



Species Endemic to New Mexico

This list is compiled from NMDGF BISON-M list of species endemic to New Mexico.

en-dem·ic: Restricted to a specified region or locality.

“A species found naturally only in a single geographic area and no other place is said to be endemic to that location. Expansions in species distributions caused deliberately or accidentally by humans are not considered part of the species’ natural distribution.

Endemism is extremely important in the process of extinction. If the population of an endemic species... becomes extinct, the species will be globally extinct.” –Primack 1998

<u>Taxon</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>NMDGF Status</u>
Amph	Jemez Mountains Salamander	<i>Plethodon neomexicanus</i>	E
Amph	Sacramento Mountain Salamander ...	<i>Aneides hardii</i>	T
Fish	White Sands Pupfish	<i>Cyprinodon tularosa</i>	T
Invert	Alamosa Springsnail	<i>Pseudotryonia alamosae</i>	E
Invert	Chupadera Springsnail	<i>Pyrgulopsis chupaderae</i>	E
Invert	Roswell Springsnail	<i>P. roswellensis</i>	E
Invert	Socorro Springsnail	<i>P. neomexicana</i>	E
Invert	Koster’s Springsnail	<i>Juturnia kosteri</i>	E
Invert	Noel’s Amphipod	<i>Gammarus desperatus</i>	E
Invert	Socorro Isopod	<i>Thermosphaeroma thermophilum</i>	E
Invert	Cook’s Peak Woodlandsnail	<i>Ashmunella macromphala</i>	T
Invert	Hacheta Grande Woodlandsnail	<i>A. hebardi</i>	T
Invert	Dona Ana Talussnail	<i>Sonorella todseni</i>	T
Invert	Gila Springsnail	<i>Pyrgulopsis gilae</i>	T
Invert	New Mexico Springsnail	<i>Pyrgulopsis thermalis</i>	T
Invert	Pecos Springsnail	<i>Pyrgulopsis pecosensis</i>	T
Invert	Mineral Creek Mountainsnail	<i>Oreohelix pilsbryi</i>	T
Invert	Sangre De Cristo Peaclam	<i>Pisidium sanguinichristi</i>	T
Invert	Cloudcroft Checkerspot Butterfly	<i>Euphydryas anicia cloudcrofti</i>	S
Invert	Socorro Mountainsnail	<i>Oreohelix neomexicana</i>	S
Mammal	Penasco Least Chipmunk	<i>Neotamias minimus atristriatus</i>	E
Mammal	Southern Pocket Gopher	<i>Thomomys umbrinus emotus</i>	T
Mammal	Cebolleta Pocket Gopher	<i>T. bottae paguatae</i>	S
Mammal	Botta’s Pocket Gopher	<i>T. b. actuosus</i>	S
Mammal	Botta’s Pocket Gopher	<i>T. b. collis</i>	S
Mammal	Botta’s Pocket Gopher	<i>T. b. connectens</i>	S
Mammal	Botta’s Pocket Gopher	<i>T. b. morulus</i>	S
Mammal	Botta’s Pocket Gopher	<i>T. b. opulentus</i>	S
Mammal	Botta’s Pocket Gopher	<i>T. b. planorum</i>	S
Mammal	Botta’s Pocket Gopher	<i>T. b. ruidosae</i>	S
Mammal	Botta’s Pocket Gopher	<i>T. b. tularosae</i>	S
Mammal	Northern Pocket Gopher	<i>T. talpoides taylori</i>	S
Mammal	Desert Pocket Gopher	<i>Geomys arenarius</i>	S
Mammal	Goat Peak Pika	<i>Ochotona princeps nigrescens</i>	S
Mammal	Gray-footed Chipmunk	<i>Neotamias canipes sacramentoensis</i>	S
Mammal	Red Squirrel	<i>Tamiasciurus hudsonicus lychnuchus</i>	S
Mammal	Mexican Wood Rat	<i>Neotoma mexicana atrata</i>	S
Mammal	Plains Pocket Mouse	<i>Perognathus flavescens gypsi</i>	S

...continued



(ENDEMIC SPECIES WITH STATE LISTING STATUS, continued)

