

Appendix I

**Known Occurrences of
Special-Status Species
in Ecological Sections and Subsections**

Table I-1. Known Occurrences of Special-Status Species in Ecological Sections and Subsections

Central California Coast Section

Common Name	Scientific Name	Status ¹			USFS Ecological Subsection								
		FESA	CESA	Other DFG	East Bay Hills-Mt. Diablo	Leeward Hills	North Coastal Santa Lucia Range	Santa Clara Valley	Santa Cruz Mountains	Santa Maria Valley	South Coastal Santa Lucia Range	Suisun Hills and Valleys	Watsonville Plain-Salinas Valley
Kings Mountain manzanita	<i>Arctostaphylos regismontana</i>	--	--	1B.2		X			X				
La Graciosa thistle	<i>Cirsium scariosum</i> var. <i>loncholepis</i>	FE	CT	1B.1					X				
La Panza mariposa-lily	<i>Calochortus obispoensis</i>	--	--	1B.2							X		
large-flowered fiddleneck	<i>Amsinckia grandiflora</i>	FE	CE	1B.1	X							X	
late-flowered mariposa-lily	<i>Calochortus fimbriatus</i>	--	--	1B.2			X				X		
leafy tarplant	<i>Deinandra increscens</i> ssp. <i>foliosa</i>	--	--	1B.2					X		X		
legenere	<i>Legenere limosa</i>	--	--	1B.1					X			X	X
Lime Ridge navarretia	<i>Navarretia gowenii</i>	--	--	1B.1	X								
Little Sur manzanita	<i>Arctostaphylos edmundsii</i>	--	--	1B.2			X						
Loma Prieta hoita	<i>Hoita strobilina</i>	--	--	1B.1	X	X		X	X				X
Marin western flax	<i>Hesperolinon congestum</i>	FT	CT	1B.1		X			X				
maritime ceanothus	<i>Ceanothus maritimus</i>	--	CR	1B.2							X		
marsh microseris	<i>Microseris paludosa</i>	--	--	1B.2		X	X		X		X		X
marsh sandwort	<i>Arenaria paludicola</i>	FE	CE	1B.1		X			X	X	X		
Mason's lilaepsis	<i>Lilaepsis masonii</i>	--	CR	1B.1								X	
Menzies' wallflower	<i>Erysimum menziesii</i> ssp. <i>menziesii</i>	FE	CE	1B.1			X						
mesa horkelia	<i>Horkelia cuneata</i> ssp. <i>puberula</i>	--	--	1B.1						X	X		
Metcalf Canyon jewel-flower	<i>Streptanthus albidus</i> ssp. <i>albidus</i>	FE	--	1B.1		X		X	X				
Miles' milk-vetch	<i>Astragalus didymocarpus</i> var. <i>milesianus</i>	--	--	1B.2						X	X		
minute pocket moss	<i>Fissidens pauperculus</i>	--	--	1B.2					X				
Montara manzanita	<i>Arctostaphylos montaraensis</i>	--	--	1B.2		X			X				
Monterey clover	<i>Trifolium trichocalyx</i>	FE	CE	1B.1			X						
Monterey cypress	<i>Hesperocyparis macrocarpa</i>	--	--	1B.2			X						
Monterey pine	<i>Pinus radiata</i>	--	--	1B.1			X		X		X		X
Monterey spineflower	<i>Chorizanthe pungens</i> var. <i>pungens</i>	FT	--	1B.2			X				X		X
Morro manzanita	<i>Arctostaphylos morroensis</i>	FT	--	1B.1							X		
most beautiful jewel-flower	<i>Streptanthus albidus</i> ssp. <i>peramoenus</i>	--	--	1B.2	X	X	X	X			X		
mouse-gray dudleya	<i>Dudleya abramsii</i> ssp. <i>murina</i>	--	--	1B.3							X		
Mt. Diablo bird's-beak	<i>Cordylanthus nidularius</i>	--	CR	1B.1	X								
Mt. Diablo buckwheat	<i>Eriogonum truncatum</i>	--	--	1B.1	X							X	
Mt. Diablo fairy-lantern	<i>Calochortus pulchellus</i>	--	--	1B.2	X							X	
Mt. Diablo jewel-flower	<i>Streptanthus hispidus</i>	--	--	1B.3	X								
Mt. Diablo manzanita	<i>Arctostaphylos auriculata</i>	--	--	1B.3	X							X	
Mt. Diablo phacelia	<i>Phacelia phacelioides</i>	--	--	1B.2	X								
Mt. Hamilton fountain thistle	<i>Cirsium fontinale</i> var. <i>campylor.</i>	--	--	1B.2		X		X					
Muir's tarplant	<i>Carlquistia muirii</i>	--	--	1B.3			X						
Napa false indigo	<i>Amorpha californica</i> var. <i>napensis</i>	--	--	1B.2			X						
Nipomo Mesa lupine	<i>Lupinus nipomensis</i>	FE	CE	1B.1						X			
Norris' beard moss	<i>Didymodon norrisii</i>	--	--	2.2	X		X		X				
Northern California black walnut	<i>Juglans hindsii</i>	--	--	1B.1	X								
Ohlone manzanita	<i>Arctostaphylos ohloneana</i>	--	--	1B.1					X				
Oregon meconella	<i>Meconella oregana</i>	--	--	1B.1	X								
Oregon polemonium	<i>Polemonium carneum</i>	--	--	2.2	X				X				
Oso manzanita	<i>Arctostaphylos osoensis</i>	--	--	1B.2							X		
oval-leaved viburnum	<i>Viburnum ellipticum</i>	--	--	2.3	X								
Pacific Grove clover	<i>Trifolium polyodon</i>	--	CR	1B.1			X						X
Pacific manzanita	<i>Arctostaphylos pacifica</i>	--	CE	1B.2		X							
Pajaro manzanita	<i>Arctostaphylos pajaroensis</i>	--	--	1B.1					X				X
pale-yellow layia	<i>Layia heterotricha</i>	--	--	1B.1			X						X
pallid manzanita	<i>Arctostaphylos pallida</i>	FT	CE	1B.1	X								
Palmer's monardella	<i>Monardella palmeri</i>	--	--	1B.2			X				X		
pappose tarplant	<i>Centromadia parryi</i> ssp. <i>parryi</i>	--	--	1B.2				X			X	X	
Pecho manzanita	<i>Arctostaphylos pechoensis</i>	--	--	1B.2							X		
perennial goldfields	<i>Lasthenia californica</i> ssp. <i>macrantha</i>	--	--	1B.2					X		X		
pine rose	<i>Rosa pinetorum</i>	--	--	1B.2			X		X				X
pink creamsacs	<i>Castilleja rubicundula</i> ssp. <i>rubicundula</i>	--	--	1B.2		X						X	
pink johnny-nip	<i>Castilleja ambigua</i> ssp. <i>insalutata</i>	--	--	1B.1			X				X		X
Pinnacles buckwheat	<i>Eriogonum nortonii</i>	--	--	1B.3			X						X
Pismo clarkia	<i>Clarkia speciosa</i> ssp. <i>immaculata</i>	FE	CR	1B.1						X	X		
Point Reyes bird's-beak	<i>Choropyron maritimum</i> ssp. <i>palustre</i>	--	--	1B.2		X		X					X
Point Reyes horkelia	<i>Horkelia marinensis</i>	--	--	1B.2		X			X				
Point Reyes meadowfoam	<i>Limnanthes douglasii</i> ssp. <i>sulphurea</i>	--	CE	1B.2					X				
Presidio clarkia	<i>Clarkia franciscana</i>	FE	CE	1B.1	X	X							
Presidio manzanita	<i>Arctostaphylos montana</i> ssp. <i>ravenii</i>	FE	CE	1B.1		X							
prostrate vernal pool navarretia	<i>Navarretia prostrata</i>	--	--	1B.1				X					
recurved larkspur	<i>Delphinium recurvatum</i>	--	--	1B.2								X	
robust spineflower	<i>Chorizanthe robusta</i> var. <i>robusta</i>	FE	--	1B.1		X		X	X				X
rock sanicle	<i>Sanicula saxatilis</i>	--	CR	1B.2	X								
rose leptosiphon	<i>Leptosiphon rosaceus</i>	--	--	1B.1					X				
rose leptosiphon**	<i>Leptosiphon rosaceus</i>	--	--	1B.1					X				
round-headed Chinese-houses	<i>Collinsia corymbosa</i>	--	--	1B.2		X							
round-leaved filaree	<i>California macrophylla</i>	--	--	1B.1	X		X	X	X			X	
saline clover	<i>Trifolium hydrophilum</i>	--	--	1B.2			X	X	X		X	X	X
salt marsh bird's-beak	<i>Choropyron maritimum</i> ssp. <i>maritimum</i>	FE	CE	1B.2							X		
San Benito fritillary	<i>Fritillaria viridea</i>	--	--	1B.2				X			X		
San Benito pentachaeta	<i>Pentachaeta exilis</i> ssp. <i>aeolica</i>	--	--	1B.2			X						
San Bernardino aster	<i>Symphotrichum defoliatum</i>	--	--	1B.2						X			
San Bruno Mountain manzanita	<i>Arctostaphylos imbricata</i>	--	CE	1B.1		X							
San Francisco Bay spineflower	<i>Chorizanthe cuspidata</i> var. <i>cuspidata</i>	--	--	1B.2		X			X				
San Francisco campion	<i>Silene verecunda</i> ssp. <i>verecunda</i>	--	--	1B.2		X			X				
San Francisco collinsia	<i>Collinsia multicolor</i>	--	--	1B.2		X	X	X	X				
San Francisco lessingia	<i>Lessingia germanorum</i>	FE	CE	1B.1		X							
San Francisco owl's-clover	<i>Triphysaria floribunda</i>	--	--	1B.2		X		X	X				
San Francisco popcorn-flower	<i>Plagiobothrys diffusus</i>	--	CE	1B.1	X	X			X				X
San Joaquin spearscale	<i>Atriplex joaquiniana</i>	--	--	1B.2	X				X		X	X	
San Luis Obispo County lupine	<i>Lupinus ludovicianus</i>	--	--	1B.2							X		
San Luis Obispo mariposa-lily	<i>Calochortus simulans</i>	--	--	1B.3							X		
San Luis Obispo monardella	<i>Monardella frutescens</i>	--	--	1B.2						X	X		
San Luis Obispo owl's-clover	<i>Castilleja densiflora</i> ssp. <i>obispoensis</i>	--	--	1B.2							X		
San Luis Obispo sedge	<i>Carex obispoensis</i>	--	--	1B.2			X				X		
San Mateo thorn-mint	<i>Acanthomintha duttonii</i>	FE	CE	1B.1		X		X	X				
San Mateo woolly sunflower	<i>Eriophyllum latilobum</i>	FE	CE	1B.1		X			X				
San Simeon baccharis	<i>Baccharis plummerae</i> ssp. <i>glabrata</i>	--	--	1B.2							X		
sand gilia	<i>Gilia tenuiflora</i> ssp. <i>arenaria</i>	FE	CT	1B.2			X						X
sand mesa manzanita	<i>Arctostaphylos rudis</i>	--	--	1B.2						X			
sand-loving wallflower	<i>Erysimum amophilum</i>	--	--	1B.2					X				
sandmat manzanita	<i>Arctostaphylos pumila</i>	--	--	1B.2			X						X
Santa Clara Valley dudleya	<i>Dudleya abramsii</i> ssp. <i>setchellii</i>	FE	--	1B.1		X		X					
Santa Cruz clover	<i>Trifolium buckwestiorum</i>	--	--	1B.1			X		X				X
Santa Cruz cypress	<i>Hesperocyparis abramsiana</i> var. <i>abramsiana</i>	FE	CE	1B.2					X				
Santa Cruz microseris	<i>Stebbinsoseris decipiens</i>	--	--	1B.2			X		X				X
Santa Cruz Mountains beardtongue	<i>Penstemon rattanii</i> var. <i>kleei</i>	--	--	1B.2		X			X				
Santa Cruz Mountains pussypaws	<i>Calyptidium parryi</i> var. <i>hesseae</i>	--	--	1B.1		X	X		X		X		
Santa Cruz tarplant	<i>Holocarpha macradenia</i>	FT	CE	1B.1	X				X				X
Santa Cruz wallflower	<i>Erysimum teretifolium</i>	FE	CE	1B.1					X				
Santa Lucia bedstraw	<i>Galium clementis</i>	--	--	1B.3							X		
Santa Lucia bush-mallow	<i>Malacothamnus palmeri</i> var. <i>palmeri</i>	--	--	1B.2			X				X		
Santa Lucia dwarf rush	<i>Juncus luciensis</i>	--	--	1B.2			X						
Santa Lucia manzanita	<i>Arctostaphylos luciana</i>	--	--	1B.2							X		
Santa Lucia mint	<i>Pogogyne clareana</i>	--	CE	1B.2			X				X		
Santa Margarita manzanita	<i>Arctostaphylos pilosula</i>	--	--	1B.2							X		
Schreiber's manzanita	<i>Arctostaphylos glutinosa</i>	--	--	1B.2					X				

