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#### REVISED CHECKLIST OF NORTH AMERICAN MAMMALS NORTH OF MEXICO, 1982

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Faunal checklists provide a ready reference for many scientific endeavors, both in the laboratory and in the field, and are particularly useful to students. Since publication three years ago (Jones *et al.*, 1979) of a revised checklist of North American mammals, demand for the list has exceeded the supply set aside for general distribution and sale. Furthermore, the recent publication of *The mammals of North America* (Hall, 1981), more or less complete in terms of accounting for pertinent published literature through June of 1977, provided a convenient departure point for preparation of a new list.

We have attempted to include in this version of the checklist all species of Recent mammals (a few of which now may be extinct) in North America and adjacent waters occurring to the north of Mexico as recognized in the published literature through March of 1982. Significant departures from Hall's (1981) treatment are discussed beyond and are primarily of three different kinds: 1) differences in opinion regarding certain contemporary systematic works; 2) Hall's aversion to rulings of the International Commission on Zoological Nomenclature; and 3), of course, published studies postdating the completion of his text. Our list represents a consensus among the five authors but does not necessarily imply complete agreement on all controversial points.

As most readers are aware, various species of mammals not native to North America have been introduced here over the years.

Nine such taxa (identified by an asterisk) are included in the checklist because they currently occur in the wild state in numbers sufficient to justify listing them. Other species, such as the blackbuck (*Antilope cervicapra*), axis deer (*Cervus axis*), sika deer (*Cervus nippon*), ibex (*Capra ibex*), and oryx (*Oryx gazella*), now occur outside confinement and some of these likely will have to be included in subsequent checklists.

#### NOMENCLATORIAL DEPARTURES FROM HALL (1981) AND OTHER NOTES

We have documented below those instances in which usage in this checklist differs significantly from that of Hall (1981) and have referred to the authoritative source(s) in most cases. A few of the same changes also are cited in the addenda to Hall's compendium (pages 1177-1181). Some other pertinent comments that may explain the current list of recognized species of mammals occurring in North America (north of Mexico) are included.

##### *Marsupials*

Some recent authors have accorded the Marsupialia superordinal rank and placed the Didelphidae in one or another of several orders contained in such a grouping. Because there is as yet no clear consensus in the literature as to the probable correct classification, we adopt the conservative course of continuing to recognize Marsupialia at the ordinal level, as did Hall.

##### *Insectivores*

The following information relates to members of the genus *Sorex*: *S. jacksoni* is listed as a distinct species following Junge and Hoffmann (1981); *S. trigonirostris* is a synonym of *S. vagrans* according to Hennings and Hoffmann (1977) and *S. sinuosus* was regarded as a subspecies of *S. ornatus* by Junge and Hoffmann (1981); *S. monticolus* and *S. pacificus* are listed as species distinct from *S. vagrans* (Hennings and Hoffmann, 1977; Junge and Hoffmann, 1981); *S. tundrensis* is considered a specific-level taxon following Youngman (1975) and subsequent authors; *S. arizonae* was described as new by Diersing and Hoffmeister (1977); and *Microsorex* (*S. hoyi*) was reduced from generic to subgeneric rank by Diersing (1980).

Evidence is accumulating that the races *haydeni* (van Zyll de Jong, 1980; Junge and Hoffmann, 1981) and *fontinalis* (Kirkland,

1977; Junge and Hoffmann, 1981) may be distinct at the specific level from *S. cinereus*, but additional data are needed to clarify the status of these populations. Furthermore, *S. alaskanus*, admitted here, may be a synonym of *S. palustris* (Hall, 1981; Junge and Hoffmann, 1981).

In the genus *Blarina*, we recognize *carolinensis* as separate from *brevicauda* on the basis of several recent studies, and we also recognize the species *B. hylophaga* following George *et al.* (1981). *B. telmalestes* was reduced to subspecific rank under *brevicauda* by Handley (1979).

### Bats

Following Smith (1972), we recognize the family Mormoopidae (as opposed to referring these bats to the subfamily Chilonycterinae of the family Phyllostomidae) and, following Opinion 462 of the International Commission on Zoological Nomenclature, employ *Mormoops* rather than *Aello* for ghost-faced bats. *Macrotus californicus* seems to be the correct name for the leaf-nosed bat inhabiting the southwestern United States (Davis and Baker, 1974; Greenbaum and Baker, 1976), and *Leptonycteris sanborni* is retained as the correct name for the species listed by Hall as *L. yerbabuena* (see Watkins *et al.*, 1972). Handley (1980) has explained why Phyllostomidae, not Phyllostomatidae, is the proper spelling of this family-group name.

The specific epithet *Myotis leibii* is used in preference to *M. subulatus* following Glass and Baker (1965) and subsequent authors. On the basis of Opinion 111 of the International Commission, the generic name *Lasiurus* is adopted (rather than *Nyct-eris*) for all lasiurine bats, and, following Williams *et al.* (1970), *Idionycteris* is recognized as a genus distinct from *Plecotus*.

Although it was not adopted here, van Zyll de Jong (1979) has made the suggestion that the subspecies *Myotis keenii keenii* and *M. k. septentrionalis* are distinct at the specific level, and further work might substantiate this contention, and Freeman (1981) employed the generic name *Nyctinomops* for *Tadarida femorosacca* and *T. macrotis*.

