>		
<i>S. caffer</i>	African buffalo	Africa S of Sahara; forest, savanna
<i>Bison</i>		
<i>B. bison</i>	American bison	N America; grassland (woodland); (*)
<i>B. bonasus</i>	European bison (Wisent)	E Europe; forest; *

Cephalophus; (<i>Philantomba</i>); forest duikers; Africa S of Sahara; forest.		
<i>C. adersi</i>	Ader's duiker	Zanzibar, E Kenya
<i>C. callipygus</i>	Peters' duiker	Gabon, Cameroun etc.
<i>C. dorsalis</i>	Bay duiker	Guinea – Zaire etc.
<i>C. jentinki</i>	Jentink's duiker	Liberia etc.; *
<i>C. leucogaster</i>	White-bellied duiker	Cameroun – E Zaire
<i>C. maxwelli</i>	Maxwell's duiker	Senegal – Nigeria
<i>C. monticola</i>	Blue duiker	SE Nigeria – Kenya – S Africa; *
<i>C. natalensis</i>	Red forest duiker	Somalia – E Zaire – S Africa
<i>C. niger</i>	Black duiker	Guinea – Nigeria
<i>C. nigrifrons</i>	Black-fronted duiker	Cameroun – Kenya – Angola; wet forest
<i>C. ogilbyi</i>	Ogilby's duiker	Sierra Leone – Gabon
<i>C. rufilatus</i>	Red-flanked duiker	Senegal – Sudan; forest-edge, thicket
<i>C. spadix</i>	Abbott's duiker	Tanzania; montane
<i>C. sylvicultor</i>	Yellow-backed duiker	Gambia – Kenya – Angola
<i>C. weynsi</i>		Zaire – W Kenya; ref. 8.8
<i>C. zebra</i>	Banded duiker	Liberia etc.
<i>Sylvicapra</i>		
<i>S. grimmia</i>	Common duiker	Africa S of Sahara; savanna
<i>Kobus;</i> (<i>Adenota, Onotragus</i>); Africa S of Sahara.		
<i>K. ellipsiprymnus</i> (defassa)	Waterbuck	Africa S of Sahara; savanna
<i>K. kob</i>	Kob	Volta – Kenya; savanna
<i>K. leche</i>	Lechwe	Zambia etc.; wet grassland; *
<i>K. megaceros</i>	Nile lechwe	S Sudan; swamps
<i>K. vardoni</i>	Puku	Zambia etc.; savanna
<i>Redunca;</i> reedbuck; Africa S of Sahara; savanna.		
<i>R. arundinum</i>	Reedbuck	S Africa – L Victoria
<i>R. fulvorufula</i>	Mountain reedbuck	S, E, C Africa
<i>R. redunca</i>	Bohar reedbuck	Senegal – Tanzania
<i>Pelea</i>		
<i>P. capreolus</i>	Rhebok	S Africa; hilly grassland
<i>Hippotragus</i>		
<i>H. equinus</i>	Roan antelope	Africa S of Sahara; savanna

<i>H. leucophaeus</i> †	Blue buck	SW Africa; extinct
<i>H. niger</i>	Sable antelope	S Africa – Kenya; savanna; (*)
<i>Oryx</i>		
<i>O. dammeh</i> (tao)	Scimitar oryx	S edge of Sahara; semi-desert; *
<i>O. gazella</i>	Gemsbok (Beisa)	SW, E Africa; steppe
<i>O. leucoryx</i>	Arabian oryx	Arabia; desert; *
<i>Addax</i>		
<i>A. nasomaculatus</i>	Addax	Sahara; desert, semi-desert; *
<i>Connochaetes</i>; (<i>Gorgon</i>); wildebeest; steppe.		
<i>C. gnou</i>	Black wildebeest (White-tailed gnu)	S Africa; *
<i>C. taurinus</i>	Blue wildebeest (Brindled gnu)	S, E Africa
<i>Alcelaphus</i>		
<i>A. buselaphus</i>	Hartebeest	W, E, SW Africa; steppe; (*)
<i>A. lichtensteini</i>	Lichtenstein's hartebeest	Angola – Tanzania; savanna
<i>Damaliscus</i>; (<i>Beatragus</i>).		
<i>D. dorcas</i>	Bontebok, Blesbok	S Africa; steppe; (*)
<i>D. hunteri</i>	Hunter's hartebeest	NE Kenya, S Somalia; steppe; *
<i>D. lunatus</i>	Tsessebi, Topi	Africa S of Sahara; savanna
<i>Oreotragus</i>		
<i>O. oreotragus</i>	Klipspringer	Africa S of Sahara; rocky hills in savanna
<i>Madoqua</i>; (<i>Rhynchotragus</i>); dik-diks; E, S Africa; dry steppe.		
<i>M. guentheri</i>	Gunther's dik-dik	E Africa
<i>M. kirki</i>	Kirk's dik-dik	SW, E Africa
<i>M. piacentinii</i>		SE Somalia
<i>M. saltiana</i> (<i>phillipsi</i>) (<i>swaynei</i>)	Salt's dik-dik	N, E Ethiopia, Somalia
<i>Dorcatragus</i>		
<i>D. megalotis</i>	Beira antelope	Somalia, E Ethiopia; semi-desert; *

Ourebia

<i>O. ourebi</i>	Oribi	Africa S of Sahara; steppe, savanna
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Raphiceros

<i>R. campestris</i>	Steenbok	S, E Africa; steppe, savanna
<i>R. melanotis</i>	Grysrok	SW Africa; steppe
<i>R. sharpei</i>	Sharpe's grysrok	S Africa – Tanzania; savanna

***Neotragus*; (*Nesotragus*).**

<i>N. batesi</i>	Bates' dwarf antelope	SE Nigeria – E Zaire etc.; forest
<i>N. moschatus</i>	Suni	Kenya – Natal; thicket; (*)
<i>N. pygmaeus</i>	Royal antelope	Sierra Leone – Ghana; forest

Aepyceros

<i>A. melampus</i>	Impala	S, E Africa; savanna; (*)
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Antilope

<i>A. cervicapra</i>	Blackbuck	India; steppe
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Antidoreas

<i>A. marsupialis</i>	Springbok	S Africa; steppe
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Litocranius

<i>L. walleri</i>	Gerenuk	E Africa; steppe
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Ammodorcas

<i>A. clarkei</i>	Dibatag	Somalia, E Ethiopia; semi-desert; *
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***Gazella*; gazelles; Sahara – Tanzania – Mongolia; desert, steppe.**

<i>G. cuvieri</i>	Edmi gazelle	Morocco, N Algeria, Tunis; *
<i>G. dama</i>	Addra gazelle	W, S Sahara; (*)
<i>G. dorcas</i>	Dorcas gazelle	Sahara – C India; (*)
<i>G. gazella</i>	Mountain gazelle (Idmi)	Arabia – Israel; (*)
<i>G. granti</i>	Grant's gazelle	Ethiopia – Tanzania
<i>G. leptoceros</i>	Sand gazelle (Rhim)	N Sahara; *
<i>G. rufifrons</i>	Red-fronted gazelle	Senegal – Ethiopia
<i>G. rufina</i> †	Red gazelle	Algeria; extinct
<i>G. soemmerringi</i>	Soemerring's gazelle	Sudan, Ethiopia, Somalia

<i>G. spekei</i>	Speke's gazelle (Dero)	Somalia, E Ethiopia; *
<i>G. subgutturosa</i>	Goitred gazelle	Arabia – Pakistan – Mongolia; (*)
<i>G. thomsoni</i>	Thomson's gazelle	Sudan – Tanzania
<i>Procapra</i> ; Chinese gazelles; Mongolia – Tibet; steppe.		
<i>P. gutturosa</i>	Mongolian gazelle	Mongolia etc.
<i>P. picticaudata</i>	Tibetan gazelle	Tibetan Plateau
<i>P. przewalskii</i>	Przewalski's gazelle	C China
<i>Pantholops</i>		
<i>P. hodgsoni</i>	Chiru (Tibetan antelope)	Tibetan Plateau; *
<i>Saiga</i>		
<i>S. tatarica</i>	Saiga	S Russia – Mongolia; steppe
<i>Nemorhaedus</i> ; gorals; E Asia; montane forest.		
<i>N. cranbrooki</i>	Red goral	N Burma
<i>N. goral</i>	Common goral	Himalayas – SE Siberia; *
<i>Capricornis</i> ; serows; E, SE Asia; forest.		
<i>C. crispus</i>	Japanese serow	Japan, Taiwan
<i>C. sumatraensis</i>	Mainland serow	Kashmir – C China – Sumatra; (*)
<i>Oreamnos</i>		
<i>O. americanus</i>	Mountain goat	NW USA – S Alaska
<i>Rupicapra</i>		
<i>R. rupicapra</i>	Chamois	N Spain – Caucasus, [New Zealand], montane; (*)
<i>Ovibos</i>		
<i>O. moschatus</i>	Musk ox	Alaska – Greenland; [Norway, Spitzbergen]; tundra
<i>Budorcas</i>		
<i>B. taxicolor</i>	Takin	E Himalayas, SW China; montane forest; (*)
<i>Hemitragus</i> ; tahrs; SW, S Asia; montane.		
<i>H. hylocrius</i>	Nilgiri tahr	S India; *
<i>H. jayakari</i>	Arabian tahr	Oman; *
<i>H. jemlahicus</i>	Himalayan tahr	Himalayas, [New Zealand]

Capra; goats; S Europe – C Asia – NE Africa; montane.

<i>C. aegagrus</i>	Wild goat (<i>hircus</i>)	Pakistan – Asia Minor, Crete; ancestor of domestic goat
<i>C. caucasica</i>	West Caucasian tur	W Caucasus
<i>C. cylindricornis</i>	East Caucasian tur	E Caucasus
<i>C. falconeri</i>	Markhor	W Himalayas, Afghanistan etc.; *
<i>C. ibex</i>	Ibex	Alps – C Asia – Ethiopia; (*)
<i>C. pyrenaica</i>	Spanish ibex	Spain; (*)

Ammotragus; (*Capra*).

<i>A. lervia</i>	Barbary sheep (Aoudad)	Sahara etc.
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Pseudois

<i>P. nayaur</i>	Bharal (Blue sheep)	Himalayas, W China; montane
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Ovis; sheep; W, C, NE Asia, W N America; montane; classification unstable; ref. 8.7.

<i>O. ammon</i>	Argali	Altai – Himalayas; *
<i>O. canadensis</i>	American bighorn (Mountain sheep)	SW Canada – W USA – N Mexico; *
<i>O. dalli</i>	Dall sheep (White sheep)	Alaska – N Br. Colombia
<i>O. nivicola</i>	Siberian bighorn	NE Siberia
<i>O. orientalis</i> (<i>laristanica</i>) (<i>musimon</i>)	Mouflon	Iran – Asia Minor, [Sardinia, Corsica, Cyprus, C Europe]; ancestor of domestic sheep, ' <i>O. aries</i> '; (*)
<i>O. vignei</i>	Urial	Kashmir – Iran, Turkestan; *

ORDER PHOLIDOTA

One family.

Family Manidae

Pangolins (scaly anteaters); 7 species; Africa, S Asia; forest, savanna; arboreal, terrestrial; feed on ants and termites.

Manis; (*Paramanis*, *Phataginus*, *Smutsia*, *Uromanis*).

<i>M. crassicaudata</i>	Indian pangolin	India, Sri Lanka; *
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<i>M. gigantea</i>	Giant ground pangolin	Senegal – Uganda – Angola; savanna, forest
<i>M. javanica</i>	Malayan pangolin	Burma – Java, Borneo, Palawan; *
<i>M. pentadactyla</i>	Chinese pangolin	Nepal – S China, Taiwan; *
<i>M. temmincki</i>	Temminck's ground pangolin	S Sudan – S Africa; savanna; *
<i>M. tetradactyla</i> (<i>longicaudata</i>)	Long-tailed pangolin	Senegal – Uganda – Angola; forest, arboreal
<i>M. tricuspis</i>	Tree pangolin	Senegal – W Kenya – Angola; forest, arboreal

ORDER RODENTIA

Rodents; c. 1591 species; worldwide; terrestrial, arboreal, subterranean, aquatic; mainly seed-eaters, also herbivores and insectivores.

Family Aplodontidae

One species.

Aplodontia

<i>A. rufa</i>	Mountain beaver	NW USA; wet forest
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Family Sciuridae

Squirrels; c. 246 species; Eurasia, Africa, N, C, S America; forest, savanna, (steppe).

Sciurus; (*Guerlinguetus*, *Neosciurus*); Palaearctic and American tree squirrels; forest; arboreal.

<i>S. aberti</i> (<i>kaibabensis</i>)	Tassel-eared squirrel	Colorado – NW Mexico, Arizona; montane pine forest; ref. 9.3
<i>S. aestuans</i> (<i>gilvigularis</i>)		N Argentina – Venezuela
<i>S. allenii</i>	Allen's squirrel	NE Mexico
<i>S. anomalus</i>	Persian squirrel	Iran, Asia Minor etc.
<i>S. apache</i>	Apache fox squirrel	S Arizona – N Mexico; montane
<i>S. arizonensis</i>	Arizona grey squirrel	Arizona, N Mexico; montane
<i>S. aureogaster</i> (<i>griseoflavus</i>) (<i>nelsoni</i>) (<i>poliopus</i>)	Guatemalan grey squirrel	C Mexico – Guatemala; ref. 9.4

<i>S. carolinensis</i>	Eastern grey squirrel	E, C USA, SE Canada, [Britain, Ireland, S Africa]; dec. forest
<i>S. chiricahuae</i>	Chiricahua squirrel	SE Arizona; montane
<i>S. colliae</i>	Collie's squirrel	NW Mexico; montane
<i>S. deppei</i>	Deppe's squirrel	E Mexico – Costa Rica
<i>S. flammifer</i>		Venezuela
<i>S. granatensis</i>		Ecuador, Venezuela – Costa Rica
<i>S. griseus</i>	Western grey squirrel	Washington – California
<i>S. ignitus</i>		N Argentina – Peru, W Brazil
<i>S. igniventer</i>		Colombia – Peru, N Brazil
<i>S. langsdorffii</i>		C, E, S Brazil, Bolivia
<i>S. lis</i>	Japanese squirrel	Japan, except Hokkaido
<i>S. nayaritensis</i>	Nayarit squirrel	WC Mexico
<i>S. niger</i>	Eastern fox squirrel	E, C USA; open forest; (*)
<i>S. oculatus</i>	Peters' squirrel	C Mexico
<i>S. pucherani</i>		Colombia
<i>S. pyrrhonotus</i>		Amazon basin
<i>S. richmondi</i>	Richmond's squirrel	Nicaragua
<i>S. sanborni</i>		SE Peru
<i>S. stramineus</i>		NE Peru, SE Ecuador
<i>S. variegatoides</i> (<i>goldmani</i>)	Variegated squirrel	SE Mexico – Panama
<i>S. vulgaris</i>	Eurasian red squirrel	Ireland – Hokkaido; con. forest
<i>S. yucatanensis</i>	Yucatan squirrel	Yucatan, Guatemala
 <i>Syntheosciurus</i> ; Central America; montane forest.		
<i>S. brochus</i>	Panama mountain squirrel	Panama
<i>S. poasensis</i>	Poas mountain squirrel	Panama, Costa Rica
 <i>Microsciurus</i> ; American pygmy squirrels.		
<i>M. alfarei</i>	Alfaro's pygmy squirrel	S Nicaragua – Panama
<i>M. boquetensis</i>	Boquete pygmy squirrel	W Panama
<i>M. flaviventer</i>		N Brazil, Peru
<i>M. mimulus</i> (<i>isthmicus</i>)		Panama – Ecuador
<i>M. santanderensis</i>		Colombia; ref. 9.5
 <i>Sciurillus</i>		
<i>S. pusillus</i>	South American pygmy squirrel	S America N of Amazon; forest

Prosciurillus; Celebes dwarf squirrels; Celebes; ref. 9.6.

<i>P. abstrusus</i>		Celebes
<i>P. leucomus</i>		Celebes etc.
<i>P. murinus</i>		Celebes

Rheithrosciurus

<i>R. macrotis</i>	Tufted ground squirrel	Borneo; forest
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Tamiasciurus; American red squirrels (chickarees); N America; coniferous forest.

<i>T. douglasi</i>	Douglas' squirrel	W coast USA
<i>T. hudsonicus</i> (<i>fremonti</i>)	American red squirrel	Canada, NE USA, Rockies

Funambulus; palm squirrels (Indian striped squirrels); India etc.; forest, scrub; terrestrial.

<i>F. layardi</i>	Layard's striped squirrel	Sri Lanka, S India
<i>F. palmarum</i>	Indian palm squirrel	Sri Lanka, India
<i>F. pennanti</i>	Northern palm squirrel	N, C India, Pakistan, Nepal
<i>F. sublineatus</i>	Dusky striped squirrel	Sri Lanka, S India
<i>F. tristriatus</i>	Jungle striped squirrel	S India

Ratufa; oriental giant squirrels; SE Asia; forest; *.

<i>R. affinis</i>	Cream-coloured giant squirrel	Malaya, Sumatra, Borneo
<i>R. bicolor</i>	Black giant squirrel	Nepal – S China – Java
<i>R. indica</i>	Indian giant squirrel	S, C India
<i>R. macroura</i>	Grizzled Indian squirrel	S India, Sri Lanka

Protoxerus; African giant squirrels; W, C, E Africa; forest.

<i>P. aubinni</i>	Slender-tailed giant squirrel	Liberia – Ghana
<i>P. stangeri</i>	Giant forest squirrel	Sierra Leone – Kenya – Angola

Epixerus

<i>E. ebii</i> (<i>wilsoni</i>)	Temminck's giant squirrel (African palm squirrel)	Liberia – R Zaire; high forest; *
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Funisciurus; African striped squirrels; Africa; forest.

