



# Nevada Natural Heritage Program

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## Plant and Animal Watch List January 2019

The Nevada Natural Heritage Program (NNHP) systematically collects information on Nevada's at-risk, rare, endangered, and threatened species, providing the best single source of information on Nevada's imperiled biodiversity.

Nevada's health and economic well-being depend upon its biodiversity and wise land stewardship. This challenge increases as population and land-use pressures continue to grow. Nevada is among the top 10 states in the nation for both the diversity and the vulnerability of its living heritage. With early planning and responsible development, economic growth and our biological resources can exist side by side. NNHP is a central source for information critical to achieving this balance. Management priorities for the state's imperiled biodiversity are continually assessed, providing opportunities to prevent population losses or elevations to endangered or threatened legal status through conservation actions.

A multi-disciplinary team of scientists and data management specialists assimilates information from diverse sources including field surveys, museum collections, resource management agencies, published and unpublished reports, and knowledgeable individuals. This comprehensive inventory is maintained in a sophisticated database of spatial and tabular data, and is continually updated, refined, and subjected to quality controls.

The attached Plant and Animal Watch List outlines taxa that could be declining in Nevada or across much of their range and/or are less common than currently thought and, as a result, could become at risk in the future. This list also contains taxa that were recently removed from the At-Risk Plant and Animal Tracking List because they proved more abundant or widespread, or less vulnerable, than previously thought. Lastly, this list contains species that are included solely because they are Bureau of

Land Management (BLM) or U.S. Forest Service (USFS) management priorities, but do not meet NNHP's conservation priority criteria. These are typically taxa that are managed by BLM or USFS at different taxonomic levels (species vs. subspecies) than NNHP. Watch List taxa are not actively inventoried by NNHP; however, data are passively accumulated.

Taxa on the Plant and Animal Watch List are organized by taxonomic group, and presented alphabetically by scientific name within each group. Currently, there are 191 Watch List taxa: 91 plants, 28 invertebrates, 3 fishes, 1 amphibians, 16 reptiles, 27 birds, and 25 mammals.

Documentation of population status, locations, or other updates or corrections for any of the taxa on this list are always welcome. Literature citations with taxonomic revisions and descriptions of new taxa are also appreciated. The Nevada Native Species Site Survey Report form is available on our website under the Submit Data tab and is the preferred format for submitting information to NNHP.

This list is created and published periodically as a quick and easy reference; however, the most up-to-date species information, including the ability to create custom checklists, can be found on our website at <http://heritage.nv.gov/species/>. Other lists on the website include the At-Risk Plant and Animal Tracking List, Nevada Losses List, Nevada Endemic List and more (<http://heritage.nv.gov/species/lists.php>).



*Mimulus ovatus*. Photo by Jim Morefield

Nevada Natural Heritage Program - Plant and Animal Watch List

Scientific Name      Common Name      G Rank      S Rank      USESA      BLM      USFS      State      Endemic      CCVI

**Non-Vascular Plants**

**Bryophytes**

<i>Orthotrichum shevockii</i>	Shevock bristlemoss	G3G4	S1		S	R4S			
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**Vascular Plants**

**Ferns and Clubmosses**

<i>Botrychium lineare</i>	slender moonwort	G2G3	SNA			R4S, R5S			
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<i>Botrychium lunaria</i>	common moonwort	G5	SNR			R5S			
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<i>Botrychium minganense</i>	Mingan moonwort	G4G5	SNR			R5S			
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**Gymnosperms**

<i>Ephedra funerea</i>	Death Valley Mormon tea	G2G3	S2						
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**Dicots**