Table I-1. Known Occurrences of Special-Status Species in Ecological Sections and Subsections

Central California Coast Section

Common Name	Scientific Name	Status ¹			USFS Ecological Subsection									
		FESA	CESA	Other DFG	East Bay Hills-Mt. Diablo	Leeward Hills	North Coastal Santa Lucia Range	Santa Clara Valley	Santa Cruz Mountains	Santa Maria Valley	South Coastal Santa Lucia Range	Suisun Hills and Valleys	Watsonville Plain-Salinas Valley	
tricolored blackbird	<i>Agelaius tricolor</i>	--	--	CSC	X	X	X	X	X	X	X	X	X	
tufted puffin	<i>Fratercula cirrhata</i>	--	--	CSC			X				X			
two-striped garter snake	<i>Thamnophis hammondi</i>	--	--	CSC			X			X				
valley elderberry longhorn beetle	<i>Desmocerus californicus dimorphus</i>	FT	--	--								X		
vernal pool fairy shrimp	<i>Branchinecta lynchi</i>	FT	--	--							X	X		
vernal pool tadpole shrimp	<i>Lepidurus packardii</i>	FE	--	--								X		
western mastiff bat	<i>Eumops perotis californicus</i>	--	--	CSC	X		X	X			X		X	
western pond turtle	<i>Emys marmorata</i>	--	--	CSC	X	X	X	X	X	X	X	X	X	
western red bat	<i>Lasiurus blossevillii</i>	--	--	CSC		X	X	X				X		
western snowy plover	<i>Charadrius alexandrinus nivosus</i>	FT	--	CSC			X	X	X	X	X	X	X	
western spadefoot	<i>Spea hammondi</i>	--	--	CSC				X		X			X	
western yellow-billed cuckoo	<i>Coccyzus americanus occidentalis</i>	FC	CE	--							X			
white-tailed kite	<i>Elanus leucurus</i>	--	--	FP	X	X		X	X		X	X	X	
yellow warbler	<i>Dendroica petechia brewsteri</i>	--	--	CSC	X					X				
yellow-headed blackbird	<i>Xanthocephalus xanthocephalus</i>	--	--	CSC	X									
Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>	FE	--	--		X			X				X	
Natural Communities														
Alkali Seep	<i>Alkali Seep</i>	--	--	--							X			
Central Dune Scrub	<i>Central Dune Scrub</i>	--	--	--			X			X	X		X	
Central Foredunes	<i>Central Foredunes</i>	--	--	--						X				
Central Maritime Chaparral	<i>Central Maritime Chaparral</i>	--	--	--			X			X	X		X	
Coastal and Valley Freshwater Marsh	<i>Coastal and Valley Freshwater Marsh</i>	--	--	--						X	X		X	
Coastal Brackish Marsh	<i>Coastal Brackish Marsh</i>	--	--	--					X		X	X	X	
Maritime Coast Range Ponderosa Pine Forest	<i>Maritime Coast Range Ponderosa Pine Forest</i>	--	--	--					X					
Monterey Cypress Forest	<i>Monterey Cypress Forest</i>	--	--	--			X							
Monterey Pine Forest	<i>Monterey Pine Forest</i>	--	--	--			X		X		X		X	
Monterey Pygmy Cypress Forest	<i>Monterey Pygmy Cypress Forest</i>	--	--	--			X							
N. Central Coast Calif.	<i>N. Central Coast Calif.</i>	--	--	--					X					
Roach/Stickleback/Steelhead Stream	<i>Roach/Stickleback/Steelhead Stream</i>	--	--	--						X				
North Central Coast Drainage Sacramento Sucker/Roach River	<i>North Central Coast Drainage Sacramento Sucker/Roach River</i>	--	--	--				X	X				X	
North Central Coast Fall-Run Steelhead Stream	<i>North Central Coast Fall-Run Steelhead Stream</i>	--	--	--			X							
North Central Coast Short-Run Coho Stream	<i>North Central Coast Short-Run Coho Stream</i>	--	--	--					X					
North Central Coast Steelhead/Sculpin Stream	<i>North Central Coast Steelhead/Sculpin Stream</i>	--	--	--					X					
Northern Bishop Pine Forest	<i>Northern Bishop Pine Forest</i>	--	--	--			X							
Northern Claypan Vernal Pool	<i>Northern Claypan Vernal Pool</i>	--	--	--								X		
Northern Coastal Salt Marsh	<i>Northern Coastal Salt Marsh</i>	--	--	--	X			X	X		X	X	X	
Northern Interior Cypress Forest	<i>Northern Interior Cypress Forest</i>	--	--	--					X		X			
Northern Maritime Chaparral	<i>Northern Maritime Chaparral</i>	--	--	--	X				X					
Sacramento-San Joaquin Coastal Lagoon	<i>Sacramento-San Joaquin Coastal Lagoon</i>	--	--	--					X					
Serpentine Bunchgrass	<i>Serpentine Bunchgrass</i>	--	--	--	X	X		X	X		X	X		
Southern Vernal Pool	<i>Southern Vernal Pool</i>	--	--	--						X				
Sycamore Alluvial Woodland	<i>Sycamore Alluvial Woodland</i>	--	--	--			X	X						
Valley Needlegrass Grassland	<i>Valley Needlegrass Grassland</i>	--	--	--	X		X		X	X	X		X	
Valley Oak Woodland	<i>Valley Oak Woodland</i>	--	--	--			X	X			X			

Note: Only USFS Ecological Sections and Subsection containing State park units are listed
 * CNDDDB Occurrences supplemented by California Wildlife Habitat Relationships species ranges
 ** CNDDDB Occurrences associated to nearest Ecological Subsection

¹ Status definitions:

Federal Endangered Species Act (FESA):

- FE Endangered
- FT Threatened
- FPE Proposed Endangered
- FPT Proposed Threatened
- FC Candidate
- FD Delisted

California Endangered Species Act (CESA):

- CE Endangered
- CT Threatened
- CR Rare
- CCE Candidate Endangered
- CD Delisted

Other California Department of Fish and Game (DFG):

- FP Fully Protected under the California Fish and Game Code
- CSC Considered California species of special concern by DFG (no formal protection other than CEQA consideration)

California Rare Plant Rank (CRPR):

- List 1A Plants Presumed Extinct in California
- List 1B Plants Rare, Threatened, or Endangered in California and Elsewhere
 - 0.1 Seriously threatened in California (high degree/immediacy of threat)
 - 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
 - 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)
- List 2 Plants Rare, Threatened, or Endangered in California, but More Common Elsewhere
 - 0.1 Seriously threatened in California (high degree/immediacy of threat)
 - 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
 - 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)
- List 4 Plants of Limited Distribution - A Watch List
 - 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
 - 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)

Source: CNDDDB 2011; CA State Parks 2010; USFS 1997.