<i>F. anerythrus</i>	Thomas' tree squirrel	Senegal, Nigeria – Uganda, Zaire
<i>F. bayoni</i>	Bocage's tree squirrel	NE Angola, SW Zaire
<i>F. carruthersi</i>	Mountain tree squirrel	Ruwenzori – Burundi; montane
<i>F. congicus</i>	Kuhl's tree squirrel	R Zaire – SW Africa
<i>F. isabella</i>	Gray's four-striped squirrel	Cameroun – R Zaire

<i>F. lemniscatus</i>	Le Conte's four-striped squirrel	R Sanaga – R Zaire
<i>F. leucogenys</i>	Orange-headed squirrel	Ghana – Cent. Af. Rep. – Rio Muni
<i>F. pyrrhopus</i>	Cuvier's tree squirrel	Gambia – Uganda – Angola
<i>F. substriatus</i>	De Winton's tree squirrel	Ivory Coast – Nigeria
<i>Paraxerus</i>; (<i>Aethosciurus</i>); African bush squirrels; Africa; savanna, dry forest.		
<i>P. alexandri</i>	Alexander's bush squirrel	NE Zaire, Uganda
<i>P. boehmi</i>	Boehm's bush squirrel	E, C Africa
<i>P. cepapi</i>	Smith's bush squirrel	S Angola – S Tanzania – Transvaal
<i>P. cooperi</i>	Cooper's green squirrel	Cameroun
<i>P. flavivittis</i>	Striped bush squirrel	N Mozambique – S Kenya
<i>P. lucifer</i>	Black and red bush squirrel	N Malawi, SW Tanzania; montane
<i>P. ochraceus</i>	Huet's bush squirrel	Tanzania – S Sudan
<i>P. palliatus</i>	Red bush squirrel	Natal – Somalia
<i>P. poensis</i>	Small green squirrel	Sierra Leone – R Zaire
<i>P. vexillarius</i>	Swynnerton's bush squirrel	C, E Tanzania; montane
<i>P. vincenti</i>	Vincent's bush squirrel	N Mozambique; perhaps a race of <i>P. vexillarius</i>
<i>Heliosciurus</i>; sun squirrels; Africa; forest; arboreal.		
<i>H. gambianus</i>	Gambian sun squirrel	Senegal – Ethiopia – Zambia; savanna, secondary forest
<i>H. rufobrachium</i>	Red-legged sun squirrel	Senegal – Kenya – Rhodesia; forest
<i>H. ruwenzorii</i>	Ruwenzori sun squirrel	E Zaire etc.; montane forest
<i>Hyosciurus</i>		
<i>H. heinrichi</i>	Celebes long-nosed squirrel	Celebes; montane forest
<i>Myosciurus</i>		
<i>M. pumilio</i>	African pygmy squirrel	SE Nigeria – Gabon; forest
<i>Callosciurus</i>; (<i>Tamiops</i>); oriental tree squirrels; SE Asia.		
<i>C. adamsi</i>	Ear-spot squirrel	N, NW Borneo
<i>C. baluensis</i>	Kinabalu squirrel	C, N Borneo; montane

<i>C. caniceps</i>	Grey-bellied squirrel (Golden-backed squirrel)	E Himalayas – Malaya, Taiwan
<i>C. elbertae</i>		Kabaena I, Celebes
<i>C. finlaysoni</i>	Finlayson's squirrel (Variable squirrel)	E Burma – Indochina
<i>C. flavimanus</i> (<i>erythraeus</i>)	Belly-banded squirrel	S China – Malaya, Taiwan
<i>C. inornatus</i>		Indochina
<i>C. leucomus</i>		Celebes
<i>C. macclllandii</i>	Himalayan striped squirrel	Nepal – S China – Malaya
<i>C. melanogaster</i>		Mentawai Is, Sumatra
<i>C. mowewensis</i>		Celebes
<i>C. nigrovittatus</i>	Black-banded squirrel	Malaya, Sumatra, Java, Borneo
<i>C. notatus</i>	Plantain squirrel	Malaya – Java, Borneo; secondary forest
<i>C. prevosti</i>	Prevost's squirrel	Malaya, Sumatra, Borneo, Celebes
<i>C. pygerythrus</i>	Irrawaddy squirrel	Nepal – Indochina
<i>C. quinquestriatus</i>	Anderson's squirrel	S China, Burma
<i>C. rodolphi</i>	Cambodian striped squirrel	Indochina
<i>C. rubriventer</i>		Celebes
<i>C. sarasinorum</i>		Celebes
<i>C. swinhoei</i>	Swinhoe's striped squirrel	NE China – Indochina

***Sundasciurus*; (*Callosciurus*); Sunda squirrels; SE Asia; forest; inclusion of species in this genus very provisional.**

<i>S. albicauda</i>		Calamian Is, Philippines
<i>S. brookei</i>	Brooke's squirrel	C, N Borneo
<i>S. hipporus</i>	Horse-tailed squirrel	Malaya, Sumatra, Borneo
<i>S. hoogstraali</i>		Busuanga, Philippines
<i>S. jentinki</i>	Jentink's squirrel	Borneo
<i>S. juvencus</i>		Palawan, Philippines
<i>S. lowi</i>	Low's squirrel	Malaya, Sumatra, Borneo
<i>S. mindanensis</i>		Mindanao, Philippines
<i>S. mollendorffi</i>		Calamian Is, Philippines
<i>S. philippinensis</i>		Basilan, Mindanao, Philippines
<i>S. rabori</i>		Palawan; ref. 9.98
<i>S. samarensis</i>		Samar, Philippines
<i>S. steeri</i>		Palawan, Philippines
<i>S. tenuis</i>	Slender squirrel	Malaya, Sumatra, Borneo

Menetes

<i>M. berdmorei</i>	Berdmore's squirrel (Indochinese ground squirrel)	Burma – Indochina
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Rhinosciurus

<i>R. laticaudatus</i>	Shrew-faced squirrel	Malaya, Sumatra, Borneo; forest
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Lariscus

<i>L. hosei</i>	Four-striped ground squirrel	N, NW Borneo; forest; *.
<i>L. insignis</i>	Three-striped ground squirrel	Malaya – Java, Borneo; forest
<i>L. niobe</i>		Sumatra

Dremomys

<i>D. everetti</i>	Bornean mountain ground squirrel	N, NW Borneo; montane forest
<i>D. lokriah</i>	Orange-bellied Himalayan squirrel	Nepal – N Burma; montane forest
<i>D. pernyi</i>	Perny's long-nosed squirrel	S China – Burma, Taiwan
<i>D. rufigenis</i> (<i>pyrrhomerus</i>)	Red-cheeked squirrel	S China – Malaya

Sciurotamias

<i>S. davidianus</i>	Père David's rock squirrel	Jehol – Szechwan, China
<i>S. forresti</i>	Forrest's rock squirrel	Yunnan, China

Glyphotes

<i>G. canavlus</i>	Grey-bellied sculptor squirrel	Mt Dulit, Borneo
<i>G. simus</i>	Red-bellied sculptor squirrel	Mt Kinabalu, Borneo

Nannosciurus

<i>N. concinnus</i>		Basilan, Philippines
<i>N. luncefordi</i>		Mindanao, Philippines
<i>N. melanotis</i>	Black-eared pygmy squirrel	Sumatra, Java, Borneo
<i>N. samaricus</i>		Samar, Philippines
<i>N. surrutilus</i>		Mindanao, Philippines

Exilisciurus

<i>E. exilis</i>	Plain pygmy squirrel	Borneo; lowland forest
<i>E. whiteheadi</i>	Whitehead's pygmy squirrel	NW Borneo; montane forest

Atlantoxerus

<i>A. getulus</i>	Barbary ground squirrel	Morocco, Algeria
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Xerus; (*Euxerus*, *Geosciurus*); African ground squirrels; Africa S of Sahara; savanna, steppe; terrestrial.

<i>X. erythropus</i>	Geoffroy's ground squirrel	Morocco, Senegal – Kenya
<i>X. inauris</i>	Cape ground squirrel	Africa S of Zambezi
<i>X. princeps</i>	Kaokoveld ground squirrel	S W Africa, S Angola
<i>X. rutilus</i>	Unstriped ground squirrel	Ethiopia – N Tanzania

Spermophilopsis

<i>S. leptodactylus</i>	Long-clawed ground squirrel	Russian Turkistan etc.; desert
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Marmota; marmots; Palaearctic, N America; alpine talus, grassland, (forest).

<i>M. bobak</i> (<i>baibacina</i>) (<i>himalayana</i>) (<i>sibirica</i>)	Bobak marmot	S Russia – Manchuria, Himalayas; grassland, steppe
<i>M. broweri</i>	Alaska marmot	N Alaska; vicariant of <i>M. camtschatica</i>
<i>M. caligata</i>	Hoary marmot	Alaska – Idaho; montane
<i>M. camtschatica</i>	Black-capped marmot	NE Siberia; montane
<i>M. caudata</i>	Long-tailed marmot	Tien Shan – Kashmir; montane
<i>M. flaviventris</i>	Yellow-bellied marmot	W USA; montane
<i>M. marmota</i>	Alpine marmot	C Europe; montane
<i>M. menzbieri</i>	Menzbier's marmot	W Tien Shan; *
<i>M. monax</i>	Woodchuck	Alaska – Labrador, E USA; forest
<i>M. olympus</i>	Olympic marmot	Olympic Peninsula, Washington, USA
<i>M. vancouverensis</i>	Vancouver marmot	Vancouver I, Canada; *

Cynomys; prairie dogs; C, W USA – C Mexico; grassland.

<i>C. gunnisoni</i>	Gunnison's prairie dog	Colorado – Arizona; high grassland
<i>C. leucurus</i>	White-tailed prairie dog	Wyoming etc.
<i>C. ludovicianus</i>	Black-tailed prairie dog	C USA; grassland
<i>C. mexicanus</i>	Mexican prairie dog	C Mexico; *
<i>C. parvidens</i>	Utah prairie dog	Utah; *

Spermophilus; (*Callospermophilus*, *Citellus*, *Otospermophilus*); ground squirrels, sousliks; N America, N Eurasia; grassland, steppe, (open forest).

<i>S. adocetus</i>	Tropical ground squirrel	C Mexico
<i>S. annulatus</i>	Ring-tailed ground squirrel	W Mexico

<i>S. armatus</i>	Uinta ground squirrel	Rocky Mts (USA)
<i>S. atricapillus</i>	Baja California rock squirrel	Baja California
<i>S. beecheyi</i>	California ground squirrel	California, W Oregon
<i>S. beldingi</i>	Belding's ground squirrel	W USA
<i>S. brunneus</i>	Idaho ground squirrel	W Idaho
<i>S. citellus</i> (<i>xanthopyrymnus</i>)	European souslik	E Europe; Asia Minor etc.
<i>S. columbianus</i>	Columbian ground squirrel	NW USA, SW Canada
<i>S. dauricus</i>	Daurian ground squirrel	E Mongolia, NW China
<i>S. franklini</i>	Franklin's ground squirrel	C USA, SC Canada; tall grass
<i>S. fulvus</i>	Large-toothed souslik	Turkestan
<i>S. lateralis</i>	Golden-mantled ground squirrel	W USA, SW Canada; montane forest, scrub
<i>S. madrensis</i>	Sierra Madre ground squirrel	Chihuahua, Mexico
<i>S. major</i>	Russet souslik	S Russia – Altai
<i>S. mexicanus</i>	Mexican ground squirrel	E Mexico, Texas
<i>S. mohavensis</i>	Mohave ground squirrel	Mohave Desert, S California
<i>S. parryi</i>	Arctic souslik (Arctic ground squirrel)	NE Siberia; Alaska – Hudson Bay; tundra
<i>S. perotensis</i>	Perote ground squirrel	Veracruz, Mexico
<i>S. pygmaeus</i>	Little souslik	S Russia, Kazakhstan
<i>S. relictus</i>	Tien Shan souslik	Tien Shan Mts
<i>S. richardsoni</i>	Richardson's ground squirrel	NW USA, SW Canada; grassland
<i>S. saturatus</i>	Cascade golden-mantled ground squirrel	Cascade Mts, Washington, Br. Columbia
<i>S. souslicus</i>	Spotted souslik	E Europe, S Russia
<i>S. spilosoma</i>	Spotted ground squirrel	SC USA, N Mexico
<i>S. tereticaudus</i>	Round-tailed ground squirrel	SW USA, NW Mexico; desert, scrub
<i>S. townsendi</i>	Townsend's ground squirrel	W USA; steppe
<i>S. tridecemlineatus</i>	Thirteen-lined ground squirrel	C USA, SC Canada; short grass
<i>S. undulatus</i>	Long-tailed souslik	Tien Shan – R Lena
<i>S. variegatus</i>	Rock squirrel	SW USA, Mexico; dry steppe, desert
<i>S. washingtoni</i>	Washington ground squirrel	Washington, Oregon
<i>Ammospermophilus</i>	antelope-squirrels; SW USA, N Mexico; desert, steppe.	
<i>A. harrisi</i>	Harris' antelope-squirrel	Arizona, N Mexico

<i>A. interpres</i>	Texas antelope-squirrel	New Mexico – N Mexico
<i>A. leucurus</i>	White-tailed antelope- squirrel	SW USA
<i>A. nelsoni</i>	Nelson's antelope-squirrel	California
<i>Tamias</i>; (<i>Eutamias</i>); chipmunks; N America, N Eurasia.		
<i>T. alpinus</i>	Alpine chipmunk	California; high montane
<i>T. amoenus</i>	Yellow-pine chipmunk	NW USA, SW Canada
<i>T. bulleri</i>	Buller's chipmunk	N Mexico
<i>T. canipes</i>	Grey-footed chipmunk	Yukon
<i>T. cinereicollis</i>	Grey-collared chipmunk	Arizona, New Mexico; montane forest
<i>T. dorsalis</i>	Cliff chipmunk	SW USA, N Mexico; pine, juniper forest
<i>T. merriami</i>	Merriam's chipmunk	S California; scrub, forest
<i>T. minimus</i>	Least chipmunk	W USA, S, C Canada; forest, scrub
<i>T. ochrogenys</i>		NW California; ref. 9.92
<i>T. palmeri</i>	Palmer's chipmunk	Nevada; montane forest
<i>T. panamintinus</i>	Panamint chipmunk	Arizona, California; scrub
<i>T. quadrivittatus</i>	Long-eared chipmunk	SW USA; montane forest
<i>T. ruficaudus</i>	Red-tailed chipmunk	NW USA, SW Canada; montane forest
<i>T. senex</i>		N California, S Oregon; ref. 9.92
<i>T. sibiricus</i>	Siberian chipmunk	Siberia, W China, Hokkaido
<i>T. siskiyou</i>		NW California, S Oregon; ref. 9.92
<i>T. sonomae</i>	Sonoma chipmunk	NW California; scrub
<i>T. speciosus</i>	Lodgepole chipmunk	California
<i>T. striatus</i>	Eastern chipmunk	E USA, SE Canada; forest
<i>T. townsendi</i>	Townsend's chipmunk	W coast USA
<i>T. umbrinus</i>	Uinta chipmunk	NW USA; montane forest
<i>Petaurista</i>; giant flying squirrels; E, SE Asia; forest.		
<i>P. alboculus</i>	Red and white flying squirrel	S China – Thailand, Taiwan
<i>P. elegans</i>	Spotted giant flying squirrel	Nepal – Java, Borneo

<i>P. leucogenys</i>	Japanese giant flying squirrel	Japan except Hokkaido; Kansu – Yunnan
<i>P. magnificus</i>	Hodgson's flying squirrel	Nepal, Sikkim
<i>P. petaurista</i>	Red giant flying squirrel	Kashmir – S China – Java, Borneo, Sri Lanka
 <i>Eupetaurus</i>		
<i>E. cinereus</i>	Woolly flying squirrel	Kashmir; montane coniferous forest, rocks
 <i>Pteromys</i>		
<i>P. momonga</i>	Small Japanese flying squirrel	Honshu, Kyushu, Japan
<i>P. volans</i>	Siberian flying squirrel	Finland – Korea, Hokkaido; coniferous forest
 <i>Glaucomys</i> ; American flying squirrels; N America; forest.		
<i>G. sabrinus</i>	Northern flying squirrel	Canada, W USA
<i>G. volans</i>	Southern flying squirrel	E USA – Honduras
 <i>Aeromys</i>		
<i>A. tephromelas</i> (<i>phaeomelas</i>)	Black flying squirrel	Malaya, Sumatra, Borneo
<i>A. thomasi</i>	Thomas' flying squirrel	Borneo
 <i>Hylopetes</i> ; pygmy flying squirrels; SE Asia; forest.		
<i>H. alboniger</i>	Particoloured flying squirrel	Nepal – Indochina
<i>H. fimbriatus</i>	Kashmir pygmy flying squirrel	Afghanistan – Kashmir
<i>H. lepidus</i> (<i>spadiceus</i>)	Red-cheeked flying squirrel	Thailand – Java, Borneo
<i>H. mindanensis</i>		Mindanao, Philippines
<i>H. nigripes</i>		Palawan, Philippines
<i>H. phayrei</i>	Phayre's flying squirrel	Burma, Thailand
<i>H. platusurus</i>	Grey-cheeked flying squirrel	Malaya – Java, Borneo
 <i>Petinomys</i>		
<i>P. crinitus</i>		Basilan, Philippines
<i>P. electilis</i>	Hainan flying squirrel	Hainan I, China
<i>P. fuscocapillus</i>	Travancore flying squirrel	S India, Sri Lanka
<i>P. genibarbis</i>	Whiskered flying squirrel	Malaya – Borneo
<i>P. hageni</i>		Borneo, Sumatra
<i>P. setosus</i> (<i>morrisi</i>)	White-bellied flying squirrel	Burma, Malaya, Sumatra, Borneo
<i>P. vordermanni</i>	Vordermann's flying squirrel	Malaya, Borneo

Aeretes

<i>A. melanopterus</i>	North Chinese flying squirrel	NE China
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Trogopterus

<i>T. xanthipes</i>	Complex-toothed flying squirrel	China
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Belomys

<i>B. pearsoni</i>	Hairy-footed flying squirrel	Sikkim – Indochina, Taiwan
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Pteromyscus

<i>P. pulverulentus</i>	Smoky flying squirrel	S Thailand – Sumatra, Borneo
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Petaurillus

<i>P. emiliae</i>		Sarawak, Borneo
<i>P. hosei</i>		Sarawak, Borneo
<i>P. kinlochi</i>	Selangor pygmy flying squirrel	Selangor, Malaya

Iomys

<i>I. horsfieldi</i>	Horsfield's flying squirrel	Malaya – Java, Borneo
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Family Geomyidae

Pocket gophers; c. 37 species; USA (especially SW) to Colombia; forest – steppe; subterranean; ref. 9.7.

Geomys

<i>G. arenarius</i>	Desert pocket gopher	S New Mexico etc.
<i>G. bursarius</i>	Plains pocket gopher	C USA
<i>G. colonus</i>	Colonial pocket gopher	SE Georgia
<i>G. cumberlandius</i>	Cumberland I pocket gopher	Cumberland I, SE Georgia
<i>G. fontanelus</i>	Sherman's pocket gopher	NE Georgia
<i>G. personatus</i>	Texas pocket gopher	S Texas, NE Mexico
<i>G. pinetis</i>	Southeastern pocket gopher	Alabama – C Florida
<i>G. tropicalis</i> (<i>personatus</i>)	Tropical pocket gopher	S Tamaulipas, E Mexico; ref. 9.8

Thomomys

<i>T. bottae</i>	Botta's pocket gopher	S USA – N Mexico
<i>T. bulbivorus</i>	Camas pocket gopher	NW Oregon
<i>T. clusius</i>		Wyoming; ref. 9.99
<i>T. mazama</i>	Western pocket gopher	Oregon, N California
<i>T. monticola</i>	Mountain pocket gopher	California

<i>T. talpoides</i>	Northern pocket gopher	NW USA, SW Canada
<i>T. townsendi</i>	Townsend's pocket gopher	Nevada, Idaho etc.
<i>T. umbrinus</i>	Southern pocket gopher	SW USA, Mexico
<i>Pappogeomys</i>; (<i>Cratogeomys</i>); Mexico, (S USA); ref. 9.9.		
<i>P. alcorni</i>	Alcorn's pocket gopher	Jalisco, Mexico
<i>P. bulleri</i>	Buller's pocket gopher	SW Mexico
<i>P. castanops</i>	Yellow-faced pocket gopher	SE Colorado – N Mexico
<i>P. fumosus</i>	Smoky pocket gopher	Colima, SW Mexico
<i>P. gymnurus</i>	Llano pocket gopher	C Mexico
<i>P. merriami</i>	Merriam's pocket gopher	C Mexico
<i>P. neglectus</i>	Queretaro pocket gopher	Queretaro, C Mexico
<i>P. tylorhinus</i>	Taylor's pocket gopher	C Mexico
<i>P. zinseri</i>	Zinser's pocket gopher	Jalisco, C Mexico
<i>Orthogeomys</i>; (<i>Heterogeomys</i>, <i>Macrogomys</i>); Mexico – Colombia.		
<i>O. cavator</i>	Chiriqui pocket gopher	W Panama, Costa Rica
<i>O. cherriei</i>	Cherrie's pocket gopher	Costa Rica
<i>O. cuniculus</i>	Oaxacan pocket gopher	Oaxaca, Mexico
<i>O. dariensis</i>	Darien pocket gopher	E Panama – Colombia
<i>O. grandis</i>	Large pocket gopher	Honduras – Guerrero, Mexico
<i>O. heterodus</i>	Variable pocket gopher	Costa Rica
<i>O. hispidus</i>	Hispid pocket gopher	E Mexico – Guatemala
<i>O. lanius</i>	Big pocket gopher	Veracruz, Mexico
<i>O. matagalpae</i>	Nicaraguan pocket gopher	Nicaragua, Honduras
<i>O. pygacanthis</i>	El Salvador pocket gopher	El Salvador
<i>O. underwoodi</i>	Underwood's pocket gopher	Costa Rica
<i>Zygogeomys</i>		
<i>Z. trichopus</i>	Michoacan pocket gopher	Michoacan, SW Mexico

Family Heteromyidae

Pocket mice, kangaroo-rats, etc.; c. 63 species; N, (C, S) America; desert, steppe, (forest).

Perognathus; pocket mice; Mexico, SW, (NW) USA; desert, steppe.

<i>P. alticola</i>	White-eared pocket mouse	S California
<i>P. amplus</i>	Arizona pocket mouse	Arizona etc.
<i>P. anthonyi</i>	Anthony's pocket mouse	Cerro I, Baja California
<i>P. arenarius</i>	Little desert pocket mouse	Baja California
<i>P. artus</i>	Narrow-skulled pocket mouse	NW Mexico
<i>P. baileyi</i>	Bailey's pocket mouse	Baja California, Arizona, Sonora
<i>P. californicus</i>	California pocket mouse	California

<i>P. dalquesti</i>	Dalquest's pocket mouse	Baja California; ref. 9.11
<i>P. fallax</i>	San Diego pocket mouse	S California, N Baja California
<i>P. fasciatus</i>	Olive-backed pocket mouse	Colorado – Saskatchewan
<i>P. flavescens</i> (<i>apache</i>)	Plains pocket mouse	Arizona – N Texas – Minnesota; ref. 9.10
<i>P. flavus</i> (<i>merriami</i>)	Silky pocket mouse	W Nebraska – C Mexico; ref. 9.12
<i>P. formosus</i>	Long-tailed pocket mouse	Utah – Baja California
<i>P. goldmani</i>	Goldman's pocket mouse	NW Mexico
<i>P. hispidus</i>	Hispid pocket mouse	N Dakota – C Mexico
<i>P. inornatus</i>	San Joaquin pocket mouse	California
<i>P. intermedius</i>	Rock pocket mouse	Arizona – SW Texas, N Mexico
<i>P. lineatus</i>	Lined pocket mouse	C Mexico
<i>P. longimembris</i>	Little pocket mouse	Utah – Baja California
<i>P. nelsoni</i>	Nelson's pocket mouse	N Mexico, SW Texas
<i>P. parvus</i>	Great Basin pocket mouse	Nevada – S Br. Colombia
<i>P. penicillatus</i>	Desert pocket mouse	S California – C Mexico
<i>P. pernix</i>	Sinaloan pocket mouse	NW Mexico
<i>P. spinatus</i>	Spiny pocket mouse	Baja California, S California
<i>P. xanthonotus</i>	Yellow-eared pocket mouse	C California
<i>Microdipodops</i> ; kangaroo-mice; Nevada etc.; sand-steppes.		
<i>M. megacephalus</i>	Dark kangaroo-mouse	Nevada etc.
<i>M. pallidus</i>	Pale kangaroo-mouse	SW Nevada

Dipodomys; kangaroo-rats; SW USA – Mexico; desert, steppe.