### Rodents

*Sciuridae*.—We follow Nadler *et al.* (1977), supported by additional as yet unpublished evidence, in recognizing *Tamias* as the single generic name for all chipmunks (but see Ellis and Maxon, 1979). Additionally, *Spermophilus elegans* is recognized as distinct

from *S. richardsonii* (Koepl and Hoffmann, 1981), *Marmota broweri* is regarded as a species separate from *M. caligata* (Hoffmann *et al.*, 1979), and *Sciurus kaibabensis* was reduced to subspecific status under *S. aberti* by Hoffmeister and Diersing (1978).

*Geomysidae*.—The following remarks apply to the genus *Thomomys*: *T. bottae* is regarded as distinct from *T. umbrinus* on the basis of Hoffmeister's (1969) findings and numerous subsequent publications; Thaeler (1968) is followed in listing *T. townsendii* as distinct from *T. umbrinus*; and the species *idahoensis* and *clusius* were recognized by Thaeler (1972) and Thaeler and Hinesley (1979), respectively.

In *Geomys*, we follow Tucker and Schmidly (1981) in arranging *G. attwateri* as distinct from *G. bursarius*, and Williams and Genoways (1980) in regarding the nominal species *colonus*, *fontanelus*, and *cumberlandius* as junior synonyms of *G. pinetis*, with *fontanelus* as the only one recognized at the subspecific level.

*Heteromyidae*.—In this group, we follow Schmidly and Hendricks (1976) and Baumgardner and Schmidly (1981) in listing *Dipodomys compactus* as a separate species and Patton *et al.* (1976) in recognizing *D. californicus* as distinct from *D. heermanni*.

*Cricetidae*.—In the list of cricetines, we have included *Oryzomys couesi* (Benson and Gehlbach, 1979) and *O. argentatus*, recently described by Spitzer and Lazell (1978). *Peromyscus melanotis* also has been added because Bowers (1974) recorded populations from Arizona, and the generic name of the Florida mouse is changed to *Podomys* following Carleton (1980). *Peromyscus comanche* was recognized as a distinct species by Johnson and Packard (1974), a work seemingly overlooked by some subsequent workers.

*Onychomys arenicola* was shown to be a distinctive third species in that genus by Hinesley (1979), and *Neotoma devia* was recognized as separate from *N. lepida* by Mascarello (1978).

Among the microtines, *Arborimus* is recognized as distinct at the generic level (Johnson, 1973). We have not followed some recent authors (Martin, 1974, and Chaline and Mein, 1979, for example) in regarding *Pitymys* (including *Microtus ochrogaster* and *M. pinetorum*) as separable at the generic level from *Microtus* or in recognizing *Pitymys* as distinct in a more restrictive sense (van der Meulen, 1978), nor have we followed others (Hooper and Hart, 1962, and Jannett and Jannett, 1974, for example) in recognizing *Arvicola* as a separate genus; both these matters are deserving of further analysis.

We have followed Hall in listing only three species of *Dicrostonyx*. The systematics of this genus are complex and not yet fully understood, and some sources (Rausch, 1977, for example) have recognized more than three species in North America. Finally, we retain the familial name Cricetidae, in preference to including all these mice and rats in Muridae, although this matter has not been resolved finally in the literature.

### *Carnivores*

Hall submerged *Vulpes macrotis* under *V. velox* because of alleged hybridization at some places where the two meet geographically, but we regard them as distinct species (see Rohwer and Kilgore, 1973; Thornton and Creel, 1975; Waithman and Roest, 1977). Van Gelder (1978) listed all canids treated here as species of the genus *Canis*, but this arrangement has not as yet gained wide acceptance. In the Ursidae, we recognize a single species of grizzly or brown bear, *Ursus arctos*, as opposed to the lengthy list of taxa included by Hall.

The pinnipeds represent a biphyletic assemblage of arctoid carnivores (Tedford, 1976) and are here listed as families (three) of the Carnivora, the Odobenidae recognized following Repenning and Tedford (1977). *Arctocephalus townsendi* is a species separate from *A. philippii* according to Repenning et al. (1971). We follow Opinion 467 of the International Commission on Zoological Nomenclature in listing *Odobenus* as the correct generic name for the walrus.

In the Mustelidae, we follow Kurtén and Rausch (1959) and most recent authors in regarding the wolverines of the Holarctic as a single species, *Gulo gulo*. Furthermore, Mead (1968) has demonstrated that *Spilogale putorius* and *S. gracilis* are geographically and reproductively isolated and deserving of recognition as separate species. In the family Phocidae, Shaughnessy and Fay (1977) have shown that *Phoca largha* represents a distinct species, and Burns and Fay (1970) regarded *Histiophoca*, *Pusa*, and *Pagophilus* as subgenera of *Phoca* (Hall recognized them as genera).

We tentatively use the generic name *Felis* for all North American felids. There is, however, some evidence for use of *Panthera*, at least for *F. onca*, and there is still disagreement in the literature as to whether *Lynx* should be accorded generic rank and whether in that group *canadensis* should be regarded as a species distinct from the Old World *lynx* (see especially Werdelin, 1981).

