

APPENDIX D: SPECIES OF SPECIAL CONSIDERATION

SPECIES OF SPECIAL CONSIDERATION

Species of special consideration is a broad term intended to encompass names used by managing agencies such as sensitive species, species of special concern, endangered, threatened, etc. Some terms can vary appreciably in formality or use and the criteria for species status can vary among agencies. In addition, most taxa carry more than one listing status or designation.

The sensitive species analysis included all species within the “Northern and Eastern Mojave Planning Area,” an almost eight million acre area of California and a small part of Nevada. This analysis found that the Northern and Eastern Mojave planning area supports roughly 175 plant and animal species of special consideration. These include species that are endangered, threatened, proposed, or candidate species under the Federal Endangered Species Act of 1973, as amended; endangered, threatened, proposed, or rare under the California Endangered Species Act; or agency-defined sensitive or endemic species of special concern. The following tables show these protective designations or others defined by the California Native Plant Society (CNPS) or the California/Nevada Natural Diversity Data Base (CNDDDB/NNDDDB).

Habitats that support one or more species of special consideration were reviewed in this planning effort, although not typically given legal protective status by agencies, as are individual species. Because of this, habitats of special consideration may also be referred to throughout this document as “sensitive habitats.” Those sensitive habitats which were a focus of plan review were riparian, wetland, sand dune and wash habitats as well as widespread or local habitats key in supporting desert tortoise, bats, bighorn sheep, carbonate plants and a variety of endemic species.

TABLE D-1: ANIMALS OF SPECIAL CONSIDERATION WITHIN MOJAVE NATIONAL PRESERVE

(Federally or State Listed or Proposed Species known to occur within Mojave National Preserve are bolded)

ANIMAL SPECIES		LISTING STATUS	
Common Name	Scientific Name	Federal	State
BIRDS			
Cooper's hawk	<i>Accipiter cooperi</i>		*
golden eagle	<i>Aquila chrysaetos</i>	Protected under the Bald Eagle Protection Act	*
long-eared owl	<i>Asio otus</i>		*
western burrowing owl	<i>Athene cucularia-hypugea</i>		*
ferruginous hawk (P)	<i>Buteo regalis</i>	NPS SS	*
Swainson's hawk	<i>Buteo swainsoni</i>		Threatened
northern harrier	<i>Circus cyaneus</i>		*
yellow warbler (P)	<i>Dendroica petechia brewsteri</i>		*
southwestern willow flycatcher	<i>Empidonax trailli extimus</i>	Endangered	(<i>Empidonax trailli</i> is state listed Endangered)
prairie falcon	<i>Falco mexicanus</i>		*
yellow-breasted chat	<i>Icteria virens</i>		*
California grey-headed junco	<i>Junco hyemalis caniceps</i>		*
loggerhead shrike	<i>Lanius ludovicianus</i>	NPS SS	*
elf owl (P)	<i>Micrathene whitneyi</i>		Endangered
hepatic tanager	<i>Piranga flava</i>		*
summer tanager	<i>Piranga rubra</i>		*
black-tailed gnatcatcher	<i>Polioptila melanura</i>		*
vermillion flycatcher	<i>Pyrocephalus rubinus</i>		*
Bendire's thrasher	<i>Toxostoma bendirei</i>		*