Table I-2. Known Occurrences of Special-Status Species in Ecological Sections and Subsections

Central California Coast Ranges Section

Common Name	Scientific Name	Status ¹			USFS Ecological Subsection				
		FESA	CESA	Other DFG	Diablo Range	Eastern Hills	Fremont-Livermore Hills and Valleys	Gabilan Range	Western Diablo Range
Plants									
alkali milk-vetch	<i>Astragalus tener</i> var. <i>tener</i>	--	--	1B.2		X	X		
Arburua Ranch jewel-flower	<i>Streptanthus insignis</i> ssp. <i>lyonii</i>	--	--	1B.2	X	X			
arcuate bush-mallow	<i>Malacothamnus arcuatus</i>	--	--	1B.2	X		X		X
bent-flowered fiddleneck	<i>Amsinckia lunaris</i>	--	--	1B.2		X			X
big tarplant	<i>Blepharizonia plumosa</i>	--	--	1B.1	X	X			
big-scale balsamroot	<i>Balsamorhiza macrolepis</i> var. <i>macrolepis</i>	--	--	1B.2			X		X
Brandegee's eriastrum	<i>Eriastrum brandegeae</i>	--	--	1B.2	X				
Brewer's western flax	<i>Hesperolinon breweri</i>	--	--	1B.2		X			
brittlescale	<i>Atriplex depressa</i>	--	--	1B.2		X	X		
California jewel-flower	<i>Caulanthus californicus</i>	FE	CE	1B.1		X			
caper-fruited tropidocarpum	<i>Tropidocarpum capparidum</i>	--	--	1B.1		X	X		
Carmel Valley malacothrix	<i>Malacothrix saxatilis</i> var. <i>arachnoidea</i>	--	--	1B.2	X				
chaparral harebell	<i>Campanula exigua</i>	--	--	1B.2	X		X		X
chaparral ragwort	<i>Senecio aphanactis</i>	--	--	2.2		X			
Congdon's tarplant	<i>Centromadia parryi</i> ssp. <i>congdonii</i>	--	--	1B.2		X	X	X	
Coyote ceanothus	<i>Ceanothus ferrisiae</i>	FE	--	1B.1			X		
delicate bluecup	<i>Githopsis tenella</i>	--	--	1B.3	X			X	
Diablo helianthella	<i>Helianthella castanea</i>	--	--	1B.2	X	X	X		
diamond-petaled California poppy	<i>Eschscholzia rhombipetala</i>	--	--	1B.1		X			
Eastwood's buckwheat	<i>Eriogonum eastwoodianum</i>	--	--	1B.3	X				
fragrant fritillary	<i>Fritillaria liliacea</i>	--	--	1B.2			X		
Gabilan Mountains manzanita	<i>Arctostaphylos gabilanensis</i>	--	--	1B.2				X	
Hall's bush-mallow	<i>Malacothamnus hallii</i>	--	--	1B.2	X		X		X
Hall's tarplant	<i>Deinandra halliana</i>	--	--	1B.1	X	X		X	
Hardham's evening-primrose	<i>Camissonia hardhamiae</i>	--	--	1B.2				X	
heartscale	<i>Atriplex cordulata</i>	--	--	1B.2		X	X		
Hernandez spineflower	<i>Chorizanthe biloba</i> var. <i>immemora</i>	--	--	1B.2	X	X		X	
hispid bird's-beak	<i>Chloropyron molle</i> ssp. <i>hispidum</i>	--	--	1B.1			X		
hooked popcorn-flower	<i>Plagiobothrys uncinatus</i>	--	--	1B.2	X			X	
Hoover's button-celery	<i>Eryngium aristulatum</i> var. <i>hooveri</i>	--	--	1B.1					X
Hospital Canyon larkspur	<i>Delphinium californicum</i> ssp. <i>interius</i>	--	--	1B.2	X	X	X		X
Indian Valley bush-mallow	<i>Malacothamnus aboriginum</i>	--	--	1B.2	X	X		X	
Jared's pepper-grass	<i>Lepidium jaredii</i> ssp. <i>jaredii</i>	--	--	1B.2		X			
Jolon clarkia	<i>Clarkia jolonensis</i>	--	--	1B.2				X	
large-flowered fiddleneck	<i>Amsinckia grandiflora</i>	FE	CE	1B.1	X	X			
legenere	<i>Legenere limosa</i>	--	--	1B.1					X
Lemmon's jewel-flower	<i>Caulanthus lemmonii</i>	--	--	1B.2	X	X		X	
lesser saltscale	<i>Atriplex minuscula</i>	--	--	1B.1		X	X		
Lime Ridge navarretia	<i>Navarretia gowenii</i>	--	--	1B.1	X				
Livermore tarplant	<i>Deinandra bacigalupii</i>	--	--	1B.2		X	X		
Loma Prieta hoita	<i>Hoita strobilina</i>	--	--	1B.1	X		X		
Lost Hills crownscale	<i>Atriplex coronata</i> var. <i>vallicola</i>	--	--	1B.2		X			
marsh microseris	<i>Microseris paludosa</i>	--	--	1B.2					X
Mason's neststraw	<i>Stylocline masonii</i>	--	--	1B.1		X			
Metcalf Canyon jewel-flower	<i>Streptanthus albidus</i> ssp. <i>albidus</i>	FE	--	1B.1			X		X
most beautiful jewel-flower	<i>Streptanthus albidus</i> ssp. <i>peramoenus</i>	--	--	1B.2			X		X
Mount Day rockcress	<i>Boechera rubicundula</i>	--	--	1B.1					X
Mt. Diablo buckwheat	<i>Eriogonum truncatum</i>	--	--	1B.1		X	X		
Mt. Diablo fairy-lantern	<i>Calochortus pulchellus</i>	--	--	1B.2		X			
Mt. Diablo manzanita	<i>Arctostaphylos auriculata</i>	--	--	1B.3		X			
Mt. Diablo phacelia	<i>Phacelia phacelioides</i>	--	--	1B.2	X				X
Mt. Hamilton coreopsis	<i>Leptosyne hamiltonii</i>	--	--	1B.2	X				X
Mt. Hamilton fountain thistle	<i>Cirsium fontinale</i> var. <i>campylon</i>	--	--	1B.2	X		X		
Mt. Hamilton jewel-flower	<i>Streptanthus callistus</i>	--	--	1B.3	X				X
Mt. Hamilton lomatium	<i>Lomatium observatorium</i>	--	--	1B.2	X				X
Munz's tidy-tips	<i>Layia munzii</i>	--	--	1B.2	X	X			
Napa western flax	<i>Hesperolinon</i> sp. nov. "serpentinum"	--	--	1B.1	X				
Norris' beard moss	<i>Didymodon norrisii</i>	--	--	2.2				X	
Oregon meconella	<i>Meconella oregana</i>	--	--	1B.1	X				
Pajaro manzanita	<i>Arctostaphylos pajaroensis</i>	--	--	1B.1				X	
pale-yellow layia	<i>Layia heterotricha</i>	--	--	1B.1	X	X		X	
palmate-bracted bird's-beak	<i>Chloropyron palmatum</i>	FE	CE	1B.1			X		
Panoche pepper-grass	<i>Lepidium jaredii</i> ssp. <i>alburum</i>	--	--	1B.2	X	X			
Pinnacles buckwheat	<i>Eriogonum nortonii</i>	--	--	1B.3	X			X	
prostrate vernal pool navarretia	<i>Navarretia prostrata</i>	--	--	1B.1	X		X		
rayless layia	<i>Layia discoidea</i>	--	--	1B.1	X				
recurved larkspur	<i>Delphinium recurvatum</i>	--	--	1B.2	X	X		X	
red-flowered bird's-foot-trefoil	<i>Acmispon rubriflorus</i>	--	--	1B.1	X				
Robbins' nemacladus	<i>Nemacladus secundiflorus</i> var. <i>robbinsii</i>	--	--	1B.2				X	
rock sanicle	<i>Sanicula saxatilis</i>	--	CR	1B.2					X
round-leaved filaree	<i>California macrophylla</i>	--	--	1B.1	X	X	X	X	
saline clover	<i>Trifolium hydrophilum</i>	--	--	1B.2			X		
San Benito evening-primrose	<i>Camissonia benitensis</i>	FT	--	1B.1	X				
San Benito fritillary	<i>Fritillaria viridea</i>	--	--	1B.2	X	X			
San Benito pentachaeta	<i>Pentachaeta exilis</i> ssp. <i>aeolica</i>	--	--	1B.2	X				X
San Francisco collinsia	<i>Collinsia multicolor</i>	--	--	1B.2			X		
San Joaquin spearscale	<i>Atriplex joaquiniana</i>	--	--	1B.2	X	X	X		X
San Joaquin woollythreads	<i>Monolopia congdonii</i>	FE	--	1B.2		X			
Santa Clara Valley dudleya	<i>Dudleya abramsii</i> ssp. <i>setchellii</i>	FE	--	1B.1			X		X
Santa Cruz Mountains pussypaws	<i>Calyptidium parryi</i> var. <i>hesseae</i>	--	--	1B.1		X			X
Santa Lucia dwarf rush	<i>Juncus luciensis</i>	--	--	1B.2				X	
Sharsmith's harebell	<i>Campanula sharsmithiae</i>	--	--	1B.2	X				
Sharsmith's onion	<i>Allium sharsmithiae</i>	--	--	1B.3	X	X			
shining navarretia	<i>Navarretia nigelliformis</i> ssp. <i>radians</i>	--	--	1B.2	X	X		X	
showy golden madia	<i>Madia radiata</i>	--	--	1B.1	X	X			X
slender silver moss	<i>Anomobryum julaceum</i>	--	--	2.2			X		
smooth lessingia	<i>Lessingia micradenia</i> var. <i>glabrata</i>	--	--	1B.2			X		X
talus fritillary	<i>Fritillaria falcata</i>	--	--	1B.2	X	X			
Temblor buckwheat	<i>Eriogonum temblorense</i>	--	--	1B.2	X	X			
Tiburon paintbrush	<i>Castilleja affinis</i> ssp. <i>neglecta</i>	FE	CT	1B.2			X		
Tracy's eriastrum	<i>Eriastrum tracyi</i>	--	CR	1B.2	X				
woodland woollythreads	<i>Monolopia gracilens</i>	--	--	1B.2			X		X
Wildlife									
Alameda whipsnake	<i>Masticophis lateralis euryxanthus</i>	FT	CT	--	X	X	X		X
American badger	<i>Taxidea taxus</i>	--	--	CSC	X	X	X	X	X
American peregrine falcon	<i>Falco peregrinus anatum</i>	FD	CD	FP			X	X	X
bald eagle	<i>Haliaeetus leucocephalus</i>	FD	CE	FP	X	X			X
Bay checkerspot butterfly	<i>Euphydryas editha bayensis</i>	FT	--	--			X		
big-eared kangaroo rat	<i>Dipodomys venustus elephantinus</i>	--	--	CSC	X			X	
blunt-nosed leopard lizard	<i>Gambelia sila</i>	FE	CE	FP		X			
burrowing owl	<i>Athene cunicularia</i>	--	--	CSC	X	X	X	X	X
California condor	<i>Gymnogyps californianus</i>	FE	CE	--	X			X	
California red-legged frog	<i>Rana draytonii</i>	FT	--	CSC	X	X	X	X	X
California tiger salamander	<i>Ambystoma californiense</i>	FT	CT	CSC	X	X	X	X	X
coast horned lizard	<i>Phrynosoma blainvillii</i>	--	--	CSC	X	X	X	X	X
Coast Range newt	<i>Taricha torosa</i>	--	--	CSC	X				
foothill yellow-legged frog	<i>Rana boylei</i>	--	--	CSC	X	X	X	X	X
giant kangaroo rat	<i>Dipodomys ingens</i>	FE	CE	--		X			
golden eagle	<i>Aquila chrysaetos</i>	--	--	FP		X	X	X	X
grasshopper sparrow	<i>Ammodramus savannarum</i>	--	--	CSC		X			