### Whales

The two great groups of living whales are here listed as separate orders in accord with much of the recent cetological literature. The following comments apply to taxa recorded in the checklist: *Eschrichtius robustus* is given as the appropriate name for the gray whale (see Rice and Wolman, 1971); the specific name *nesarnack* is not employed in *Tursiops* following Hershkovitz (1966) and Rice (1977), and *T. gillii* is regarded as a synonym of *T. truncatus* (Mitchell, 1975); *Stenella frontalis* and *S. attenuata* both are included, but well may prove to be conspecific; the specific name *Stenella plagiodon* is used in preference to *S. pernettensis* in accord with Opinion 1067 of the International Commission on Zoological Nomenclature; *Stenella clymene* is recognized following Perrin *et al.* (1981); *macrorhynchus* is employed as the specific name for the short-finned pilot whale because that name was selected in preference to *sieboldii* by the first reviser (Gray, 1871); the family Phocoenidae is separated from the Delphinidae as suggested by Barnes (1978); *Mesoplodon* is regarded as the correct generic name for beaked whales (Hershkovitz, 1966; Rice and Kinman, 1980); *Mesoplodon hectori* is included because this whale recently has been recorded from California (Mead, 1981); and *macrocephalus* is listed as the correct specific name for the sperm whale following Husson and Holthuis (1974).

### Artiodactyls

In the Artiodactyla, we return to the use of the generic name *Tayassu* for the collared peccary following Wetzel (1977), and *Odocoileus* is used in place of *Dama* for the American deer as a result of Opinion 581 of the International Commission on Zoological Nomenclature. The antilocaprids have been retained as a separate family, although O'Gara and Matson (1975) presented evidence suggesting that they should be considered a subfamily of Bovidae. See also Van Gelder (1977) on hybridization among artiodactyls.

## ORDER MARSUPIALIA—Marsupials

### FAMILY DIDELPHIDAE—New World Opossums

*Didelphis virginiana* . . . . . Virginia Opossum

## ORDER INSECTIVORA—Insectivores

## FAMILY SORICIDAE—Shrews

- Sorex cinereus* ..... Cinereus or Masked Shrew  
*Sorex hydrodromus* ..... Pribilof Island Shrew  
*Sorex jacksoni* ..... St. Lawrence Island Shrew  
*Sorex lyelli* ..... Mt. Lyell Shrew  
*Sorex preblei* ..... Preble's Shrew  
*Sorex longirostris* ..... Southeastern Shrew  
*Sorex vagrans* ..... Vagrant Shrew  
*Sorex monticolus* ..... Dusky or Montane Shrew  
*Sorex pacificus* ..... Pacific Shrew  
*Sorex ornatus* ..... Ornate Shrew  
*Sorex tenellus* ..... Inyo Shrew  
*Sorex nanus* ..... Dwarf Shrew  
*Sorex palustris* ..... Water Shrew  
*Sorex alaskanus* ..... Glacier Bay Water Shrew  
*Sorex bendirii* ..... Pacific Water or Marsh Shrew  
*Sorex fumeus* ..... Smoky Shrew  
*Sorex dispar* ..... Long-tailed or Rock Shrew  
*Sorex gaspensis* ..... Gaspé Shrew  
*Sorex arcticus* ..... Arctic Shrew  
*Sorex tundrensis* ..... Tundra Shrew  
*Sorex trowbridgii* ..... Trowbridge's Shrew  
*Sorex merriami* ..... Merriam's Shrew  
*Sorex arizonae* ..... Arizona Shrew  
*Sorex hoyi* ..... Pygmy Shrew  
*Blarina brevicauda* ..... Northern Short-tailed Shrew  
*Blarina carolinensis* ..... Southern Short-tailed Shrew  
*Blarina hylophaga* ..... Elliot's Short-tailed Shrew  
*Cryptotis parva* ..... Least Shrew  
*Notiosorex crawfordi* ..... Desert Shrew

## FAMILY TALPIDAE—Moles

- Neurotrichus gibbsii* ..... Shrew-mole  
*Scapanus townsendii* ..... Townsend's Mole  
*Scapanus orarius* ..... Coast Mole  
*Scapanus latimanus* ..... Broad-footed Mole  
*Parascalops breweri* ..... Hairy-tailed Mole  
*Scalopus aquaticus* ..... Eastern Mole  
*Condylura cristata* ..... Star-nosed Mole