<i>Abronia nana ssp. covillei</i>	Coville abronia	G4T3	S1?			R5S			
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<i>Agastache cusickii</i>	Cusick hyssop	G3G4	S2						
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<i>Artemisia packardiae</i>	Packard mugwort	G3	S2						
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<i>Artemisia papposa</i>	Owyhee sagebrush	G4	S2						
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<i>Astragalus callithrix</i>	Callaway milkvetch	G3	S3		S				
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<i>Astragalus convallarius</i> var. <i>finitimus</i>	Pine Valley milkvetch	G5T3	S3						
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<i>Astragalus jejunus</i> var. <i>jejunus</i>	starveling milkvetch	G3T3	S2?						
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<i>Astragalus lentiginosus</i> var. <i>scorpionis</i>	scorpion milkvetch	G5T3?	S3?						
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<i>Astragalus mohavensis</i> var. <i>mohavensis</i>	Mojave milkvetch	G3G4T3T4	S2S3						
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<i>Astragalus porrectus</i>	Lahontan milkvetch	G3?	S3?		S			Y	
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<i>Astragalus pterocarpus</i>	winged milkvetch	G3	S3					Y	
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<i>Astragalus serenoii</i> var. <i>sordescens</i>	squalid milkvetch	G4T2	S2					Y	
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<i>Boechnera dispar</i>	pinyon rockcress	G3	S1S2						
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<i>Boechnera falcatoria</i>	Grouse Creek rockcress	G1G2	SNA			R4S			
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<i>Boechnera shockleyi</i>	Shockley rockcress	G3	S3			R5S			
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<i>Castilleja martinii</i> var. <i>clokeyi</i>	Clokey paintbrush	G5T3Q	S3						
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<i>Cirsium mohavense</i>	Mojave thistle	G2G3	SNR		S				
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<i>Cryptantha tumulosa</i>	New York Mountains catseye	G4	S2						
<i>Cryptantha welshii</i>	White River catseye	G3	S4					Y	
<i>Cymopterus nivalis</i>	snow wavewing	G5	S3						
<i>Cymopterus ripleyi</i> var. <i>ripleyi</i>	Ripley biscuitroot	G3G4T2?Q	S2?					Y	
<i>Draba pedicellata</i>	stalked whitlowcress	G4T3	S3					Y	
<i>Draba pedicellata</i> var. <i>pedicellata</i>	stalked whitlowcress	G3T3	S3					Y	
<i>Draba sphaeroides</i>	Elko whitlowcress	G2G3	S2					Y	MV
<i>Dudleya pulverulenta</i> ssp. <i>arizonica</i>	chalk liveforever	G4G5T4T5	S3						
<i>Epilobium canum</i> ssp. <i>garrettii</i>	hummingbird flower	G5T4	S1S2		S				
<i>Eremogone congesta</i> var. <i>wheelerensis</i>	Mount Wheeler sandwort	G5T2T3Q	S2S3					Y	
<i>Eremothera nevadensis</i>	Nevada suncup	G3	S3		S				
<i>Ericameria watsonii</i>	Watson goldenbush	G3G4	S3						
<i>Erigeron uncialis</i> var. <i>conjugans</i>	Charleston fleabane	G3G4T3?	S3?					Y	
<i>Eriogonum contiguum</i>	Amargosa buckwheat	G2	S1		C				
<i>Eriogonum darrovii</i>	Darrow buckwheat	G2G3	S2						
<i>Eriogonum esmeraldense</i> var. <i>toyabense</i>	Toiyabe buckwheat	G4T2	S3			R4S		Y	
<i>Eriogonum lemmonii</i>	Lemmon buckwheat	G3?	S3?		S			Y	
<i>Eriogonum ovalifolium</i> var. <i>caelestinum</i>	heavenly buckwheat	G5T2T3	S2S3						
<i>Eriogonum rubricaula</i>	Lahontan Basin buckwheat	G3	S3		S			Y	
<i>Eustoma exaltatum</i>	catchfly gentian	G5	S1						
<i>Ferocactus cylindraceus</i> var. <i>lecontei</i>	Mojave barrel cactus	G5T4?Q	S4				CY		
<i>Galium hilendiae</i> ssp. <i>carneum</i>	Panamint Mountains bedstraw	G4T3	S1						
<i>Gilia heterostyla</i>	Cochrane gilia	G3G4	S3S4					Y	
<i>Gilia nyensis</i>	Nye gilia	G3	S3					Y	
<i>Gilia ripleyi</i>	Ripley gilia	G3	S3						
<i>Hackelia brevicula</i>	Poison Canyon stickseed	G3	SNR			R5SP			
<i>Hackelia cusickii</i>	Cusick stickseed	G4	S1						

