

Carlsbad Caverns

National Park Service
U.S. Department of the Interior

Carlsbad Caverns National Park
New Mexico



Checklist of the Mammals of Carlsbad Caverns National Park *January 2007*



INSECTIVORA: Insectivores

SORICIDAE: Shrews

Notiosorex crawfordi desert shrew

CHIROPTERA: Bats

VESPERTILIONIDAE: Vesper bats

Antrozous pallidus pallidus pallid bat

Corynorhinus townsendii pallescens Townsend's big-eared bat

Eptesicus fuscus pallidus big brown bat

Lasionycteris noctivagans silver-haired bat

Lasiurus borealis eastern red bat

Lasiurus cinereus cinereus hoary bat

Myotis californicus californicus California myotis bat

Myotis ciliolabrum melanorhinus western small-footed myotis bat

Myotis thysanodes thysanodes fringed myotis bat

Myotis velifer incautus cave myotis bat

Myotis volans interior long-legged myotis bat

Myotis yumanensis Yuma myotis bat (known only from park skeletal material)

Pipistrellus hesperus maximus western pipistrelle bat

Pipistrellus subflavus subflavus eastern pipistrelle bat

MOLOSSIDAE: Free-tailed bats

Nyctinomops femorosaccus pocketed free-tailed bat

Nyctinomops macrotis big free-tailed bat

Tadarida brasiliensis mexicana Brazilian free-tailed bat

CARNIVORA: Carnivores

CANIDAE: Dogs, foxes, wolves

Canis latrans texensis coyote

Urocyon cinereoargenteus scottii gray fox

Vulpes macrotis neomexicana kit fox

FELIDAE: Cats

Lynx rufus texensis bobcat

Puma concolor mountain lion

MUSTELIDAE: Weasels, otters, and badgers

Mustela frenata neomexicana long-tailed weasel

Taxidea taxus berlandieri American badger

MEPHITIDAE: Skunks

Conepatus leuconotus leuconotus white-backed hog-nosed skunk

Mephitis mephitis varians striped skunk

Spilogale gracilis leucoparia spotted skunk

PROCYONIDAE: Raccoons, ringtails, coatis

Bassariscus astutus flavus ringtail

Procyon lotor mexicanus raccoon

URSIDAE: Bears

Ursus americanus amblyceps black bear

ARTIODACTYLA: Even-toed ungulates

TAYASSUIDAE: Peccaries

Pecari tajacu angulatus collared peccary, javelina

CERVIDAE: Deer

Cervus canadensis nelsoni Rocky Mountain elk (I--subspecies)

Odocoileus hemionus crooki mule deer

ANTILOCAPRIDAE: Pronghorn

Antilocapra americana americana pronghorn

BOVIDAE: Cattle, antelopes, sheep, and goats

Ammotragus lervia Barbary sheep, aoudad (I)

RODENTIA: Rodents

SCIURIDAE: Squirrels

Ammospermophilus interpres Texas antelope squirrel

Sciurus niger rufiventer eastern fox squirrel (I)

Spermophilus mexicanus parvidens Mexican ground squirrel

Spermophilus spilosoma marginatus spotted ground squirrel

Spermophilus variegatus grammurus rock squirrel

Neotamias canipes canipes gray-footed chipmunk

GEOMYIDAE: Pocket gophers

Cratogeomys castanops lacrimalis yellow-faced pocket gopher

Thomomys bottae pectoralis Botta's pocket gopher

HETEROMYIDAE: Pocket mice and kangaroo rats

Chaetodipus eremicus eremicus Chihuahuan Desert pocket mouse

Chaetodipus hispidus paradoxus hispid pocket mouse

Chaetodipus nelsoni canescens Nelson's pocket mouse

Dipodomys merriami ambiguus Merriam's kangaroo rat

Dipodomys spectabilis baileyi banner-tailed kangaroo rat

Perognathus flavus flavus silky pocket mouse

MURIDAE: Mice, rats, and voles

Mus musculus house mouse (I)
Neotoma leucodon melas eastern white-throated woodrat
Neotoma mexicana scopulorum Mexican woodrat
Neotoma micropus canescens southern plains woodrat
Onychomys arenicola arenicola Mearns' grasshopper mouse
Peromyscus boylii rowleyi brush mouse
Peromyscus eremicus eremicus cactus mouse
Peromyscus leucopus tornillo white-footed mouse
Peromyscus maniculatus blandus deer mouse
Peromyscus nasutus nasutus northern rock mouse
Peromyscus pectoralis laceianus white-ankled mouse
Reithrodontomys megalotis megalotis western harvest mouse
Reithrodontomys montanus griseus plains harvest mouse
Sigmodon hispidus berlandieri hispid cotton rat