## ORDER CHIROPTERA—Bats

## FAMILY MORMOOPIDAE—Mormoopid Bats

*Mormoops megalophylla* . . . . . Ghost-faced Bat

## FAMILY PHYLLOSTOMIDAE—Phyllostomid Bats

*Macrotus californicus* . . . . . California Leaf-nosed Bat

*Choeronycteris mexicana* . . . . . Long-tongued Bat

*Leptonycteris nivalis* . . . . . Mexican Long-nosed Bat

*Leptonycteris sanborni* . . . . . Sanborn's Long-nosed Bat

*Diphylla ecaudata* . . . . . Hairy-legged Vampire

## FAMILY VESPERTILIONIDAE—Vespertilionid Bats

*Myotis lucifugus* . . . . . Little Brown Myotis

*Myotis yumanensis* . . . . . Yuma Myotis

*Myotis austroriparius* . . . . . Southeastern Myotis

*Myotis grisescens* . . . . . Gray Myotis

*Myotis velifer* . . . . . Cave Myotis

*Myotis keenii* . . . . . Keen's Myotis

*Myotis evotis* . . . . . Long-eared Myotis

*Myotis auriculus* . . . . . Southwestern Myotis

*Myotis thysanodes* . . . . . Fringed Myotis

*Myotis sodalis* . . . . . Indiana or Social Myotis

*Myotis volans* . . . . . Long-legged Myotis

*Myotis californicus* . . . . . California Myotis

*Myotis leibii* . . . . . Small-footed Myotis

*Lasionycteris noctivagans* . . . . . Silver-haired Bat

*Pipistrellus hesperus* . . . . . Western Pipistrelle

*Pipistrellus subflavus* . . . . . Eastern Pipistrelle

*Eptesicus fuscus* . . . . . Big Brown Bat

*Lasiurus borealis* . . . . . Red Bat

*Lasiurus seminolus* . . . . . Seminole Bat

*Lasiurus cinereus* . . . . . Hoary Bat

*Lasiurus intermedius* . . . . . Northern Yellow Bat

*Lasiurus ega* . . . . . Southern Yellow Bat

*Nycticeius humeralis* . . . . . Evening Bat

*Euderma maculatum* . . . . . Spotted Bat

*Plecotus townsendii* . . . . . Townsend's Big-eared Bat

*Plecotus rafinesquii* . . . . . Rafinesque's Big-eared Bat

*Idionycteris phyllotis* . . . . . Allen's Big-eared Bat

*Antrozous pallidus* . . . . . Pallid Bat

## FAMILY MOLOSSIDAE—Molossid Bats

*Tadarida brasiliensis* . . . . . Brazilian Free-tailed Bat

*Tadarida femorosacca* . . . . . Pocketed Free-tailed Bat

- Tadarida macrotis* . . . . . Big Free-tailed Bat  
*Eumops perotis* . . . . . Western Mastiff Bat  
*Eumops underwoodi* . . . . . Underwood's Mastiff Bat  
*Eumops glaucinus* . . . . . Wagner's Mastiff Bat

## ORDER EDENTATA—Edentates

## FAMILY DASYPODIDAE—Armadillos

- Dasybus novemcinctus* . . . . . Nine-banded Armadillo

## ORDER LAGOMORPHA—Lagomorphs

## FAMILY OCHOTONIDAE—Pikas

- Ochotona collaris* . . . . . Collared Pika  
*Ochotona princeps* . . . . . Pika

## FAMILY LEPORIDAE—Hares and Rabbits

- Sylvilagus idahoensis* . . . . . Pygmy Rabbit  
*Sylvilagus bachmani* . . . . . Brush Rabbit  
*Sylvilagus palustris* . . . . . Marsh Rabbit  
*Sylvilagus floridanus* . . . . . Eastern Cottontail  
*Sylvilagus transitionalis* . . . . . New England Cottontail  
*Sylvilagus nuttallii* . . . . . Nuttall's Cottontail  
*Sylvilagus audubonii* . . . . . Desert Cottontail  
*Sylvilagus aquaticus* . . . . . Swamp Rabbit  
*Oryctolagus cuniculus*\* . . . . . European Rabbit  
*Lepus americanus* . . . . . Snowshoe Hare  
*Lepus othus* . . . . . Alaska Hare  
*Lepus arcticus* . . . . . Arctic Hare  
*Lepus townsendii* . . . . . White-tailed Jack Rabbit  
*Lepus californicus* . . . . . Black-tailed Jack Rabbit  
*Lepus callotis* . . . . . White-sided Jack Rabbit  
*Lepus alleni* . . . . . Antelope Jack Rabbit  
*Lepus capensis*\* . . . . . Cape or European Hare

## ORDER RODENTIA—Rodents

## FAMILY APLODONTIIDAE—Mountain Beaver

- Aplodontia rufa* . . . . . Mountain Beaver

## FAMILY SCIURIDAE—Squirrels

- Tamias striatus* . . . . . Eastern Chipmunk  
*Tamias alpinus* . . . . . Alpine Chipmunk  
*Tamias minimus* . . . . . Least Chipmunk  
*Tamias amoenus* . . . . . Yellow-pine Chipmunk  
*Tamias townsendii* . . . . . Townsend's Chipmunk

<i>Tamias ochrogenys</i> . . . . .	Yellow-cheeked Chipmunk
<i>Tamias senex</i> . . . . .	Allen's Chipmunk
<i>Tamias siskiyou</i> . . . . .	Siskiyou Chipmunk
<i>Tamias sonomae</i> . . . . .	Sonoma Chipmunk
<i>Tamias merriami</i> . . . . .	Merriam's Chipmunk
<i>Tamias obscurus</i> . . . . .	California Chipmunk
<i>Tamias dorsalis</i> . . . . .	Cliff Chipmunk
<i>Tamias quadrivittatus</i> . . . . .	Colorado Chipmunk
<i>Tamias ruficaudus</i> . . . . .	Red-tailed Chipmunk
<i>Tamias cinereicollis</i> . . . . .	Gray-collared Chipmunk
<i>Tamias canipes</i> . . . . .	Gray-footed Chipmunk
<i>Tamias quadrimaculatus</i> . . . . .	Long-eared Chipmunk
<i>Tamias speciosus</i> . . . . .	Lodgepole Chipmunk
<i>Tamias panamintinus</i> . . . . .	Panamint Chipmunk
<i>Tamias umbrinus</i> . . . . .	Uinta Chipmunk
<i>Tamias palmeri</i> . . . . .	Palmer's Chipmunk
<i>Marmota monax</i> . . . . .	Woodchuck
<i>Marmota flaviventris</i> . . . . .	Yellow-bellied Marmot
<i>Marmota broweri</i> . . . . .	Alaska Marmot
<i>Marmota caligata</i> . . . . .	Hoary Marmot
<i>Marmota olympus</i> . . . . .	Olympic Marmot
<i>Marmota vancouverensis</i> . . . . .	Vancouver Marmot
<i>Ammospermophilus</i>	
<i>harrisii</i> . . . . .	Harris' Antelope Squirrel
<i>Ammospermophilus</i>	
<i>leucurus</i> . . . . .	White-tailed Antelope Squirrel
<i>Ammospermophilus</i>	
<i>interpres</i> . . . . .	Texas Antelope Squirrel
<i>Ammospermophilus</i>	
<i>nelsoni</i> . . . . .	Nelson's Antelope Squirrel
<i>Spermophilus townsendii</i> . . . . .	Townsend's Ground Squirrel
<i>Spermophilus</i>	
<i>washingtoni</i> . . . . .	Washington Ground Squirrel
<i>Spermophilus brunneus</i> . . . . .	Idaho Ground Squirrel
<i>Spermophilus</i>	
<i>richardsonii</i> . . . . .	Richardson's Ground Squirrel
<i>Spermophilus elegans</i> . . . . .	Wyoming Ground Squirrel
<i>Spermophilus armatus</i> . . . . .	Uinta Ground Squirrel
<i>Spermophilus beldingi</i> . . . . .	Belding's Ground Squirrel
<i>Spermophilus</i>	
<i>columbianus</i> . . . . .	Columbian Ground Squirrel
<i>Spermophilus parryii</i> . . . . .	Arctic Ground Squirrel

