

COMMON NAME

SCIENTIFIC
NAME

HABITAT

EVEN-TOED HOOFED MAMMALS (*ARTIODACTYLA*)

elk	<i>Cervus elaphus</i>	montane grass
mule deer	<i>Odocoileus hemionus</i>	open terrain, shrub
pronghorn	<i>Antilocapra americana</i>	open grassland

A M P H I B I A N S

tiger salamander	<i>Ambystoma tigrinum</i>	playas, ponds
Western spadefoot	<i>Scaphiopus hammondi</i>	playas, ponds
red-spotted toad	<i>Bufo punctatus</i>	rocky areas
Woodhouse's toad	<i>Bufo woodhousei</i>	sandy areas
Great Plains toad	<i>Bufo cognatus</i>	grasslands
leopard frog	<i>Rana pipiens</i>	ponds, permanent water

R E P T I L E S

lesser earless lizard	<i>Holbrookia maculata</i>	sandy washes
collared lizard	<i>Crotaphytus collaris</i>	rocky areas
leopard lizard	<i>Crotaphytus wislizeni</i>	sparse vegetation
eastern fence lizard	<i>Sceloporus undulatus</i>	all habitats
short-horned lizard	<i>Phrynosoma douglassi</i>	fine, loose sand
tree lizard	<i>Uta ornata</i>	trees
side-blotched lizard	<i>Uta stansburiana</i>	
Great Plains skink	<i>Eumeces obsoletus</i>	shrub
many lined skink	<i>Eumeces multivirgatus</i>	near water
Chihuahua whiptail	<i>Cnemidophorus exsanguis</i>	canyon bottoms, oak
racer	<i>Coluber constrictor</i>	sandstone outcrops
night snake	<i>Hypsiglena torquata</i>	rocky areas

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desert striped whipsnake	<i>Masticophis taeniatus</i>	open pinyon/ juniper
gopher snake	<i>Pituophis catenifer</i>	
black-necked garter snake	<i>Thamnophis cyrtopsis</i>	rocky, water
western garter snake	<i>Thamnophis elegans</i>	water
western diamond- back rattlesnake	<i>Crotalus atrox</i>	
prairie rattlesnake	<i>Crotalus viridis</i>	

Observer: _____ Date: _____

Address: _____

Locality of animal: _____

Remarks: _____

Please help us out! If you would like to report any species not mentioned on this list, please contact:

El Malpais National Monument/National Conservation Area
P.O. Box 939
Grants, New Mexico 87020

SOUTHWEST
PARKS AND
MONUMENTS
ASSOCIATION

A CHECKLIST OF THE FAUNA

OF

EL MALPAIS NATIONAL MONUMENT AND
NATIONAL CONSERVATION AREA

Compiled by Cindy Ott-Jones

FIFTY CENTS



NEW MEXICO

PUBLISHED BY SOUTHWEST PARKS AND MONUMENTS ASSOCIATION
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1990

El Malpais National Monument and National Conservation Area, over 376,000 acres in size, is best known for its geologic and volcanic formations. Despite the rugged terrain and lack of surface water, a variety of animal species make their homes in the badlands. This listing is not complete due to the area's newly established designation as a national monument and national conservation area. Local Bureau of Land Management and U.S. Forest Service listings were used to compile this list. We welcome you to use the comment section on the back page to assist us in the continuous revision of this checklist.

The dominant vegetative type classes used to identify habitats in the El Malpais area are as follows:

Lava: This class is not bare lava but is characterized by ponderosa pine, pinyon pine, juniper species and shrubs scattered over the surface. On the lava, trees tend to be stunted.

Grass/shrub: Characterized by blue grama in sod habit interspersed with forbs, mixed grasses, and shrubs.

Shrub/conifer: This class is typified by open mixed conifer with a grass, shrub understory. Open shrub grass meadows intersperse with the mixed conifer areas forming a mosaic. Elevations start at 6,800 feet advancing to over 8,000 feet.

Mixed conifer: Very similar to the shrub/conifer class but the areas covered by trees are proportionately thicker and larger than the small meadows interspersed between tree patches.

Pinyon/juniper woodland: Characterized by a thick growth of mature to nearly decayed trees. This class is patchy with very small areas represented in the area.