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<i>Hackelia ophiobia</i>	rattlesnake stickseed	G3	S2						
<i>Hackelia sharsmithii</i>	Sharsmith stickseed	G2G3	S2						
<i>Ivesia kingii</i> var. <i>kingii</i>	alkali mousetails	G4T3T4Q	S3S4		S				
<i>Ivesia sericoleuca</i>	Plumas ivesia	G2	SNA		C	R5S			
<i>Lepidium nanum</i>	dwarf peppergrass	G3	S3						
<i>Linanthus arenicola</i>	dune linanthus	G3G4	S3						
<i>Loeflingia squarrosa</i> ssp. <i>artemisiarum</i>	sagebrush pygmyleaf	G5T2T3	S1S2		S				
<i>Lomatium foeniculaceum</i> ssp. <i>inoense</i>	Inyo Mountains parsley	G5T3	S1			R5SP			
<i>Lomatium graveolens</i> var. <i>alpinum</i>	alpine stinking lomatium	G5?T3?	S2S3						
<i>Lupinus malacophyllus</i>	soft lupine	G3?	S3?					Y	
<i>Mentzelia candelariae</i>	Candelaria blazing star	G3?Q	S3?		S			Y	
<i>Mimulus angustifolius</i>	Mount Rose monkeyflower	G1?Q	S1?					Y	
<i>Mirabilis pudica</i>	bashful four o'clock	G3	S3					Y	
<i>Oxytheca watsonii</i>	Watson spinecup	G3?	S3?		S				
<i>Parthenium ligulatum</i>	low feverfew	G3	S1		S				
<i>Pedicularis semibarbata</i> var. <i>charlestonensis</i>	Charleston pinewoods lousewort	G4T3Q	S3					Y	
<i>Penstemon sudans</i>	Susanville beardtongue	G3	S1		S				
<i>Perideridia lemmonii</i>	tuni	G4?	S3?						
<i>Perityle intricata</i>	desert rockdaisy	G4T3	S3					P	
<i>Phacelia anelsonii</i>	Aven Nelson phacelia	G2G3	S1S2						
<i>Phacelia glaberrima</i>	Reese River phacelia	G3?	S3?		S			Y	
<i>Phacelia hastata</i> var. <i>charlestonensis</i>	Spring Mountains phacelia	G5T3T4	S3S4					Y	
<i>Phacelia laxiflora</i>	nodding scorpionflower	G2G3	S1						
<i>Phacelia lutea</i> var. <i>calva</i>	Owyhee phacelia	G4T3	S1						
<i>Phacelia petrosa</i>	rock phacelia	G3G4	S2						
<i>Phlox gladiformis</i>	daggerleaf phlox	G3?	S3?						
<i>Pilostyles thurberi</i>	Thurber stemsucker	G5	S1						
<i>Plagiobothrys salsus</i>	saltmarsh allocarya	G2G3	S2S3						
<i>Polygala heterorhyncha</i>	notchbeak milkwort	G3	S3						
<i>Primula cusickiana</i> var. <i>cusickiana</i>	Wallowa primrose	G4	S1						

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<i>Silene nuda</i> ssp. <i>nuda</i>	naked catchfly	G4G5T1T2Q	S1S2					Y	
<i>Sphaeromeria argentea</i>	chickensage	G3G4	S1?						
<i>Tonestus eximius</i>	Tahoe goldenheads	G3	S2						
<i>Trifolium lemmonii</i>	Lemmon clover	G3	S1						
<i>Xanthisma grindelioides</i> var. <i>depressum</i>	rayless tansy aster	G5T3T4	S3						

### Monocots

<i>Agave utahensis</i> var. <i>eborispina</i>	ivory-spined agave	G4T3Q	S3		C				
<i>Agave utahensis</i> var. <i>nevadensis</i>	Clark Mountain agave	G4T3Q	S3						
<i>Calochortus leichtlinii</i>	Leichtlin mariposa lily	G4	S3						
<i>Calochortus panamintensis</i>	Panamint mariposa lily	G3	S1						
<i>Cladium californicum</i>	California sawgrass	G4	S2			R5S			
<i>Elodea nevadensis</i>	Nevada waterweed	GHQ	SH					P	
<i>Piptatherum shoshoneanum</i>	cliff needlegrass	G2G3	S1						

## Invertebrate Animals

### Chelicerates

<i>Thermacarus nevadensis</i>	Nevada water mite	GH	SH		S			Y	
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### Mollusks

<i>Fluminicola turbiniformis</i>	turban pebblesnail	G3	S3						HV
<i>Helisoma newberryi</i>	Great Basin Rams-horn	G1	SNR			R5S			
<i>Pyrgulopsis gibba</i>	Surprise Valley pyrg	G3	S3						

