

**Table 5-4****SPECIAL STATUS PLANT AND ANIMAL SPECIES OF POTENTIAL OCCURRENCE WITHIN THE ROSE CREEK WATERSHED**

The following abbreviations are used throughout the tables: FE = Federal Endangered, FT = Federal Threatened, CSC = California Department of Fish and Game (CDFG) Species of Special Concern; SA = CDFG Special Animal, SE = California Endangered Species Act (ESA) Endangered, ST = California ESA Threatened. The abbreviation, FSC, indicates "Federal Species of Concern", which is a "term of art" for former Category 2 species whose conservation status is of concern to the USFWS but for which no official status has been designated. It is provided here for informational purposes only. CNPS = California Native Plant Society, MHCP = Multiple Habitat Conservation Program.

Status/Potential for Occurrence Codes: P = Present, H = High, M = Moderate, L = Low, A = Absent\*

\*Species listed as absent are almost certainly extirpated from or did not historically occur within the Rose Creek Watershed. They are included in the table because they are addressed in the Multiple Habitat Conservation Program (MSCP).

**Table 1. Riparian & Wetlands**

Common Name	Scientific Name	Federal Status	California Status	CNPS	MHCP	Potential of Occurrence
<b>PLANTS</b>						
San Diego Button Celery	<i>Eryngium aristulatum</i> ssp. <i>parishii</i>	FE	SE	1B	Covered	P
Southwestern Spiny Rush	<i>Juncus acutus</i> ssp. <i>leopoldii</i>	None	None	4	Not covered	P
Little Mousetail	<i>Myosurus minimus</i> ssp. <i>apus</i>	FSC	None	3	Covered	P
Spreading Navarretia	<i>Navarretia fossalis</i>	FT	ST	1B	Covered	P
Coulter's Goldfields	<i>Lasthenia glabrata</i>	None	CSC	1B	Not Covered	P
Estuary Seablite	<i>Suaeda esteroa</i>	None	None	1B	Not Covered	P
San Diego Mesa Mint	<i>Pogogyne abramsii</i>	None	CSC	1B, R-E-D	Covered	P
Purple Stemodia	<i>Stemodia viscosa</i>	None	CSC	1B	Not Covered	P

Common Name	Scientific Name	Federal Status	California Status	CNPS	MHCP	Potential of Occurrence
Prostrate Navarretia	<i>Navarretia prostrata</i>	None	CSC	1B	Covered	P
Long-spined Spine Flower	<i>Chorizanthe polygonoides</i>	None	CSC	1B	Not Covered	P
Willowy Monardella	<i>Monardella linoidea viminea</i>	ST	CSC	1B, R-E-D	Not Covered	P
Woven-spored Lichen	<i>Texosporium sancti-jacobi</i>	None	CSC	1B	Not Covered	P
California Orcutt Grass	<i>Orcuttia californica</i>	FE	SE	1B	Covered	P
<b>ANIMALS</b>						
Riverside Fairy Shrimp	<i>Streptocephalus wootoni</i>	FE	None	--	Covered	P
San Diego Fairy Shrimp	<i>Branchinecta sandiegonensis</i>	FE	None	--	Covered	P
Western Spadefoot Toad	<i>Scaphiopus hammondi</i>	FSC	CSC, Protected	--	Covered	H
Two-striped Garter Snake	<i>Thamnophis hammondi</i>	None	CSC, Preotected	--	Not covered	P
Cooper's Hawk	<i>Accipiter cooperii</i>	None	CSC	--	Covered	P
Light-footed Clapper Rail	<i>Rallus longirostris levipes</i>	FE	SE	--	Covered	P
Least Bell's Vireo	<i>Vireo bellii pusillus</i>	FE	SA, SE	--	Covered	P
Mountain Lion	<i>Felis concolor</i>	None	Calif. Regulated	--	Covered	H
Southern Mule Deer	<i>Odocoileus hemionus fuliginata</i>	None	Calif. Regulated	--	Covered	P