- Spermophilus*  
*tridecemlineatus* . . . . . Thirteen-lined Ground Squirrel  
*Spermophilus mexicanus* . . . Mexican Ground Squirrel  
*Spermophilus spilosoma* . . . Spotted Ground Squirrel  
*Spermophilus franklinii* . . . Franklin's Ground Squirrel  
*Spermophilus variegatus* . . . Rock Squirrel  
*Spermophilus beecheyi* . . . . . California Ground Squirrel  
*Spermophilus mohavensis* . . Mohave Ground Squirrel  
*Spermophilus tereticaudus* . . Round-tailed Ground Squirrel  
*Spermophilus lateralis* . . . . . Golden-mantled Ground  
Squirrel  
*Spermophilus saturatus* . . . . . Cascade Golden-mantled  
Ground Squirrel  
*Cynomys ludovicianus* . . . . . Black-tailed Prairie Dog  
*Cynomys leucurus* . . . . . White-tailed Prairie Dog  
*Cynomys parvidens* . . . . . Utah Prairie Dog  
*Cynomys gunnisoni* . . . . . Gunnison's Prairie Dog  
*Sciurus carolinensis* . . . . . Gray Squirrel  
*Sciurus niger* . . . . . Fox Squirrel  
*Sciurus nayaritensis* . . . . . Nayarit Squirrel  
*Sciurus arizonensis* . . . . . Arizona Gray Squirrel  
*Sciurus griseus* . . . . . Western Gray Squirrel  
*Sciurus aberti* . . . . . Abert's Squirrel  
*Tamiasciurus hudsonicus* . . Red Squirrel  
*Tamiasciurus douglasii* . . . Douglas' Squirrel  
*Glaucomys volans* . . . . . Southern Flying Squirrel  
*Glaucomys sabrinus* . . . . . Northern Flying Squirrel
- FAMILY GEOMYIDAE—Pocket Gophers  
*Thomomys umbrinus* . . . . . Southern Pocket Gopher  
*Thomomys bottae* . . . . . Botta's Pocket Gopher  
*Thomomys townsendii* . . . . . Townsend's Pocket Gopher  
*Thomomys talpoides* . . . . . Northern Pocket Gopher  
*Thomomys clusius* . . . . . Wyoming Pocket Gopher  
*Thomomys idahoensis* . . . . . Idaho Pocket Gopher  
*Thomomys mazama* . . . . . Western Pocket Gopher  
*Thomomys monticola* . . . . . Mountain Pocket Gopher  
*Thomomys bulbivorus* . . . . . Camas Pocket Gopher  
*Geomys bursarius* . . . . . Plains Pocket Gopher  
*Geomys attwateri* . . . . . Attwater's Pocket Gopher  
*Geomys arenarius* . . . . . Desert Pocket Gopher  
*Geomys personatus* . . . . . Texas Pocket Gopher  
*Geomys pinetis* . . . . . Southeastern Pocket Gopher  
*Pappogeomys castanops* . . . . . Yellow-faced Pocket Gopher