### Platyhelminthes

<i>Dendrocoelopsis hymanae</i>	Lake Tahoe planarian	GNR	SNR						
<i>Phagocata tahoena</i>	Lake Tahoe planarian	G3G4	S3S4						

### Annelids

<i>Rhyacodrilus brevidentatus</i>	endemic Tahoe annelid	GNR	SNR						
<i>Spirosperma beetoni</i>	endemic Tahoe annelid	GNR	SNR						
<i>Varichaeta nevadana</i>	endemic Tahoe annelid	GNR	SNR						
<i>Varichaetadrilus minutus</i>	endemic Tahoe annelid	GNR	SNR						

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**Crustaceans**

<i>Candona tahoensis</i>	endemic Tahoe ostracod	GNR	SNR						
<i>Stygobromus lacicolus</i>	Tahoe cave obligate amphipod	G1	SNR						
<i>Stygobromus tahoensis</i>	Tahoe cave obligate amphipod	G1	SNR						

**Insects**

<i>Agabus rumpfi</i>	Death Valley agabus diving beetle	G1G3	SNA						
<i>Aphodius</i> sp. 2	Crescent Dunes aphodius scarab	G1?Q	S1?		S			Y	
<i>Danaus plexippus plexippus</i>	monarch butterfly	G4T3	SNR		S				
<i>Euphilotes ellisi basinensis</i>	Great Basin Ellis blue	G4G5T2T3	S1						
<i>Euphydryas editha tahoensis</i>	Tahoe checkerspot	G5T2T3	S1						
<i>Glaucopsyche lygdamus minipunctum</i>	small spotted silvery blue	G5T3T4	S1						
<i>Haliplus eremicus</i>	Warm Springs crawling water beetle	GNR	SNR						
<i>Hesperia uncas reeseorum</i>	Reese River skipper	G5T1T2	S1		S				
<i>Hypaurotis crysalis intermedia</i>	Colorado Hairstreak	G5T1T2	SNR		S				
<i>Ochlodes yuma lutea</i>	Great Basin yuma skipper	G5TNR	S2						
<i>Petrophila confusalis</i>	aquatic moth	GNR	S1?						
<i>Phyciodes pulchella vallis</i>	valley crescent spot	G5T4	S2						
<i>Satyrium saepium obscurofuscum</i>	dark hedgerow hairstreak	G5T1T2	S1						
<i>Speyeria mormonia artonis</i>	Artonis silverspot	G5T3T4	S1						
<i>Stenelmis occidentalis</i>	neararctic riffle beetle	G4	S1S2		S				

**Vertebrate Animals**

**Fishes**

<i>Catostomus ardens</i>	Utah sucker	G5	S1						
<i>Prosopium williamsoni</i>	mountain whitefish	G5	S3		S		GF		MV
<i>Siphateles bicolor pectinifer</i>	Lahontan Lake tui chub	G4T3	S3			R5S			

**Amphibians**

<i>Lithobates pipiens</i>	northern leopard frog	G5	S2S3		S		PA		PS
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**Reptiles**

<i>Actinemys marmorata</i>	western pond turtle	G3G4	S2		S	R5S			PS
<i>Arizona elegans</i>	glossy snake	G5	S4		S				PS
<i>Charina bottae</i>	northern rubber boa	G5	S3S4		S				PS
<i>Chionactis occipitalis</i>	western shovel-nosed snake	G5	S4		S				MV
<i>Crotalus cerastes</i>	sidewinder	G5	S4		S				MV
<i>Crotaphytus bicinctores</i>	Great Basin collared lizard	G5	S4		S				PS
<i>Diadophis punctatus</i>	ring-necked snake	G5	S3		S				MV
<i>Dipsosaurus dorsalis</i>	desert iguana	G5	S3		S				MV
<i>Elgaria panamintina</i>	Panamint alligator lizard	G3	SNA			R5S			PS
<i>Gambelia wislizenii</i>	long-nosed leopard lizard	G5	S4		S				PS
<i>Phrynosoma douglasii</i>	pygmy short-horned lizard	G5	SNR		S				MV
<i>Phrynosoma hernandesi</i>	greater short-horned lizard	G5	S3S4		S				PS
<i>Phrynosoma platyrhinos</i>	desert horned lizard	G5	S4		S				PS
<i>Sauromalus ater</i>	common chuckwalla	G5	S3		S				MV
<i>Thamnophis couchii</i>	Sierra gartersnake	G4	S3						PS
<i>Thamnophis sirtalis</i>	common gartersnake	G5	S3						PS