**Table 2: Estuarine**

Common Name	Scientific Name	Federal Status	California Status	CNPS	MHCP	Potential for Occurrence
<b>ANIMALS</b>						
Wandering (Saltmarsh) Skipper	<i>Panoquina errans</i>	None	None	--	Covered	P
California Brown Pelican	<i>Pelecanus occidentalis californicus</i>	FE	SE	--	Covered	P
White-faced Ibis	<i>Plegadis chihi</i>	None	CSC	--	Covered	P
Light-footed Clapper Rail	<i>Rallus longirostris levipes</i>	FE	SE	--	Covered	H
Western Snowy Plover	<i>Charadrius alexandrinus nivosus</i>	FT	CSC	--	Covered	H
Rufous-crowned Sparrow	<i>Aimophila ruficeps</i>	None	CSC	--	Covered	P
California Least Tern	<i>Sterna antillarum browni</i>	None	CSC	--	Covered	H
Large-billed Savannah Sparrow	<i>Passerculus sandwichensis rostratus</i>	None	SE	--	Covered	M
Belding's Savannah Sparrow	<i>Passerculus sandwichensis beldingi</i>	None	SE	--	Covered	H

**Table 3: Uplands**

Common Name	Scientific Name	Federal Status	California Status	CNPS	MHCP	Potential for Occurrence
<b>PLANTS</b>						
Orcutt's Brodiaea	<i>Brodiaea orcutti</i>	None	None	1B	Covered	P
Wart-stemmed Ceanothus	<i>Ceanothus verrucosus</i>	FSC	None	2	Covered	P
Orcutt's Spineflower	<i>Chorizanthe orcuttiana</i>	FE	SE	1B	Covered	P
Summer Holly	<i>Comarostaphylis diversifolia</i> ssp. <i>diversifolia</i>	FSC	None	1B	Covered	P
Short-leaved Dudleya	<i>Dudleya blochmaniae</i> ssp. <i>brevifolia</i>	FSC	SE	1B	Covered	A
San Diego Button Celery	<i>Eryngium aristulatum</i> ssp. <i>parishii</i>	FE	SE	1B	Not covered	P
San Diego Barrel Cactus	<i>Ferocactus viridescens</i>	FSC	None	2	Covered	P
Cleveland's Goldenstar	<i>Muilla clevelandii</i>	None	CSC	1B	Covered	P
Coast Barrel Cactus	<i>Ferocactus viridescens</i>	FSC	SE	1B	Covered	P
Coulter's Goldfields	<i>Lasthenia glabrata</i>	None	CSC	1B	Not covered	L
Campbell's Liverwort	<i>Geothallus laevis</i>	None	CSC	1B	Not covered	L
Bottle Liverwort	<i>Sphaerocarpos drewei</i>	None	CSC	1B	Not covered	P
Rayless Ragwort	<i>Senecio aphanactis</i>	None	CSC	1B	Not Covered	P
Nuttall's Lotus	<i>Lotus nuttallianus</i>	FSC	None	1B	Covered	P
San Diego Goldenstar	<i>Muilla clevelandii</i>	FSC	None	1B	Covered	P
Nuttall's Scrub Oak	<i>Quercus dumosa</i>	FSC	None	1B	Covered	P
<b>ANIMALS</b>						
Monarch Butterfly	<i>Danaus plexippus</i>	None	CSC	--	Not Covered	P

Common Name	Scientific Name	Federal Status	California Status	CNPS	MHCP	Potential for Occurrence
Hermes Copper	<i>Lycaena hermes</i>	FSC	SA	--	Under Review	L
Western Spadefoot Toad	<i>Scaphiopus hammondi</i>	FSC	CSC, Protected	--	Covered	P
San Diego Horned Lizard	<i>Phrynosoma coronatum blainvillii</i>	FSC	CSC	--	To Be Evaluated	P
Orange-throated Whiptail	<i>Cnemidophorus hyperythrus</i>	FSC	CSC, Protected	--	Covered	P
Coastal Rosy Boa	<i>Lichanura trivirgata roseofusca</i>	FSC	SA	--	Not covered	P
Northern Red Diamond Rattlesnake	<i>Crotalus ruber ruber</i>	FSC	CSC	--	Not covered	P
Northern Harrier	<i>Circus cyaneus</i>	None	CSC	--	To Be Evaluated	P
Cooper's Hawk	<i>Accipiter cooperii</i>	None	CSC	--	Covered	P
Burrowing Owl	<i>Speotyto cunicularia hypugaea</i>	None	CSC	--	To Be Evaluated	L
Coastal Cactus Wren	<i>Campylorhynchus brunneicapillus cousei</i>	None	CSC	--	Covered	L
Coastal California Gnatcatcher	<i>Poliophtila californica californica</i>	FT	CSC	--	Covered	P
Southern California Rufous-crowned Sparrow	<i>Aimophila ruficeps canescens</i>	FSC	CSC	--	Covered	P
Bell's Sage Sparrow	<i>Amphispiza belli belli</i>	FSC	CSC	--	Covered	P
Mountain Lion	<i>Felis concolor</i>	None	Calif. Regulated	--	Covered	M
Southern Mule Deer	<i>Odocoileus hemionus fuliginata</i>	None	Calif. Regulated	--	Covered	P

