



# Checklist of New Mexico Mammals

## Division of Mammals

The Museum of Southwestern Biology (MSB), established in 1936, is rich in natural history material from throughout western North America, many countries in Central and South America, and elsewhere in the world. Over 170,000 specimens place the Mammal Division among the ten largest collections of traditional mammal specimens in the Western Hemisphere. These specimens voucher the largest archive of ultra-frozen mammalian tissues worldwide in the Division of Genomic Resources and large series of protozoan, helminth, and arthropod parasites at several institutions including MSB, Manter Laboratory in Nebraska, and U.S. National Parasite Laboratory in Maryland. These collections are fully searchable and tied to each other and to other natural history collections and large databases (e.g., GenBank) via the World Wide Web. Investigations, graduate dissertations, and collaborative efforts with state and federal agencies have stimulated considerable growth in this collection in the past few decades, including substantial series recently accessioned from the USGS Biological Survey Collection (Denver) and University of Illinois.

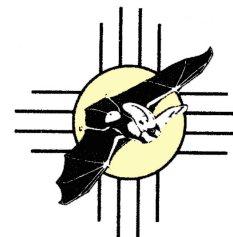
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This checklist is an update of *Taxonomy and Distribution of the Mammals of New Mexico* by J. K. Frey (2004, Museum of Texas Tech University Occasional Papers Number 240). It comprises all native and non-native species of mammals that occur, or recently occurred, in New Mexico. Scientific and common names generally follow *Mammal Species of the World* by D. E. Wilson and D. M. Reeder (2005, John Hopkins University Press).

After each scientific name, we cite the author who first described the species and the year of publication. Parentheses indicate that, though the specific name has remained the same, the species has since been assigned to another genus.

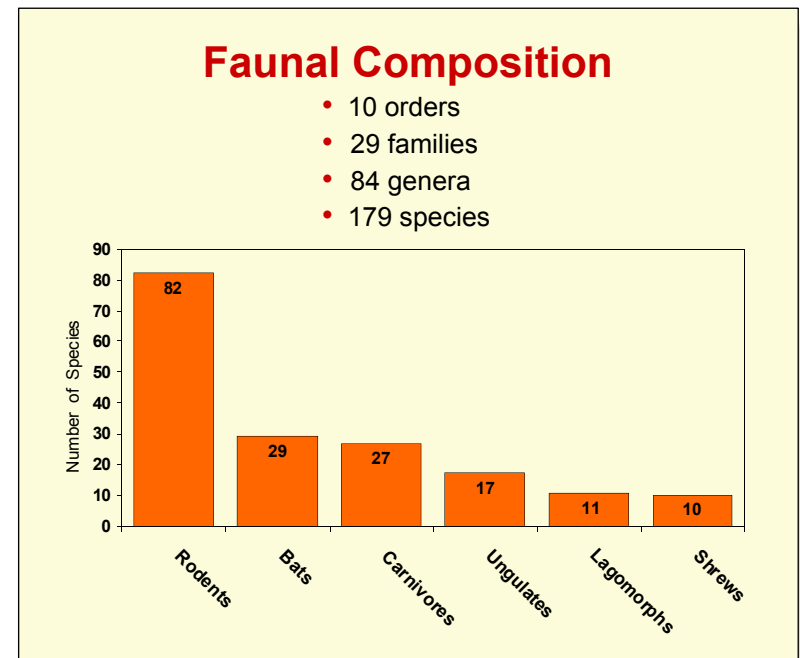
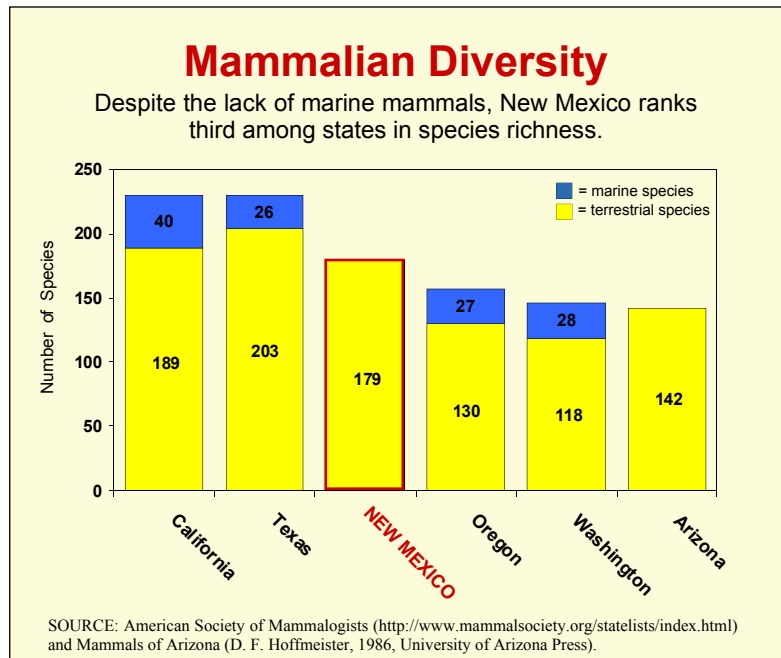
Footnotes indicate:

- <sup>1</sup> Introduced in the state (including feral domestics and game species)
- <sup>2</sup> Reintroduced
- <sup>3</sup> Comprised of both native and introduced populations
- <sup>4</sup> Presumed extirpated from the state
- <sup>5</sup> Not substantiated with a voucher specimen

Cover drawing of Bushy-tailed Woodrat by Orien MacDonald, with permission.

#### ARTIODACTYLA—even-toed ungulates

Suidae	
Wild Boar <sup>1</sup>	<i>Sus scrofa</i> Linnaeus, 1758
Tayassuidae	
Collared Peccary	<i>Pecari tajacu</i> (Linnaeus, 1758)
Cervidae	
Moose <sup>1,5</sup>	<i>Alces americanus</i> (Clinton, 1822)
Elk <sup>2</sup>	<i>Cervus elaphus</i> Linnaeus, 1758
Mule Deer	<i>Odocoileus hemionus</i> (Rafinesque, 1817)
White-tailed Deer	<i>Odocoileus virginianus</i> (Zimmermann, 1780)
Antilocapridae	
Pronghorn	<i>Antilocapra americana</i> (Ord, 1815)
Bovidae	
Barbary Sheep <sup>1</sup>	<i>Ammotragus lervia</i> (Pallas, 1777)
American Bison <sup>4,1</sup>	<i>Bison bison</i> (Linnaeus, 1758)
Goat <sup>1</sup>	<i>Capra hircus</i> Linnaeus, 1758
Siberian Ibex <sup>1,4</sup>	<i>Capra sibirica</i> (Pallas, 1776)
Himalayan Tahr <sup>1</sup>	<i>Hemitragus jemlahicus</i> (C. H. Smith, 1826)
Gemsbok <sup>1</sup>	<i>Oryx gazella</i> (Linnaeus, 1758)
Red Sheep <sup>1</sup>	<i>Ovis aries</i> Linnaeus, 1758
Bighorn Sheep <sup>2</sup>	<i>Ovis canadensis</i> Shaw, 1804



Long-eared Myotis	<i>Myotis evotis</i> (H. Allen, 1864)
Little Brown Myotis	<i>Myotis lucifugus</i> (Le Conte, 1831)
Arizona Myotis	<i>Myotis occultus</i> Hollister, 1909
Fringed Myotis	<i>Myotis thysanodes</i> Miller, 1897
Cave Myotis	<i>Myotis velifer</i> (J. A. Allen, 1890)
Long-legged Myotis	<i>Myotis volans</i> (H. Allen, 1866)
Yuma Myotis	<i>Myotis yumanensis</i> (H. Allen, 1864)
Western Pipistrelle	<i>Pipistrellus hesperus</i> (H. Allen, 1864)
Eastern Pipistrelle	<i>Pipistrellus subflavus</i> (F. Cuvier, 1832)