**Birds**

<i>Anthus rubescens</i>	American Pipit	G5	S3B,S4N						
<i>Antigone canadensis tabida</i>	Greater Sandhill Crane	G5T5	S2B,S3M		S				PS
<i>Aquila chrysaetos</i>	Golden Eagle	G5	S4		S				PS
<i>Athene cunicularia hypugaea</i>	Western Burrowing Owl	G4T4	S3B		S				PS
<i>Buteo regalis</i>	Ferruginous Hawk	G4	S3B, S4N		S				PS
<i>Buteo swainsoni</i>	Swainson's Hawk	G5	S3B		S				PS
<i>Buteogallus anthracinus</i>	Common Black Hawk	G4G5	S3						
<i>Centrocercus urophasianus</i>	Greater Sage-Grouse	G3G4	S3		S	R4S, R5S	GB		HV
<i>Charadrius nivosus nivosus</i>	Western Snowy Plover	G3T3	S3B		S				MV
<i>Chlidonias niger</i>	Black Tern	G4G5	S2S3B						PS
<i>Coccythraustes vesperinus</i>	Evening Grosbeak	G5	S2						
<i>Cygnus buccinator</i>	Trumpeter Swan	G4	S1B						MV
<i>Dolichonyx oryzivorus</i>	Bobolink	G5	S2B						PS
<i>Gavia immer</i>	Common Loon	G5	S2N						PS

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<i>Gymnorhinus cyanocephalus</i>	Pinyon Jay	G5	S3S4		S				PS
<i>Lanius ludovicianus</i>	Loggerhead Shrike	G4	S3		S		SB		PS
<i>Numenius americanus</i>	Long-billed Curlew	G5	S2S3B		S				PS
<i>Oreortyx pictus</i>	Mountain Quail	G5	S3		S	R4S	GB		PS
<i>Pelecanus erythrorhynchos</i>	American White Pelican	G4	S2B						MV
<i>Phainopepla nitens</i>	Phainopepla	G5	S3		S				PS
<i>Picoides dorsalis</i>	American Three-toed Woodpecker	G5	S2			R4S			IL
<i>Plegadis chihi</i>	White-faced Ibis	G5	S3B						PS
<i>Psiloscops flammeolus</i>	Flammulated Owl	G4	S3		S	R4S			PS
<i>Spizella breweri</i>	Brewer's Sparrow	G5	S3B		S		SB		MV
<i>Toxostoma crissale</i>	Crissal Thrasher	G5	S3		S				IL
<i>Vireo bellii arizonae</i>	Arizona Bell's Vireo	G5T4	S2B						PS
<i>Vireo vicinior</i>	Gray Vireo	G5	S3B						PS

**Mammals**

<i>Antrozous pallidus</i>	pallid bat	G4	S3		S	R5S	PM		
<i>Chaetodipus spinatus</i>	spiny pocket mouse	G5	S3						PS
<i>Dipodomys deserti</i>	desert kangaroo rat	G5	S2S3						PS
<i>Eptesicus fuscus</i>	big brown bat	G5	S3S4		S				
<i>Glaucomys sabrinus</i>	northern flying squirrel	G5	S3				PM		PS
<i>Gulo gulo</i>	North American wolverine	G4	SH						
<i>Lemmyscus curtatus</i>	sagebrush vole	G5	S3						HV
<i>Lepus americanus tahoensis</i>	Sierra Nevada snowshoe hare	G5T3T4Q	S3				GM		PS
<i>Myotis californicus</i>	California myotis	G5	S3S4		S				
<i>Myotis ciliolabrum</i>	western small-footed myotis	G5	S3S4		S				PS
<i>Myotis evotis</i>	long-eared myotis	G5	S3		S				IL
<i>Myotis volans</i>	long-legged myotis	G4G5	S3S4		S				
<i>Myotis yumanensis</i>	Yuma myotis	G5	S3		S				
<i>Neotamias senex</i>	Allen's chipmunk	G5	S2S3		S				PS
<i>Notiosorex crawfordi</i>	Crawford's desert shrew	G5	S3						PS
<i>Ovis canadensis nelsoni</i>	desert bighorn sheep	G4T4	S4		S	R4S	GM		PS
<i>Parastrellus hesperus</i>	canyon bat	G5	S3S4		S				