ANIMAL SPECIES		LISTING STATUS	
Common Name	Scientific Name	Federal	State
Crissal thrasher	<i>Toxostoma crissale</i>		*
Le Conte's thrasher	<i>Toxostoma lecontei</i>		*
Virginia's warbler	<i>Vermivora virginiae</i>		*
least Bells vireo (P)	<i>Vireo bellii pusillus</i>	Endangered	Endangered
gray vireo	<i>Vireo vicinior</i>		*
MAMMALS			
desert pallid bat	<i>Antrozous pallidus pallidus</i>		*
Townsend's big-eared bat	<i>Corynorhinus townsendii pallescens</i>	NPS SS	*
California leaf-nosed bat (P)	<i>Macrotus californicus</i>		*
Fringed myotis	<i>Muotis thysanodes</i>		
desert bighorn sheep	<i>Ovis canadensis nelsoni</i>	BLM SS	
Kingston Mountain chipmunk	<i>Tamias panamintinus acrus</i>		
american badger	<i>Taxidea taxus</i>		*
REPTILES			
desert tortoise	<i>Gopherus agassizii</i>	Threatened	Threatened
banded gila monster	<i>Heloderma suspectum cinctum</i>	BLM SS	*
rosy boa	<i>Lichanura trivirgata</i>	NPS SS	
chuckwalla	<i>Sauromalus obesus</i>		*
FISH			
Mohave tui chub	<i>Gila bicolor mohavensis</i>	Endangered	Endangered
INSECTS			
Kelso Jerusalem cricket	<i>Ammopelmatus kelsoensis</i>		
monarch butterfly (P)	<i>Danaus plexippus</i>		
Kelso giant sand treader cricket	<i>Macrobaenetes kelsoensis</i>		
SNAILS			
(no common name)	<i>Micrarionta rowelli bakerensis</i>		

STATUS EXPLANATIONS

Federal

NPS SS = National Park Service Sensitive Species = Any SS species or infraspecies not otherwise designated whose population characteristics warrant special management or more intensive monitoring. Consideration may include but is not limited to: local rarity; endemism, park management objectives, usefulness of species as an indicator species, vulnerability to population declines; human disturbance; political concern / public interest

BLM SS = Bureau of Land Management Sensitive Species = Sensitive species are those designated by a State Director, usually in cooperation with the State agency responsible for managing the species as sensitive. They are those species that are: (1) under status review by the FWS/NMFS; or (2) whose numbers are declining so rapidly that Federal listing may become necessary; or (3) with typically small and widely dispersed populations; or (4) those inhabiting ecological refugia or other specialized or unique habitats.

Endangered = any species that is in danger of extinction throughout all or a significant portion of its range.

Threatened = any species that is likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range.

Proposed species = any species of fish, wildlife, or plant that is proposed in the Federal Register to be listed under section 4 of the Endangered Species Act.

State

*CDFG "Species of Special Concern" = An administrative designation given to vertebrate species that appear to be vulnerable to extinction because of declining populations, limited ranges, and/or continuing threats. Some species may be just starting to decline, while others may have already reached the point where they meet the criteria for listing as a threatened or endangered species.

TABLE D-2: PLANTS OF SPECIAL CONSIDERATION RECORDED WITHIN MOJAVE NATIONAL PRESERVE
(Federally or State Listed or Proposed Species known to occur within Mojave are bolded)