## FAMILY HETEROMYIDAE—Heteromyids

- Perognathus fasciatus* . . . . .Olive-backed Pocket Mouse  
*Perognathus flavescens* . . . . .Plains Pocket Mouse  
*Perognathus flavus* . . . . .Silky Pocket Mouse  
*Perognathus*  
   *longimembris* . . . . .Little Pocket Mouse  
*Perognathus amplus* . . . . .Arizona Pocket Mouse  
*Perognathus inornatus* . . . . .San Joaquin Pocket Mouse  
*Perognathus parvus* . . . . .Great Basin Pocket Mouse  
*Perognathus alticola* . . . . .White-eared Pocket Mouse  
*Perognathus xanthonotus* . . . . .Yellow-eared Pocket Mouse  
*Perognathus formosus* . . . . .Long-tailed Pocket Mouse  
*Perognathus baileyi* . . . . .Bailey's Pocket Mouse  
*Perognathus hispidus* . . . . .Hispid Pocket Mouse  
*Perognathus penicillatus* . . . . .Desert Pocket Mouse  
*Perognathus intermedius* . . . . .Rock Pocket Mouse  
*Perognathus nelsoni* . . . . .Nelson's Pocket Mouse  
*Perognathus fallax* . . . . .San Diego Pocket Mouse  
*Perognathus californicus* . . . . .California Pocket Mouse  
*Perognathus spinatus* . . . . .Spiny Pocket Mouse  
*Microdipodops*  
   *megacephalus* . . . . .Dark Kangaroo Mouse  
*Microdipodops pallidus* . . . . .Pale Kangaroo Mouse  
*Dipodomys ordii* . . . . .Ord's Kangaroo Rat  
*Dipodomys compactus* . . . . .Gulf Coast Kangaroo Rat  
*Dipodomys microps* . . . . .Chisel-toothed Kangaroo Rat  
*Dipodomys elephantinus* . . . . .Big-eared Kangaroo Rat  
*Dipodomys venustus* . . . . .Narrow-faced Kangaroo Rat  
*Dipodomys agilis* . . . . .Agile Kangaroo Rat  
*Dipodomys heermanni* . . . . .Heermann's Kangaroo Rat  
*Dipodomys californicus* . . . . .California Kangaroo Rat  
*Dipodomys ingens* . . . . .Giant Kangaroo Rat  
*Dipodomys panamintinus* . . . . .Panamint Kangaroo Rat  
*Dipodomys stephensi* . . . . .Stephens' Kangaroo Rat  
*Dipodomys spectabilis* . . . . .Banner-tailed Kangaroo Rat  
*Dipodomys elator* . . . . .Texas Kangaroo Rat  
*Dipodomys merriami* . . . . .Merriam's Kangaroo Rat  
*Dipodomys nitratoides* . . . . .Fresno Kangaroo Rat  
*Dipodomys deserti* . . . . .Desert Kangaroo Rat  
*Liomys irroratus* . . . . .Mexican Spiny Pocket Mouse

## FAMILY CASTORIDAE—Beavers

- Castor canadensis* . . . . .Beaver

## FAMILY CRICETIDAE—Cricetids

- Oryzomys palustris* .....Marsh Rice Rat  
*Oryzomys couesi* .....Coues' Rice Rat  
*Oryzomys argentatus* .....Key Rice Rat  
*Reithrodontomys*  
    *montanus* .....Plains Harvest Mouse  
*Reithrodontomys humulis* ...Eastern Harvest Mouse  
*Reithrodontomys*  
    *megalotis* .....Western Harvest Mouse  
*Reithrodontomys*  
    *raviventris* .....Salt-marsh Harvest Mouse  
*Reithrodontomys*  
    *fulvescens* .....Fulvous Harvest Mouse  
*Peromyscus eremicus* .....Cactus Mouse  
*Peromyscus merriami* .....Merriam's Mouse  
*Peromyscus californicus* .....California Mouse  
*Peromyscus polionotus* .....Oldfield Mouse  
*Peromyscus maniculatus* ....Deer Mouse  
*Peromyscus sithkensis* .....Sitka Mouse  
*Peromyscus melanotis* .....Black-eared Mouse  
*Peromyscus leucopus* .....White-footed Mouse  
*Peromyscus gossypinus* .....Cotton Mouse  
*Peromyscus crinitus* .....Canyon Mouse  
*Peromyscus boylii* .....Brush Mouse  
*Peromyscus attwateri* .....Texas Mouse  
*Peromyscus pectoralis* .....White-ankled Mouse  
*Peromyscus truei* .....Piñon Mouse  
*Peromyscus comanche* .....Palo Duro Mouse  
*Peromyscus difficilis* .....Rock Mouse  
*Podomys floridanus* .....Florida Mouse  
*Ochrotomys nuttalli* .....Golden Mouse  
*Baiomys taylori* .....Northern Pygmy Mouse  
*Onchomys leucogaster* .....Northern Grasshopper Mouse  
*Onchomys torridus* .....Southern Grasshopper Mouse  
*Onchomys arenicola* .....Mearns' Grasshopper Mouse  
*Sigmodon hispidus* .....Hispid Cotton Rat  
*Sigmodon arizonae* .....Arizona Cotton Rat  
*Sigmodon fulviventor* .....Tawny-bellied Cotton Rat  
*Sigmodon ochrognathus* ....Yellow-nosed Cotton Rat  
*Neotoma floridana* .....Eastern Woodrat  
*Neotoma micropus* .....Southern Plains Woodrat  
*Neotoma albigula* .....White-throated Woodrat