### Nevada Natural Heritage Program - Plant and Animal Watch List

Scientific Name	Common Name	G Rank	S Rank	USESA	BLM	USFS	State	Endemic	CCVI
<i>Peromyscus boylii rowleyi</i>	brush mouse	G5T5	S2						
<i>Sorex merriami</i>	Merriam's shrew	G4	S3		S				PS
<i>Sorex trowbridgii</i>	Trowbridge's shrew	G5	S2						PS
<i>Tadarida brasiliensis</i>	Mexican free-tailed bat	G5	S4		S		PM		PS
<i>Tamiasciurus douglasii</i>	Douglas's squirrel	G5	S5				PM		
<i>Thomomys monticola</i>	mountain pocket gopher	G5	S3		S				PS
<i>Vulpes macrotis</i>	kit fox	G4	S3				FM		PS
<i>Vulpes vulpes necator</i>	Sierra Nevada red fox	G5T1T2	S3	C		R4S, R5S	FM		PS

# Key to Codes Used by the Nevada Natural Heritage Program

Note: The Nevada Natural Heritage Program makes every effort to keep other agency statuses current; however we recommend you consult the agency to ensure you have the most current information.

NatureServe (Heritage Program) Conservation Status Rank Definitions (i.e., G and S Rank)	
Rank Abbreviation	Definition – see <a href="http://www.natureserve.org/explorer/ranking.htm">http://www.natureserve.org/explorer/ranking.htm</a> for more detailed information.
G	Refers to the <b>global</b> population of a species.
S	Refers to the <b>subnational</b> (state) population of a species, subspecies, or variety.
T	Refers to the subspecific or variety <b>taxonomic</b> level (used in conjunction with Grank); uses numeric ranks 1-5 in the same way that G and S ranks are applied.
X	<b>Presumed Extinct</b> or extirpated (Srank) – Not located despite intensive searches and virtually no likelihood of rediscovery.
H	<b>Possibly Extinct</b> – Known from only historical occurrences but still some hope of rediscovery.
1	<b>Critically Imperiled</b> – At very high risk of extirpation in the jurisdiction due to very restricted range, very few populations or occurrences, very steep declines, severe threats, or other factors.
2	<b>Imperiled</b> – At high risk of extirpation in the jurisdiction due to restricted range, few populations or occurrences, steep declines, severe threats, or other factors.
3	<b>Vulnerable</b> – At moderate risk of extirpation in the jurisdiction due to a fairly restricted range, relatively few populations or occurrences, recent and widespread declines, threats, or other factors.
4	<b>Apparently Secure</b> – At fairly low risk of extirpation in the jurisdiction due to an extensive range and/or many populations or occurrences, but with possible cause for some concern as a result of local recent declines, threats, or other factors.
5	<b>Secure</b> – At very low or no risk of extirpation in the jurisdiction due to a very extensive range, abundant populations or occurrences, with little to no concern from declines or threats.
S#S#	<b>Range Rank</b> – A numeric range rank (e.g., S2S3 or S1S3) is used to indicate uncertainty about the exact status of a taxon. Ranges cannot skip more than two ranks (e.g., SU is used rather than S1S4). A range rank could also be applied at the global scale as well (e.g., G2G3).
NR	Taxon <b>Not Ranked</b> – rank not yet assessed.
NA	Conservation status rank is <b>Not Applicable</b> because element is not a suitable target for conservation activities (often used for non-native species or hybrids).
U	<b>Unrankable</b> – Currently unrankable due to lack of information or due to substantially conflicting information about status or trends.
Q	<b>Questionable</b> taxonomy – taxonomic distinctiveness of the entity at the current level is questionable or currently being reviewed; resolution of this uncertainty may result in change from a species to a subspecies, variety or hybrid, or the inclusion of this taxon in another taxon, with the resulting taxon having a lower-priority conservation status.
B	<b>Breeding</b> – Conservation status refers to the breeding population of the element in the nation or state/province.
N	<b>Non-breeding</b> – Conservation status refers to the non-breeding population of the element in the nation or state/province (e.g., wintering bird populations).
M	<b>Migrant</b> – Migrant species occurring regularly on migration at particular staging areas or concentration spots where the species might warrant conservation attention. Conservation status refers to the aggregating transient population of the species in the nation or state/province.
U.S. Fish and Wildlife Service (USFWS) Endangered Species Act Listing	
NNHP Abbreviation	Status Under the U.S. Endangered Species Act (ESA)
LE	Listed Endangered – in danger of extinction in all or a significant portion of its range.
LT	Listed Threatened – likely to be classified as Endangered in the foreseeable future if threats continue.
PE or PT	Proposed as Endangered or Threatened
C	Candidate for listing as Threatened or Endangered