ERETHIZONTIDAE: New World porcupines

Erethizon dorsatum epixanthum North American porcupine

LAGOMORPHA: Pikas, hares, and rabbits

LEPORIDAE: Hares and rabbits

Lepus californicus texianus black-tailed jack rabbit
Sylvilagus audubonii neomexicanus desert cottontail

67 species

“(I)” = introduced species to Carlsbad Caverns National Park

Desert shrew photograph, NPS 2004.

Checklist compiled by Steve West and David Roemer, June 2006.

Most information for this list comes from checklists compiled by Dr. Ken Geluso and Steve West. Selected references for more reading on the distributions and habitats of these mammals are listed below. This list was compiled by David Roemer, November 1999. Updated by D. Roemer, August 2002, and 2004, when two new species were found. Last updated November 2006.

Classification and nomenclature follow Frey, J.K. 2004. Taxonomy and distribution of the mammals of New Mexico: an annotated checklist. Occasional Papers, Museum of Texas Tech University, 240:1-32.

Extirpated Species (from park):

Ovis canadensis bighorn sheep
Canis lupus gray wolf (no park records)
Ursus arctos grizzly bear (no park records)
Bos bison American bison (no park records)

Cynomys ludovicianus black-tailed prairie dog (no park records)

Ondatra zibethicus muskrat (no park records)

Castor canadensis American beaver (no park records)

Extinct Species:

Cervus elaphus merriamii Merriam's elk

Possible Species (not confirmed in park):

Euderma maculatum spotted bat

Peromyscus truei piñon mouse

Chaetodipus intermedius rock pocket mouse

Dipodomys ordii Ord's kangaroo rat

Didelphis virginiana Virginia opossum

Microtus mogollonensis Mogollon vole

Sylvilagus floridanus eastern cottontail

Selected References:

Bailey, V. 1928. Animal life of the Carlsbad Cavern. Monograph No. 3 of the American Society of Mammalogists. 195 pp.

Bailey, V. 1932. Mammals of New Mexico. North American Fauna 53:1-412.

Findley, J.S. 1987. The Natural History of New Mexican mammals. University of New Mexico Press, Albuquerque. 164 pp.

Findley, J.S., A.H. Harris, D.E. Wilson, and C. Jones. 1975. Mammals of New Mexico. University of New Mexico Press, Albuquerque. 360 pp.

Geluso, K.N. 1992. Rodents of Carlsbad Caverns National Park. Final report. 141 pp.

Geluso, K.N. 1993. Mammals of Carlsbad Caverns National Park: An annotated checklist. Final report. 77 pp.

Geluso, K.N., J.S. Altenbach, and D.E. Wilson. 1987. Bats of Carlsbad Caverns National Park. Carlsbad Caverns Natural History Association. 33 pp.

Geluso, K.N., and K. Geluso. 2004. Mammals of Carlsbad Caverns National Park, New Mexico. Bulletin of the University of Nebraska State Museum, Vol. 17. Lincoln. 180 pp.

Genoways, H.H., R.J. Baker, and J.E. Cornely. 1979. Mammals of the Guadalupe Mountains National Park, Texas. Pp. 217-332 in Biological investigations in the Guadalupe Mountains National Park, Texas. Genoways, H.H. and R.J. Baker (eds.). Proceedings and Transactions No. 4. National Park Service. 442pp.

Roemer, D. 2004. Big Summer for Mammals at Carlsbad Caverns. Canyons & Caves, A newsletter from the Resources Stewardship & Science Division. No. 34, pg. 4.

Schmidly, D.J. 1977. The Mammals of Trans-Pecos Texas. Texas A&M University Press, College Station. 225 pp.

West, S. 1985. Mammals: An Annotated Checklist for Carlsbad Caverns National Park. Carlsbad Caverns Natural History Association. 14 pp.