<i>D. agilis</i> (<i>paraliaus</i>) (<i>peninsularis</i>)	Agile kangaroo-rat	C California – Baja California; ref. 9.13
<i>D. californicus</i>		N California, S Oregon; ref. 9.13
<i>D. compactus</i>	Desert kangaroo-rat	Padre I, Texas; ref. 9.13
<i>D. deserti</i>	Texas kangaroo-rat	Nevada – NW Mexico
<i>D. elator</i>	Big-eared kangaroo-rat	N Texas; *
<i>D. elephantinus</i>	San Quintin kangaroo-rat	WC California; *
<i>D. gravipes</i>	Heermann's kangaroo-rat	NW Baja California
<i>D. heermanni</i>	Giant kangaroo-rat	California; (*)
<i>D. ingens</i>	San Jose kangaroo-rat	S California
<i>D. insularis</i>		San Jose I, Baja California

<i>D. merriami</i> (<i>margaritae</i>)	Merriam's kangaroo-rat	Nevada – C Mexico
<i>D. microps</i>	Chisel-toothed kangaroo-rat	Nevada etc.
<i>D. nelsoni</i>	Nelson's kangaroo-rat	NC Mexico
<i>D. nitratoides</i>	Fresno kangaroo-rat	C California
<i>D. ordi</i>	Ord's kangaroo-rat	W USA, NE Mexico
<i>D. panamintinus</i>	Panamint kangaroo-rat	California, SW Nevada; montane
<i>D. phillipsi</i> (<i>ornatus</i>)	Phillips' kangaroo-rat	C Mexico; ref. 9.14; (*)
<i>D. spectabilis</i>	Banner-tailed kangaroo-rat	New Mexico – C Mexico
<i>D. stephensi</i>	Stephens' kangaroo-rat	S California
<i>D. venustus</i>	Narrow-faced kangaroo-rat	WC California
<i>Liomys</i>; spiny pocket-mice; Mexico – Panama; arid scrub, steppe; ref. 9.15.		
<i>L. adspersus</i>	Panamanian spiny pocket mouse	C Panama
<i>L. irroratus</i>	Mexican spiny pocket mouse	S Texas – S Mexico
<i>L. pictus</i> (<i>annectens</i>)	Painted spiny pocket mouse	W, S Mexico
<i>L. salvini</i> (<i>crispus</i>)	Salvin's spiny pocket mouse	S Mexico – Costa Rica
<i>L. spectabilis</i>	Jaliscan spiny pocket mouse	Jalisco, WC Mexico
<i>Heteromys</i>; forest spiny pocket mice; S Mexico – Ecuador; forest.		
<i>H. anomalus</i>	Trinidad spiny pocket mouse	Colombia, Venezuela, Trinidad
<i>H. australis</i>	Southern spiny pocket mouse	E Panama – Ecuador
<i>H. desmarestianus</i>	Desmarest's spiny pocket mouse	S Mexico – Colombia
<i>H. gaumeri</i>	Gaumer's spiny pocket mouse	Yucatan, Mexico
<i>H. goldmani</i>	Goldman's spiny pocket mouse	Guatemala, Chiapas
<i>H. lepturus</i>	Santo Domingo spiny pocket mouse	S Mexico
<i>H. longicaudatus</i>	Long-tailed spiny pocket mouse	Tabasco, S Mexico
<i>H. nelsoni</i>	Nelson's spiny pocket mouse	Chiapas, S Mexico
<i>H. nigricaudatus</i>	Goodwin's spiny pocket mouse	Oaxaca, Mexico
<i>H. oresterus</i>	Mountain spiny pocket mouse	Costa Rica
<i>H. temporalis</i>	Motzarongo spiny pocket mouse	Veracruz, Mexico

Family Castoridae

Castor; beavers; 2 species; freshwater in deciduous forest.

<i>C. canadensis</i>	American beaver	N America, [Finland]
<i>C. fiber</i>	Eurasian beaver	Europe – Altai
(<i>albicus</i>)		

Family Anomaluridae

Scaly-tailed squirrels; 7 species; W, C Africa; forest; arboreal.

Anomalurus; (*Anomalurops*); large scaly-tailed squirrels; W, C Africa.

<i>A. beecrofti</i>	Beecroft's flying squirrel	W Africa – Zaire
<i>A. derbianus</i>	Lord Derby's flying squirrel	Sierra Leone – Mozambique, Angola
<i>A. peli</i>	Pel's flying squirrel	Sierra Leone – Ghana
<i>A. pusillus</i>	Little flying squirrel	Zaire, S Cameroun, Gabon

Idiurus; pygmy scaly-tailed squirrels; W, C Africa.

<i>I. macrotis</i>	Long-eared flying squirrel	W Africa – Zaire
<i>I. zenkeri</i>	Zenker's flying squirrel	Cameroun, Zaire

Zenkerella

<i>Z. insignis</i>	Flightless scaly-tailed squirrel	Cameroun, Rio Muni, ? Gabon; forest
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Family Pedetidae

Pedetes

<i>P. capensis</i>	Spring hare (Springhaas)	S Africa – S Kenya; steppe
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Family Muridae

Mice, rats, voles, gerbils, hamsters etc.; c. 1011 species; worldwide in all terrestrial (and freshwater) habitats; feed mainly on seeds, also grass, insects etc.

Subfamily Hesperomyinae

New-world mice and rats; c. 349 species; N, C, S America; desert – forest; classification of many Central and South American representatives very provisional.

Oryzomys; (*Melanomys*, *Nectomys*, *Nesoryzomys*, *Oecomys*, *Sigmodontomys*); rice rats; S USA – Tierra del Fuego; grassland, marshes, scrub, (forest).

<i>O. albicularis</i>	Bolivia – Costa Rica;
(<i>deivius</i>)	montane
(<i>pirrensis</i>)	

<i>O. alfaroi</i>	Alfaro's rice rat	C Mexico – Ecuador
<i>O. altissimus</i>		Peru, Ecuador; montane
<i>O. andinus</i>		NE Peru
<i>O. antillarum</i> †	Jamaican rice rat	Jamaica; extinct
<i>O. aphrastus</i>	Harris' rice rat	Costa Rica
<i>O. arenalis</i>		NE Peru
<i>O. argentatus</i>		Cudjoe Key, Florida; ref. 9.20
<i>O. auriventer</i>		Peru, Ecuador; ref. 9.18
<i>O. balneator</i>		Ecuador, E of Andes
<i>O. bauri</i>		Santa Fe I, Galapagos
<i>O. bicolor</i> (<i>endersi</i>)		Bolivia, Amazon
<i>O. trabeatus</i>		Basin – Panama; forest; ref. 9.19
<i>O. bombycinus</i>	Silky rice rat (Long-whiskered rice rat)	Nicaragua – N Ecuador
<i>O. buccinatus</i>		Paraguay, N Argentina
<i>O. caliginosus</i>		Honduras – Ecuador
<i>O. capito</i> (<i>talamancae</i>)	Dusky rice rat	Brazil, N Argentina – Costa Rica, E of Andes
<i>O. catherinae</i>		Guyana – SE Brazil
<i>O. caudatus</i>		Oaxaca, S Mexico
<i>O. chaparensis</i>		E Bolivia
<i>O. concolor</i> (<i>trinitatis</i>)		E Brazil, Bolivia – Costa Rica; ref. 9.19
<i>O. cozumelae</i>	Cozumel Island rice rat	Cozumel I, Yucatan, Mexico
<i>O. darwini</i> †		Santa Cruz I, Galapagos; probably extinct
<i>O. delicatus</i> (<i>microtis</i>)		Colombia – Guyana, N Brazil
<i>O. delticola</i>		NE Argentina, Uruguay
<i>O. dimidiatus</i>	Thomas' water rat	Nicaragua
<i>O. fornesi</i>		N Argentina; ref. 9.21
<i>O. fulgens</i>	Thomas' rice rat	C Mexico
<i>O. fulvescens</i>	Pygmy rice rat	C Mexico – Venezuela
<i>O. galapagoensis</i> †		San Cristobal I, Galapagos; probably extinct
<i>O. gorgasi</i>		NW Colombia; forest; ref. 9.23

<i>O. hammondi</i>		NW Ecuador
<i>O. indefessus</i> †		Santa Cruz I, Galapagos; probably extinct
<i>O. intectus</i>		Colombia; montane
<i>O. longicaudatus</i>		Tierra del Fuego – Peru
<i>O. macconnelli</i>		Surinam – Ecuador
<i>O. maculipes</i>		E Brazil
<i>O. melanostoma</i>		E Peru
<i>O. melanotis</i>	Black-eared rice rat	Mexico
<i>O. minutus</i>		Ecuador – Colombia; montane
<i>O. munchiquensis</i>		W Colombia
<i>O. narboroughi</i>		Fernandina I, Galapagos
<i>O. nelsoni</i>	Nelson's rice rat	Maria Madre I, W Mexico
<i>O. nigripes</i> (<i>flavescens</i>)		Paraguay, E Brazil; ref. 9.22
<i>O. palustris</i> (<i>couesi</i>)	Marsh rice rat	SE USA – Panama; marshes
<i>O. gatunensis</i>		
<i>O. peninsulae</i>	Baja California rice rat	S Baja California
<i>O. phaeotis</i>		SE Peru
<i>O. polius</i>		N Peru
<i>O. ratticeps</i>		SE Brazil, Paraguay
<i>O. robustulus</i>		E Ecuador
<i>O. russulus</i> (<i>alfari</i>)	Alfaro's water rat	Honduras – Venezuela, Ecuador; ref. 9.18
<i>O. simplex</i>		E Brazil
<i>O. spodiurus</i>		E Ecuador
<i>O. subflavus</i>		E Brazil
<i>O. swarthi</i> †		San Salvador I, Galapagos; extinct
<i>O. utiaritensis</i>		C Brazil
<i>O. vinctus</i> †	St Vincent rice rat	St Vincent I, W Indies; extinct
<i>O. villosus</i>		N Colombia
<i>O. xantheolus</i>		Peru
<i>O. yunganus</i>		Bolivia; ref. 9.18
<i>O. zunigae</i>		Peru; coastal
 <i>Megalomys</i> †; giant rice rats; Lesser Antilles; extinct.		
<i>M. desmaresti</i> †	Antillean giant rice rat	Martinique, Lesser Antilles; extinct
<i>M. luciae</i> †	Santa Lucia giant rice rat	Santa Lucia, Lesser Antilles; extinct

Wiedomys

<i>W. pyrrhorhinos</i>	Red-nosed mouse	E Brazil; scrub; ref. 9.24
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Neacomys; bristly mice (spiny rice rats); northern S America; forest.

<i>N. guianae</i>	Surinam – S Venezuela
<i>N. spinosus</i>	SW Brazil – Peru – Colombia
<i>N. tenuipes</i>	E Panama – Ecuador,
(<i>pictus</i>)	Venezuela
(<i>pusillus</i>)	

Scolomys

<i>S. melanops</i>	Ecuador spiny mouse	Ecuador
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Nectomys

<i>N. squamipes</i>	South American water rat	S America N of Paraguay & S Brazil
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Rhipidomys; American climbing mice; S America; forest.

<i>R. latimanus</i>	Colombia, Venezuela, Ecuador
(<i>fulviventer</i>)	
(<i>venustus</i>)	
<i>R. leucodactylus</i>	N Argentina – Venezuela
<i>R. macconnelli</i>	SE Venezuela etc.
<i>R. mastacalis</i>	N Brazil, Venezuela, Guianas
(<i>venezuelae</i>)	
<i>R. scandens</i>	E Panama
<i>R. sclateri</i>	Venezuela, Guyana, Trinidad

Thomasomys; (*Wilfredomys*); S America; forest.

<i>T. aureus</i>	Peru – Colombia; montane
<i>T. boeops</i>	W Ecuador
<i>T. bombycinus</i>	Colombia; montane
<i>T. cinereiventer</i>	Colombia, Ecuador; montane
<i>T. cinereus</i>	S Ecuador, N Peru
<i>T. daphne</i>	Bolivia, S Peru
<i>T. dorsalis</i>	E Brazil
<i>T. gracilis</i>	Ecuador, Peru
<i>T. hylophilus</i>	NE Colombia, W Venezuela
<i>T. incanus</i>	Peru
<i>T. ischyurus</i>	E Peru, E Ecuador
<i>T. kalinowskii</i>	Peru

<i>T. ladewi</i>		NW Bolivia; montane
<i>T. laniger</i>		W Venezuela, Colombia
<i>T. lugens</i>		Venezuela – Ecuador
<i>T. notatus</i>		SE Peru; montane
<i>T. oenax</i>		S, E Brazil, Uruguay
<i>T. oreas</i>		Bolivia; montane
<i>T. paramorum</i>		Ecuador; montane
<i>T. pictipes</i>		NE Argentina
<i>T. pyrrhonotus</i>		S Ecuador, N Peru
<i>T. rhoadsi</i>		Ecuador
<i>T. rosalinda</i>		N Peru
<i>T. taczanowskii</i>		N Peru
<i>T. vestitus</i>		W Venezuela
<i>Phaenomys</i>		
<i>P. ferrugineus</i>	Rio rice rat	E Brazil
<i>Chilomys</i>		
<i>C. instans</i>	Colombian forest mouse	Colombia, Venezuela; montane forest
<i>Tylomys</i>; American climbing rats; S Mexico – Ecuador; forest.		
<i>T. bullaris</i>	Chiapan climbing rat	Chiapas, S Mexico
<i>T. mirae</i>		Colombia, N Ecuador
<i>T. nudicaudus</i> (<i>gymnurus</i>)	Naked-tailed climbing rat	S Mexico – Nicaragua
<i>T. panamensis</i>	Panama climbing rat	E Panama
<i>T. tumbalensis</i>	Tumbala climbing rat	Chiapas, S Mexico
<i>Ototylomys</i>		
<i>O. phyllotis</i>	Big-eared climbing rat	Yucatan – Costa Rica; ref. 9.25
<i>Nyctomy</i>s		
<i>N. sumichrasti</i>	Sumichrast's vesper rat	S Mexico – Panama; forest
<i>Otonyctomys</i>		
<i>O. hatti</i>	Yucatan vesper rat	Yucatan, Br. Honduras, N Guatemala; forest
<i>Rhagomys</i>		
<i>R. rufescens</i>		E Brazil; forest
<i>Reithrodontomys</i>; American harvest mice; N, C, (S) America; grassland, forest.		
<i>R. brevirostris</i>	Short-nosed harvest mouse	Costa Rica, Nicaragua
<i>R. burti</i>	Sonoran harvest mouse	NW Mexico
<i>R. chrysopsis</i>	Volcano harvest mouse	C Mexico

<i>R. creper</i>	Chiriqui harvest mouse	Costa Rica, W Panama; forest, terrestrial
<i>R. darienensis</i>	Darien harvest mouse	E Panama; forest, arboreal
<i>R. fulvescens</i>	Fulvous harvest mouse	S USA – Nicaragua
<i>R. gracilis</i>	Slender harvest mouse	S Mexico – Costa Rica
<i>R. hirsutus</i>	Hairy harvest mouse	WC Mexico
<i>R. humulis</i>	Eastern harvest mouse	SE USA
<i>R. megalotis</i>	Western harvest mouse	W, C USA – S Mexico
<i>R. mexicanus</i>	Mexican harvest mouse	C Mexico – Ecuador
<i>R. microdon</i>	Small-toothed harvest mouse	S Mexico – Guatemala
<i>R. montanus</i>	Plains harvest mouse	SC USA, NC Mexico
<i>R. paradoxus</i>		W Nicaragua; ref. 9.26
<i>R. raviventris</i>	Saltmarsh harvest mouse	San Francisco Bay; *
<i>R. rodiguezi</i>	Rodriguez's harvest mouse	Costa Rica
<i>R. sumichrasti</i>	Sumichrast's harvest mouse	C Mexico – Panama
<i>R. tenuirostris</i>	Narrow-nosed harvest mouse	Guatemala etc.; montane

Peromyscus; deer mice etc., N, C America; forest – desert; ref. 9.27.

<i>P. altilaneus</i>	Todos Santos deer mouse	Guatemala; montane forest
<i>P. attwateri</i>	Texas mouse	Texas, Oklahoma etc.; forest, rocks
<i>P. aztecus</i> (<i>oaxacensis</i>)	Aztec mouse	C Mexico – Honduras; wet forest; ref. 9.30
<i>P. banderanus</i>	Michoacan deer mouse	SW Mexico; dry forest
<i>P. boylei</i>	Brush mouse	C, SW USA – Honduras
<i>P. bullatus</i>	Perote mouse	Veracruz, Mexico
<i>P. californicus</i>	California mouse	C, S California; scrub
<i>P. caniceps</i>	Burt's deer mouse	Monserrate I, Baja California
<i>P. chinanteco</i>		Oaxaca, Mexico; ref. 9.32
<i>P. comanche</i>	Palo Duro mouse	Texas, ref. 9.34
<i>P. crinitus</i>	Canyon mouse	Oregon – Colorado – NW Mexico; desert
<i>P. dickeyi</i>	Dickey's deer mouse	Tortuga I, Baja California
<i>P. difficilis</i> (<i>nasutus</i>)	Zacatecan deer mouse	Colorado – S Mexico; arid, rocky hills
<i>P. eremicus</i> (<i>collatus</i>)	Cactus mouse	Nevada – N Mexico; ref. 9.29

<i>P. eva</i>		Baja California; ref. 9.28
<i>P. flavidus</i> (? <i>pirrensis</i>)	Yellow deer mouse	W Panama – NE Colombia; montane
<i>P. floridanus</i>	Florida mouse	Florida
<i>P. furvus</i> (<i>latirostris</i>)	Blackish deer mouse	E Mexico; wet forest
<i>P. gossypinus</i>	Cotton mouse	SE USA; forest, swamps
<i>P. grandis</i>	Big deer mouse	Guatemala; montane forest
<i>P. guardia</i>	Angel Island mouse	Angel de la Guarda I, Baja California
<i>P. guatemalensis</i>	Guatemalan deer mouse	S Mexico – Honduras; montane forest
<i>P. gymnotis</i> (<i>allophylus</i>)		SE Mexico, Guatemala; ref. 9.31
<i>P. hooperi</i>	Hooper's mouse	Coahuila, N Mexico; ref. 9.35
<i>P. interparietalis</i>	San Lorenzo mouse	San Lorenzo I, Baja California
<i>P. lepturus</i> (<i>ixtlani</i>)	Slender-tailed deer mouse	Oaxaca, S Mexico; montane forest
<i>P. leucopus</i>	White-footed mouse	E, C USA – S Mexico; forest, scrub
<i>P. lophurus</i>	Crested-tailed mouse	SE Mexico – El Salvador; montane forest
<i>P. madrensis</i>	Tres Marias Island mouse	Tres Marias Is, W Mexico; ref. 9.33
<i>P. maniculatus</i>	Deer mouse	Labrador – Yukon – S Mexico
<i>P. mayensis</i>	Maya mouse	Guatemala; montane forest; ref. 9.36
<i>P. megalops</i>	Brown deer mouse	S Mexico; montane forest
<i>P. mekisturus</i>	Puebla deer mouse	Puebla, C Mexico; montane
<i>P. melanocarpus</i>	Zempoaltepec deer mouse	S Mexico; montane forest
<i>P. melanophrys</i>	Plateau mouse	C, S Mexico; steppe, desert
<i>P. melanotis</i>	Black-eared mouse	N, C Mexico; sibling of <i>P. maniculatus</i>

<i>P. merriami</i>	Merriam's mouse	NW Mexico, S Arizona; desert
<i>P. mexicanus</i>	Mexican deer mouse	E Mexico – Nicaragua; forest, scrub
<i>P. nudipes</i>	Naked-footed deer mouse	Costa Rica etc.; montane forest
<i>P. ochraventer</i>	El Carrizo deer mouse	NE Mexico; wet forest
<i>P. pectoralis</i>	White-ankled mouse	Texas, N, C Mexico; desert, scrub
<i>P. pembertoni</i>	Pemberton's deer mouse	San Pedro Nolasco I, NW Mexico
<i>P. perfulvus</i>	Marsh mouse	WC Mexico
<i>P. polionotus</i>	Oldfield mouse	SE USA
<i>P. polius</i>	Chihuahuan mouse	Chihuahua, Mexico
<i>P. pseudocrinitus</i>	False canyon mouse	Coronados I, Baja California
<i>P. sejugis</i>	Santa Cruz mouse	Santa Cruz & San Diego Is, Baja California
<i>P. simulatus</i>	Jico deer mouse	Veracruz, EC Mexico; forest
<i>P. simulus</i>		NW Mexico; ref. 9.33
<i>P. sitkensis</i>	Sitka mouse	Alexander & Queen Charlotte Is, Alaska/ W Canada
<i>P. slevini</i>	Slevin's mouse	Santa Catalina I, Baja California
<i>P. spicilegus</i>		C Mexico; ref. 9.33
<i>P. stephani</i>	San Esteban Island mouse	San Esteban I, Baja California
<i>P. stirtoni</i>	Stirton's deer mouse	Honduras, El Salvador; montane
<i>P. thomasi</i>	Thomas' deer mouse	S Mexico; montane forest
<i>P. truei</i>	Piñon mouse	SW USA – S Mexico; scrub, steppe
<i>P. winkelmanni</i>	Winkelmann's mouse	Michoacan, W Mexico; montane; ref. 9.33
<i>P. yucatanicus</i>	Yucatan deer mouse	Yucatan, Mexico; forest
<i>P. zarhynchus</i>	Chiapan deer mouse	SE Mexico; montane forest
<i>Ochrotomys</i>		
<i>O. nuttalli</i>	Golden mouse	SE USA; forest

Baiomys; American pygmy mice; C, (N) America; grassland.