Table I-2. Known Occurrences of Special-Status Species in Ecological Sections and Subsections

Central California Coast Ranges Section

Common Name	Scientific Name	Status ¹			USFS Ecological Subsection				
		FESA	CESA	Other DFG	Diablo Range	Eastern Hills	Fremont-Livermore Hills and Valleys	Gabilan Range	Western Diablo Range
loggerhead shrike	<i>Lanius ludovicianus</i>	--	--	CSC		X	X		
long-eared owl	<i>Asio otus</i>	--	--	CSC				X	
longhorn fairy shrimp	<i>Branchinecta longiantenna</i>	FE	--	--	X	X	X		X
Monterey dusky-footed woodrat	<i>Neotoma macrotis luciana</i>	--	--	CSC	X				
mountain plover	<i>Charadrius montanus</i>	FPT	--	CSC		X			
Nelson's antelope squirrel	<i>Ammospermophilus nelsoni</i>	--	CT	--	X	X			
northern harrier	<i>Circus cyaneus</i>	--	--	CSC	X	X	X		
pallid bat	<i>Antrozous pallidus</i>	--	--	CSC	X	X	X	X	X
Salinas pocket mouse	<i>Perognathus inornatus psammophilus</i>	--	--	CSC				X	
San Francisco dusky-footed woodrat	<i>Neotoma fuscipes annectens</i>	--	--	CSC			X		
San Joaquin kit fox	<i>Vulpes macrotis mutica</i>	FE	CT	--	X	X	X	X	X
San Joaquin roach	<i>Lavinia symmetricus ssp. 1</i>	--	--	CSC		X			
San Joaquin whipsnake	<i>Masticophis flagellum ruddocki</i>	--	--	CSC	X	X	X	X	
short-nosed kangaroo rat	<i>Dipodomys nitratoides brevinasus</i>	--	--	CSC		X			
silvery legless lizard	<i>Anniella pulchra pulchra</i>	--	--	CSC	X	X		X	
steelhead - central California coast DPS	<i>Oncorhynchus mykiss irideus</i>	FT	--	--			X		
Swainson's hawk	<i>Buteo swainsoni</i>	--	CT	--		X			
Townsend's big-eared bat	<i>Corynorhinus townsendii</i>	--	--	CSC	X	X	X	X	
tricolored blackbird	<i>Agelaius tricolor</i>	--	--	CSC	X	X	X		
Tulare grasshopper mouse	<i>Onychomys torridus tularensis</i>	--	--	CSC	X	X			
two-striped garter snake	<i>Thamnophis hammondi</i>	--	--	CSC	X	X		X	
valley elderberry longhorn beetle	<i>Desmocerus californicus dimorphus</i>	FT	--	--		X			
vernal pool fairy shrimp	<i>Branchinecta lynchi</i>	FT	--	--	X	X	X		
western mastiff bat	<i>Eumops perotis californicus</i>	--	--	CSC		X		X	
western pond turtle	<i>Emys marmorata</i>	--	--	CSC	X	X	X	X	X
western red bat	<i>Lasiurus blossevillii</i>	--	--	CSC				X	
western spadefoot	<i>Spea hammondi</i>	--	--	CSC	X	X	X	X	
western yellow-billed cuckoo	<i>Coccyzus americanus occidentalis</i>	FC	CE	--	X				
white-tailed kite	<i>Elanus leucurus</i>	--	--	FP		X	X	X	
yellow-breasted chat	<i>Icteria virens</i>	--	--	CSC	X				
Natural Communities									
Alkali Meadow	<i>Alkali Meadow</i>	--	--	--		X			
Alkali Seep	<i>Alkali Seep</i>	--	--	--		X			
Cismontane Alkali Marsh	<i>Cismontane Alkali Marsh</i>	--	--	--		X			
Great Valley Cottonwood Riparian Forest	<i>Great Valley Cottonwood Riparian Forest</i>	--	--	--		X			
Great Valley Mesquite Scrub	<i>Great Valley Mesquite Scrub</i>	--	--	--	X	X			
Monvero Residual Dunes	<i>Monvero Residual Dunes</i>	--	--	--		X			
North Central Coast Drainage Sacramento Sucker/Roach River	<i>North Central Coast Drainage Sacramento Sucker/Roach River</i>	--	--	--	X				X
Northern Claypan Vernal Pool	<i>Northern Claypan Vernal Pool</i>	--	--	--		X			
Northern Vernal Pool	<i>Northern Vernal Pool</i>	--	--	--	X				
Serpentine Bunchgrass	<i>Serpentine Bunchgrass</i>	--	--	--			X		
Sycamore Alluvial Woodland	<i>Sycamore Alluvial Woodland</i>	--	--	--	X	X	X		X
Valley Needlegrass Grassland	<i>Valley Needlegrass Grassland</i>	--	--	--	X	X			
Valley Sink Scrub	<i>Valley Sink Scrub</i>	--	--	--		X	X	X	

Note: Only USFS Ecological Sections and Subsection containing State park units are listed
 * CNDDDB Occurrences supplemented by California Wildlife Habitat Relationships species ranges

** CNDDDB Occurrences associated to nearest

¹ Status definitions:

Federal Endangered Species Act (FESA):

- FE Endangered
- FT Threatened
- FPE Proposed Endangered
- FPT Proposed Threatened
- FC Candidate
- FD Delisted

California Endangered Species Act (CESA):

- CE Endangered
- CT Threatened
- CR Rare
- CCE Candidate Endangered
- CD Delisted

Other California Department of Fish and Game (DFG):

- FP Fully Protected under the California Fish and Game Code
- CSC Considered California species of special concern by DFG (no formal protection other than CEQA consideration)

California Rare Plant Rank (CRPR):

- List 1A *Plants Presumed Extinct in California*
- List 1B *Plants Rare, Threatened, or Endangered in California and Elsewhere*
 - 0.1 Seriously threatened in California (high degree/immediacy of threat)
 - 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
 - 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)
- List 2 *Plants Rare, Threatened, or Endangered in California, but More Common Elsewhere*
 - 0.1 Seriously threatened in California (high degree/immediacy of threat)
 - 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
 - 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)
- List 4 *Plants of Limited Distribution - A Watch List*
 - 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
 - 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)

Source: CNDDDB 2011; CA State Parks 2010; USFS 1997.