## CARNIVORA—carnivores

Felidae	
Canadian Lynx <sup>1,5</sup>	<i>Lynx canadensis</i> Kerr, 1792
Bobcat	<i>Lynx rufus</i> (Schreber, 1777)
Jaguar	<i>Panthera onca</i> (Linnaeus, 1758)
Cougar	<i>Puma concolor</i> (Linnaeus, 1771)
Canidae	
Coyote	<i>Canis latrans</i> Say, 1823
Wolf <sup>2</sup>	<i>Canis lupus</i> Linnaeus, 1758
Gray Fox	<i>Urocyon cinereoargenteus</i> (Schreber, 1775)
Kit Fox	<i>Vulpes macrotis</i> Merriam, 1888
Swift Fox	<i>Vulpes velox</i> (Say, 1823)
Red Fox <sup>3</sup>	<i>Vulpes vulpes</i> (Linnaeus, 1758)
Ursidae	
American Black Bear	<i>Ursus americanus</i> Pallas, 1780
Brown Bear <sup>4</sup>	<i>Ursus arctos</i> Linnaeus, 1758
Mustelidae	
Wolverine <sup>5</sup>	<i>Gulo gulo</i> (Linnaeus, 1758)
North American River Otter <sup>4,1</sup>	<i>Lontra canadensis</i> (Schreber, 1777)
American Marten	<i>Martes americana</i> (Turton, 1806)
Ermine	<i>Mustela erminea</i> Linnaeus, 1758
Long-tailed Weasel	<i>Mustela frenata</i> Lichtenstein, 1831
Black-footed Ferret <sup>4</sup>	<i>Mustela nigripes</i> (Audubon & Bachman, 1851)
American Mink	<i>Neovison vison</i> (Schreber, 1777)
American Badger	<i>Taxidea taxus</i> (Schreber, 1777)
Mephitidae	
American Hog-nosed Skunk	<i>Conepatus leuconotus</i> (Lichtenstein, 1832)
Hooded Skunk	<i>Mephitis macroura</i> Lichtenstein, 1832
Striped Skunk	<i>Mephitis mephitis</i> (Schreber, 1776)
Western Spotted Skunk	<i>Spilogale gracilis</i> Merriam, 1890
Procyonidae	
Ringtail	<i>Bassariscus astutus</i> (Lichtenstein, 1830)
White-nosed Coati	<i>Nasua narica</i> (Linnaeus, 1766)
Raccoon	<i>Procyon lotor</i> (Linnaeus, 1758)

## PERISSODACTYLA—odd-toed ungulates

Equidae	
Ass <sup>1,4</sup>	<i>Equus asinus</i> Linnaeus, 1758
Horse <sup>1</sup>	<i>Equus caballus</i> Linnaeus, 1758

## DIDELPHIMORPHIA—American opossums

Didelphidae	
Virginia Opossum <sup>3</sup>	<i>Didelphis virginiana</i> Kerr, 1792

## CINGULATA—armadillos

Dasypodidae	
Nine-banded Armadillo <sup>5</sup>	<i>Dasypus novemcinctus</i> Linnaeus, 1758