<i>B. musculus</i>	Southern pygmy mouse	S Mexico – Nicaragua
<i>B. taylori</i>	Northern pygmy mouse	Texas, Arizona – C Mexico

Onychomys; grasshopper mice; W North America; scrub, steppe.

<i>O. arenicola</i>		New Mexico, N Mexico; ref. 9.94
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<i>O. leucogaster</i>	Northern grasshopper mouse	SW Canada – N Mexico
<i>O. torridus</i>	Southern grasshopper mouse	SW USA – C Mexico

Akodon; South American field mice; S America; grassland, forest; (ref. 9.37).

<i>A. affinis</i>		Colombia
<i>A. andinus</i>		C Chile – Peru; montane
<i>A. arvicoloides</i>		E Brazil
<i>A. azarae</i>		NE Argentina – Bolivia – SE Brazil
<i>A. boliviensis</i>		S Peru – NW Argentina
<i>A. caenosus</i>		NW Argentina, S Bolivia
<i>A. chacoensis</i>		N Argentina
<i>A. cursor</i>		Uruguay, Paraguay, SE Brazil; ref. 9.38
<i>A. dolores</i>		Sierra de Cordoba, C Argentina
<i>A. iniscatus</i>		C Argentina
<i>A. kempfi</i>		Islands in Parana Estuary
<i>A. llanoi</i>		I de las Estados, Tierra del Fuego; ref. 9.39
<i>A. markhami</i>		Wellington I, S Chile; ref. 9.40
<i>A. molinae</i>		E Argentina; ref. 9.41
<i>A. mollis</i>		Peru – Bolivia
<i>A. olivaceus</i>		Chile, W Argentina
<i>A. orophilus</i>		Peru
<i>A. pacificus</i>		W Bolivia; montane
<i>A. puer</i>		Bolivia, Peru; montane
<i>A. serrensis</i>		E, SE Brazil, N Argentina
<i>A. surdus</i>		SE Peru
<i>A. tapirapoanus</i>		Bolivia, SW Brazil
<i>A. urichi</i>		Peru – Venezuela; montane
<i>A. varius</i>		W Argentina – Bolivia
<i>A. xanthorhinus</i>		Patagonia, Tierra del Fuego

***Abrothrix*; (*Akodon*); Argentina, Chile.**

<i>A. illuteus</i>	NW Argentina
<i>A. longipilis</i> (<i>lanosus</i>)	C Chile, W Argentina – Tierra del Fuego
(<i>sanborni</i>)	

***Bolomys*; (*Akodon*); Peru – N Argentina.**

<i>B. albiventer</i>	NW Argentina, S Bolivia
<i>B. amoenus</i>	SE Peru; montane
<i>B. berlepschi</i>	S Peru, W Bolivia, N Chile; montane
<i>B. lactens</i>	NW Argentina; montane

***Chroemomys*; (*Akodon*).**

<i>C. jelskii</i>	NW Argentina – C Peru; montane
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***Hypsomys*; (*Akodon*).**

<i>H. budini</i>	NW Argentina; montane
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***Microxus*; (*Akodon*).**

<i>M. bogotensis</i>	Colombia, Venezuela
<i>M. iheringi</i>	S Brazil
<i>M. latebricola</i>	Ecuador; montane
<i>M. mimus</i>	SE Peru; montane

***Talpomys*; (*Akodon*).**

<i>T. lasiotis</i>	E Brazil
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***Thaptomys*; (*Akodon*).**

<i>T. nigrita</i>	E, S Brazil, N Argentina
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***Cabreramys*; (*Akodon*); ref. 9.22.**

<i>C. benefactus</i>	E Argentina
<i>C. lenguarium</i>	Paraguay, Bolivia
<i>C. obscurus</i>	S Uruguay, NE Argentina

***Zygodontomys*; cane mice; C, S America; savanna; ref. 9.17.**

<i>Z. borрeroi</i>	N Colombia: ref. 9.18
<i>Z. brevicauda</i> (<i>cherriei</i>)	Costa Rica – Ecuador, Surinam
<i>Z. lasiurus</i> (<i>microtinus</i>)	E, S Brazil, Paraguay

Podoxymys

<i>P. roraimae</i>	Roraima mouse Guyana etc.
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Lenoxus

<i>L. apicalis</i>	Peruvian rat	Peru, Bolivia; montane forest
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Oxymycterus; (*Akodon*); burrowing mice; S America S of Amazon; forest, cultivation.

<i>O. akodontius</i>	NW Argentina
<i>O. angularis</i>	E Brazil
<i>O. delator</i>	Paraguay
<i>O. hispidus</i>	NE Argentina – E Brazil
<i>O. iheringi</i>	S Brazil, N Argentina; ref. 9.42
<i>O. inca</i>	W Bolivia – C Peru
<i>O. paramensis</i>	SE Peru – N Argentina
<i>O. roberti</i>	E Brazil
<i>O. rufus</i>	C, E Brazil – NE Argentina
<i>O. sanborni</i>	S Chile, Chiloe; ref. 9.42

Juscelinomys; ref. 9.43.

<i>J. candango</i>	Brasilia, Brazil
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Blarinomys

<i>B. breviceps</i>	Brazilian shrew-mouse	SE Brazil; montane forest
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Notiomys; long-clawed mice (mole-mice); southern S America; grassland, forest; subterranean.

<i>N. angustus</i>	W Argentina
<i>N. edwardsi</i>	S Argentina
<i>N. megalonyx</i> (<i>delfini</i>)	C Chile – Patagonia
<i>N. valdivianus</i>	Chile, S Argentina

Kunsia; (*Scapteromys*); ref. 9.44.

<i>K. fronto</i>	SE Brazil, Paraguay
<i>K. tomentosus</i> (<i>aquaticus</i>)	S Brazil, Bolivia; savanna, subterranean

Scapteromys

<i>S. tumidus</i>	Uruguay, NE Argentina etc.; swamps; ref. 9.44
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Scotinomys; brown mice; central America; montane; ref. 9.45.

<i>S. teguina</i>	Alston's brown mouse	S Mexico – W Panama; montane forest
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<i>S. xerampelinus</i>	Chiriquí brown mouse	Costa Rica, W Panama; montane forest, grass
<i>Calomys</i>; (<i>Baiomys</i>, <i>Hesperomys</i>); vesper mice; southern S America; grassland, scrub; ref. 9.47.		
<i>C. callosus</i>		S Brazil – Bolivia – N Argentina; scrub
<i>C. fecundus</i>		Bolivia
<i>C. hummeli</i>		Venezuela
<i>C. laucha</i>		C Argentina – SE Brazil; grassland, scrub
<i>C. lepidus</i>		Peru, Bolivia etc.; montane
<i>C. musculinus</i>		Argentina; ref. 9.46
<i>C. sorellus</i>		Peru; montane
<i>Eligmodontia</i>; highland desert mice; Chile etc.; arid scrub.		
<i>E. puerulus</i>		S Peru – N Chile
<i>E. typus</i>		C Chile – S Patagonia
<i>Graomys</i>; (<i>Phyllotis</i>); ref. 9.47.		
<i>G. domorum</i>		N Argentina, Bolivia; montane
<i>G. griseoflavus</i>		C Argentina – Paraguay, Bolivia
<i>G. hypogaeus</i>		NW Argentina
<i>Andalgalomys</i>; (<i>Graomys</i>); ref. 9.48.		
<i>A. olrogi</i>		NW Argentina; steppe
<i>A. pearsoni</i>		Paraguay; grassland
<i>Pseudoryzomys</i>; (<i>Oryzomys</i>); ref. 9.17.		
<i>P. wavrini</i>		Paraguay, N Argentina, Bolivia; marsh
<i>Phyllotis</i>; (<i>Galenomys</i>, <i>Paralomys</i>); leaf-eared mice; S America; ref. 9.47.		
<i>P. amicus</i>		N Peru
<i>P. andium</i>		Peru, Ecuador; forest
<i>P. caprinus</i>		NW Argentina, S Bolivia, E of Andes; scrub
<i>P. darwini</i>		Chile – W Peru
<i>P. definitus</i>		Peru, W of Andes; forest
<i>P. garleppi</i>		Bolivia, S Peru
<i>P. gerbillus</i>		NW Peru; desert
<i>P. haggardi</i>		Ecuador
<i>P. magister</i>		SW Peru; forest

<i>P. micropus</i>		Patagonia
<i>P. osilae</i>		S Peru – N Argentina; montane grassland
<i>P. wolffsohni</i>		W Bolivia, N Chile
<i>Auliscomys</i> ; (<i>Phyllotis</i>); Andes; montane steppe; ref. 9.47.		
<i>A. boliviensis</i>		S Peru – N Chile
<i>A. pictus</i>		Peru, W Bolivia
<i>A. sublimus</i>		NW Argentina – S Peru
<i>Irenomys</i>		
<i>I. tarsalis</i>	Chilean rat	S Chile, S Argentina
<i>Chinchillula</i>		
<i>C. sahamae</i>	Chinchilla mouse	NW Argentina – Peru
<i>Punomys</i>		
<i>P. lemminus</i>	Puna mouse	Peru; high montane steppe
<i>Neotomys</i>		
<i>N. ebriosus</i>	Andean swamp rat	Peru – NW Argentina; montane
<i>Reithrodon</i>		
<i>R. physodes</i> (<i>typicus</i>)	Pampas gerbil (Rabbit rat)	Uruguay – Tierra del Fuego; grassland
<i>Euneomys</i> ; (<i>Chelemyscus</i>); Patagonian chinchilla-mice; Argentina, Chile; scrub, forest.		
<i>E. chinchilloides</i> (<i>petersoni</i>)		S Patagonia, Tierra del Fuego
<i>E. fossor</i>		NW Argentina
<i>E. mordax</i>		W Argentina
<i>Holochilus</i> ; marsh rats; S America; marshes.		
<i>H. brasiliensis</i>		S America except Patagonia
<i>H. magnus</i>		SE Brazil – NE Argentina
<i>Sigmodon</i> ; cotton rats; S USA – Guyana; grassland, scrub; ref. 9.50.		
<i>S. allenii</i> (<i>planifrons</i>) (<i>vulcani</i>)	Brown cotton rat	W, S Mexico
<i>S. alstoni</i>		Venezuela – Surinam
<i>S. arizonae</i>	Arizona cotton rat	Arizona, NW Mexico; ref. 9.49

<i>S. fulviventer</i>	Tawny-bellied cotton rat	SW Mexico – New Mexico
<i>S. hispidus</i>	Hispid cotton rat	S USA – Peru
<i>S. leucotis</i> (<i>alticola</i>)	White-eared cotton rat	C Mexico; montane
<i>S. mascotensis</i>		SW Mexico; ref. 9.49
<i>S. ochrognathus</i>	Yellow-nosed cotton rat	NC Mexico
<i>Andinomys</i>		
<i>A. edax</i>	Andean mouse	Bolivia, NW Argentina
<i>Neotomodon</i>		
<i>N. alstoni</i>	Volcano mouse	C Mexico; montane
<i>Neotoma</i> ; woodrats; N, C America; desert – forest, especially rocky.		
<i>N. albigula</i> (<i>latifrons</i>)	White-throated woodrat	SW USA, C Mexico
<i>N. alleni</i>	Allen's woodrat	W, S Mexico; scrub
<i>N. angustipalata</i>	Tamaulipan woodrat	NE Mexico
<i>N. anthonyi</i>	Anthony's woodrat	Todos Santos I, Baja California
<i>N. bryanti</i>	Bryant's woodrat	Cerro I, Baja California
<i>N. bunkeri</i>	Bunker's woodrat	Coronados I, Baja California
<i>N. chrysomelas</i>	Nicaraguan woodrat	Nicaragua, Honduras
<i>N. cinerea</i>	Bushy-tailed woodrat	S Yukon – Arizona
<i>N. floridana</i>	Eastern woodrat	SE USA; forest
<i>N. fuscipes</i>	Dusky-footed woodrat	Oregon – N Baja California
<i>N. goldmani</i>	Goldman's woodrat	NC Mexico
<i>N. lepida</i>	Desert woodrat	SW USA, Baja California; desert
<i>N. martinensis</i>	San Martin woodrat	San Martin I, Baja California
<i>N. mexicana</i>	Mexican woodrat	Colorado – Honduras
<i>N. micropus</i>	Southern plains woodrat	NE Mexico, W Texas, New Mexico etc.
<i>N. montezumae</i>	Montezuma's woodrat	Hidalgo, C Mexico
<i>N. nelsoni</i>	Nelson's woodrat	Veracruz, EC Mexico
<i>N. palatina</i>	Bolaños woodrat	Jalisco, W Mexico
<i>N. phenax</i>	Sonoran woodrat	NW Mexico; dry forest
<i>N. stephensi</i>	Stephen's woodrat	Arizona, W New Mexico
<i>N. varia</i>	Turner Island woodrat	Turner I, Gulf of California

Nelsonia

N. neotomodon Diminutive woodrat WC Mexico; rocky forest

Xenomys

X. nelsoni Magdalena rat Jalisco, W Mexico;
forest

Ichthyomys; fish-eating rats; NW South America; streams, swamps.

I. hydrobates Ecuador, Colombia
I. pittieri Venezuela; ref. 9.51
I. stolzmanni Ecuador, Peru

Anatomys

A. leander Ecuador fish-eating rat Ecuador; montane
streams

Daptomys

D. oyapocka French Guiana;
ref. 9.52

D. peruviensis Peruvian fish-eating rat EC Peru; streams in
lowland forest;
ref. 9.53

D. venezuelae Venezuelan fish-eating
rat N Venezuela

Rheomys; water mice; C America; streams in forest.

R. hartmanni Hartmann's water mouse Costa Rica,
W Panama

R. mexicanus Mexican water mouse Oaxaca, Mexico

R. raptor Goldman's water mouse E Panama

R. thomasi Thomas' water mouse El Salvador, Chiapas

R. trichotis Colombia

R. underwoodi Underwood's water mouse Costa Rica,
W Panama

Neusticomys

N. monticolus Fish-eating mouse Ecuador; montane

Subfamily Cricetinae

Hamsters etc.; c. 15 species; Europe, N Asia; grasslands, steppe; seed-eaters.

Calomyscus

C. bailwardi Mouse-like hamster SW Turkestan –
Baluchistan

Phodopus

P. roborovskii Desert hamster Mongolia – Shensi

P. sungorus Striped hairy-footed
hamster E Kazakhstan –
Manchuria

Cricetus

<i>C. cricetus</i>	Common hamster	W Europe – Altai; grassland
<i>Cricetulus</i>; (<i>Allocricetulus</i>, <i>Tscherskia</i>); dwarf hamsters; SE Europe – China.		
<i>C. alticola</i>	Ladak hamster	Ladak, Kashmir
<i>C. barabensis</i>	Striped hamster	S Siberia, Mongolia, Manchuria
<i>C. curtatus</i>	Mongolian hamster	Mongolia
<i>C. eversmanni</i>	Eversmann's hamster	N Kazakhstan
<i>C. kamensis</i>	Tibetan hamster	Tibetan plateau
<i>C. longicaudatus</i>	Lesser long-tailed hamster	NW China, Mongolia etc.
<i>C. migratorius</i>	Grey hamster	SE Europe – Sinkiang
<i>C. triton</i>	Greater long-tailed hamster	NE China, Korea, Ussuri

Mesocricetus

<i>M. auratus</i>	Golden hamster	Asia Minor etc.
<i>M. newtoni</i>	Rumanian hamster	E Rumania, Bulgaria
<i>M. raddei</i>	Ciscaucasian hamster	Steppes N of Caucasus

Subfamily Spalacinae

Blind mole-rats; c. 3 species; E Mediterranean – S Russia; grassland, cultivation; subterranean; vegetarian.

Spalax

<i>S. giganteus</i>		N of Caspian Sea
<i>S. leucodon</i>		SE Europe – Caucasus – Libya
<i>S. microphthalmus</i>		SE Europe, S Russia

Subfamily Myospalacinae

Zokors (eastern Asiatic mole-rats); c. 4 species; Altai – China; grassland, steppe.

Myospalax

<i>M. fontanieri</i>	Common Chinese zokor	Szechuan – Hopei
<i>M. myospalax</i>	Siberian zokor	Altai – Manchuria, Shantung
<i>M. rothschildi</i>	Rothschild's zokor	Kansu, Hupeh
<i>M. smithi</i>	Smith's zokor	Kansu

Subfamily Lophiomyinae***Lophiomy*s**

<i>L. imhausi</i>	Crested rat	E Africa; montane forest
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Subfamily Platacanthomyinae

Spiny dormice; 2 species; SE Asia; forest.

Platacanthomys

<i>P. lasiurus</i>	Malabar spiny dormouse	S India; forest, rocks
<i>T. cinereus</i>	Chinese pygmy dormouse	SE China, N Indochina; montane forest

Subfamily Nesomyinae

Madagascan rats, etc.; c. 11 species; Madagascar, (S Africa); forest, grassland.

Macrotarsomys

<i>M. bastardi</i>	W Madagascar
<i>M. ingens</i>	NW Madagascar; forest

Nesomys

<i>N. rufus</i>	Madagascar
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Brachytarsomys

<i>B. albicauda</i>	E Madagascar; forest
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Eliurus

<i>E. minor</i>	E Madagascar; forest
<i>E. myoxinus</i>	Madagascar; forest

Gymnuromys

<i>G. roberti</i>	E Madagascar
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Hypogeomys

<i>H. antimena</i>	W Madagascar; sandy coastal forest
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Brachyuromys

<i>B. betsiloensis</i>	Madagascar
<i>B. ramirohitra</i>	E Madagascar

Mystromys

<i>M. albicaudatus</i>	White-tailed rat	S Africa
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Subfamily Otomyinae

African swamp rats; c. 12 species; Africa S of Sahara; grassland, swamps.

Otomys; (Myotomys).

<i>O. anchietae</i>	Angola, S Tanzania
<i>O. angoniensis</i>	S Africa – Angola – Kenya

<i>O. denti</i>	NE Zambia – Uganda; montane
<i>O. irroratus</i>	S Africa – Rhodesia
<i>O. laminatus</i>	S Africa
<i>O. saundersae</i>	Cape Province etc.
<i>O. sloggetti</i>	S Africa; montane
<i>O. tropicalis</i>	Cameroun – Kenya
<i>O. typus</i>	Zambia – Ethiopia; montane
<i>O. unisulcatus</i>	Cape Province
Parotomys; Karroo rats.	
<i>P. brantsi</i>	Cape Province etc.
<i>P. littledalei</i>	Cape Province, Namibia

Subfamily Rhizomyinae

East African mole-rats, bamboo rats; c. 6 species; E Africa, SE Asia; montane forest, grassland; subterranean vegetarians.

Tachyoryctes

<i>T. macrocephalus</i>	Giant mole-rat	Ethiopia; montane grassland
<i>T. splendens</i>	East African mole-rat	E Africa; montane

Rhizomys; bamboo rats; SE Asia.