<u>Taxon</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>NMDGF Status</u>
Mammal	Rock Pocket Mouse	<i>Chaetodipus intermedius ater</i>	S
Mammal	Rock Squirrel	<i>Spermophilus variegatus tularosae</i>	S
Mammal	White-throated Wood Rat	<i>Neotoma albigula melas</i>	S
Reptile	Bleached Earless Lizard	<i>Holbrookia maculata ruthveni</i>	S
Reptile	Little White Whiptail	<i>Aspidoscelis gypsi</i>	S
Reptile	Southwestern Fence Lizard	<i>Sceloporus cowlesi</i>	S

Total Endemics with Listing Status from N.M. Department of Game and Fish: N = 44

State Endangered N=9 Threatened N = 11 Sensitive N = 24

Note that only those species listed as Endangered are fully protected under Title 19 (19 NMAC 33.2)

Additional Endemics in New Mexico: N = 30

The following species noted by the Department (BISON-M 2006) are also endemic to New Mexico, but presently carry no official listing status from the N.M. Department of Game and Fish.

<u>Taxon</u>	<u>Common Name</u>	<u>Scientific Name</u>
Bird	NM Sharp-tailed Grouse	<i>Tympanuchus phasianellus hueyi</i>
Insect	Cricket	<i>Ammobaenetes arenicolus</i>
Insect	Cricket	<i>Ammobaenetes</i> sp.
Insect	Cricket	<i>Ceuthophilus leptopus</i>
Insect	Cricket	<i>C. mescalero</i>
Insect	Mayfly	<i>Lachlania dencyannae</i>
Insect	Grasshopper	<i>Trimerotropis</i>
Insect	Jerusalem Cricket	<i>Stenopelmatus mescaleroensis</i>
Insect	Long-horned Grasshopper	<i>Plagiostira mescaleroensis</i>
Insect	Neobine Cricket	<i>Eunemobius</i>
Invert	Bishop Tubeshell Snail	<i>Coelostemma pyrgonasta</i>
Invert	Black Rainge Mountainsnail	<i>Oreohelix metcalfei cuchillensis</i>
Invert	Animas Peak Woodlandsnail	<i>Ashmunella animasensis</i>
Invert	Dry Creek Woodlandsnail	<i>A. tetrodon fragilis</i>
Invert	Florida Mountain Woodlandsnail	<i>A. walkeri</i>
Invert	Goat Mountain Woodlandsnail	<i>A. harrisi</i>
Invert	Jemez Woodlandsnail	<i>A. ashmuni</i>
Invert	Maple Canyon Woodlandsnail	<i>A. todseni</i>
Invert	Mount Riley Woodlandsnail	<i>A. rileyensis</i>
Invert	Woodlandsnail	<i>A. amblya cornudasensis</i>
Invert	Holospira Metcalf Snail	<i>Holospira metcalfi</i>
Invert	Fringed Mountainsnail	<i>Radiocentrum ferrissi</i>
Invert	New Mexico Talussnail	<i>Sonorella hachitana peloncillensis</i>
Invert	Mountainsnail	<i>Oreohelix nogalensis</i>
Invert	Pinos Altos Mountainsnail	<i>O. confragosa</i>
Invert	San Augustin Mountainsnail	<i>O. litoralis</i>
Invert	Florida Mountainsnail	<i>O. florida</i>
Mammal	Botta's Pocket Gopher	<i>Thomomys bottae</i> —
Mammal	Eastern Cottontail Rabbit	<i>Sylvilagus floridanus cognatus</i>
Mammal	Hot Springs Cotton Rat	<i>Sigmodon fulviventer goldmani</i>
Mammal	Gray-collared Chipmunk	<i>Neotamias cinereicoillis cinereus</i>
Reptile	Plains Striped Whiptail	<i>Aspidoscelis inornatus llanuras</i>
Reptile	Woodland Striped Whiptail	<i>A. i. juniperus</i>

19 NMAC 33.2. Natural Resources and Wildlife. Endangered and Protected Species. New Mexico Administrative Code [1-13-96; Recompiled 12/31/01].

Primack, R.B. 1998. Essentials of Conservation Biology; Second Edition. Sinauer Associates, Publishers. Sunderland, Massachusetts U.S.A. pgs. 155, 157.

[BISON-M] Biota Information System of New Mexico. 2006 (June 21). New Mexico Department of Game and Fish. BISON-M home page: <http://www.bison-m.org>. Accessed 21 June 2006.