Table I-3. Known Occurrences of Special-Status Species in Ecological Sections and Subsections

Colorado Desert Section

Common Name	Scientific Name	Status ¹			USFS Ecological Subsection		
		FESA	CESA	Other DFG	Borrogo Valley-West Mesa	Coachella Valley	Imperial Valley
Plants							
Abrams' spurge	<i>Chamaesyce abramsiana</i>	--	--	2.2		X	X
Algodones Dunes sunflower	<i>Helianthus niveus ssp. tephrodes</i>	--	CE	1B.2	X		
annual rock-nettle	<i>Eucnide rupestris</i>	--	--	2.2	X		
Arizona pholistoma	<i>Pholistoma auritum var. arizonicum</i>	--	--	2.3	X		
Arizona spurge	<i>Chamaesyce arizonica</i>	--	--	2.3	X	X	
Baja California ipomopsis	<i>Ipomopsis effusa</i>	--	--	2.1	X		
Booth's evening-primrose	<i>Camissonia boothii ssp. boothii</i>	--	--	2.3		X	
bristly scaleseed	<i>Spermolepis echinata</i>	--	--	2.3	X		
brown turbans	<i>Malperia tenuis</i>	--	--	2.3	X		X
California ayenia	<i>Ayenia compacta</i>	--	--	2.3	X	X	
California satintail	<i>Imperata brevifolia</i>	--	--	2.1		X	X
California saw-grass	<i>Cladium californicum</i>	--	--	2.2		X	X
chaparral sand-verbena	<i>Abronia villosa var. aurita</i>	--	--	1B.1	X	X	X
cliff spurge	<i>Euphorbia misera</i>	--	--	2.2		X	
Coachella Valley milk-vetch	<i>Astragalus lentiginosus var. coachellae</i>	FE	--	1B.2		X	
Deep Canyon snapdragon	<i>Antirrhinum cyathiferum</i>	--	--	2.3	X		
desert spike-moss	<i>Selaginella eremophila</i>	--	--	2.2	X	X	
dwarf germander	<i>Teucrium cubense ssp. depressum</i>	--	--	2.2	X		
Emory's crucifixion-thorn	<i>Castela emoryi</i>	--	--	2.3	X		
flat-seeded spurge	<i>Chamaesyce platysperma</i>	--	--	1B.2	X	X	
Gander's cryptantha	<i>Cryptantha ganderi</i>	--	--	1B.1	X		
glandular ditaxis	<i>Ditaxis claryana</i>	--	--	2.2		X	
hairy stickleaf	<i>Mentzelia hirsutissima</i>	--	--	2.3	X		X
Harwood's eriastrum	<i>Eriastrum harwoodii</i>	--	--	1B.2	X		
Harwood's milk-vetch	<i>Astragalus insularis var. harwoodii</i>	--	--	2.2	X		
jackass-clover	<i>Wislizenia refracta ssp. refracta</i>	--	--	2.2		X	
Lancaster milk-vetch	<i>Astragalus preussii var. laxiflorus</i>	--	--	1B.1		X	
Latimer's woodland-gilia	<i>Saltugilia latimeri</i>	--	--	1B.2		X	
lemon lily	<i>Lilium parryi</i>	--	--	1B.2		X	
Little San Bernardino Mtns. linanthus	<i>Linanthus maculatus</i>	--	--	1B.2		X	
little-leaf elephant tree	<i>Bursera microphylla</i>	--	--	2.3	X		
Mecca-aster	<i>Xylorhiza cognata</i>	--	--	1B.2		X	
Mountain Springs bush lupine	<i>Lupinus excubitus var. medius</i>	--	--	1B.3	X		
mud nama	<i>Nama stenocarpum</i>	--	--	2.2			X
Orcutt's woody-aster	<i>Xylorhiza orcuttii</i>	--	--	1B.2	X		
Orocopia sage	<i>Salvia greatae</i>	--	--	1B.3		X	X
Palmer's jackass clover	<i>Wislizenia refracta ssp. palmeri</i>	--	--	2.2	X		
Parish's brittle-scale	<i>Atriplex parishii</i>	--	--	1B.1		X	
Parish's desert-thorn	<i>Lycium parishii</i>	--	--	2.3	X		
Parry's spineflower	<i>Chorizanthe parryi var. parryi</i>	--	--	1B.1		X	
Peirson's milk-vetch	<i>Astragalus magdalenae var. peirsonii</i>	FT	CE	1B.2	X		
Peirson's pincushion	<i>Chaenactis carphoclinia var. peirsonii</i>	--	--	1B.3	X		
pink fairy-duster	<i>Calliandra eriophylla</i>	--	--	2.3	X		X
purple stemodia	<i>Stemodia durantifolia</i>	--	--	2.1		X	
pygmy lotus	<i>Acmispon haydonii</i>	--	--	1B.3	X		
sand evening-primrose	<i>Camissonia arenaria</i>	--	--	2.2		X	
sand food	<i>Pholisma sonora</i>	--	--	1B.2	X		X
Santa Rosa Mountains leptosiphon	<i>Leptosiphon floribundus ssp. hallii</i>	--	--	1B.3	X		
singlewhorl burrobrush	<i>Ambrosia monogyra</i>	--	--	2.2		X	
slender cottonheads	<i>Nemacaulis denudata var. gracilis</i>	--	--	2.2	X	X	
slender-stem bean	<i>Phaseolus filiformis</i>	--	--	2.1		X	
smooth tarplant	<i>Centromadia pungens ssp. laevis</i>	--	--	1B.1	X		
spear-leaf matelea	<i>Matelea parvifolia</i>	--	--	2.3	X		
spiny-hair blazing star	<i>Mentzelia tricuspis</i>	--	--	2.1		X	
triple-ribbed milk-vetch	<i>Astragalus tricarinatus</i>	FE	--	1B.2		X	X
white-bracted spineflower	<i>Chorizanthe xanti var. leucotheca</i>	--	--	1B.2		X	
Wildlife							
American badger	<i>Taxidea taxus</i>	--	--	CSC	X	X	X
arroyo toad	<i>Anaxyrus californicus</i>	FE	--	CSC		X	
barefoot gecko	<i>Coleonyx switaki</i>	--	CT	--	X		
big free-tailed bat	<i>Nyctinomops macrotis</i>	--	--	CSC		X	X
black skimmer	<i>Rynchops niger</i>	--	--	CSC		X	X
burrowing owl	<i>Athene cunicularia</i>	--	--	CSC	X	X	X
California black rail	<i>Laterallus jamaicensis coturniculus</i>	--	CT	FP	X		X
California brown pelican	<i>Pelecanus occidentalis californicus</i>	FD	CD	FP		X	X
California leaf-nosed bat	<i>Macrotus californicus</i>	--	--	CSC	X		
California red-legged frog	<i>Rana draytonii</i>	FT	--	CSC		X	
Casey's June beetle	<i>Dinacoma caseyi</i>	FPE	--	--		X	
Coachella Valley fringe-toed lizard	<i>Uma inornata</i>	FT	CE	--		X	
coast horned lizard	<i>Phrynosoma blainvillii</i>	--	--	CSC	X	X	
Colorado Desert fringe-toed lizard	<i>Uma notata</i>	--	--	CSC	X		
Couch's spadefoot	<i>Scaphiopus couchii</i>	--	--	CSC		X	X
Crissal thrasher	<i>Toxostoma crissale</i>	--	--	CSC		X	X
desert pupfish	<i>Cyprinodon macularius</i>	FE	CE	--	X	X	X
desert slender salamander	<i>Batrachoseps major aridus</i>	FE	CE	--		X	
desert tortoise	<i>Gopherus agassizii</i>	FT	CT	--		X	
flat-tailed horned lizard	<i>Phrynosoma mcallii</i>	--	--	CSC	X	X	X
Gila woodpecker	<i>Melanerpes uropygialis</i>	--	CE	--			X
gull-billed tern	<i>Gelochelidon nilotica</i>	--	--	CSC		X	X
Le Conte's thrasher	<i>Toxostoma lecontei</i>	--	--	CSC	X	X	
least Bell's vireo	<i>Vireo bellii pusillus</i>	FE	CE	--	X	X	
loggerhead shrike	<i>Lanius ludovicianus</i>	--	--	CSC	X	X	
lowland (=Yavapai, San Sebastian & San Felipe) leopard frog	<i>Lithobates yavapaiensis</i>	--	--	CSC	X		X
mountain plover	<i>Charadrius montanus</i>	FPT	--	CSC		X	X
northern leopard frog	<i>Lithobates pipiens</i>	--	--	CSC			X
orangethroat whiptail	<i>Aspidoscelis hyperythra</i>	--	--	CSC		X	
pallid bat	<i>Antrozous pallidus</i>	--	--	CSC	X	X	
pallid San Diego pocket mouse	<i>Chaetodipus fallax pallidus</i>	--	--	CSC	X	X	
Palm Springs pocket mouse	<i>Perognathus longimembris bangsi</i>	--	--	CSC		X	X
Palm Springs round-tailed ground squirrel	<i>Xerospermophilus tereticaudus chlorus</i>	--	--	CSC		X	
peninsular bighorn sheep	<i>Ovis canadensis nelsoni DPS</i>	FE	CT	FP	X	X	
pocketed free-tailed bat	<i>Nyctinomops femorosaccus</i>	--	--	CSC	X	X	X
razorback sucker	<i>Xyrauchen texanus</i>	FE	CE	FP			X
red-diamond rattlesnake	<i>Crotalus ruber</i>	--	--	CSC	X	X	
San Diego black-tailed jackrabbit	<i>Lepus californicus bennettii</i>	--	--	CSC	X		
San Diego desert woodrat	<i>Neotoma lepida intermedia</i>	--	--	CSC		X	
sandstone night lizard	<i>Xantusia gracilis</i>	--	--	CSC	X		
short-eared owl	<i>Asio flammeus</i>	--	--	CSC			X
Sierra Madre yellow-legged frog	<i>Rana muscosa</i>	FE	CCE	CSC		X	
Sonoran desert toad	<i>Incilius alvarius</i>	--	--	CSC			X
southern rubber boa	<i>Charina umbratica</i>	--	CT	--		X	
spotted bat	<i>Euderma maculatum</i>	--	--	CSC		X	
Townsend's big-eared bat	<i>Corynorhinus townsendii</i>	--	--	CSC	X		
two-striped garter snake	<i>Thamnophis hammondi</i>	--	--	CSC		X	
vermillion flycatcher	<i>Pyrocephalus rubinus</i>	--	--	CSC		X	X
western mastiff bat	<i>Eumops perotis californicus</i>	--	--	CSC	X	X	X
western yellow bat	<i>Lasiurus xanthinus</i>	--	--	CSC	X	X	X
yellow warbler	<i>Dendroica petechia brewsteri</i>	--	--	CSC		X	X