<i>R. pruinosus</i>	Assam, S China – Malaya
<i>R. sinensis</i>	S China, N Burma
<i>R. sumatrensis</i>	Indochina – Malaya, Sumatra

Cannomys

<i>C. badius</i>	Lesser bamboo rat	Nepal – Thailand
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Subfamily Microtinae

Voles, lemmings; c. 110 species; N America, N Eurasia; tundra, grassland, scrub, open forest; herbivores.

Dicrostonyx; collared lemmings; tundra.

<i>D. hudsonius</i>	Labrador collared lemming	Labrador
<i>D. torquatus</i>	Arctic lemming (Collared lemming)	Siberia, Arctic America, Greenland

Synaptomys; bog lemmings; N America.

<i>S. borealis</i>	Northern bog lemming	Canada, Alaska
<i>S. cooperi</i>	Southern bog lemming	NE USA, SE Canada

Myopus

<i>M. schisticolor</i>	Wood lemming	Scandinavia, Siberia; taiga
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Lemmus; brown lemmings; tundra.

<i>L. amurensis</i>	Amur lemming	Verkhoyansk Mts – Upper Amur
<i>L. lemmus</i>	Norway lemming	Scandinavia
<i>L. nigripes</i>	Black-footed lemming	Pribilof Is
<i>L. sibiricus</i> (<i>trimucronatus</i>)	Siberian lemming (Brown lemming)	White Sea – NE Siberia – Baffin I

Clethrionomys; (*Evotomys*); red-backed voles, bank voles; forest, scrub, tundra.

<i>C. andersoni</i>	Japanese red-backed vole	Honshu, Japan
<i>C. gapperi</i>	Gapper's red-backed vole	Canada (except NW), N USA, Rocky Mts, Appalachians; forest
<i>C. glareolus</i>	Bank vole	Europe – Altai; dec. forest
<i>C. occidentalis</i>	Western red-backed vole	Washington – N California
<i>C. rex</i>		Hokkaido
<i>C. rufocanus</i>	Grey red-backed vole	Scandinavia, Siberia, Hokkaido; tundra, montane
<i>C. rutilus</i>	Northern red-backed vole	N Eurasia, Arctic America; tundra, taiga

Eothomomys; (*Aschizomys*); oriental voles; E Asia.

<i>E. chinensis</i>		S China; montane
<i>E. custos</i>		S China; montane
<i>E. eva</i>		W China; montane
<i>E. inez</i>		C China
<i>E. lemminus</i>		NE Siberia; tundra
<i>E. melanogaster</i>	Père David's vole	S China, Taiwan
<i>E. olitor</i>		Yunnan, S China; montane
<i>E. proditor</i>		S China; montane
<i>E. regulus</i>		Korea, E Manchuria
<i>E. shanseius</i>		Shansi, China
<i>E. smithi</i>		Japan, except Hokkaido

Alticola; mountain voles; C Asia.

<i>A. macrotis</i>	Large-eared vole	Altai, Sayan Mts
<i>A. roylei</i>	Royle's mountain vole	W Himalayas – Altai; montane
<i>A. stoliczkanus</i>	Stoliczka's mountain vole	Himalayas – Altai
<i>A. strelzowi</i>	Flat-headed vole	Altai, E Kazakhstan

Hyperacrius

<i>H. fertilis</i>	True's vole	Kashmir, N Punjab
<i>H. wynnei</i>	Murree vole	N Pakistan; montane forest

Dinaromys; (Dolomys).

<i>D. bogdanovi</i>	Martino's snow vole	Yugoslavia; montane
<i>Arvicola</i> ; water voles; N Eurasia, N America; freshwater banks, grassland.		
<i>A. richardsoni</i>	American water vole	NW USA, SW Canada; montane
<i>A. sapidus</i>	Southwestern water vole	Iberia, SW France
<i>A. terrestris</i> (<i>amphibius</i>)	European water vole	Europe – E Siberia

Ondatra

<i>O. zibethicus</i>	Muskrat	N America, [N Eurasia]; freshwater banks
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Neofiber

<i>N. alleni</i>	Round-tailed muskrat (Florida water rat)	Florida; freshwater banks, marshes
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Phenacomys

<i>P. albipes</i>	White-footed vole	W Oregon, NW California; coastal forest
<i>P. intermedius</i>	Heather vole	Canada, W USA; forest, tundra
<i>P. longicaudus</i>	Red tree vole	Oregon, NW California
<i>P. silvicola</i>	Dusky tree vole	W Oregon

Pitymys; (*Blanfordimys*, *Microtus*, *Neodon*); pine voles; N America, Eurasia;
doubtfully distinct from *Microtus*.

<i>P. afghanus</i>	Afghan vole	Afghanistan, S Turkistan; montane
<i>P. bavaricus</i>	Bavarian pine vole	S Germany; montane
<i>P. duodecimcostatus</i>	Mediterranean pine vole	S, E Iberia – SE France
<i>P. juldaschi</i>	Juniper vole	Tien Shan, Pamirs; montane
<i>P. leucurus</i>	Blyth's vole	Tibetan Plateau, Himalayas
<i>P. liechtensteini</i>	Liechtenstein's pine vole	NW Yugoslavia
<i>P. lusitanicus</i>	Lusitanian pine vole	NW Iberia, SW France
<i>P. majori</i>	Major's pine vole	Caucasus, Asia Minor
<i>P. multiplex</i>	Alpine pine vole	European Alps
<i>P. pinetorum</i>	American pine vole	E USA; forest
<i>P. quasister</i>	Jalapan pine vole	EC Mexico
<i>P. savii</i> (<i>gerbiti</i>)	Savi's pine vole	S Europe
<i>P. schelkovnikovi</i>	Schelkovnikov's pine vole	Elburz, Talysh Mts, S of Caspian Sea

<i>P. sikimensis</i>	Sikkim vole	Himalayas – W China; montane
<i>P. subterraneus</i>	European pine vole	France – C Russia
<i>P. taticus</i>	Tatra pine vole	Tatra Mts; montane
<i>P. thomasi</i>	Thomas' pine vole	S Balkans
 <i>Microtus</i> ; grass voles, meadow voles; N America, N Eurasia, (N Africa); grass- land, open forest, tundra.		
<i>M. abbreviatus</i>	Insular vole	St Matthew I, Hall I, Bering Sea; vicariant of <i>M. gregalis</i>
<i>M. agrestis</i>	Field vole	Europe – R Lena, E Siberia
<i>M. arvalis</i>	Common vole	Europe – R Yenesei; grassland
<i>M. bedfordi</i>	Duke of Bedford's vole	Kansu, China
<i>M. brandti</i>	Brandt's vole	Mongolia, Transbaikalia
<i>M. cabrerae</i>	Cabrera's vole	Iberia
<i>M. californianus</i>	California vole	California
<i>M. chrotorrhinus</i>	Rock vole	E Canada, NE USA
<i>M. clarkei</i>	Clarke's vole	Yunnan, N Burma; high montane
<i>M. coronarius</i>	Coronation Island vole	Coronation I etc., Alaska
<i>M. fortis</i>	Reed vole	China, SE Siberia
<i>M. fulviventer</i>	Oaxacan vole	Oaxaca, Mexico; montane
<i>M. gregalis</i>	Narrow-headed vole	Siberia, C Asia
<i>M. guatemalensis</i>	Guatemalan vole	Guatemala; montane
<i>M. gud</i>		NE Asia Minor, Caucasus
<i>M. guentheri</i>	Gunther's vole	SE Europe – Israel, Libya; ref. 9.54
<i>M. irani</i>	Persian vole	Iran, etc.; ref. 9.54
<i>M. kikuchii</i>	Taiwan vole	Taiwan; montane
<i>M. kirgisorum</i> (<i>ilaeus</i>)	Tien Shan vole	Tien Shan Mts; ref. 9.95
<i>M. longicaudus</i>	Long-tailed vole	SW USA – Alaska
<i>M. ludovicianus</i>	Louisiana vole	Louisiana, E Texas; vicariant of <i>M. ochrogaster</i>
<i>M. mandarinus</i>	Mandarin vole	C China – SE Siberia
<i>M. maximowiczi</i> (<i>ungurensis</i>)		Upper Amur, E Siberia
<i>M. mexicanus</i>	Mexican vole	Mexico, S USA; montane

<i>M. middendorffii</i> (<i>hyperboreus</i>)	Middendorff's vole	N Siberia; tundra
<i>M. millicens</i>	Szechwan vole	Szechwan, China
<i>M. miurus</i>	Singing vole	Alaska, Yukon
<i>M. mongolicus</i>	Mongolian vole	NE Mongolia etc.
<i>M. montanus</i>	Montane vole	W USA; montane
<i>M. montebelli</i>	Japanese grass vole	Japan
<i>M. mujanensis</i>		Vitim Basin, E Siberia; ref. 9.97
<i>M. nivalis</i>	Snow vole	SW Europe – Iran; montane
<i>M. ochrogaster</i>	Prairie vole	C USA
<i>M. oeconomus</i>	Root vole	N Eurasia, Alaska etc.; tundra, taiga
<i>M. oregoni</i>	Creeping vole	W coast USA
<i>M. pennsylvanicus</i> (<i>breweri</i>)	Meadow vole	Canada, N USA
<i>M. roberti</i>	Robert's vole	NE Asia Minor, W Caucasus; forest
<i>M. sachalinensis</i>	Sakhalin vole	Sakhalin I
<i>M. socialis</i>	Social vole	Kazakhstan – Palestine; ref. 9.54
<i>M. subarvalis</i>		E Europe, Russia (sibling of <i>M. arvalis</i>)
<i>M. townsendi</i>	Townsend's vole	W coast USA, Vancouver I
<i>M. transcaspicus</i>	Transcaspian vole	SW Turkestan; steppe
<i>M. umbrosus</i>	Zempoaltepec vole	Oaxaca, Mexico; montane
<i>M. xanthognathus</i>	Yellow-cheeked vole	NW Canada, Alaska; forest, tundra
<i>Lagurus</i>; steppe lemmings; C Asia, W USA; steppe.		
<i>L. curtatus</i>	Sagebrush vole	W USA; montane steppe
<i>L. lagurus</i>	Steppe lemming	Ukraine – Mongolia, Sinkiang
<i>L. luteus</i>	Yellow steppe lemming	S Mongolia, N Sinkiang, († Kazakhstan)
<i>Prometheomys</i>		
<i>P. schaposchnikowi</i>	Long-clawed mole-vole	Caucasus, NE Asia Minor
<i>Ellobius</i>; mole-voles; C Asia; steppe.		
<i>E. fuscocapillus</i>	Southern mole-vole	SW Turkestan – Baluchistan
<i>E. talpinus</i>	Northern mole-vole	Ukraine – Sinkiang

Subfamily Gerbillinae

Gerbils, jirds; c. 71 species; C, W Asia, Africa; steppe, desert; seed-eaters.

Gerbillus; (*Dipodillus*, *Monodia*); northern pygmy gerbils; N, E Africa, SW Asia; desert, steppe.

<i>G. agag</i> (<i>nigeriae</i>)		C Mali – E Sudan
<i>G. andersoni</i> (<i>eatoni</i>)	Anderson's gerbil	Tunisia – Israel; coastal dunes
<i>G. aureus</i>		NW Libya; coastal plain
<i>G. bottai</i> (<i>harwoodi</i>)		Sudan, Kenya; ref. 9.56
<i>G. campestris</i>	Large North African gerbil	Morocco – Somalia, N of Sahara
<i>G. cheesmani</i>	Cheesman's gerbil	Arabia – Pakistan
<i>G. dasyurus</i>	Wagner's gerbil	Arabia, Syria, Sinai
<i>G. dunni</i>		Ethiopia, Somalia
<i>G. famulus</i>	Black-tufted gerbil	SW Arabia
<i>G. gerbillus</i>		Sahara, S Israel; desert
<i>G. gleadowi</i>	Indian hairy-footed gerbil	Pakistan, NW India
<i>G. henleyi</i>	Pygmy gerbil	Algeria – W Arabia
<i>G. mauritaniae</i>		Mauritania
<i>G. mesopotamiae</i>	Mesopotamian gerbil	Lower Tigris/Euphrates
<i>G. muriculus</i>		Sudan
<i>G. nancillus</i>		Sudan
<i>G. nanus</i>	Baluchistan gerbil	Pakistan – Algeria
<i>G. perpallidus</i>		NW Egypt
<i>G. poecilops</i>	Large Aden gerbil	SW, W Arabia
<i>G. pulvinatus</i>		Ethiopia
<i>G. pusillus</i>		Kenya
<i>G. pyramidum</i>	Greater Egyptian gerbil	Senegal – S Israel; subdesert
<i>G. riggenbachi</i>		NW Sahara; ref. 9.55
<i>G. rosalinda</i>		Sudan
<i>G. watersi</i>		E Sudan, Somalia
<i>Gerbillurus</i> ; (<i>Gerbillus</i>); southern pygmy gerbils; SW Africa; desert, subdesert.		
<i>G. paeba</i>	South African pygmy gerbil	SW Angola – Cape Prov.; desert, subdesert
<i>G. setzeri</i>		Namib Desert; gravel plains
<i>G. tytonis</i>		S Namib, SW Africa; desert
<i>G. vallinus</i>	Tassel-tailed pygmy gerbil	SW Angola – Orange R

Dipodillus; (*Gerbillus*); short-tailed gerbils; N Africa.

<i>D. kaiseri</i>	Egyptian short-tailed gerbil	Egypt, Libya; coastal plains
<i>D. magharebi</i>	Greater short-tailed gerbil	N Morocco
<i>D. simoni</i>	Lesser short-tailed gerbil	Algeria, Tunisia

Microdillus

<i>M. peeli</i>	Somali pygmy gerbil	Somalia; semidesert
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Tatera; rat-like gerbils; Africa, (SW Asia); steppe, savanna.

<i>T. afra</i>	Cape gerbil	SW Cape Province; steppe
<i>T. boehmi</i>	Boehm's gerbil	S Kenya – Zambezi, Angola
<i>T. brandti</i>	Highveld gerbil	S Africa
<i>T. gambiana</i>		Senegal; ref. 9.2
<i>T. inclusa</i>	Gorongoza gerbil	Mozambique, E Tanzania
<i>T. indica</i>	Indian gerbil	W India – Asia Minor, Sri Lanka
<i>T. leucogaster</i>	Bushveld gerbil	S, C Africa; savanna
<i>T. nigricauda</i>	Black-tailed gerbil	E Africa
<i>T. robusta</i>	Fringe-tailed gerbil	Guinea – Somalia, Tanzania
<i>T. valida</i>	Savanna gerbil	Senegal – Sudan – Angola; savanna

Taterillus; W, C, E Africa; savanna; ref. 9.57.

<i>T. arenarius</i>		Mauritania, Niger, Mali; sahel
<i>T. congicus</i>		Cameroun – Sudan
<i>T. emini</i>		Chad – Kenya
<i>T. gracilis</i>		W Africa; guinea savanna
<i>T. harringtoni</i>		Sudan – NE Tanzania; dry savanna
<i>T. lacustris</i>		L Chad etc.
<i>T. pygargus</i>		Senegal – Mali

Desmodillus

<i>D. auricularis</i>	Cape short-eared gerbil	S Africa
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Desmodilliscus

<i>D. braueri</i>	Pouched gerbil	Sudan – Senegal
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Pachyuromys

<i>P. duprasi</i>	Fat-tailed gerbil	N Sahara
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Ammodillus

<i>A. imbellis</i>	Somali gerbil	Somalia, S Ethiopia
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Sekeetamys; (Meriones).

<i>S. calurus</i>	Bushy-tailed jird	E Egypt, S Israel – C Arabia
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Meriones; jirds, gerbils; Sahara – China; steppe, desert.

M. crassus

Sahara – Afghanistan; desert

<i>M. hurrianae</i>	Indian desert gerbil	NW India – SE Iran
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<i>M. libycus</i> (<i>caudatus</i>)	Libyan jird	Sahara – Sinkiang; desert
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<i>M. meridianus</i>	Mid-day gerbil	Russian Turkestan – China
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<i>M. persicus</i>	Persian jird	Asia Minor – Pakistan
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<i>M. rex</i>	King jird	SW Arabia
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<i>M. sacramenti</i>	Buxton's jird	S Israel
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<i>M. shawi</i>	Shaw's jird	Morocco – Egypt
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<i>M. tamariscinus</i>	Tamarisk gerbil	Lower Volga – W Kansu
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<i>M. tristrami</i>	Tristram's jird	Sinai – Asia Minor, NW Iran
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<i>M. unguiculatus</i>	Mongolian gerbil (Clawed jird)	Mongolia, Sinkiang – Manchuria
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<i>M. vinogradovi</i>	Vinogradov's jird	E Asia Minor – N Iran
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<i>M. zarudnyi</i>		NE Iran etc.
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Brachionomys

<i>B. przewalskii</i>	Przewalski's gerbil	Sinkiang – Kansu
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Psammomys

<i>P. obesus</i>	Fat sand rat	Algeria – Arabia
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Rhombomys

<i>R. opimus</i>	Great gerbil	Caspian Sea – Sinkiang, Pakistan
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Subfamily Dendromurinae

African climbing mice etc.; c. 21 species; Africa S of Sahara; forest – grassland.

Delanomys

<i>D. brooksi</i>		SW Uganda etc.; montane swamps
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Dendromus; African climbing mice; Africa S of Sahara; forest – grassland.	
<i>D. lovati</i>	Ethiopia; montane
<i>D. kahuziensis</i>	E Zaire; montane; ref. 9.59
<i>D. melanotis</i>	S Africa – Ethiopia – Guinea; savanna
<i>D. mesomelas</i>	S Africa – Ethiopia – Cameroun
<i>D. mystacalis</i>	S Africa – Ethiopia – Nigeria
<i>D. nyikae</i>	E Transvaal – Malawi – Angola
Dendroprionomyss	
<i>D. rousseloti</i>	Congo Republic; forest
Deomys	
<i>D. ferrugineus</i>	Congo forest mouse
	Zaire, Cameroun – Uganda; rain forest
Leimacomys	
<i>L. buettneri</i>	Togo; forest
Malacothrix	
<i>M. typica</i>	Gerbil-mouse
	S Africa – S Angola
Megadendromus	
<i>M. nikolausi</i>	E Ethiopia; montane; ref. 9.60
Petromyscus; rock mice; SW Africa; rocky steppe.	
<i>P. collinus</i>	SW Cape Province – S Angola
<i>P. monticularis</i>	SW Africa
Steatomys; fat mice; Africa south of Sahara; savanna; ref. 9.58.	
<i>S. caurinus</i>	Senegal – Nigeria
<i>S. cuppedius</i>	Senegal – Niger
<i>S. jacksoni</i>	Ghana
<i>S. krebsi</i>	S Africa – Angola, Zambia
<i>S. parvus</i>	Senegal – Somalia – SW Africa; dry savanna
<i>S. pratensis</i> (caurinus)	Senegal – Sudan – Natal; savanna, dry forest
Prionomys	
<i>P. batesi</i>	Cameroun, Cent. African Rep.

Subfamily Cricetomyinae

African pouched rats; c. 6 species; Africa S of Sahara; savanna, forest.

***Beamys*; long-tailed pouched rats.**

<i>B. hindei</i>	S Kenya
<i>B. major</i>	Malawi

***Saccostomus*; short-tailed pouched rats; savanna; ref. 9.61.**

<i>S. campestris</i>	S Africa – Zambia
<i>S. mearnsi</i>	Tanzania – Ethiopia
	etc.

***Cricetomys*; giant pouched rats.**

<i>C. emini</i>	Sierra Leone – L Tanganyika; rain forest
<i>C. gambianus</i>	Senegal – Sudan – S Africa; savanna

Subfamily Murinae

Old-world mice and rats; c. 383 species; Eurasia, Africa, Australasia; forest (grassland); mainly seed-eaters.