<i>Neotoma lepida</i> .....	Desert Woodrat
<i>Neotoma devia</i> .....	Arizona Woodrat
<i>Neotoma stephensi</i> .....	Stephens' Woodrat
<i>Neotoma mexicana</i> .....	Mexican Woodrat
<i>Neotoma fuscipes</i> .....	Dusky-footed Woodrat
<i>Neotoma cinerea</i> .....	Bushy-tailed Woodrat
<i>Clethrionomys rutilus</i> .....	Northern Red-backed Vole
<i>Clethrionomys gapperi</i> .....	Southern Red-backed Vole
<i>Clethrionomys</i>	
<i>californicus</i> .....	Western Red-backed Vole
<i>Phenacomys intermedius</i> ....	Heather Vole
<i>Arborimus albipes</i> .....	White-footed Vole
<i>Arborimus longicaudus</i> ....	Red Tree Vole
<i>Microtus pennsylvanicus</i> ....	Meadow Vole
<i>Microtus breweri</i> .....	Beach Vole
<i>Microtus nesophilus</i> .....	Gull Island Vole
<i>Microtus montanus</i> .....	Montane Vole
<i>Microtus canicaudus</i> .....	Gray-tailed Vole
<i>Microtus californicus</i> .....	California Vole
<i>Microtus townsendii</i> .....	Townsend's Vole
<i>Microtus oeconomus</i> .....	Tundra Vole
<i>Microtus longicaudus</i> .....	Long-tailed Vole
<i>Microtus coronarius</i> .....	Coronation Island Vole
<i>Microtus mexicanus</i> .....	Mexican Vole
<i>Microtus chrotorrhinus</i> ....	Rock Vole
<i>Microtus xanthognathus</i> ....	Yellow-cheeked or Taiga Vole
<i>Microtus oregoni</i> .....	Creeping Vole
<i>Microtus miurus</i> .....	Singing Vole
<i>Microtus abbreviatus</i> .....	St. Matthew Island Vole
<i>Microtus ochrogaster</i> .....	Prairie Vole
<i>Microtus pinetorum</i> .....	Woodland Vole
<i>Microtus richardsoni</i> .....	Water Vole
<i>Lagurus curtatus</i> .....	Sagebrush Vole
<i>Neofiber alleni</i> .....	Round-tailed Muskrat
<i>Ondatra zibethicus</i> .....	Muskrat
<i>Lemmus sibiricus</i> .....	Brown Lemming
<i>Synaptomys cooperi</i> .....	Southern Bog Lemming
<i>Synaptomys borealis</i> .....	Northern Bog Lemming
<i>Dicrostonyx</i>	
<i>groenlandicus</i> .....	Collared Lemming
<i>Dicrostonyx exsul</i> .....	St. Lawrence Island Collared Lemming
<i>Dicrostonyx hudsonius</i> .....	Labrador Collared Lemming

## FAMILY MURIDAE—Murids

- Rattus rattus*\* ..... Black Rat  
*Rattus norvegicus*\* ..... Norway Rat  
*Mus musculus*\* ..... House Mouse

## FAMILY ZAPODIDAE—Jumping Mice

- Zapus hudsonius* ..... Meadow Jumping Mouse  
*Zapus princeps* ..... Western Jumping Mouse  
*Zapus trinotatus* ..... Pacific Jumping Mouse  
*Napaeozapus insignis* ..... Woodland Jumping Mouse

## FAMILY ERETHIZONTIDAE—New World Porcupines

- Erethizon dorsatum* ..... Porcupine

## FAMILY MYOCASTORIDAE—Myocastorids

- Myocastor coypus*\* ..... Nutria

## ORDER CARNIVORA—Carnivores

## FAMILY CANIDAE—Canids

- Canis latrans* ..... Coyote  
*Canis rufus* ..... Red Wolf  
*Canis lupus* ..... Gray Wolf  
*Alopex lagopus* ..... Arctic Fox  
*Vulpes vulpes* ..... Red Fox  
*Vulpes macrotis* ..... Kit Fox  
*Vulpes velox* ..... Swift Fox  
*Urocyon cinereoargenteus* ... Gray Fox  
*Urocyon littoralis* ..... Channel Islands Gray Fox

## FAMILY URSIDAE—Bears

- Ursus americanus* ..... Black Bear  
*Ursus arctos* ..... Grizzly or Brown Bear  
*Ursus maritimus* ..... Polar Bear

## FAMILY OTARIIDAE—Eared Seals

- Callorhinus ursinus* ..... Northern Fur Seal  
*Arctocephalus townsendi* ... Guadalupe Fur Seal  
*Eumetopias jubatus* ..... Northern Sea Lion  
*Zalophus californianus* ..... California Sea Lion

## FAMILY ODOBENIDAE—Walrus

- Odobenus rosmarus* ..... Walrus

## FAMILY PROCYONIDAE—Procyonids

- Bassariscus astutus* ..... Ringtail  
*Procyon lotor* ..... Raccoon  
*Nasua nasua* ..... Coati

## FAMILY MUSTELIDAE—Mustelids

<i>Martes americana</i> . . . . .	Marten
<i>Martes pennanti</i> . . . . .	Fisher
<i>Mustela erminea</i> . . . . .	Ermine
<i>Mustela nivalis</i> . . . . .	Least Weasel
<i>Mustela frenata</i> . . . . .	Long-tailed Weasel
<i>Mustela nigripes</i> . . . . .	Black-footed Ferret
<i>Mustela vison</i> . . . . .	Mink
<i>Gulo gulo</i> . . . . .	Wolverine
<i>Taxidea taxus</i> . . . . .	Badger
<i>Spilogale putorius</i> . . . . .	Eastern Spotted Skunk
<i>Spilogale gracilis</i> . . . . .	Western Spotted Skunk
<i>Mephitis mephitis</i> . . . . .	Striped Skunk
<i>Mephitis macroura</i> . . . . .	Hooded Skunk
<i>Conepatus mesoleucus</i> . . . . .	Hog-nosed Skunk
<i>Conepatus leuconotus</i> . . . . .	Eastern Hog-nosed Skunk
<i>Lutra canadensis</i> . . . . .	River Otter
<i>Enhydra lutris</i> . . . . .	Sea Otter

## FAMILY PHOCIDAE—Hair Seals

<i>Phoca vitulina</i> . . . . .	Harbor Seal
<i>Phoca largha</i> . . . . .	Spotted Seal
<i>Phoca fasciata</i> . . . . .	Ribbon Seal
<i>Phoca hispida</i> . . . . .	Ringed Seal
<i>Phoca groenlandica</i> . . . . .	Harp Seal
<i>Halichoerus grypus</i> . . . . .	Gray Seal
<i>Erigonathus barbatus</i> . . . . .	Bearded Seal
<i>Cystophora cristata</i> . . . . .	Hooded Seal
<i>Monachus tropicalis</i> . . . . .	West Indian Monk Seal
<i>Mirounga angustirostris</i> . . . . .	Northern Elephant Seal