## PRIMATES—primates

Hominidae	
Modern Man	<i>Homo sapiens</i> Linnaeus, 1758

## RODENTIA—rodents

Sciuridae	
Harris's Antelope Squirrel	<i>Ammospermophilus harrisi</i> (Audubon & Backman, 1854)
Texas Antelope Squirrel	<i>Ammospermophilus interpres</i> (Merriam, 1890)
White-tailed Antelope Squirrel	<i>Ammospermophilus leucurus</i> (Merriam, 1889)
Gunnison's Prairie Dog	<i>Cynomys gunnisoni</i> (Baird, 1855)
Black-tailed Prairie Dog	<i>Cynomys ludovicianus</i> (Ord, 1815)
Yellow-bellied Marmot	<i>Marmota flaviventris</i> (Audubon & Backman, 1841)
Abert's Squirrel	<i>Sciurus aberti</i> Woodhouse, 1853
Arizona Gray Squirrel	<i>Sciurus arizonensis</i> Coues, 1867
Eastern Fox Squirrel <sup>3</sup>	<i>Sciurus niger</i> Linnaeus, 1758
Golden-mantled Ground Squirrel	<i>Spermophilus lateralis</i> (Say, 1823)
Mexican Ground Squirrel	<i>Spermophilus mexicanus</i> (Erxleben, 1777)
Spotted Ground Squirrel	<i>Spermophilus spilosoma</i> Bennett, 1833
Thirteen-lined Ground Squirrel	<i>Spermophilus tridecimlineatus</i> (Mitchill, 1821)
Rock Squirrel	<i>Spermophilus variegatus</i> (Erxleben, 1777)
Gray-footed Chipmunk	<i>Tamias canipes</i> (V. Bailey, 1902)
Gray-collared Chipmunk	<i>Tamias cinereicollis</i> J. A. Allen, 1890
Cliff Chipmunk	<i>Tamias dorsalis</i> Baird, 1855
Least Chipmunk	<i>Tamias minimus</i> Bachman, 1839
Colorado Chipmunk	<i>Tamias quadrivittatus</i> (Say, 1823)
Red Squirrel	<i>Tamiasciurus hudsonicus</i> (Erxleben, 1777)
Castoridae	
American Beaver	<i>Castor canadensis</i> Kuhl, 1820
Heteromyidae	
Bailey's Pocket Mouse	<i>Chaetodipus baileyi</i> (Merriam, 1894)
Chihuahuan Pocket Mouse	<i>Chaetodipus eremicus</i> (Mearns, 1858)
Hispid Pocket Mouse	<i>Chaetodipus hispidus</i> (Baird, 1857)
Rock Pocket Mouse	<i>Chaetodipus intermedius</i> (Merriam, 1889)
Nelson's Pocket Mouse	<i>Chaetodipus nelsoni</i> (Merriam, 1894)
Desert Pocket Mouse	<i>Chaetodipus penicillatus</i> (Woodhouse, 1852)
Merriam's Kangaroo Rat	<i>Dipodomys merriami</i> Mearns, 1890
Ord's Kangaroo Rat	<i>Dipodomys ordii</i> Woodhouse, 1853
Banner-tailed Kangaroo Rat	<i>Dipodomys spectabilis</i> Merriam, 1890
Apache Pocket Mouse	<i>Perognathus apache</i> Merriam, 1889
Plains Pocket Mouse	<i>Perognathus flavescens</i> Merriam, 1889
Silky Pocket Mouse	<i>Perognathus flavus</i> Baird, 1855
Merriam's Pocket Mouse	<i>Perognathus merriami</i> J. A. Allen, 1892
Geomyidae	
Yellow-faced Pocket Gopher	<i>Cratogeomys castanops</i> (Baird, 1852)