Table I-3. Known Occurrences of Special-Status Species in Ecological Sections and Subsections

Colorado Desert Section

Common Name	Scientific Name	Status ¹			USFS Ecological Subsection		
		FESA	CESA	Other DFG	Borrogo Valley-West Mesa	Coachella Valley	Imperial Valley
yellow-breasted chat	<i>Icteria virens</i>	--	--	CSC		X	X
Yuma clapper rail	<i>Rallus longirostris yumanensis</i>	FE	CT	FP		X	X
Yuma hispid cotton rat	<i>Sigmodon hispidus eremicus</i>	--	--	CSC			X
Natural Communities							
Active Desert Dunes	<i>Active Desert Dunes</i>	--	--	--	X		
Crucifixion Thorn Woodland	<i>Crucifixion Thorn Woodland</i>	--	--	--	X		
Desert Fan Palm Oasis Woodland	<i>Desert Fan Palm Oasis Woodland</i>	--	--	--	X	X	X
Mesquite Bosque	<i>Mesquite Bosque</i>	--	--	--	X		
Stabilized and Partially Stabilized Desert Dunes	<i>Stabilized and Partially Stabilized Desert Dunes</i>	--	--	--	X		
Transmontane Alkali Marsh	<i>Transmontane Alkali Marsh</i>	--	--	--	X		
<p>Note: Only USFS Ecological Sections and Subsection containing State park units are listed * CNDDDB Occurrences supplemented by California Wildlife Habitat Relationships species ranges ** CNDDDB Occurrences associated to nearest ¹ Status definitions:</p> <p>Federal Endangered Species Act (FESA): FE Endangered FT Threatened FPE Proposed Endangered FPT Proposed Threatened FC Candidate FD Delisted</p> <p>California Endangered Species Act (CESA): CE Endangered CT Threatened CR Rare CCE Candidate Endangered CD Delisted</p> <p>Other California Department of Fish and Game (DFG): FP Fully Protected under the California Fish and Game Code CSC Considered California species of special concern by DFG (no formal protection other than CEQA consideration)</p> <p>California Rare Plant Rank (CRPR): <i>List 1A Plants Presumed Extinct in California</i> <i>List 1B Plants Rare, Threatened, or Endangered in California and Elsewhere</i> 0.1 Seriously threatened in California (high degree/immediacy of threat) 0.2 Fairly threatened in California (moderate degree/immediacy of threat) 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known) <i>List 2 Plants Rare, Threatened, or Endangered in California, but More Common Elsewhere</i> 0.1 Seriously threatened in California (high degree/immediacy of threat) 0.2 Fairly threatened in California (moderate degree/immediacy of threat) 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known) <i>List 4 Plants of Limited Distribution - A Watch List</i> 0.2 Fairly threatened in California (moderate degree/immediacy of threat) 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)</p>							
Source: CNDDDB 2011; CA State Parks 2010; USFS 1997.							

Table I-4. Known Occurrences of Special-Status Species in Ecological Sections and Subsections

Great Valley Section

Common Name	Scientific Name	Status ¹			USFS Ecological Subsection													
		FESA	CESA	Other DFG	Butte Sink-Sutter Basin	Camanche Terraces	Delta	Granitic Alluvial Fans and Terraces	Hardpan Terraces	Maricopa-Merced Alluvium	North Valley Alluvium	River Alluvium	San Joaquin Basin	Sodic Claypan Terraces	South Valley Alluvium and Basins	Tulare Basin	Westside Alluvial Fans and Terraces	Yolo-American Basins
soft bird's-beak	<i>Chloropyron molle ssp. molle</i>	FE	CR	1B.2			X							X				
spiny-sepaled button-celery	<i>Eryngium spinosepalum</i>	--	--	1B.2		X		X	X									
Stony Creek spurge	<i>Chamaesyce ocellata ssp. rattanii</i>	--	--	1B.2						X								
striped adobe-lily	<i>Fritillaria striata</i>	--	CT	1B.1				X	X						X			
subtle orache	<i>Atriplex subtilis</i>	--	--	1B.2	X			X	X	X				X				
succulent owl's-clover	<i>Castilleja campestris ssp. succulenta</i>	FT	CE	1B.2		X			X	X								
Suisun Marsh aster	<i>Symphytotrichum lentum</i>	--	--	1B.2			X			X			X				X	X
Suisun thistle	<i>Cirsium hydrophilum var. hydrophilum</i>	FE	--	1B.1			X											
Tejon poppy	<i>Eschscholzia lemmonii ssp. kernensis</i>	--	--	1B.1										X				
Temblor buckwheat	<i>Eriogonum temblorense</i>	--	--	1B.2													X	
Tuolumne button-celery	<i>Eryngium pinnatisectum</i>	--	--	1B.2		X												
Vasek's clarkia	<i>Clarkia tembloriensis ssp. calientensis</i>	--	--	1B.1					X									
veiny monardella	<i>Monardella douglasii ssp. venosa</i>	--	--	1B.1	X				X			X						
vernal pool smallscale	<i>Atriplex persistens</i>	--	--	1B.2				X	X	X		X	X					
watershield	<i>Brasenia schreberi</i>	--	--	2.3	X		X						X					
woolly rose-mallow	<i>Hibiscus lasiocarpus var. occidentalis</i>	--	--	1B.2	X		X		X		X	X	X				X	X
Wright's trichocoronis	<i>Trichocoronis wrightii var. wrightii</i>	--	--	2.1							X	X	X					
Wildlife																		
Alameda whipsnake	<i>Masticophis lateralis euryxanthus</i>	FT	CT	--			X										X	
American badger	<i>Taxidea taxus</i>	--	--	CSC	X	X		X	X	X	X		X	X	X		X	X
American peregrine falcon	<i>Falco peregrinus anatum</i>	FD	CD	FP	X		X		X		X							
bald eagle	<i>Haliaeetus leucocephalus</i>	FD	CE	FP		X			X			X		X				
bank swallow	<i>Riparia riparia</i>	--	CT	--	X	X	X	X	X		X	X						X
blunt-nosed leopard lizard	<i>Gambelia sila</i>	FE	CE	FP				X	X	X				X	X	X	X	
Buena Vista Lake shrew	<i>Sorex ornatus relictus</i>	FE	--	--										X				
burrowing owl	<i>Athene cunicularia</i>	--	--	CSC	X	X	X	X	X	X	X		X	X	X	X	X	X
California black rail	<i>Laterallus jamaicensis coturniculus</i>	--	CT	FP	X		X		X				X				X	
California clapper rail	<i>Rallus longirostris obsoletus</i>	FE	CE	FP			X											
California condor	<i>Gymnogyps californianus</i>	FE	CE	--					X									
California least tern	<i>Sternula antillarum browni</i>	FE	CE	FP			X											
California red-legged frog	<i>Rana draytonii</i>	FT	--	CSC														X
California tiger salamander	<i>Ambystoma californiense</i>	FT	CT	CSC	X	X		X	X	X		X	X				X	X
chinook salmon - Central Valley spring-run ESU	<i>Oncorhynchus tshawytscha</i>	FT	CT	--					X		X							X
chinook salmon - Sacramento River winter-run ESU	<i>Oncorhynchus tshawytscha</i>	FE	CE	--						X								X
coast horned lizard	<i>Phrynosoma blainvillii</i>	--	--	CSC				X				X		X			X	
Conservancy fairy shrimp	<i>Branchinecta conservatio</i>	FE	--	--					X	X	X		X	X				X
Delta green ground beetle	<i>Elaphrus viridis</i>	FT	--	--									X					
Delta smelt	<i>Hypomesus transpacificus</i>	FT	CE	--			X						X					X
Dulzura pocket mouse	<i>Chaetodipus californicus femoralis</i>	--	--	CSC										X				
foothill yellow-legged frog	<i>Rana boylei</i>	--	--	CSC					X		X		X					
Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>	FE	CE	--				X	X									
fulvous whistling-duck	<i>Dendrocygna bicolor</i>	--	--	CSC										X	X			
giant garter snake	<i>Thamnophis gigas</i>	FT	CT	--	X		X	X	X	X	X	X	X	X	X	X	X	X
giant kangaroo rat	<i>Dipodomys ingens</i>	FE	CE	--										X			X	
golden eagle	<i>Aquila chrysaetos</i>	--	--	FP		X			X						X	X		
grasshopper sparrow	<i>Ammodramus savannarum</i>	--	--	CSC		X			X									X
greater sandhill crane	<i>Grus canadensis tabida</i>	--	CT	FP	X				X		X							
hardhead	<i>Mylopharodon conocephalus</i>	--	--	CSC		X			X	X		X	X					
Kern brook lamprey	<i>Entosphenus hubbsi</i>	--	--	CSC		X			X					X				
Lange's metalmark butterfly	<i>Apodemia mormo langei</i>	FE	--	--			X						X				X	
Le Conte's thrasher	<i>Toxostoma lecontei</i>	--	--	CSC										X				
least Bell's vireo	<i>Vireo bellii pusillus</i>	FE	CE	--									X					X
loggerhead shrike	<i>Lanius ludovicianus</i>	--	--	CSC					X									X
long-eared owl	<i>Asio otus</i>	--	--	CSC										X				
longhorn fairy shrimp	<i>Branchinecta longiantenna</i>	FE	--	--						X			X					X
Marysville California kangaroo rat	<i>Dipodomys californicus eximius</i>	--	--	CSC	X													
mountain plover	<i>Charadrius montanus</i>	FPT	--	CSC		X		X	X		X	X	X	X	X	X	X	X
Nelson's antelope squirrel	<i>Ammospermophilus nelsoni</i>	--	CT	--				X	X			X	X	X	X	X	X	
northern harrier	<i>Circus cyaneus</i>	--	--	CSC	X	X	X		X			X					X	
northern leopard frog	<i>Lithobates pipiens</i>	--	--	CSC					X			X		X				
pallid bat	<i>Antrozous pallidus</i>	--	--	CSC	X	X		X	X	X	X	X						
purple martin	<i>Progne subis</i>	--	--	CSC					X									X
riparian (=San Joaquin Valley) woodrat	<i>Neotoma fuscipes riparia</i>	FE	--	CSC									X				X	
riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>	FE	CE	--									X				X	
Sacramento perch	<i>Archoplites interruptus</i>	--	--	CSC			X										X	X
Sacramento splittail	<i>Pogonichthys macrolepidotus</i>	--	--	CSC			X				X		X					X
saltmarsh common yellowthroat	<i>Geothlypis trichas sinuosa</i>	--	--	CSC			X											
salt-marsh harvest mouse	<i>Reithrodontomys raviventris</i>	FE	CE	FP			X						X				X	
San Joaquin kit fox	<i>Vulpes macrotis mutica</i>	FE	CT	--		X	X	X	X	X		X		X	X	X	X	
San Joaquin whipsnake	<i>Masticophis flagellum ruddocki</i>	--	--	CSC					X					X			X	
short-eared owl	<i>Asio flammeus</i>	--	--	CSC			X											
short-nosed kangaroo rat	<i>Dipodomys nitratoides brevinasus</i>	--	--	CSC										X				