## PLANT AND ANIMAL SENSITIVITY GUIDELINES

Listings by USFWS and CDFG carry regulatory authority, while other listings herein are generally advisory in nature and serve to monitor and inform.

### FEDERALLY LISTED AND CANDIDATE SPECIES

- |     |  |
|-----|--|
| FE  | Federally listed as Endangered under the Endangered Species Act of 1973. Taxa that are in danger of becoming extinct throughout all or a significant portion of their range.   |
| FT  | Federally listed as Threatened under the Endangered Species Act of 1973. Taxa which are likely to become Endangered in the foreseeable future in the absence of special protection.  |
| FPE | Federally proposed for listing as Endangered.  |
| FPT | Federally proposed for listing as Threatened.  |
| FC  | Federal candidate species (former Category 1 candidates). Taxa for which the USFWS has sufficient biological information to support a proposal to list as endangered or threatened.  |
| FSC | Federal Special Concern Species (former Category 2 candidates included here). Existing information on these species suggests listing may be warranted, but substantial biological information to support a proposed rule is lacking. |

### CALIFORNIA LISTED AND CANDIDATE SPECIES

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|-----|--|
| SE  | State-listed as Endangered, a native species or subspecies in serious danger of becoming extinct throughout all or a significant portion of its range (CDFG Code §2062).   |
| ST  | State-listed as Threatened, a native species or subspecies that, although not presently threatened with extinction, is likely to become an endangered species in the foreseeable future in the absence of special protection and management efforts (CDFG Code §2067). |
| SCE | State candidate for listing as Endangered  |
| SCT | State candidate for listing as Threatened  |

FP California Protected and Fully Protected Species are taxa that fall under special protection within the Fish & Game Codes §3511 (birds), §4700 (mammals), §5050 (reptiles and amphibians), and §5515(fish). These species may not be taken or possessed without a permit from CDFG.

CSC CDFG California Special Concern Species, a designation given to vertebrate species for which sufficient information exists which warrants concern over that species status and may warrant future listing as threatened or endangered. Protective status falls under State Government Code 66474.

SA California Special Animals: These are species that fall into one or more of the following categories:

- Officially listed or proposed for listing under the State and/or Federal Endangered Species Acts
- State or Federal candidate for possible listing
- Taxa which meet the criteria for listing, even if not currently included on any list, as described in Section 15380 of the CEQA Guidelines
- Taxa considered by the Department to be a Species of Special Concern
- Taxa that are biologically rare, very restricted in distribution, declining throughout their range, or have a critical, vulnerable stage in their life cycle that warrants monitoring.
- Populations in California that may be on the periphery of a taxon's range, but are threatened with extirpation within California
- Taxa closely associated with a habitat that is declining in California at an alarming rate (e.g., wetlands, riparian, old growth forests, desert aquatic systems, native grasslands, vernal pools, etc.)
- Taxa designated as a special status, sensitive, or declining species by other state or federal agencies, or non-governmental organization

#### **CALIFORNIA NATIVE PLANT SOCIETY (CNPS) R-E-D CODE**

##### **R (Rarity)**

- 1 Rare, but found in sufficient numbers and distributed widely enough that the potential for extinction or extirpation is low at this time.
- 2 Occurrence confined to several populations or to one extended population.
- 3 Occurrence limited to one or a few highly restricted populations, 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 of California.
- 2 Rare outside California.
- 3 Endemic to California.

A "?" under Rarity/Endangerment/Distribution is given when information to allocate a code is incomplete.

#### **CNPS LISTS**

List 1B: Plants rare, threatened, or endangered in California or elsewhere

List 2: Plants rare or endangered in California, but more common elsewhere

List 3: Plants about which more information is needed

List 4: Plants of limited distribution