Deciduous: Characterized by stands of oaks, and groves of aspens. Like the pinyon/juniper class, this class represents a very small area.

Ponderosa parkland: This class is typified by large, mature (over fifty years old) ponderosa pines standing widely separated in grassy meadows.

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M A M M A L S		
BATS (CHIROPTERA)		
Little brown myotis	<i>Myotis lucifugus</i>	permanent water
Long-eared myotis	<i>Myotis evotis</i>	ponderosa
Fringed myotis	<i>Myotis thysanodes</i>	ponderosa/grass
Long-legged myotis	<i>Myotis volans</i>	ponderosa/grass
Small-footed myotis	<i>Myotis leibii</i>	ponderosa spruce/fir
Silver-haired bat	<i>Lasionycteris noctivagans</i>	migratory
Western pipistrel	<i>Pipistrellus hesperus</i>	cliffs/grassland
Big brown bat	<i>Eptesicus fuscus</i>	ponderosa pinyon/juniper
Hoary bat	<i>Lasiurus cinereus</i>	woodland
Townsend's big-eared bat	<i>Plecotus townsendii</i>	hibernation
Pallid bat	<i>Antrozous pallidus</i>	grass/rocky
Mexican free-tailed bat	<i>Tadarida brasiliensis</i>	grass/pinon juniper
CARNIVORES (CARNIVORA)		
black bear	<i>Ursus americanus</i>	forests
raccoon	<i>Procyon lotor</i>	
ringtail	<i>Bassaris astutus</i>	cliffs, grasslands
black-footed ferret*	<i>Mustela nigripes</i>	grasslands
badger	<i>Taxidea taxus</i>	grasslands
striped skunk	<i>Mephitis mephitis</i>	all habitats
coyote	<i>Canis latrans</i>	grasslands
gray fox	<i>Urocyon cinereoargenteus</i>	broken country/low woodland
mountain lion	<i>Felis concolor</i>	broken terrain
bobcat	<i>Lynx rufus</i>	all habitats
GNAWING MAMMALS (RODENTIA)		
Colorado chipmunk	<i>Eutamias quadrivittatus</i>	ponderosa/rocky
cliff chipmunk	<i>Eutamias dorsalis</i>	ponderosa/pinyon
rock squirrel	<i>Citellus variegatus</i>	broken terrain juniper

*potential to occur

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Gunnison's prairie dog	<i>Cynomys gunnisoni</i>	grass meadows
Abert's squirrel	<i>Sciurus aberti</i>	mixed conifer
red squirrel	<i>Tamiasciurus hudsonicus</i>	mixed conifer
Botta's pocket gopher	<i>Thomomys bottae</i>	suitable soils
silky pocket mouse	<i>Perognathus flavus</i>	grass, open pinyon/juniper
plains pocket mouse	<i>Perognathus flavescens</i>	sandy grassland
Ord's kangaroo rat	<i>Dipodomys ordii</i>	suitable soils
Banner-tailed kangaroo rat	<i>Dipodomys spectabilis</i>	grassland
W. harvest mouse	<i>Reithrodontomys megalotis</i>	all habitats
deer mouse	<i>Peromyscus maniculatus</i>	ponderosa/shrub
brush mouse	<i>Peromyscus boylei</i>	shrub, rocky soils
piñon mouse	<i>Peromyscus truei</i>	pinyon/juniper woodland
rock mouse	<i>Peromyscus difficilis</i>	pinyon/juniper oak-rubble
N. grasshopper mouse	<i>Onychomys leucogaster</i>	sandy grassland
white-throated woodrat	<i>Neotoma albigula</i>	all habitats
S. plains woodrat	<i>Neotoma micropus</i>	rocky foothill
Stephen's woodrat	<i>Neotoma stephensi</i>	rock-pinyon juniper
Mexican woodrat	<i>Neotoma mexicana</i>	mixed conifer
meadow vole	<i>Microtus pennsylvanicus</i>	grass-sedge/water
porcupine	<i>Erethizon dorsatum</i>	woodland
black-tailed jackrabbit	<i>Lepus californicus</i>	grass shrub
cottontail	<i>Sylvilagus auduboni</i>	grass/pinyon juniper
montane cottontail	<i>Sylvilagus floridanus</i>	ponderosa, higher elevations