Table I-4. Known Occurrences of Special-Status Species in Ecological Sections and Subsections

Great Valley Section

Common Name	Scientific Name	Status ¹			USFS Ecological Subsection													
		FESA	CESA	Other DFG	Butte Sink-Suffer Basin	Camanche Terraces	Delta	Granitic Alluvial Fans and Terraces	Hardpan Terraces	Maricopa-Merced Alluvium	North Valley Alluvium	River Alluvium	San Joaquin Basin	Sodic Claypan Terraces	South Valley Alluvium and Basins	Tulare Basin	Westside Alluvial Fans and Terraces	Yolo-American Basins
Sierra Nevada red fox	<i>Vulpes vulpes necator</i>	--	CT	--						X								
silvery legless lizard	<i>Anniella pulchra pulchra</i>	--	--	CSC			X	X		X					X		X	
Suisun shrew	<i>Sorex ornatus sinuosus</i>	--	--	CSC			X											
Suisun song sparrow	<i>Melospiza melodia maxillaris</i>	--	--	CSC			X		X	X							X	
Swainson's hawk	<i>Buteo swainsoni</i>	--	CT	--	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Tipton kangaroo rat	<i>Dipodomys nitratooides nitratooides</i>	FE	CE	--					X									
Townsend's big-eared bat	<i>Corynorhinus townsendii</i>	--	--	CSC		X					X							
tricolored blackbird	<i>Agelaius tricolor</i>	--	--	CSC	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Tulare grasshopper mouse	<i>Onychomys torridus tularensis</i>	--	--	CSC					X						X	X	X	
two-striped garter snake	<i>Thamnophis hammondi</i>	--	--	CSC				X										
valley elderberry longhorn beetle	<i>Desmocerus californicus dimorphus</i>	FT	--	--	X	X	X	X	X	X	X	X	X	X	X	X	X	X
vernal pool fairy shrimp	<i>Branchinecta lynchi</i>	FT	--	--	X	X	X	X	X	X	X	X	X	X	X	X	X	X
vernal pool tadpole shrimp	<i>Lepidurus packardii</i>	FE	--	--		X		X	X	X	X	X	X	X	X	X	X	X
western mastiff bat	<i>Eumops perotis californicus</i>	--	--	CSC		X		X	X	X	X	X	X	X	X	X	X	X
western pond turtle	<i>Emys marmorata</i>	--	--	CSC	X	X	X	X	X	X	X	X	X	X	X	X	X	X
western red bat	<i>Lasiurus blossevillii</i>	--	--	CSC		X	X	X	X	X	X	X	X	X	X	X	X	X
western snowy plover	<i>Charadrius alexandrinus nivosus</i>	FT	--	CSC										X	X		X	
western spadefoot	<i>Spea hammondi</i>	--	--	CSC		X		X	X	X		X					X	
western yellow-billed cuckoo	<i>Coccyzus americanus occidentalis</i>	FC	CE	--	X			X	X	X	X	X	X	X	X	X	X	X
white-tailed kite	<i>Elanus leucurus</i>	--	--	FP		X			X		X		X	X			X	X
willow flycatcher	<i>Empidonax traillii</i>	--	CE	--					X									
yellow rail	<i>Coturnicops noveboracensis</i>	--	--	CSC									X				X	
yellow warbler	<i>Dendroica petechia brewsteri</i>	--	--	CSC					X		X		X					
yellow-breasted chat	<i>Icteria virens</i>	--	--	CSC		X			X		X							
yellow-headed blackbird	<i>Xanthocephalus xanthocephalus</i>	--	--	CSC						X		X	X	X				X
Natural Communities																		
Alkali Meadow	<i>Alkali Meadow</i>	--	--	--						X								X
Alkali Seep	<i>Alkali Seep</i>	--	--	--						X					X			
Central Valley Drainage Fall Run Chinook Stream	<i>Central Valley Drainage Fall Run Chinook Stream</i>	--	--	--							X							
Central Valley Drainage Hardhead/Squawfish Stream	<i>Central Valley Drainage Hardhead/Squawfish Stream</i>	--	--	--							X							
Central Valley Drainage Valley Floor River	<i>Central Valley Drainage Valley Floor River</i>	--	--	--							X							
Cismontane Alkali Marsh	<i>Cismontane Alkali Marsh</i>	--	--	--								X						X
Coastal and Valley Freshwater Marsh	<i>Coastal and Valley Freshwater Marsh</i>	--	--	--	X		X	X	X	X	X	X	X	X	X	X	X	X
Coastal Brackish Marsh	<i>Coastal Brackish Marsh</i>	--	--	--			X						X				X	
Elderberry Savanna	<i>Elderberry Savanna</i>	--	--	--					X				X					X
Great Valley Cottonwood Riparian Forest	<i>Great Valley Cottonwood Riparian Forest</i>	--	--	--					X		X	X	X	X	X	X	X	X
Great Valley Mesquite Scrub	<i>Great Valley Mesquite Scrub</i>	--	--	--											X			
Great Valley Mixed Riparian Forest	<i>Great Valley Mixed Riparian Forest</i>	--	--	--	X			X	X	X	X	X	X	X				
Great Valley Valley Oak Riparian Forest	<i>Great Valley Valley Oak Riparian Forest</i>	--	--	--	X		X	X	X	X	X	X	X	X				
Great Valley Willow Scrub	<i>Great Valley Willow Scrub</i>	--	--	--					X		X	X						
lone Chaparral	<i>lone Chaparral</i>	--	--	--		X												
Monvero Residual Dunes	<i>Monvero Residual Dunes</i>	--	--	--														X
Northern Basalt Flow Vernal Pool	<i>Northern Basalt Flow Vernal Pool</i>	--	--	--					X									
Northern Claypan Vernal Pool	<i>Northern Claypan Vernal Pool</i>	--	--	--			X	X	X	X		X	X				X	
Northern Hardpan Vernal Pool	<i>Northern Hardpan Vernal Pool</i>	--	--	--	X	X		X	X	X	X	X	X					
Northern Volcanic Mud Flow Vernal Pool	<i>Northern Volcanic Mud Flow Vernal Pool</i>	--	--	--	X				X									
Stabilized Interior Dunes	<i>Stabilized Interior Dunes</i>	--	--	--						X								X
Sycamore Alluvial Woodland	<i>Sycamore Alluvial Woodland</i>	--	--	--				X	X									X
Valley Needlegrass Grassland	<i>Valley Needlegrass Grassland</i>	--	--	--					X				X	X				
Valley Oak Woodland	<i>Valley Oak Woodland</i>	--	--	--					X				X					
Valley Sacaton Grassland	<i>Valley Sacaton Grassland</i>	--	--	--				X	X			X	X	X	X			
Valley Saltbush Scrub	<i>Valley Saltbush Scrub</i>	--	--	--											X	X		
Valley Sink Scrub	<i>Valley Sink Scrub</i>	--	--	--				X				X	X	X	X	X	X	X