Desert Pocket Gopher	<i>Geomys arenarius</i> Merriam, 1895	<b>LAGOMORPHA</b> —lagomorphs	
Plains Pocket Gopher	<i>Geomys bursarius</i> (Shaw, 1800)	Ochotonidae	
Knox Jones's Pocket Gopher	<i>Geomys knoxjonesi</i> Baker & Genoways, 1975	American Pika	<i>Ochotona princeps</i> (Richardson, 1828)
Botta's Pocket Gopher	<i>Thomomys bottae</i> (Eydoux & Gervais, 1836)	Leporidae	
Northern Pocket Gopher	<i>Thomomys talpoides</i> (Richardson, 1828)	Snowshoe Hare	<i>Lepus americanus</i> Erxleben, 1777
Southern Pocket Gopher	<i>Thomomys umbrinus</i> (Richardson, 1829)	Black-tailed Jackrabbit	<i>Lepus californicus</i> Gray, 1837
Dipodidae		White-sided Jackrabbit	<i>Lepus callotis</i> Wagler, 1830
Meadow Jumping Mouse	<i>Zapus hudsonius</i> (Zimmermann, 1780)	White-tailed Jackrabbit	<i>Lepus townsendii</i> Bachman, 1839
Western Jumping Mouse	<i>Zapus princeps</i> J. A. Allen, 1893	Desert Cottontail	<i>Sylvilagus audubonii</i> (Baird, 1857)
Cricetidae		Manzano Mountain Cottontail	<i>Sylvilagus cognatus</i> Nelson, 1907
Northern Pygmy Mouse	<i>Baiomys taylori</i> (Thomas, 1887)	Eastern Cottontail	<i>Sylvilagus floridanus</i> (J. A. Allen, 1890)
Long-tailed Vole	<i>Microtus longicaudus</i> (Merriam, 1888)	Holzner's Cottontail	<i>Sylvilagus holzneri</i> (Mearns, 1896)
Mogollon Vole	<i>Microtus mogollonensis</i> (Mearns, 1890)	Mountain Cottontail	<i>Sylvilagus nuttallii</i> (Bachman, 1837)
Montane Vole	<i>Microtus montanus</i> (Peale, 1848)	Robust Cottontail	<i>Sylvilagus robustus</i> (V. Bailey, 1905)
Prairie Vole	<i>Microtus ochrogaster</i> (Wagner, 1842)		
Meadow Vole	<i>Microtus pennsylvanicus</i> (Ord, 1815)	<b>SORICOMORPHA</b> —shrews, moles, solenodons	
Southern Red-backed Vole	<i>Myodes gapperi</i> (Vigors, 1830)	Soricidae	
White-throated Woodrat	<i>Neotoma albigula</i> Hartley, 1894	North American Least Shrew	<i>Cryptotis parva</i> (Say, 1823)
Bushy-tailed Woodrat	<i>Neotoma cinerea</i> (Ord, 1815)	Crawford's Gray Shrew	<i>Notiosorex crawfordi</i> (Coues, 1877)
White-toothed Woodrat	<i>Neotoma leucodon</i> Merriam, 1894	Arizona shrew	<i>Sorex arizonae</i> Diersing & Hoffmeister, 1977
Mexican Woodrat	<i>Neotoma mexicana</i> Baird, 1855	Cinereus Shrew	<i>Sorex cinereus</i> Kerr, 1792
Southern Plains Woodrat	<i>Neotoma micropus</i> Baird, 1855	Merriam's Shrew	<i>Sorex merriami</i> Dobson, 1890
Stephens's Woodrat	<i>Neotoma stephensi</i> Goldman, 1905	Dusky Shrew	<i>Sorex monticolus</i> Merriam, 1890
Common Muskrat	<i>Ondatra zibethicus</i> (Linnaeus, 1766)	Dwarf Shrew	<i>Sorex nanus</i> Merriam, 1895
Chihuahuan Grasshopper Mouse	<i>Onychomys arenicola</i> Mearns, 1896	New Mexico Shrew	<i>Sorex neomexicanus</i> Bailey, 1913
Northern Grasshopper Mouse	<i>Onychomys leucogaster</i> (Wied-Neuwied, 1841)	American Water Shrew	<i>Sorex palustris</i> Richardson, 1828
Southern Grasshopper Mouse	<i>Onychomys torridus</i> (Coues, 1874)	Preble's Shrew	<i>Sorex preblei</i> Jackson, 1922
