

CHECKLIST OF MAMMALS

JOSHUA TREE NATIONAL MONUMENT, CALIFORNIA

Compiled by John E. Cornely
Department of Biological Sciences
Northern Arizona University
Flagstaff, Arizona 86001

Joshua Tree National Monument, established in 1936, consists of approximately 233,954 hectares (577,000 acres) of Mohave and Colorado Desert. Elevations within the monument range from about 305 meters (1000 feet) in the Pinto Basin to 1772 meters (5814 feet) at the summit of Quail Mountain in the Little San Bernardino Mountains.

For the purposes of this checklist, three broad habitat types have been recognized: low desert (305 to 914 meters), high desert (914 to 1280 meters) and pinon woodland (1280 to 1772 meters). These correspond to the creosote bush, yucca and pinon belts described by Miller and Stebbins (Lives of Desert Animals of Joshua Tree National Monument, Univ. California Press, 1964. 452 pp.).

This checklist includes 46 species which have been reported from Joshua Tree National Monument and 12 additional species which may occur there but have not been verified. The status and habitat codes below refer only to Joshua Tree National Monument and not to the entire geographic range of a particular species.

Status

C Common
U Uncommon
R Rare
P Possibly Occurs

Habitat

L Low Desert
H High Desert
P Pinon Woodland

INSECTIVORES - ORDER INSECTIVORA

Shrews - Family Soricidae

Desert Shrew

Notiosorex crawfordi P

BATS - ORDER CHIROPTERA

Leaf-nosed Bats - Family Phyllostomatidae

California Leaf-nosed Bat

Macrotus californicus U L

Insectivorous Bats - Family Vespertilionidae

Yuma Myotis

Myotis yumanensis P

Long-eared Myotis

Myotis evotis P

Fringed Myotis

Myotis thysanodes U P

Long-legged Myotis

Myotis volans U P

California Myotis

Myotis californicus C H, P

Small-footed Myotis

Myotis leibii P

Western Pipistrelle

Pipistrellus hesperus C L, H, P

Big Brown Bat

Eptesicus fuscus C L, H, P

Red Bat

Lasiurus borealis P

Hoary Bat

Lasiurus cinereus U P

Southern Yellow Bat

Lasiurus ega R H

Spotted Bat

Euderma maculata R L

Townsend's Big-eared Bat

Plecotus townsendii P

Pallid Bat

Antrozous pallidus C L, H

Free-tailed Bats - Family Molossidae

Brazilian Free-tailed Bat

Tadarida brasiliensis P

Pocketed Free-tailed Bat

Tadarida femorosacca R P

Big Free-tailed Bat

Tadarida macrotis P

Western Mastiff Bat

Eumops perotis P

LAGOMORPHS - ORDER LAGOMORPHA

Hares and Rabbits - Family Leporidae

Desert Cottontail

Sylvilagus audubonii C L, H, P

Black-tailed Jackrabbit

Lepus californicus C L, H, P

Status Habitat

RODENTS - ORDER RODENTIA

Squirrels - Family Sciuridae

Merriam's Chipmunk			
<u>Eutamias merriami</u>	U		P
White-tailed Antelope Squirrel			
<u>Ammospermophilus leucurus</u>	C	L, H,	P
California Ground Squirrel			
<u>Spermophilus beecheyi</u>	C	H,	P
Round-tailed Ground Squirrel			
<u>Spermophilus tereticaudus</u>	U		L

Pocket Gophers - Family Heteromyidae

Botta's Pocket Gopher			
<u>Thomomys bottae</u>	C	L, H,	P

Heteromyids - Family Heteromyidae

Little Pocket Mouse			
<u>Perognathus longimembris</u>	C	L, H,	P
Long-tailed Pocket Mouse			
<u>Perognathus formosus</u>	U	L,	H
Desert Pocket Mouse			
<u>Perognathus penicillatus</u>	U	L,	H
San Diego Pocket Mouse			
<u>Perognathus fallax</u>	C	L, H,	P
Spiny Pocket Mouse			
<u>Perognathus spinatus</u>	U	L,	H
Chisel-toothed Kangaroo Rat			
<u>Dipodomys micropus</u>	R	H,	P

Status Habitat

Desert Kangaroo Rat			
<u>Dipodomys deserti</u>	U		L
Merriam's Kangaroo Rat			
<u>Dipodomys merriami</u>	C	L,	H

New World Rats and Mice - Family Cricetidae

Cactus Mouse			
<u>Peromyscus eremicus</u>	C	L,	H
Deer Mouse			
<u>Peromyscus maniculatus</u>	U	H,	P
Canyon Mouse			
<u>Peromyscus crinitus</u>	C	L, H,	P
Brush Mouse			
<u>Peromyscus boylii</u>	U		P
Pinon Mouse			
<u>Peromyscus truei</u>	C		P
Southern Grasshopper Mouse			
<u>Onychomys torridus</u>	U	H,	P
White-throated Woodrat			
<u>Neotoma albigula</u>	U		H
Desert Woodrat			
<u>Neotoma lepida</u>	C	L, H,	P
Dusky-footed Woodrat			
<u>Neotoma fuscipes</u>	U		P

Old world Rats and Mice - Family Muridae

House Mouse			
<u>Mus musculus</u>	U	L,	H

CARNIVORES - ORDER CARNIVORA

Canids - Family Canidae

Coyote

Canis latrans C L, H, P

Kit Fox

Vulpes macrotis U L, H

Gray Fox

Urocyon cinereoargenteus C H, P

Procyonids - Family Procyonidae

Ringtail

Bassariscus astutus P

Weasels and Relatives - Family Mustelidae

Long-tailed Weasel

Mustela frenata P

Badger

Taxidea taxus U L, H

Western Spotted Skunk

Spilogale gracilis R P

Striped Skunk

Mephitis mephitis P

Cats - Family Felidae

Mountain Lion

Felis concolor R P

Bobcat

Felis rufus C L, H, P

EVEN-TOED UNGULATES - ORDER ARTIODACTYLA

Deer and Relatives - Family Cervidae

Mule Deer

Odocoileus hemionus U P

Bovids - Family Bovidae

Mountain Sheep

Ovis canadensis U H, P

FIELD NOTES

ARTIODACTYLA - ORDER ARTIODACTYLA

Deer and Relatives - Family Cervidae

Mule Deer

Odocoileus hemionus

Deer - Family Bovidae

Mountain Sheep

Ovis canadensis

Deer - Family Bovidae

Elk

Cervus canadensis

Deer - Family Bovidae

White-tailed Deer

Odocoileus virginianus

Deer - Family Bovidae

Caribou

Rangifer tarandus

Deer - Family Bovidae

Reindeer

Rangifer tarandus