SC	Species of Concern (former Category 1 Candidate or proposed species)
PDL	Proposed for delisting
SAE or SAT	Listed Endangered or Threatened because of similarity of appearance
PSAE or PSAT	Proposed Endangered or Threatened because of similarity of appearance
XE	Essential experimental population
XN	Non-essential experimental population
<b>U.S. Bureau of Land Management (BLM) Status</b>	
<b>NNHP Abbreviation</b>	<b>BLM Status</b>
S	Sensitive Species – Species designated Sensitive by State Director of Nevada BLM.
C	California BLM state status (sensitive)
<b>U.S. Forest Service (FS) Status</b>	
<b>NNHP Abbreviation</b>	<b>FS Status</b>
E	Endangered – as designated by the Endangered Species Act
T	Threatened – as designated by the Endangered Species Act
R4S	Region 4 (Humboldt-Toiyabe National Forest) Sensitive
R5S	Region 5 (Inyo National Forest or Lake Tahoe Basin Management Unit) Sensitive or Watch status
R5SP	Region 5 (Inyo National Forest [includes Lake Tahoe Basin Management Unit]) proposed Sensitive or Watch status
<b>State of Nevada Protection and Designations (NAC 503)</b>	
<b>NNHP Abbreviation</b>	<b>State Designation</b>
EM	Nevada State Emblem
CE	Critically Endangered Plant
CE#	Recommended for listing as Critically Endangered Plant
CY	Protected as a cactus, yucca, or Christmas tree
GF	Game Fish (NAC 503.060)
PF	Protected Fish (NAC 503.065.1)
SF	Sensitive Fish (NAC 503.067)
TF	Threatened Fish (NAC 503.065.3)
EF	Endangered Fish (NAC 503.065.2)
PA	Protected Amphibian (NAC 503.075.2)
PR	Protected Reptile (NAC 503.080.1)
TR	Threatened Reptile (NAC 503.080.2)
UB	Unprotected Birds (NAC 503.055)
GB	Game Bird (NAC 503.045)
PB	Protected Birds (NAC 503.050.1)
SB	Sensitive Birds (NAC 503.050.3)
EB	Endangered Birds (NAC 503.050.2)
UM	Unprotected Mammal (NAC 503.035)
GM	Game Mammal (NAC 503.020)
FM	Fur-bearing Mammal (NAC 503..025)
PM	Protected Mammal (NAC 503.030.1)
SM	Sensitive Mammal (NAC 503.030.3)
TM	Threatened Mammal (NAC 503.030.2)
<b>Endemic to Nevada Status</b>	
<b>NNHP Abbreviation</b>	<b>Definition</b>
Y	Found naturally only in the State of Nevada
P	Probable endemic of Nevada

<b>Climate Change Vulnerability Index (CCVI)</b>	
<b>NNHP Abbreviation</b>	<b>CCVI score as assessed by the Nevada Natural Heritage Program for taxon within the state of Nevada</b>
EV	Extremely Vulnerable: Abundance and/or range extent within Nevada extremely likely to substantially decrease or disappear by 2050.
HV	Highly Vulnerable – Abundance and/or range extent within Nevada likely to decrease significantly by 2050.
MV	Moderately Vulnerable- Abundance and/or range extent with Nevada assessed likely to decrease by 2050.
PS	Presumed Stable – Available evidence does not suggest that abundance and/or range extent within Nevada will change.
IL	Increase Likely – Available evidence suggests that abundance and/or range extent within Nevada is likely to increase by 2050.
IE	Insufficient Evidence – Available information about a species' vulnerability is inadequate to calculate an Index score.