***Hapalomys*; marmoset-rats; SE Asia; forest; ref. 9.62.**

<i>H. delacouri</i>	Indochina, Hainan
<i>H. longicaudatus</i>	S Burma, Malaya

Vernaya

<i>V. fulva</i>	Verney's climbing mouse	S China, N Burma; montane forest
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Tokudaia

<i>T. osimensis</i>	Ryukyu spiny rat	Ryukyu Is; forest; (*)
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***Vandeleuria*; ref. 9.93**

<i>V. nolthenii</i>	Sri Lanka; montane	
<i>V. oleracea</i>	India – Indochina, Sri Lanka; forest	

Micromys

<i>M. minutus</i>	Harvest mouse	N Eurasia; grassland
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***Apodemus*; (*Sylvaemus*); wood mice (long-tailed field mice); Palaearctic; forest, (grassland).**

<i>A. agrarius</i>	Striped field mouse	C Europe – China
<i>A. argenteus</i>	Small Japanese field mouse	Japan

<i>A. draco</i>		S China etc.
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<i>A. flavigollis</i>	Yellow-necked mouse	Europe, Asia Minor
<i>A. gurka</i>	Himalayan field mouse	Nepal; montane forest
<i>A. krkensis</i>	Krk mouse	Krk I, Yugoslavia
<i>A. latronum</i>		SW China, N Burma
<i>A. microps</i>	Pygmy field mouse	E Europe, Asia Minor; grassland, scrub
<i>A. mystacinus</i>	Broad-toothed mouse	SE Europe, Asia Minor etc., scrub, rocks
<i>A. peninsulae</i>	Korean field mouse	Manchuria, Korea etc., Hokkaido
<i>A. semotus</i>	Formosan field mouse	Taiwan
<i>A. speciosus</i>	Large Japanese field mouse	Japan
<i>A. sylvaticus</i>	Wood mouse	Europe – Altai, Himalayas; N Africa
<i>Thamnomys</i>		
<i>T. cometes</i>		Kenya – Rhodesia
<i>T. dolichurus</i>		Senegal – Sudan – S Africa; savanna, dry forest
<i>T. rutilans</i>		W Africa – Uganda, N Angola
<i>T. venustus</i>		E Zaire etc.; montane forest
<i>Carpomys</i>; Luzon rats; Philippines; montane forest.		
<i>C. melanurus</i>		Luzon, Philippines
<i>C. phaeurus</i>		Luzon, Philippines
<i>Mindanaomys</i>		
<i>M. salomonseni</i>	Mindanao rat	Mindanao, Philippines; montane forest
<i>Batomys</i>; Luzon forest rats; montane forest.		
<i>B. dentatus</i>		Luzon, Philippines
<i>B. granti</i>		Luzon, Philippines
<i>Pithecheir</i>		
<i>P. melanurus</i>	Malayan tree rat (Monkey-footed rat)	Malaya, Sumatra, Java; montane forest
<i>Hyomys</i>		
<i>H. goliath</i>	Rough-tailed giant rat	New Guinea

Conilurus

<i>C. albipes</i>	White-footed tree rat	E, S Australia; possibly extinct
<i>C. penicillatus</i>	Brush-tailed tree rat	N, NW Australia; savanna

Zyzomys; (Laomys); Australian rock rats; N, C Australia; rocky outcrops in desert to savanna.

<i>Z. argurus</i>	Common Australian rock rat	W, N Australia; rocks
<i>Z. pedunculatus</i>	Macdonnell Range rock rat	C Australia; *
<i>Z. woodwardi</i>	Woodward's rock rat	NW, N Australia; rocks

Mesembriomys

<i>M. gouldi</i>	Black-footed tree rat	N Australia; savanna
<i>M. macrurus</i>	Golden-backed tree rat	NW, N Australia; savanna

Oenomys

<i>O. hypoxanthus</i>	Rufous-nosed rat	Sierra Leone – N Angola, E Africa; forest
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Mylomys

<i>M. dybowskyi</i>		Ivory Coast – Kenya, Zaire; savanna
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Dasymys

<i>D. incomtus</i>	African marsh rat	Senegal – Ethiopia – S Africa; marshes, river banks
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Arvicanthis; African grass rats; Africa, Arabia; savanna; taxonomy very provisional; (ref. 9.1).

<i>A. abyssinicus</i>		W Africa – Ethiopia – Zambia
<i>A. blicki</i>		Ethiopia; high montane; ref. 9.63
<i>A. niloticus</i>		Egypt
<i>A. somalicus</i>		Somalia, Ethiopia, Kenya
<i>A. testicularis</i>		W Africa – Ethiopia

Hadromys

<i>H. humei</i>	Manipur bush rat	Assam, India; open montane forest
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Golunda

<i>G. ellioti</i>	Indian bush rat	India etc., Sri Lanka; marsh, cultivation
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Pelomys; (*Desmomys*); groove-toothed swamp rats; Africa.

<i>P. campanae</i>	Zaire, W Angola
<i>P. fallax</i>	Kenya – Botswana
<i>P. harringtoni</i>	C Ethiopia; montane; ref. 9.64
<i>P. hopkinsi</i>	Ruanda, SW Uganda; marshes
<i>P. isseli</i>	Kome & Bussu Is, L Victoria
<i>P. minor</i>	Zaire, Angola, Zambia

Lemniscomys; striped grass rats; Africa; savanna.

<i>L. barbarus</i>	Senegal – Tanzania, NW Africa; dry savanna, steppe
<i>L. bellieri</i>	Ivory Coast; savanna; ref. 9.65
<i>L. griselda</i>	Senegal – Ivory Coast; Kenya – S Africa
<i>L. macculus</i>	Uganda etc.
<i>L. striatus</i>	Sierra Leone – Ethiopia – Malawi – Angola; savanna

Rhabdomys

<i>R. pumilio</i>	Four-striped grass mouse	S Africa – Uganda, Kenya; grassland
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Hybomys

<i>H. trivirgatus</i>	Guinea – Nigeria; forest
<i>H. univittatus</i>	Guinea – Uganda, Zaire; forest

Millardia; Indian soft-furred rats; India, etc.; grassland, cultivation.

<i>M. gleadowi</i>	Sand-coloured rat	Pakistan, NW India
<i>M. kathleenae</i>		Burma
<i>M. meltada</i>	Soft-furred field rat	India, Sri Lanka

Dacnomys

<i>D. millardi</i>	Millard's rat	Assam – Indochina; montane forest
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Eropeplus

<i>E. canus</i>	Celebes soft-furred rat	Celebes
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Stenocephalemys; Ethiopian narrow-headed rats; Ethiopia; high montane.

<i>S. albocaudata</i>	Ethiopia
<i>S. griseicauda</i>	Ethiopia; ref. 9.66

Rattus; (*Apomys, Lenothrix*); Old-world rats; SE Asia, Australia, some worldwide by association with man; mainly forest, scrub, cultivation; taxonomy still very provisional; ref. 9.69 (Celebes), 9.68 (Philippines).

<i>R. abrae</i>		Luzon, Philippines
<i>R. adspersus</i>		Celebes
<i>R. adustus</i>		Philippines
<i>R. andersoni</i>		SW China; ref. 9.100
<i>R. andrewsi</i>		Celebes
<i>R. annandalei</i>	Annandale's rat	S Thailand, Malaya, Sumatra
<i>R. arcuatus</i>		Celebes
<i>R. argentiventer</i>	Ricefield rat	Indochina – Java, Borneo, Philippines, [Celebes, New Guinea]; cultivation, scrub
<i>R. bagopus</i>		Mindanao, Philippines
<i>R. baluensis</i>	Summit rat	Mt Kinabalu, Borneo; montane forest
<i>R. beccarii</i>		Celebes
<i>R. berdmorei</i>	Small white-toothed rat (Grey rat)	S Burma, Thailand, Indochina
<i>R. blanfordi</i>		India, Sri Lanka
<i>R. bontanus</i>		Celebes
<i>R. bowersi</i>	Bower's rat	NW India – S China – Malaya; forest
<i>R. brahma</i>		NE India, N Burma; montane forest; ref. 9.70
<i>R. bukit</i> (<i>huang</i>)	Malayan white-bellied rat	S China – Java; forest
<i>R. bunae</i>		N New Guinea; ref. 9.67
<i>R. callitrichus</i>		Celebes
<i>R. canus</i>	Grey tree rat	Malaya, Sumatra, Java, Borneo; forest
<i>R. celebensis</i>		Celebes
<i>R. chrysocomus</i>		Celebes
<i>R. colletti</i>		N Australia
<i>R. confucianus</i>	Chinese white-belled rat	S Manchuria – N Indochina
<i>R. coxingi</i>		Shensi – N Burma, Taiwan
<i>R. cremoriventer</i>	Dark-tailed tree rat	Malaya – Java, Borneo; lowland forest
<i>R. culionensis</i>		Culion, Philippines

<i>R. cutchicus</i>	Cutch rat	India
<i>R. dammertmanni</i>		Celebes
<i>R. datae</i>		Philippines
<i>R. dominator</i>		Celebes
<i>R. edwardsi</i>	Edwards' rat	Sikkim – S China – Sumatra
<i>R. eha</i>		Nepal – SW China; montane
<i>R. elephasinus</i>		Celebes
<i>R. elvira</i>		SE India
<i>R. everetti</i>		Philippines
<i>R. excelsior</i>		SW China; ref. 9.100
<i>R. exulans</i> (<i>bocourti</i>)	Polynesian rat	Burma – New Guinea; Pacific islands; commensal
<i>R. facetus</i>		Celebes
<i>R. foramineus</i>		Celebes
<i>R. fratrorum</i>		Celebes
<i>R. fulvescens</i>	Chestnut rat	Himalayas
<i>R. fuscipes</i>	Southern bush rat	E, S, SW Australia; coastal
<i>R. gala</i>		Mindoro, Philippines
<i>R. gestroi</i>		C New Guinea; ref. 9.67
<i>R. hamatus</i>		Celebes
<i>R. hinpoon</i>		Thailand
<i>R. hoffmanni</i> (<i>tatei</i>)		Celebes
<i>R. hoogerwerfi</i>		Sumatra
<i>R. hylocoetes</i>		Philippines
<i>R. infraluteus</i>	Mountain giant rat	Borneo, Sumatra, Java
<i>R. insignis</i>		Philippines
<i>R. koratensis</i> (<i>sladeni</i>)	Sladen's rat	Nepal – Indochina; forest
<i>R. langbianis</i>		NE India – Thailand, Indochina; vicariant of <i>R. cremoriventer</i>
<i>R. latidens</i>		Luzon, Philippines
<i>R. legatus</i>		Ryukyu Is
<i>R. leucopus</i>	Mottle-tailed rat	S New Guinea, N Queensland; lowland forest
<i>R. littoralis</i>		Mindanao, Philippines
<i>R. losea</i> (<i>exiguus</i>)	Lesser ricefield rat	SE China – Malaya, Taiwan; cultivation

<i>R. lutreolus</i>	Australian swamp rat	E, SE Australia, Tasmania
<i>R. luzonicus</i>	Kenneth's white-toothed rat	Luzon, Philippines
<i>R. mackenziei</i>		Assam – Thailand
<i>R. macleari</i>		Christmas I, Indian Oc.
<i>R. manipulus</i>	Manipur rat	Assam – Burma
<i>R. marmosurus</i>		Celebes
<i>R. montanus</i>		Sri Lanka; montane
<i>R. morataiensis</i>		Moluccas
<i>R. muelleri</i>	Müller's rat	Malaya, Sumatra, Borneo, Palawan
<i>R. musculus</i>		Luzon, Philippines
<i>R. nativitatis</i>		Christmas I, Indian Ocean
<i>R. neilli</i>	Neill's rat	S Thailand
<i>R. niobe</i>	Moss-forest rat	New Guinea; montane
<i>R. nitidus</i>	Himalayan rat	Himalayas – Indochina, Philippines, [Celebes, New Guinea]; commensal
<i>R. niviventer</i>	White-bellied rat	Himalayas
<i>R. norvegicus</i>	Brown rat (Common rat) (Norway rat)	[Worldwide], original range probably SE Asia; commensal
<i>R. ohiensis</i>	Ohiya rat	Sri Lanka; montane
<i>R. omichlodes</i>		W New Guinea; ref. 9.96
<i>R. palmarum</i>		Nicobar Is
<i>R. penitus</i>		Celebes
<i>R. petraeus</i>		Mindanao, Philippines
<i>R. punicans</i>		Celebes
<i>R. rabori</i>		Mindanao, Philippines
<i>R. rapit</i>	Long-tailed mountain rat	Thailand – Sumatra, Borneo
<i>R. rattoides</i> (<i>turkestanicus</i>)	Turkestan rat	Russian Turkestan – China
<i>R. rattus</i>	House rat (Black rat) (Ship rat)	SE Asia, [worldwide in tropics and warm temperate zones]; commensal
<i>R. rennelli</i>		Solomon Is
<i>R. richardsoni</i>	Richardson's rat	W New Guinea; montane
<i>R. rogersi</i>		S Andaman I
<i>R. ruber</i>	Variable spiny rat	Moluccas, New Guinea, Solomon Is

<i>R. sabanus</i>	Long-tailed giant rat (Noisy rat)	S China – Java, Borneo, Celebes; lowland forest
<i>R. sakeratensis</i>		Thailand
<i>R. salocco</i>		Celebes
<i>R. sordidus</i>	Australian dusky field rat	N, NE Australia, New Guinea
<i>R. taeræ</i>		Celebes
<i>R. tiomanicus</i> (<i>jalorensis</i>)	Malaysian field rat	Malaya – Borneo; cultivation, secondary forest
<i>R. tunneyi</i>	Tunney's rat	W, N, NE, C Australia; savanna, coastal sands
<i>R. tyrannus</i>		Philippines
<i>R. verecundus</i>	Slender rat	New Guinea
<i>R. villosissimus</i>	Long-haired rat	E Australia
<i>R. xanthurus</i>		Celebes
<i>Maxomys</i>; (<i>Rattus</i>); oriental spiny rats; SE Asia; ref. 9.101.		
<i>M. alticola</i>	Mountain spiny rat	N Borneo; montane forest
<i>M. baeodon</i>	Small spiny rat	N Borneo
<i>M. bartelsi</i>		Java
<i>M. dollmani</i>		Celebes
<i>M. hellwaldi</i>		Celebes
<i>M. hylomyoides</i>		Sumatra
<i>M. inas</i>	Malayan mountain spiny rat	Malaya; montane forest
<i>M. inflatus</i>		Sumatra
<i>M. moi</i>		Indochina
<i>M. musschenbroekii</i>		Celebes
<i>M. ochraceiventer</i>	Chestnut-bellied spiny rat	Borneo; submontane forest
<i>M. pagensis</i>		Mentawai Is
<i>M. panglima</i>		Palawan etc.
<i>M. rajah</i>	Brown spiny rat (Rajah rat)	Malaya – Java, Borneo; lowland forest
<i>M. surifer</i>	Red spiny rat	Indochina – Java, Borneo; lowland forest
<i>M. whiteheadi</i>	Whitehead's rat	Malaya, Sumatra, Borneo; forest
<i>Aethomys</i>; (<i>Rattus</i>); Africa S of Sahara; savanna.		
<i>A. bocagei</i>		Angola, Zaire
<i>A. chrysophilus</i>	Red veld rat	SW Africa – Natal – Kenya

<i>A. granti</i>	Karoo, S Africa
<i>A. hindei</i>	N Nigeria – NE Tanzania
<i>A. kaiseri</i>	E Zaire – Kenya – Malawi – Angola
<i>A. namaquensis</i>	S Africa – S Zambia
<i>A. nyikae</i> (<i>dollmani</i>)	NE Zambia, Malawi, E Rhodesia
<i>A. selindensis</i>	Mt Chirinda, Rhodesia
<i>A. thomasi</i>	W C Angola

Thallomys; (Aethomys, Rattus).*T. paedulcus* Acacia ratS Africa – Somalia;
savanna, dry forest***Praomys; (Hylomyscus, Mastomys, Myomyscus, Myomys); African soft-furred rats;***
Africa (Arabia); mainly forest.

<i>P. albipes</i>	Ethiopia etc; forest, cultivation
<i>P. alleni</i>	W Africa; forest
<i>P. angolensis</i>	Angola, Zaire
<i>P. baeri</i>	Ivory Coast; forest
<i>P. carillus</i> (<i>aeta</i>)	C Africa; forest
<i>P. daltoni</i>	Senegal – Nigeria; savanna
<i>P. delectorum</i>	Kenya – Malawi; montane forest
<i>P. denniae</i>	C, E Africa; montane forest
<i>P. derooi</i>	Ghana – W Nigeria; savanna; ref. 9.71
<i>P. erythroleucus</i>	Morocco, Senegal – Sudan; steppe, savanna, cultivation
<i>P. fumatus</i>	E Africa, SW Arabia; steppe
<i>P. fumosus</i>	C Africa; forest
<i>P. hartwigi</i>	Cameroun; montane forest
<i>P. huberti</i>	W Africa; guinea savanna; ref. 9.72
<i>P. jacksoni</i>	C Africa; forest
<i>P. morio</i>	W, C Africa; forest

<i>P. natalensis</i> (<i>coucha</i>)	Multimammate rat	W, E, S Africa; steppe, savanna, cultivation, commensal; an aggregate of at least two sibling species
<i>P. parvus</i>		Gabon, Zaire; forest
<i>P. pernanus</i>		S Kenya, N Tanzania, Ruanda
<i>P. shortridgei</i>		Namibia, Botswana
<i>P. stella</i>		W, C, E Africa
<i>P. tullbergi</i>		Senegal – Ghana; forest
<i>P. verreauxi</i>		Cape Province
<i>Limnomys</i>		
<i>L. sibuanus</i> (<i>mearnsi</i>)		Mindanao, Philippines; montane; ref. 9.73
<i>Stochomys</i>; (<i>Dephomys</i>, <i>Rattus</i>).		
<i>S. defua</i>		Guinea – Ghana; forest
<i>S. longicaudatus</i>		Zaire – Nigeria; rain forest
<i>Tarsomys</i>		
<i>T. apoensis</i>		Mindanao, Philippines
<i>Tryphomys</i>; (<i>Rattus</i>).		
<i>T. adustus</i>	Mearn's Luzon rat	Luzon, Philippines; montane
<i>Leporillus</i>		
<i>L. apicalis</i>	White-tipped stick-nest rat	C Australia; dry forest, scrub; possibly extinct
<i>L. conditor</i>	Stick-nest rat	Franklin I, S Australia (extinct mainland)
<i>Leggadina</i>; (<i>Pseudomys</i>); ref. 9.74.		
<i>L. forresti</i>	Forrest's mouse	W, C Australia; arid zones
<i>L. lakedownensis</i>		E Queensland
<i>Pseudomys</i>; (<i>Gyomys</i>, <i>Thetamys</i>); Australian mice; Australia; forest – desert.		
<i>P. albocinereus</i>	Ashy-grey mouse	SW, S, E Australia; scrub
<i>P. australis</i>	Eastern mouse	E, S Australia
<i>P. delicatulus</i>	Little native mouse	NE, N, NW Australia; steppe
<i>P. desertor</i>	Brown desert mouse	W, C Australia

<i>P. fieldi</i>	Alice Springs mouse	Alice Springs, C Australia
<i>P. fumeus</i>	Smokey mouse	Victoria; forest; *
<i>P. gouldi</i>	Gould's mouse	SW, S Australia
<i>P. gracilicaudatus</i>	Eastern chestnut mouse	C, S Queensland, New South Wales
<i>P. hermannsburgensis</i>	Pebble mound mouse	Australia; dry grassland, steppe
<i>P. higginsi</i>	Tasmanian mouse	Tasmania; forest
<i>P. nanus</i>	Western chestnut mouse	W, N Australia; rocky hills
<i>P. novaehollandiae</i>	New Holland mouse	E New South Wales, Victoria
<i>P. occidentalis</i>	Western mouse	SW Australia; scrub
<i>P. oralis</i>	Hastings River mouse	NE New South Wales, SE Queensland
<i>P. praecoris</i>	Shark Bay mouse	Shark Bay, W Australia; coastal dunes; *
<i>P. shortridgei</i>	Shortridge's native mouse	Victoria, ?SW Australia; swamp, scrub; *
<i>Melomys</i>; (<i>Uromys</i>); mosaic-tailed rats; New Guinea, NE Australia; mainly montane forest.		
<i>M. aerosus</i>		Ceram; montane
<i>M. albidens</i>	White-toothed melomys	W New Guinea; montane
<i>M. arcium</i>	Rossel Island melomys	Rossel I, E of New Guinea
<i>M. cervinipes</i>	Fawn-footed melomys	E, NE Australia; forest
<i>M. fellowsi</i>	Red-bellied melomys	NE New Guinea; montane
<i>M. fraterculus</i>		Ceram; montane
<i>M. fulgens</i>		Ceram, Talaud Is
<i>M. leucogaster</i>	White-bellied melomys	New Guinea
<i>M. levipes</i>	Long-nosed melomys	New Guinea
<i>M. littoralis</i>	Grassland melomys	NE Queensland, N Australia; grassland
<i>M. lorentzi</i>	Long-footed melomys	New Guinea
<i>M. lutillus</i>	Little melomys	SE New Guinea, N Queensland
<i>M. monktoni</i>	Southern melomys	New Guinea
<i>M. obiensis</i>		Obi I, Halmahera
<i>M. platyops</i>	Lowland melomys	New Guinea
<i>M. porculus</i>		Guadalcanal, Solomon Is
<i>M. rubex</i>	Highland melomys	New Guinea

<i>M. rubicola</i>	Bramble Cay melomys	Bramble Cay (I), E New Guinea
<i>M. rufescens</i>	Rufescent melomys	New Guinea – Solomon Is
<i>Pogonomelomys</i>; (<i>Melomys</i>); New Guinea; forest; arboreal.		
<i>P. bruijni</i>	Lowland brush mouse	W, S New Guinea; lowland
<i>P. mayeri</i>	Shaw Mayer's brush mouse	W New Guinea; montane
<i>P. ruemmleri</i>	Rümmler's brush mouse	W New Guinea; montane
<i>P. sevia</i>	Highland brush mouse	NE New Guinea; montane
<i>Solomys</i>; (<i>Melomys</i>); naked-tailed rats; Solomon Islands; forest.		
<i>S. ponceleti</i>		Bougainville I, Solomons
<i>S. salebrosus</i>		Bougainville I, Solomons
<i>S. sapientis</i>		Santa Ysabel I, Solomons
<i>Uromys</i>; giant naked-tailed rats; New Guinea, Solomon Islands, NE Australia; forest; arboreal.		
<i>U. anak</i>	Black-tailed tree rat	C, NE New Guinea; montane
<i>U. caudimaculatus</i>	Giant white-tailed rat	New Guinea, NE Queensland
<i>U. imperator</i>		Guadalcanal I, Solomons
<i>U. neobritannicus</i>		New Britain
<i>U. rex</i>		Guadalcanal I, Solomons
<i>U. salamonis</i>		Florida I, Solomons
<i>Xenuromys</i>		
<i>X. barbatus</i>	Mimic tree rat	New Guinea; ref. 9.75
<i>Malacomys</i>; African swamp rats; W, C Africa; forest, swamp; ref. 9.76.		
<i>M. edwardsi</i>		Sierra Leone – Nigeria
<i>M. longipes</i> (<i>cansdalei</i>)		E Liberia – Uganda – NW Zambia
<i>M. verschureni</i>		E Zaire
<i>Haeromys</i>; pygmy tree mice; Borneo, Celebes; forest.		
<i>H. margaretae</i>	Ranee mouse	Borneo
<i>H. minahassae</i>		N Celebes
<i>H. pusillus</i>	Lesser ranee mouse	Borneo

Chiromyscus

<i>C. chiropus</i>	Fea's tree rat	Indochina, E Burma; forest
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Diomys

<i>D. crumpi</i>	Crump's mouse	NE India
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Zelotomys

<i>Z. hildegardeae</i>		Angola – Malawi – Uganda – C Af. Rep.
<i>Z. woosnami</i>		NW Botswana, EC Namibia

Muriculus

<i>M. imberbis</i>		Ethiopia; montane
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Mus; (*Coelomys*, *Gatimiya*, *Leggada*, *Leggadilla*, *Mycteromys*); SE Asia, Africa,
[worldwide]; forest, grassland; ref. 9.77 (Asia).