## FAMILY FELIDAE—Cats

<i>Felis onca</i> . . . . .	Jaguar
<i>Felis concolor</i> . . . . .	Mountain Lion
<i>Felis pardalis</i> . . . . .	Ocelot
<i>Felis wiedii</i> . . . . .	Margay
<i>Felis yagouaroundi</i> . . . . .	Jaguarundi
<i>Felis lynx</i> . . . . .	Lynx
<i>Felis rufus</i> . . . . .	Bobcat

## ORDER MYSTICETI—Baleen Whales

## FAMILY ESCHRICHTIIDAE—Gray Whale

<i>Eschrichtius robustus</i> . . . . .	Gray Whale
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**FAMILY BALAENOPTERIDAE—Rorquals**

- Balaenoptera*
- acutorostrata* .....Minke Whale
- Balaenoptera borealis* .....Sei Whale
- Balaenoptera edeni* .....Bryde's Whale
- Balaenoptera physalus* .....Fin Whale
- Balaenoptera musculus* .....Blue Whale
- Megaptera novaeangliae* .....Humpback Whale

**FAMILY BALAENIDAE—Right Whales**

- Balaena glacialis* .....Black Right Whale
- Balaena mysticetus* .....Bowhead Whale

**ORDER ODONTOCETI—Toothed Whales**

**FAMILY MONODONTIDAE—Monodontids**

- Delphinapterus leucas* .....White Whale or Beluga
- Monodon monoceros* .....Narwhal

**FAMILY DELPHINIDAE—Delphinids**

- Steno bredanensis* .....Rough-toothed Dolphin
- Tursiops truncatus* .....Bottle-nosed Dolphin
- Stenella frontalis* .....Bridled Spotted Dolphin
- Stenella attenuata* .....Pantropical Spotted Dolphin
- Stenella plagiodon* .....Atlantic Spotted Dolphin
- Stenella coeruleoalba* .....Striped Dolphin
- Stenella clymene* .....Short-snouted Spinner Dolphin
- Stenella longirostris* .....Long-snouted Spinner Dolphin
- Delphinus delphis* .....Saddle-backed Dolphin
- Lagenorhynchus*
- albirostris* .....White-beaked Dolphin
- Lagenorhynchus acutus* .....Atlantic White-sided Dolphin
- Lagenorhynchus*
- obliquidens* .....Pacific White-sided Dolphin
- Grampus griseus* .....Risso's Dolphin or Grampus
- Feresa attenuata* .....Pygmy Killer Whale
- Pseudorca crassidens* .....False Killer Whale
- Globicephala melaena* .....Long-finned Pilot Whale
- Globicephala*
- macrorhynchus* .....Short-finned Pilot Whale
- Orcinus orca* .....Killer Whale
- Lissodelphis borealis* .....Northern Right-whale Dolphin

**FAMILY PHOCOENIDAE—Porpoises**

- Phocoena phocoena* .....Harbor Porpoise
- Phocoenoides dalli* .....Dall's Porpoise

**FAMILY ZIPHIIDAE—Beaked Whales**

- Berardius bairdii* ..... North Pacific Bottle-nosed  
Whale
- Ziphius cavirostris* ..... Goose-beaked Whale
- Hyperoodon ampullatus* .... North Atlantic Bottle-nosed  
Whale
- Mesoplodon hectori* ..... Hector's Beaked Whale
- Mesoplodon mirus* ..... True's Beaked Whale
- Mesoplodon europaeus* ..... Gervais' Beaked Whale
- Mesoplodon ginkgodens* .... Ginkgo-toothed Whale
- Mesoplodon carlhubbsi* .... Arch-beaked Whale
- Mesoplodon stejnegeri* ..... Bering Sea Beaked Whale
- Mesoplodon bidens* ..... North Atlantic Beaked Whale
- Mesoplodon densirostris* .... Dense-beaked Whale

**FAMILY PHYSETERIDAE—Sperm Whales**

- Kogia simus* ..... Dwarf Sperm Whale
- Kogia breviceps* ..... Pygmy Sperm Whale
- Physeter macrocephalus* .... Sperm Whale

**ORDER SIRENIA—Sea Cows****FAMILY TRICHECHIDAE—Manatees**

- Trichechus manatus* ..... Manatee

**ORDER ARTIODACTYLA—Even-toed Ungulates****FAMILY SUIDAE—Pigs**

- Sus scrofa*\* ..... Wild Pig

**FAMILY TAYASSUIDAE—Peccaries**

- Tayassu tajacu* ..... Collared Peccary

**FAMILY CERVIDAE—Cervids**

- Cervus elaphus* ..... Wapiti or Elk
- Cervus dama*\* ..... Fallow Deer
- Odocoileus hemionus* ..... Mule Deer
- Odocoileus virginianus* ..... White-tailed Deer
- Alces alces* ..... Moose
- Rangifer tarandus* ..... Caribou

**FAMILY ANTILOCAPRIDAE—Pronghorn**

- Antilocapra americana* ..... Pronghorn

**FAMILY BOVIDAE—Bovids**

- Bison bison* ..... Bison
- Oreamnos americanus* ..... Mountain Goat

<i>Ovibos moschatus</i> .....	Muskox
<i>Ovis canadensis</i> .....	Mountain Sheep
<i>Ovis dalli</i> .....	Dall's Sheep
<i>Ammotragus lervia</i> * .....	Barbary Sheep

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