Brush Deermouse	<i>Peromyscus boylii</i> (Baird, 1855)		
Canyon Deermouse	<i>Peromyscus crinitus</i> (Merriam, 1891)	<b>CHIROPTERA</b> —bats	
Cactus Deermouse	<i>Peromyscus eremicus</i> (Baird, 1857)	Phyllostomidae	
Saxicoline Deermouse	<i>Peromyscus gratus</i> Merriam, 1898	Mexican Long-tongued Bat	<i>Choeronycteris mexicana</i> Tschudi, 1844
White-footed Deermouse	<i>Peromyscus leucopus</i> (Rafinesque, 1818)	Curacaoan Long-nosed Bat	<i>Leptonycteris curasoae</i> Miller, 1900
North American Deermouse	<i>Peromyscus maniculatus</i> (Wagner, 1845)	Mexican Long-nosed Bat	<i>Leptonycteris nivalis</i> (Saussure, 1860)
Northern Rock Deermouse	<i>Peromyscus nasutus</i> (J. A. Allen, 1891)	Molossidae	
White-ankled Deermouse	<i>Peromyscus pectoralis</i> Osgood, 1904	Greater Bonneted Bat	<i>Eumops perotis</i> (Schinz, 1821)
Piñon Deermouse	<i>Peromyscus truei</i> (Shufeldt, 1885)	Pocketed Free-tailed Bat	<i>Nyctinomops femorosaccus</i> (Merriam, 1889)
Western Heather Vole	<i>Phenacomys intermedius</i> Merriam, 1889	Big Free-tailed Bat	<i>Nyctinomops macrotis</i> (Gray, 1840)
Fulvous Harvest Mouse	<i>Reithrodontomys fulvescens</i> J. A. Allen, 1894	Brazilian Free-tailed Bat	<i>Tadarida brasiliensis</i> (I. Geoffroy, 1824)
Western Harvest Mouse	<i>Reithrodontomys megalotis</i> (Baird, 1857)	Vespertilionidae	
Plains Harvest Mouse	<i>Reithrodontomys montanus</i> (Baird, 1855)	Pallid Bat	<i>Antrozous pallidus</i> (Le Conte, 1856)
Arizona Cotton Rat	<i>Sigmodon arizonae</i> Mearns, 1890	Townsend's Big-eared Bat	<i>Corynorhinus townsendii</i> (Cooper, 1837)
Tawny-bellied Cotton Rat	<i>Sigmodon fulviventris</i> J. A. Allen, 1889	Big Brown Bat	<i>Eptesicus fuscus</i> (Beauvois, 1796)
Hispid Cotton Rat	<i>Sigmodon hispidus</i> Say & Ord, 1825	Spotted Bat	<i>Euderma maculatum</i> (J. A. Allen, 1891)
Yellow-nosed Cotton Rat	<i>Sigmodon ochrognathus</i> V. Bailey, 1902	Allen's Big-eared Bat	<i>Idionycteris phyllotis</i> (G. M. Allen, 1916)
Muridae		Silver-haired Bat	<i>Lasionycteris noctivagans</i> (Le Conte, 1831)
House Mouse <sup>1</sup>	<i>Mus musculus</i> Linnaeus, 1758	Western Red Bat	<i>Lasiurus blossevillii</i> (Lesson & Garnot, 1826)
Brown Rat <sup>1</sup>	<i>Rattus norvegicus</i> (Berkenhout, 1769)	Eastern Red Bat	<i>Lasiurus borealis</i> (Müller, 1776)
Roof Rat <sup>1</sup>	<i>Rattus rattus</i> (Linnaeus, 1758)	Hoary Bat	<i>Lasiurus cinereus</i> (Palisot de Beauvois, 1796)
Erethizontidae		Western Yellow Bat	<i>Lasiurus xanthinus</i> (Thomas, 1897)
North American Porcupine	<i>Erethizon dorsatum</i> (Linnaeus, 1758)	Southwestern Myotis	<i>Myotis auriculus</i> Baker & Stains, 1955
Capromyidae		California Myotis	<i>Myotis californicus</i> (Audubon & Bachman, 1842)
Coypu <sup>1</sup>	<i>Myocastor coypus</i> (Molina, 1782)	Western Small-footed Myotis	<i>Myotis ciliolabrum</i> (Merriam, 1886)