<i>M. booduga</i>		C, S India
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<i>M. bufo</i>		E Zaire
<i>M. callewaerti</i>		S Zaire, Angola
<i>M. caroli</i>	Ryukyu mouse	Ryukyu Is, Taiwan, Indochina – Sumatra, Java; cultivation

<i>M. cervicolor</i>	Fawn-coloured mouse	Nepal – Indochina, Sumatra, Java; cultivation, forest
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<i>M. cooki</i>	Cook's mouse	Assam – Indochina
<i>M. crocidurooides</i>		Sumatra; montane forest
<i>M. dunni</i>		India
<i>M. famulus</i>		S India; montane forest

<i>M. fernandoni</i>		Sri Lanka
<i>M. fulvidiventris</i>		Sri Lanka; perhaps race of <i>M. booduga</i>

<i>M. goundae</i>		N Cent. African Rep.
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<i>M. gratus</i>		W Uganda
<i>M. haussa</i>		Senegal – Niger; steppe
<i>M. indutus</i>		S Africa, Botswana
<i>M. lepidoides</i>		Burma; perhaps race of <i>M. booduga</i>

<i>M. mattheyi</i>		Senegal – Ghana; savanna
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<i>M. mayori</i>		Sri Lanka
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<i>M. minutoides</i>		Africa S of Sahara; probably an aggregate of sibling species
<i>M. musculus</i>	House mouse	[Worldwide]; indoor and outdoor commensal – outdoor forms scarce in range of other <i>Mus</i> spp.
<i>M. neavei</i>		NE Rhodesia
<i>M. oubanguii</i>		Cent. African Rep.; savanna
<i>M. pahari</i>	Gairdner's shrew-mouse	Sikkim – Indochina
<i>M. pasha</i>		NE Zaire
<i>M. phillipsi</i>		India
<i>M. platythrrix</i>		India
<i>M. saxicola</i>		India, Pakistan, Nepal
<i>M. setulosus</i>		Guinea – Gabon; Ethiopia
<i>M. setzeri</i>		Botswana, Zambia; ref. 9.78
<i>M. shortridgei</i>	Shortridge's mouse	Burma – Indochina
<i>M. sorella</i>		Uganda, Kenya
<i>M. spretus</i>		SW Europe, NW Africa; ref. 9.79
<i>M. tenellus</i>		E Africa
<i>M. terricolor</i>		Nepal – Pakistan
<i>M. triton</i>		E Zaire – Kenya
<i>M. vulcani</i>		Java; montane forest
 <i>Colomys</i> ; (<i>Nilopegamys</i>). <i>C. goslingi</i>		
		Angola – Cameroun – Ethiopia; wet forest
 <i>Nesoromys</i>		
<i>N. ceramicus</i>	Ceram rat	Ceram, Indonesia; montane forest
 <i>Crunomys</i>		
<i>C. fallax</i>		Luzon, Philippines
<i>C. melanius</i>		Mindanao, Philippines
 <i>Macruromys</i>		
<i>M. elegans</i>	Western small-toothed rat	W New Guinea; montane
<i>M. major</i>	Eastern small-toothed rat	NE New Guinea; montane

Lorentzimys

<i>L. nouhuysi</i>	New Guinea jumping mouse	New Guinea; forest
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Lophuromys; brush-furred rats; W, C, E Africa; forest etc.; ref. 9.80.

<i>L. cinereus</i>	E Zaire; montane
<i>L. flavopunctatus</i>	C, E Africa, Ethiopia

L. luteogaster

NE Zaire; forest

L. medicaudatus

C Africa; montane

*L. melanonyx*Ethiopia; high
montane*L. nudicaudus*Cameroun etc.;
forest-edge*L. rahmi*C Africa; montane
forest*L. sikapusi*W, C Africa; forest,
savanna*L. woosnami*C Africa; montane
forest*Notomys*; Australian hopping mice; Australia; desert, steppe, (dry forest); *.

<i>N. alexis</i>	Spinifex hopping mouse	C Australia; desert, dry grassland
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*N. amplus*Short-tailed hopping
mouse

C Australia

N. aquilo
(*carpentarius*)

Northern hopping mouse

N Queensland

*N. cervinus*Fawn-coloured hopping
mouse

C Australia; desert

N. fuscus

Dusky hopping mouse

C Australia; desert,
steppe*N. longicaudatus*Long-tailed hopping
mouse

SW, C Australia

N. macrotis
(*megalotis*)

Big-eared hopping mouse

SW Australia;
? extinct; ref. 9.81*N. mitchelli*

Mitchell's hopping mouse

SE, S, SW Australia;
dry forest – grassland*Mastacomys**M. fuscus*

Broad-toothed rat

SE Australia, Tasmania;
wet forest, marsh*Echiothrix**E. leucura*Celebes spiny rat
(Celebes shrew-rat)

Celebes

*Melasmotherrix**M. naso*

Lesser shrew-rat

Celebes

Tateomys

T. rhinogradoides Tate's rat Celebes; ref. 9.82

Acomys; African spiny mice; Africa, SW Asia; desert – savanna.

<i>A. cahirinus</i> (<i>cineraceus</i>) (<i>dimidiatus</i>)	Cairo spiny mouse	circum-Sahara, Ethiopia, Kenya, Israel – Pakistan, Crete; perhaps an aggregate of sibling species
<i>A. cilicicus</i>		Asia Minor; ref. 9.83
<i>A. russatus</i>	Golden spiny mouse	NE Egypt – Jordan, E Arabia
<i>A. spinosissimus</i>		Mozambique – Botswana
<i>A. subspinosus</i>		Transvaal – Somalia, Sudan

Uranomys

U. ruddi Senegal – Kenya –
Mozambique; savanna

Bandicota; (*Gunomys*); bandicoot-rats; SE Asia; scrub, cultivation, partly commensal.

<i>B. bengalensis</i>	Lesser bandicoot-rat	India – Burma, Sumatra, Java, Sri Lanka
<i>B. indica</i>	Greater bandicoot-rat	India – S China – Java, Sri Lanka, Taiwan
<i>B. savilei</i>		Burma – Indochina

Nesokia

N. indica Short-tailed bandicoot-
rat Egypt – NW India,
Sinkiang; steppe,
cultivation

Anisomys

A. imitator New Guinea giant rat New Guinea;
montane forest

Lenomys; Celebes giant rats; Celebes.

L. longicaudus Celebes
L. meyeri Celebes

Pogonomys; prehensile-tailed rats; New Guinea etc.; forest; arboreal.

<i>P. fergussoniensis</i>	Fergusson Island tree mouse	W Fergusson I, E New Guinea
<i>P. forbesi</i>	Greater tree mouse	E New Guinea etc.
<i>P. kagi</i>	Tate's tree mouse	SE New Guinea

<i>P. lamia</i>	Broad-skulled tree mouse	SE New Guinea
<i>P. macrourus</i>	Long-tailed tree mouse	New Guinea etc.
<i>P. mollipilosus</i>	Soft-haired tree mouse	New Guinea
<i>P. shawmayeri</i>	Shaw Mayer's tree mouse	W Fergusson I, E New Guinea
<i>P. sylvestris</i>	Grey-bellied tree mouse	New Guinea; montane
<i>P. vates</i>	Lesser tree mouse	SE New Guinea
<i>Chiropodomys</i>; pencil-tailed tree mice; SE Asia; forest; ref. 9.93.		
<i>C. calamianensis</i>		Palawan etc., Philippines
<i>C. gliroides</i> (<i>pusillus</i>)		NE India - Java, Borneo
<i>C. karlkcoopmani</i>		N Pagai I, Mentawai Is
<i>C. major</i>		Borneo
<i>C. muroides</i>		Borneo
<i>Mallomys</i>		
<i>M. rothschildi</i>	Smooth-tailed giant rat	New Guinea; montane
<i>Papagomys</i>		
<i>P. armandvillei</i>	Flores giant rat	Flores (Lesser Sunda Is)
<i>Phloeomys</i>; slender-tailed cloud rats; Luzon, Philippines; forest.		
<i>P. cumingi</i>		Luzon, Philippines
<i>P. pallidus</i>		Luzon, Philippines
<i>Crateromys</i>		
<i>C. schadenbergi</i>	Bushy-tailed cloud rat	Luzon, Philippines; montane forest
Subfamily Hydromyinae		
Island water rats; c. 17 species; Philippines, New Guinea, Australia; forest, rivers, marshes.		
<i>Chrotomys</i>		
<i>C. whiteheadi</i>	Luzon striped rat	Luzon, Philippines; montane
<i>Celaenomys</i>		
<i>C. silaceus</i>	Luzon shrew-rat	Luzon, Philippines; montane forest
<i>Crossomys</i>		
<i>C. moncktoni</i>	Earless water rat	E New Guinea; streams
<i>Xeromys</i>		
<i>X. myoides</i>	False swamp rat	N, NE Australia; swamps; *

Hydromys; (*Baiyankamys*); beaver-rats; Australia, New Guinea etc.; rivers; predators.

<i>H. chrysogaster</i>	Beaver-rat (Australian water rat)	Australia, Tasmania, New Guinea
<i>H. habbema</i>	Mountain water rat	W New Guinea
<i>H. neobritannicus</i>		New Britain

Parahydromys

<i>P. asper</i>	Coarse-haired hydromyine	New Guinea; montane forest
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Neohydromys

<i>N. fuscus</i>	Short-tailed shrew-mouse	NE New Guinea; high montane
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Leptomys

<i>L. elegans</i>	Long-footed hydromyine	New Guinea
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Paraleptomys; New Guinea; montane forest.

<i>P. rufilatus</i>	Red-sided hydromyine	N New Guinea
<i>P. wilhelmina</i>	Short-footed hydromyine	W New Guinea

Pseudohydromys; New Guinea; high montane forest.

<i>P. murinus</i>	Eastern shrew-mouse	NE New Guinea
<i>P. occidentalis</i>	Western shrew-mouse	W New Guinea

Microhydromys

<i>M. richardsoni</i>	Groove-toothed shrew-mouse	W New Guinea
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Mayeromys

<i>M. ellermani</i>	One-toothed shrew-mouse	NE New Guinea; montane forest
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Rhynchosomys

<i>R. soricoides</i>	Long-snouted shrew-rat	Luzon, Philippines; montane forest
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Family Gliridae (Muscardinidae)

Dormice; c. 14 species; Palaearctic, Africa; mainly forest, eating seeds and buds.

Glis

<i>G. glis</i>	Fat dormouse (Edible dormouse)	Europe, Asia Minor; forest
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Muscardinus

<i>M. avellanarius</i>	Hazel dormouse	Europe, Asia Minor
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Eliomys

<i>E. quercinus</i> (<i>melanurus</i>)	Garden dormouse	Europe, N Africa, Asia Minor – N Arabia; forest, scrub
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Dryomys

<i>D. laniger</i>	Woolly dormouse	SW Asia Minor
<i>D. nitedula</i>	Forest dormouse	E Europe – Sinkiang

Glirurus

<i>G. japonicus</i>	Japanese dormouse	Japan, except Hokkaido
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***Myomimus*; mouse-tailed dormice.**

<i>M. personatus</i>		N Iran etc.
<i>M. roachi</i>		Bulgaria etc., ?† Asia Minor etc.

***Graphiurus*; (*Claviglis*); African dormice; Africa S of Sahara; forest, savanna; ref. 9.84.**

<i>G. crassicaudatus</i>		Liberia – Cameroun
<i>G. hueti</i>		Guinea – Angola
<i>G. murinus</i>		Africa S of Sahara
<i>G. ocularis</i>		SW Africa
<i>G. parvus</i>		Sierra Leone – Somalia – Rhodesia
<i>G. platyops</i>		Zambia, S Zaire – Namibia

Family Seleviniidae

One species.

Selevinia

<i>S. betpakdalensis</i>	Desert dormouse	SE Kazakhstan; desert
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Family Zapodidae

Jumping mice; c. 10 species; N Eurasia, N America; forest, grassland.

Sicista; birch mice; N Eurasia; forest, grassland.

<i>S. betulina</i>	Northern birch mouse	N, C Europe – E Siberia; forest
<i>S. concolor</i> (<i>caucasica</i>)	Chinese birch mouse	N Caucasus; Altai, Kashmir, W China; montane
<i>S. napaea</i>	Altai birch mouse	N Altai Mts
<i>S. pseudonapaea</i>		S Altai Mts
<i>S. subtilis</i>	Southern birch mouse	E Europe – L Baikal; grassland

Zapus; American jumping mice; N America; wet grassland, forest-edge.

<i>Z. hudsonius</i>	Meadow jumping mouse	Canada, N, C USA
<i>Z. princeps</i>	Western jumping mouse	W North America
<i>Z. trinotatus</i>	Pacific jumping mouse	W Coast USA

Eozapus

<i>E. setchuanus</i>	Szechuan jumping mouse	W, SW China; montane forest
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Napaeozapus

<i>N. insignis</i>	Woodland jumping mouse	SE Canada, NE USA; forest
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Family Dipodidae

Jerboas; c. 27 species; C Asia – NW Africa; desert, steppe.

Dipus

<i>D. sagitta</i>	Northern three-toed jerboa	S European Russia – N Iran – China
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Paradipus

<i>P. ctenodactylus</i>	Comb-toed jerboa	SW Turkestan
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Jaculus

<i>J. blanfordi</i>	Blanford's jerboa	E, S Iran, W Pakistan
<i>J. jaculus</i> (<i>deserti</i>)	Lesser Egyptian jerboa	Sahara, Arabia; desert
<i>J. lichtensteini</i>	Lichtenstein's jerboa	Caspian Sea – L Balkhash
<i>J. orientalis</i>	Greater Egyptian jerboa	Morocco – Israel; semidesert
<i>J. turcmenicus</i>	Turkmen jerboa	Turkmenistan etc.

Stylopodipus

<i>S. telum</i>	Thick-tailed three-toed jerboa	Ukraine – Mongolia
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Allactaga

<i>A. bobrinskii</i>	Bobrinski's jerboa	Kizil-kum, Kara-kum Deserts, Turkestan
<i>A. bullata</i>		S, W Mongolia etc.
<i>A. elater</i>	Small five-toed jerboa	E Asia Minor – Baluchistan; dry steppe
<i>A. euphratica</i> (<i>williamsi</i>)	Euphrates jerboa	Jordan – Afghanistan; dry steppe
<i>A. firozzi</i>		Isfahan, Iran; ref. 9.86
<i>A. hotsoni</i>	Hotson's jerboa	Persian Baluchistan
<i>A. major</i>	Great jerboa	Ukraine – Tien Shan
<i>A. severtzovi</i>	Severtzov's jerboa	Turkestan
<i>A. sibirica</i>	Mongolian five-toed jerboa	R Ural – Manchuria; steppe
<i>A. tetradactyla</i>	Four-toed jerboa	Libya, Egypt; coastal gravel plains

Alactagulus

<i>A. pumilio</i> (<i>pygmaeus</i>)	R	Don – Inner Mongolia, N Iran
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***Pygeretmus*; fat-tailed jerboas.**

<i>P. platyurus</i>	Lesser fat-tailed jerboa	Kazakhstan
<i>P. shitkovi</i>	Greater fat-tailed jerboa	E Kazakhstan

Cardiocranius

<i>C. paradoxus</i>	Five-toed pygmy jerboa	Mongolia etc.
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***Salpingotus*; three-toed pygmy jerboas; Mongolia – Baluchistan.**

<i>S. crassicauda</i>	Thick-tailed pygmy jerboa	S Mongolia, E Turkestan; desert
<i>S. heptneri</i>	Heptner's pygmy jerboa	Uzbekistan, S of Aral Sea
<i>S. kozlovi</i>	Koslov's pygmy jerboa	S Mongolia; desert
<i>S. michaelis</i>	Baluchistan pygmy jerboa	NW Baluchistan

Euchoreutes

<i>E. naso</i>	Long-eared jerboa	W Sinkiang – Inner Mongolia; desert
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Family Hystricidae

Old-world porcupines; c. 12 species; Africa, S Asia; forest, savanna, steppe; ground vegetarians; ref. 9.87.

***Thecurus*; Indonesian porcupines; SE Asia; forest.**

<i>T. crassispinus</i>	N Borneo
<i>T. pumilis</i>	Palawan, Philippines
<i>T. sumatrae</i>	N Sumatra

***Hystrix*; (*Acanthion*); crested porcupines; Africa, S Asia, (S Europe); forest, savanna.**

<i>H. africanaustralis</i>	S, SE Africa; savanna
<i>H. brachyura</i>	Malaya, Sumatra, Borneo; forest
<i>H. cristata</i>	W, E, N Africa, (S Europe); savanna etc.
<i>H. hodgsoni</i> (<i>subcristatum</i>) (<i>klossi</i>)	Nepal – E China – Indochina; forest
<i>H. indica</i>	SW Asia – India, Sri Lanka; steppe, scrub
<i>H. javanicum</i>	Java, Celebes; forest

Atherurus; brush-tailed porcupines; Africa, SE Asia; forest.

<i>A. africanus</i>	African brush-tailed porcupine	W, C, E Africa
<i>A. macrourus</i>	Asiatic brush-tailed porcupine	Assam – Malaya

Trichys

<i>T. fasciculata</i> (<i>lipura</i>)	Long-tailed porcupine	Malaya, Sumatra, Borneo; forest; ref. 9.88
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Family Erithizontidae

New-world porcupines; c. 9 species; N, C, S America; forest.

Eriithizon

<i>E. dorsatum</i>	North American porcupine	Alaska – N Mexico; forest
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Coendou; (*Sphiggurus*); tree porcupines; Mexico – Bolivia; forest.

<i>C. bicolor</i> (<i>rothschildi</i>)		Bolivia – Panama
<i>C. insidiosus</i>		E, C Brazil
<i>C. mexicanus</i>	Mexican porcupine	S Mexico – W Panama
<i>C. prehensilis</i>		Bolivia, Brazil – Venezuela
<i>C. spinosus</i>		E Brazil – N Argentina
<i>C. vestitus</i> (<i>pruinosus</i>)		Venezuela, Colombia

Echinoprocta

<i>E. rufescens</i>	Upper Amazonian porcupine	Colombia; forest
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Chaetomys

<i>C. subspinosus</i>	Thin-spined porcupine	E, N Brazil; scrub; *
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Family Caviidae

Guinea pigs etc.; c. 15 species; S America.

Cavia; guinea pigs, cavies; Colombia – N Argentina.