PLANT SPECIES		LISTING STATUS		CNPS	CNPS RED CODE
Common Name	Scientific Name	Federal	State	CNPS	
Mormon needle grass	<i>Achnatherum aridum</i>			2	2-1-1
Nevada onion	<i>Allium nevadense</i>			2	3-1-1
cloak fern	<i>Argyrochosma limitanea</i> var. <i>limitanea</i>			2	3-1-1
playa milk-vetch	<i>Astragalus allochorous</i> var. <i>playanus</i>			2	2-2-1
Cima milk-vetch	<i>Astragalus cimae</i> var. <i>cimae</i>			1B	3-2-2
ayenia	<i>Ayenia compacta</i>			2	2-1-1
Red grama	<i>Bouteloua trifida</i>			2	3-1-1
crucifixion thorn	<i>Castela emoryi</i>			2	2-1-1
Wooton's lace fern	<i>Cheilanthes wootonii</i>			2	2-1-1
purple bird's-beak	<i>Cordylanthus parviflorus</i>			2	3-1-1
Howe's hedgehog	<i>Echinocereus engelmannii</i> var. <i>howei</i>	BLM SS		1B	3-3-3
nine-awned pappus grass	<i>Enneapogon desvauxii</i>			2	3-1-1
Limestone daisy	<i>Erigeron uncialis</i> var. <i>uncialis</i>			2	3-2-1
Thorne's buckwheat	<i>Eriogonum ericifolium</i> var. <i>thornei</i>		CA Endangered	1B	3-2-3
juniper buckwheat	<i>Eriogonum umbellatum</i> var. <i>juniporinum</i>			2	3-1-1
hairy erioneuron	<i>Erioneuron pilosum</i>			2	2-1-1
viviparous foxtail cactus	<i>Escobaria vivipara</i> var. <i>rosea</i>			1B	3-2-2
Clark Mountain spurge	<i>Euphorbia exstipulata</i> var. <i>exstipulata</i>			2	3-3-1
Wrights's bedstraw	<i>Galium wrightii</i>			2	3-1-1
pungent glossopetalon	<i>Glossopetalon pungens</i>	BLM SS		1B	3-2-2
Jaeger's ivesia	<i>Ivesia jaegeri</i>	BLM SS	On NV watch list	1B	3-1-2
sand linanthus	<i>Linanthus arenicola</i>			2	1-2-1
scrub lotus	<i>Lotus argyraeus</i> var. <i>multicaulis</i>			1B	3-1-3
Providence Mountains lotus	<i>Lotus argyraeus</i> var. <i>notitius</i>			1B	2-1-3
wolftail	<i>Lycurus phleoides</i> var. <i>phleoides</i>			2	3-2-1
spearleaf	<i>Matelea parvifolia</i>			2	3-1-1
violet twining snapdragon	<i>Maurandya antirrhiniflora</i> ssp. <i>antirrhiniflora</i>			2	3-1-1
appressed muhly	<i>Muhlenbergia appressa</i>			2	2-2-1
tough muhly	<i>Muhlenbergia arsenei</i>			2	2-1-1
delicate muhly	<i>Muhlenbergia fragilis</i>			2	3-1-1
few-flowered muhly	<i>Muhlenbergia pauciflora</i>			2	3-1-1
false buffalo-grass	<i>Munroa squarrosa</i>			2	3-2-1
forked purple mat	<i>Nama dichotomum</i> var. <i>dichotomum</i>			2	3-1-1
slender Woolly-heads	<i>Nemacaulis denudata</i> var. <i>gracilis</i>			2	2-2-1
short-joint cactus	<i>Opuntia basilaris</i> var. <i>brachyclada</i>	BLM SS		1B	3-2-3
curved-spine beavertail	<i>Opuntia curvospina</i>			2	2-2-1
cliff brake	<i>Pellaea truncata</i>			2	2-1-1
limestone beard tongue	<i>Penstemon calcareus</i>			2	2-1-1
Death Valley beardtongue	<i>Penstemon fruticiformis</i> var. <i>amargosae</i>	BLM SS		4	1-1-2
Stephens' s beardtongue	<i>Penstemon stephensii</i>			1B	2-2-3
Aven Nelson's phacelia	<i>Phacelia anelsonii</i>			2	2-1-1
two-needle pinyon pine	<i>Pinus edulis</i>			3	3-1-1
Albert's sanvitalia	<i>Sanvitalia albertii</i>			2	3-2-1
burro grass	<i>Scleropogon brevifolius</i>			2	3-1-1
Plummer's woodsia	<i>Woodsia plummerae</i>			2	3-1-1

STATUS EXPLANATIONS

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State

NVCE = Critically Endangered in Nevada

NVCE# = Recommended for Critically Endangered List, pending formal list

California Native Plant Society (CNPS)

List 1A = Plants presumed extinct in California

List 1B = Plants Rare, Threatened, or Endangered in California and elsewhere

List 2 = Plants Rare, Threatened, or Endangered in California, but more common elsewhere

List 3 = Plants about which we need more information--a review list

List 4 = Plants of limited distribution--a watch list

CNPS RED Code

R (Rarity)

1 = Rare, but found in sufficient numbers and distributed widely enough that the potential for extinction is low at this time

2 = Distributed in a limited number of occurrences, occasionally more if each occurrence is small

3 = Distributed in one to several highly restricted occurrences, or present in such small numbers that it is seldom reported

E (Endangerment)

1 = Not endangered

2 = Endangered in a portion of its range

3 = Endangered throughout its range

D (Distribution)

1 = More or less widespread outside California

2 = Rare outside California

3 = Endemic to California