<i>C. aperea</i> (<i>pamparum</i>)		N Argentina – E Brazil; ref. 9.22
<i>C. fulgida</i>		E Brazil
<i>C. guianae</i>		Surinam – Venezuela
<i>C. nana</i>		W Bolivia
<i>C. porcellus</i>		Colombia – Guyana
<i>C. tschudii</i>		Peru – N Argentina; probable ancestor of domestic Guinea pig, ' <i>C. porcellus</i> '

Kerodon

K. rupestris Rock cavy NE Brazil

Galea

<i>G. flavidens</i>	Brazil
<i>G. mustelooides</i>	Peru – C Argentina
<i>G. spixi</i>	Brazil, E Bolivia
(<i>wellsi</i>)	

Microcavia

<i>M. australis</i>	Argentina
<i>M. niata</i>	Bolivia; montane
<i>M. shiptoni</i>	NE Argentina; montane

***Dolichotis*; (*Pediolagus*); maras (Patagonian cavies).**

<i>D. patagona</i>	Argentina
<i>D. salinicola</i>	NE Argentina, Paraguay, S Bolivia

Family Hydrochoeridae

One species.

Hydrochoerus

<i>H. hydrochaeris</i>	Capybara	E Argentina – Panama
(<i>isthmius</i>)		

Family Dinomyidae

One species.

Dinomys

<i>D. branicki</i>	Pacarana	Colombia – Bolivia; forest
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Family Dasyprotidae

Pacas, agoutis; c. 12 species; Mexico – S Brazil; forest, savanna.

***Cuniculus*; (*Agouti*, *Coelogenys*, *Stictomys*).**

<i>C. paca</i>	S Mexico – Surinam – Paraguay, [Cuba]
<i>C. taczanowskii</i>	Venezuela – Ecuador; montane

***Dasyprocta*; agoutis; C, S America; forest, savanna.**

<i>D. aguti</i>	Brazilian agouti	Venezuela – E Brazil, Lesser Antilles
(<i>albida</i>)		
(<i>noblei</i>)		
<i>D. azarae</i>	C Brazil – N Argentina	
<i>D. cristata</i>	Surinam	

<i>D. fuliginosa</i>	Grey agouti	Colombia, upper Amazon, Surinam
<i>D. guamara</i>		Venezuela; swamp forest; ref. 9.89
<i>D. kalinowskii</i>		Peru
<i>D. mexicana</i>	Mexican agouti	Veracruz, S Mexico, [Cuba]
<i>D. punctata</i> (<i>variegata</i>)		S Mexico – C Argentina, [Cuba]
<i>Myoprocta</i> ; acuchis; Amazon Basin; forest.		
<i>M. acouchy</i>		Amazon Basin
<i>M. pratti</i>		Amazon Basin

Family Chinchillidae

Viscachas, chinchillas; c. 6 species; southern S America.

Lagostomus

<i>L. maximus</i>	Plains viscacha	Argentina; grassland
<i>Lagidium</i> ; mountain viscachas; Peru – Patagonia; montane.		
<i>L. peruanum</i>		Peru
<i>L. viscaccia</i>		Bolivia – N Chile, W Argentina
<i>L. wolffsohni</i>		S Chile, SW Argentina

Chinchilla; chinchillas; *.

<i>C. brevicaudata</i>		Peru – N Argentina
<i>C. laniger</i>		Bolivia, Chile; montane rocks

Family Capromyidae

Hutias etc.; c. 12 species; West Indies, (S America); forest, (freshwater margins).

Capromys; (*Geocapromys*, *Mesocapromys*, *Mysateles*); Cuban hutias; Cuba, Jamaica, etc.

<i>C. arboricolus</i>		Cuba; arboreal; ref. 9.90
<i>C. auritus</i>		Cay Fragoso, N Cuba
<i>C. browni</i>	Brown's hutia	Jamaica, Swan I; *
<i>C. garridoi</i>		Canarreos Arch., Cuba
<i>C. ingrahami</i>	Bahaman hutia	Plana Keys, Bahamas; *
<i>C. melanurus</i>	Bushy-tailed hutia	E Cuba; arboreal; *
<i>C. nanus</i>	Dwarf hutia	Cuba; *
<i>C. pilorides</i>	Desmarest's hutia	Cuba
<i>C. prehensilis</i>	Prehensile-tailed hutia	Cuba; arboreal
<i>C. sanfilipensis</i>		Cay Juan Garcia etc., W Cuba

Plagiodontia

<i>P. aedium</i> (<i>hylaeum</i>)	Hispaniolan hutia	Hispaniola; *
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Myocastor

<i>M. coypus</i>	Coypu (Nutria)	Chile, Argentina – Bolivia, S Brazil; [Europe, N Asia, E Africa]
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Family Octodontidae

Degus etc.; c. 7 species; southern S America; steppe, mainly montane.

***Octodon*; degus; Peru, Chile.**

<i>O. bridgesi</i>	Chile
<i>O. degus</i>	W Peru, Chile
<i>O. lunatus</i>	Chile; coastal hills

Octodontomys

<i>O. gliroides</i>	Mountain degu	Bolivia, N Chile; montane steppe
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Spalacopus

<i>S. cyanus</i> (<i>tabanus</i>)	Coruro	Chile; montane
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Aconaemys

<i>A. fuscus</i> (<i>porteri</i>)	Chilean rock rat	SC Chile, W Argentina; forest; subterranean
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Octomys

<i>O. mimax</i>	Viscacha-rat	W Argentina; montane
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Family Ctenomyidae

Tuco-tucos; c. 32 species; Peru – Patagonia; subterranean; taxonomy very provisional.

Ctenomys

<i>C. australis</i>	E Argentina; coastal
<i>C. azarae</i>	C Argentina
<i>C. boliviensis</i>	Bolivia
<i>C. brasiliensis</i>	E Brazil
<i>C. colburni</i>	SW Argentina
<i>C. conoveri</i>	Paraguay
<i>C. dorsalis</i>	Paraguay
<i>C. emilianus</i>	WC Argentina
<i>C. frater</i>	NW Argentina, S Bolivia
<i>C. fulvus</i> (<i>robustus</i>)	W Argentina, N Chile

<i>C. knighti</i>	W Argentina
<i>C. latro</i>	N Argentina; ref. 9.91
<i>C. leucodon</i>	Bolivia, Peru
<i>C. lewisi</i>	S Bolivia
<i>C. magellanicus</i>	Patagonia, Tierra del Fuego
<i>C. maulinus</i>	Chile
<i>C. mendocinus</i>	Argentina
<i>C. minutus</i>	S Brazil, Uruguay, N Argentina
<i>C. nattereri</i>	C Brazil
<i>C. occultus</i>	N Argentina; ref. 9.91
<i>C. opimus</i>	N Argentina, S Bolivia
<i>C. perrensis</i>	NW Argentina
<i>C. peruanus</i>	S Peru
<i>C. pontifex</i>	W Argentina
<i>C. poroeusi</i>	C, E Argentina
<i>C. saltarius</i>	N Argentina
<i>C. sericeus</i>	SW Argentina
<i>C. steinbachi</i>	E Bolivia
<i>C. talarum</i>	E Argentina
<i>C. torquatus</i>	Uruguay, NE Argentina
<i>C. tuconax</i>	NW Argentina
<i>C. tucumanus</i>	N Argentina; ref. 9.91

Family Abrocomidae

Chinchilla-rats; 2 species; Peru – N Chile; grassland, scrub.

Abrocoma

<i>A. bennetti</i>	Chile
<i>A. cinerea</i>	S Peru – N Chile, NW Argentina

Family Echimyidae

American spiny rats; c. 45 species; C, S America; forest; taxonomy very provisional.

Proechimys; terrestrial spiny rats; C, S America; mainly forest.

<i>P. albispinus</i>	E Brazil
<i>P. canicollis</i>	Colombia – Guyana
<i>P. dimidiatus</i>	SE Brazil
<i>P. goeldii</i>	Amazonian Brazil
<i>P. guyannensis</i>	Bolivia, Brazil – Colombia, Guianas; probably a complex of sibling species

<i>P. hendeei</i>		Peru – S Colombia
<i>P. hoplomyoides</i>		SE Venezuela etc.
<i>P. iheringi</i>		E Brazil
<i>P. longicaudatus</i>		Brazil etc.
<i>P. myosuros</i>		E Brazil
<i>P. quadruplicatus</i>		Ecuador
<i>P. semispinosus</i>	Tomes' spiny rat	Honduras – Peru, Brazil, Venezuela
<i>P. setosus</i>		E Brazil
<i>Hoplomys</i>		
<i>H. gymnurus</i>	Armoured rat	Honduras – Ecuador
<i>Euryzygomatomys</i>		
<i>E. spinosus</i>	Guira	E, SE Brazil – N Argentina
<i>Clyomys</i>		
<i>C. laticeps</i>		E, C Brazil, Paraguay
<i>Carterodon</i>		
<i>C. sulcidens</i>		E Brazil
<i>Cercomys</i>		
<i>C. cunicularis</i>		NE Brazil – Paraguay
<i>Mesomys</i>		
<i>M. didelphoides</i>		? Brazil
<i>M. hispidus</i>		Amazon Basin
<i>M. obscurus</i>		? Brazil
<i>Lonchothrix</i>		
<i>L. emiliae</i>		Brazil S of Amazon
<i>Isothrix</i> ; toros; N, C South America; river banks in forest.		
<i>I. bistriatus</i>		Venezuela, Colombia, W Brazil
<i>I. pictus</i>		E Brazil
<i>I. villosus</i>		Peru
<i>Diplomys</i> ; Panama – Ecuador; forest.		
<i>D. caniceps</i>		Colombia, Ecuador
<i>D. labilis</i>	Gliding spiny rat	Panama
(<i>darlingi</i>)		
<i>D. rufodorsalis</i>		NE Colombia
<i>Echimys</i> ; (<i>Makalata</i>); arboreal spiny rats; S America; forest.		
<i>E. armatus</i>		Ecuador – Guianas, Trinidad
<i>E. blainvilie</i>		SE Brazil

<i>E. brasiliensis</i>	E Brazil
<i>E. chrysurus</i>	NE Brazil, Surinam
<i>E. dasythrix</i>	SE, E Brazil
<i>E. grandis</i>	Amazon Basin
<i>E. macrurus</i>	Brazil S of Amazon
<i>E. nigrispinus</i>	E Brazil
<i>E. saturnus</i>	E Ecuador
<i>E. semivillosus</i>	Venezuela, Colombia
<i>E. unicolor</i>	? Brazil
Dactylomys; (Lachnomys); coro-coros;	NW South America; forest; arboreal.
<i>D. boliviensis</i>	Bolivia, SE Peru
<i>D. dactylinus</i>	Colombia, Ecuador, Amazonian Brazil
<i>D. peruanus</i>	Peru; montane
Kannabateomys	
<i>K. amblonyx</i>	E Brazil – N Argentina
Thrinacodus	
<i>T. albicauda</i>	Colombia
<i>T. edax</i>	W Venezuela

Family Thryonomyidae

Cane rats; c. 2 species; Africa S of Sahara; mainly marshes.

Thryonomys

<i>T. gregorius</i>	Cameroun – S Sudan – Rhodesia
<i>T. swinderianus</i>	Africa S of Sahara

Family Petromyidae

One species.

Petromus

<i>P. typicus</i>	African rock rat	Namibia, S Angola
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Family Bathyergidae

African mole-rats; c. 9 species; Africa S of Sahara; desert, steppe, (forest); subterranean, feeding on roots, tubers etc.

Georychus

<i>G. capensis</i>	Cape mole-rat	S Africa; grassland, cultivation
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Cryptomys

<i>C. hottentotus</i>	S Africa – Zaire, Tanzania
<i>C. mechowi</i>	S Zaire etc.
<i>C. ochraceocinereus</i>	Ochre mole-rat Ghana – N Uganda

Heliosciurus

<i>H. argenteocinereus</i>	Silvery mole-rat	Zaire, Kenya – Zambezi
<i>H. spalax</i>	Thomas' silvery mole-rat	S Kenya

***Bathyergus*; dune mole-rats; S Africa; desert.**

<i>B. janetta</i>	Namaqua dune mole-rat	Namaqualand, S Africa
<i>B. suillus</i>	Cape dune mole-rat	SW Cape Province, South Africa

Heterocephalus

<i>H. glaber</i>	Naked mole-rat	Ethiopia, Somalia, Kenya; steppe
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Family Ctenodactylidae

Gundis; 5 species; Sahara etc.; rocks in steppe and desert; herbivorous.

Ctenodactylus

<i>C. gundi</i>	Morocco – NW Libya
<i>C. vali</i>	S Morocco – Libya

Pectinator

<i>P. spekei</i>	Somalia, Ethiopia; steppe
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Massoutiera

<i>M. mzabi</i>	C Sahara
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Felovia

<i>F. vae</i>	Senegal, Mauritania, Mali
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ORDER LAGOMORPHA

Lagomorphs; c. 54 species; Eurasia, Africa, N, C, (S) America; desert – forest; terrestrial herbivores.

Family Ochotonidae

Pikas; c. 14 species; N, C Asia, W N America; grassland, rocks, mainly montane; herbivores.

Ochotona

<i>O. alpina</i>	Northern pika	Siberia, NE China, Hokkaido, Alaska – New Mexico; montane
(<i>hyperborea</i>)		
(<i>princeps</i>)		
<i>O. curzoniae</i>	Black-lipped pika	Tibetan Plateau
<i>O. daurica</i>	Daurian pika	Altai – NE China
<i>O. erythrotis</i>	Chinese red pika	E Tibet, Chinghai etc.

<i>O. kamensis</i>	Kam pika	Kam, W Szechuan
<i>O. koslowi</i>	Kozlov's pika	N Tibet
<i>O. ladacensis</i>	Ladak pika	S Sinkiang, Kashmir; high montane
<i>O. pallasi</i> (<i>pricei</i>)	Pallas's pika	Altai – Tien Shan; montane
<i>O. pusilla</i>	Steppe pika	Volga – Irtysh; grassland
<i>O. roylei</i> (<i>nepalensis</i>) (<i>macrotis</i>)	Royle's pika (Large-eared pika)	N Burma – Himalayas – Tien Shan; high montane
<i>O. rufescens</i>	Afghan pika	Afghanistan, Iran etc.
<i>O. rutila</i>	Turkestan red pika	Tien Shan – Pamirs; montane
<i>O. thibetana</i>	Moupin pika	W China, Tibet
<i>O. thomasi</i>	Thomas' pika	Chinghai, China

Family Leporidae

Rabbits, hares; c. 40 species; Eurasia, Africa, N, C, (S) America; (desert), steppe, savanna, (forest); terrestrial herbivores.

Pentalagus

<i>P. furnessi</i>	Ryukyu rabbit	Ryukyu Is.; *
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***Pronolagus*; red hares; S, (E) Africa; savanna.**

<i>P. crassicaudatus</i>	Natal red hare	E S Africa
<i>P. randensis</i>	Rand red hare	Rhodesia – SW Africa
<i>P. rupestris</i>	Smith's red hare	S Africa – Kenya

Romerolagus

<i>R. diazi</i>	Volcano rabbit	Mountains SE of Mexico City; *
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Caprolagus

<i>C. hispidus</i>	Hispid hare	Nepal – Assam; *
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***Lepus*; hares, jack rabbits; Eurasia, Africa, N America.**

<i>L. allenii</i>	Antelope jack rabbit	NW Mexico, S California; steppe, desert
<i>L. americanus</i>	Snowshoe hare	Canada, N USA; open forest
<i>L. arcticus</i>	Canadian Arctic hare	Arctic Canada, Greenland; tundra
<i>L. brachyurus</i>	Japanese hare	Japan (except Hokkaido)
<i>L. californicus</i>	Black-tailed jack rabbit	C, SW USA, N Mexico; grassland, steppe
<i>L. callotis</i> (<i>mexicanus</i>)	White-sided jack rabbit	S Mexico – S New Mexico

<i>L. capensis</i> (<i>europaeus</i>) (<i>tolai</i>)	Brown hare (Cape hare)	Africa, W Europe – C China, [SC Canada, NC USA, Argentina, Chile]; open woodland, steppe
<i>L. flavigularis</i>	Tehuantepec jack rabbit	Oaxaca, S Mexico
<i>L. habessinicus</i>	Abyssinian hare	Ethiopia, Somalia; montane
<i>L. mandshuricus</i>	Manchurian hare	Manchuria etc.; forest
<i>L. nigricollis</i>	Indian hare	India etc., Sri Lanka, [Java]
<i>L. oïstolus</i>	Woolly hare	Tibetan Plateau
<i>L. peguensis</i>	Burmese hare	Burma – Indochina, Hainan
<i>L. saxatilis</i>	Scrub hare	S Africa; montane
<i>L. siamensis</i>	Siamese hare	Burma – Indochina
<i>L. sinensis</i>	Chinese hare	S China, Korea, Taiwan
<i>L. timidus</i>	Arctic hare (Mountain hare)	N Eurasia, Alaska; tundra, open forest
<i>L. townsendi</i>	White-tailed jack rabbit	C, W USA; grassland, steppe
<i>L. whytei</i> (<i>crawshayi</i>)	Bush hare	Transvaal – Sudan – Senegal, N Algeria; savanna; name provisional
<i>L. yarkandensis</i>	Yarkand hare	SW Sinkiang; steppe
<i>Poelagus</i>		
<i>P. marjorita</i>	Central African hare	Angola – Sudan; savanna
<i>Sylvilagus</i> ; cottontails, American rabbits; N, C, (S) America.		
<i>S. aquaticus</i>	Swamp rabbit	Texas – Georgia
<i>S. auduboni</i>	Desert cottontail	C, SW USA – C Mexico; desert, steppe
<i>S. bachmani</i>	Brush rabbit	W coast USA, Baja California; scrub
<i>S. brasiliensis</i>	Forest rabbit	NE Mexico – N Argentina; forest, scrub
<i>S. cunicularius</i>	Mexican cottontail	S Mexico
<i>S. floridanus</i>	Eastern cottontail	E, C USA – Costa Rica
<i>S. idahoensis</i>	Pygmy rabbit	Montana, Oregon, Idaho etc.; steppe, scrub
<i>S. insonus</i>	Omilteme cottontail	Guerrero, Mexico; montane

<i>S. nuttalli</i>	Nuttall's cottontail	W USA; scrub, forest
<i>S. palustris</i>	Marsh rabbit	Florida – SE Virginia
<i>S. transitionalis</i>	New England cottontail	Appalachian Mts – S Maine
<i>Oryctolagus</i>		
<i>O. cuniculus</i>	Common rabbit	Iberia, NW Africa, [Europe, Australia, New Zealand, Chile]; grassland, open forest, cultivation; ancestor of domestic rabbits
<i>Nesolagus</i>		
<i>N. netscheri</i>	Sumatran rabbit	Sumatra; montane forest; *

ORDER MACROSCELIDEA

One family, sometimes included in order Insectivora.

Family Macroscelididae

Elephant-shrews; c. 15 species; Africa (except west); subdesert, steppe, savanna, forest; terrestrial; insectivores.

Macroscelides

<i>M. proboscideus</i>	Short-eared elephant-shrew	SW, S Africa; steppe
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Elephantulus; (*Nasilio*); small elephant-shrews; Africa; savanna – subdesert.

<i>E. brachyrhynchus</i>	Short-snouted elephant-shrew	E, S Africa
<i>E. edwardi</i>	Cape elephant-shrew	S Africa
<i>E. fuscipes</i>	Uganda elephant-shrew	Uganda etc.
<i>E. fuscus</i>	Zambesi elephant-shrew	Lower Zambesi
<i>E. intufi</i>	Bushveld elephant-shrew	Namibia etc.
<i>E. myurus</i>	Transvaal elephant-shrew	Rhodesia – Cape Prov.
<i>E. revoili</i>	Somali elephant-shrew	Somalia
<i>E. rufescens</i>	Rufous elephant-shrew	E Africa
<i>E. rozeti</i>	North-African elephant-shrew	NW Africa
<i>E. rupestris</i>	Rock elephant-shrew	SW, S Africa

Petrodromus

<i>P. tetradactylus</i> (<i>sultani</i>) (<i>tordayi</i>)	Four-toed elephant-shrew	E, SE, C Africa; savanna
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<i>Rhynchoyon</i> ; (<i>Rhinonax</i>); forest elephant-shrews; E, C Africa; forest.		
<i>R. cirnei</i>	Chequered elephant-shrew	E, C Africa
(<i>stuhlmanni</i>)		
<i>R. petersi</i>	Black and rufous elephant- shrew	SE Kenya, E Tanzania coast
<i>R. chrysopygus</i>	Yellow-rumped elephant- shrew	Kenya coast

Bibliographies

These bibliographies include all the sources that were used as the principal authorities in compiling the list and in which further details can be found. They also include a number of works that are useful references but have not been used as authorities, including for example older works that provide more detail than those that have been used as the basis for the list.

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region they are given in order of date, beginning with the most recent; in cases of overlap, the more recent source has generally been followed. Unless otherwise stated they are comprehensive in covering all groups of mammals and all species that have been recorded from the region concerned.

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