Note: Only USFS Ecological Sections and Subsection containing State park units are listed
 * CNDDDB Occurrences supplemented by California Wildlife Habitat Relationships species ranges
 ** CNDDDB Occurrences associated to nearest Ecological Subsection

¹ Status definitions:

Federal Endangered Species Act (FESA):

- FE Endangered
- FT Threatened
- FPE Proposed Endangered
- FPT Proposed Threatened
- FC Candidate
- FD Delisted

California Endangered Species Act (CESA):

- CE Endangered
- CT Threatened
- CR Rare
- CCE Candidate Endangered
- CD Delisted

Other California Department of Fish and Game (DFG):

- FP Fully Protected under the California Fish and Game Code
- CSC Considered California species of special concern by DFG (no formal protection other than CEQA consideration)

California Rare Plant Rank (CRPR):

- List 1A Plants Presumed Extinct in California
- List 1B Plants Rare, Threatened, or Endangered in California and Elsewhere
 - 0.1 Seriously threatened in California (high degree/immediacy of threat)
 - 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
 - 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)
- List 2 Plants Rare, Threatened, or Endangered in California, but More Common Elsewhere
 - 0.1 Seriously threatened in California (high degree/immediacy of threat)
 - 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
 - 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)
- List 4 Plants of Limited Distribution - A Watch List
 - 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
 - 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)

Source: CNDDDB 2011; CA State Parks 2010; USFS 1997.

Table I-5. Known Occurrences of Special-Status Species in Ecological Sections and Subsections

Klamath Mountains Section

Common Name	Scientific Name	Status ¹			USFS Ecological Subsection				
		FESA	CESA	Other DFG	Eastern Klamath Mountains	Cascades Mountains Ultramafics	Oregon Mountains	Upper Scott Mountains	Western Jurassic
Plants									
Aleppo avens	<i>Geum aleppicum</i>	--	--	2.2	X				
alkali hymenoxys	<i>Hymenoxys lemmonii</i>	--	--	2.2				X	
Bald Mountain milk-vetch	<i>Astragalus umbraticus</i>	--	--	2.3		X			X
blue alpine phacelia	<i>Phacelia sericea</i> var. <i>ciliosa</i>	--	--	2.3				X	
blushing wild buckwheat	<i>Eriogonum ursinum</i> var. <i>erubescens</i>	--	--	1B.3	X		X		
bristle-stalked sedge	<i>Carex leptalea</i>	--	--	2.2	X				X
bristly sedge	<i>Carex comosa</i>	--	--	2.1	X				
broad-nerved hump moss	<i>Meesia uliginosa</i>	--	--	2.2	X				
brownish beaked-rush	<i>Rhynchospora capitellata</i>	--	--	2.2	X				
buttercup-leaf suksdorfia	<i>Hemieva ranunculifolia</i>	--	--	2				X	
California globe mallow	<i>Iliamna latibracteata</i>	--	--	1B.2					X
Callahan's mariposa-lily	<i>Calochortus syntrophus</i>	--	--	1B.1	X				
Canadian buffalo-berry	<i>Shepherdia canadensis</i>	--	--	2.1				X	
Cantelow's lewisia	<i>Lewisia cantelovii</i>	--	--	1B.2	X				
Canyon Creek stonecrop	<i>Sedum obtusatum</i> ssp. <i>paradisum</i>	--	--	1B.3	X			X	
Cascade grass-of-Parnassus	<i>Parnassia cirrata</i> var. <i>intermedia</i>	--	--	2.2	X			X	
Cascade stonecrop	<i>Sedum divergens</i>	--	--	2.3				X	
Castle Crags harebell	<i>Campanula shetleri</i>	--	--	1B.3	X			X	
Castle Crags ivesia	<i>Ivesia longibracteata</i>	--	--	1B.3	X			X	
coast fawn lily	<i>Erythronium revolutum</i>	--	--	2.2		X			X
Coast Range lomatium	<i>Lomatium martindalei</i>	--	--	2.3		X			X
Columbia yellow cress	<i>Rorippa columbiae</i>	--	--	1B.2					X
crested potentilla	<i>Potentilla cristae</i>	--	--	1B.3	X			X	
cylindrical trichodon	<i>Trichodon cylindricus</i>	--	--	2.2				X	
Del Norte pyrrocoma	<i>Pyrrocoma racemosa</i> var. <i>congesta</i>	--	--	2.3		X			X
Dudley's rush	<i>Juncus dudleyi</i>	--	--	2.3	X		X	X	X
Engelmann spruce	<i>Picea engelmannii</i>	--	--	2.2				X	
English Peak greenbrier	<i>Smilax jamesii</i>	--	--	1B.3	X			X	
ghost-pipe	<i>Monotropa uniflora</i>	--	--	2.2		X			
giant fawn lily	<i>Erythronium oregonum</i>	--	--	2.2					X
golden alpine draba	<i>Draba aureola</i>	--	--	1B.3				X	
Great Basin claytonia	<i>Claytonia umbellata</i>	--	--	2.3				X	
great burnet	<i>Sanguisorba officinalis</i>	--	--	2.2		X			X
green yellow sedge	<i>Carex viridula</i> var. <i>viridula</i>	--	--	2.3		X			
Greene's mariposa-lily	<i>Calochortus greenei</i>	--	--	1B.2				X	
Heckner's lewisia	<i>Lewisia cotyledon</i> var. <i>heckneri</i>	--	--	1B.2	X		X	X	X
horned butterwort	<i>Pinguicula macroceras</i>	--	--	2.2		X		X	X
Howell's alkali grass	<i>Puccinellia howellii</i>	--	--	1B.1	X				
Howell's fawn lily	<i>Erythronium howellii</i>	--	--	1B.3		X			X
Howell's jewel-flower	<i>Streptanthus howellii</i>	--	--	1B.2		X			X
Howell's montia	<i>Montia howellii</i>	--	--	2.2					X
Howell's sandwort	<i>Minuartia howellii</i>	--	--	1B.3		X			X
Jepson's horkelia	<i>Horkelia daucifolia</i> var. <i>indicta</i>	--	--	1B.1				X	
Josephine horkelia	<i>Horkelia congesta</i> ssp. <i>nemorosa</i>	--	--	2.1					X
Klamath fawn lily	<i>Erythronium klamathense</i>	--	--	2.2	X			X	
Klamath manzanita	<i>Arctostaphylos klamathensis</i>	--	--	1B.2	X			X	
Klamath Mountain catchfly	<i>Silene salmonacea</i>	--	--	1B.2	X				
Koehler's stipitate rock-cress	<i>Arabis koehleri</i> var. <i>stipitata</i>	--	--	1B.3		X			X
leafy reed grass	<i>Calamagrostis foliosa</i>	--	CR	4.2		X			
little hulsea	<i>Hulsea nana</i>	--	--	2.3	X			X	
little-leaved huckleberry	<i>Vaccinium scoparium</i>	--	--	2.2		X		X	
Lyall's tonestus	<i>Tonestus lyallii</i>	--	--	2.3				X	
maidenhair spleenwort	<i>Asplenium trichomanes</i> ssp. <i>trichomanes</i>	--	--	2.3		X			X
Marble Mountain campion	<i>Silene marmorensis</i>	--	--	1B.2					X
marbled wild-ginger	<i>Asarum marmoratum</i>	--	--	2.3	X				X
marsh skullcap	<i>Scutellaria galericulata</i>	--	--	2.2	X				
Mason's sky pilot	<i>Polemonium chartaceum</i>	--	--	1B.3				X	
McDonald's rock-cress	<i>Arabis mcdonaldiana</i>	FE	CE	1B.1		X			X
Mendocino gentian	<i>Gentiana setigera</i>	--	--	1B.2		X			
Mt. Eddy draba	<i>Draba camosula</i>	--	--	1B.3	X			X	
mud sedge	<i>Carex limosa</i>	--	--	2.2				X	
nodding vanilla-grass	<i>Hierochloa odorata</i>	--	--	2.3				X	
Norris' beard moss	<i>Didymodon norrisii</i>	--	--	2.2			X		
northern adder's-tongue	<i>Ophioglossum pusillum</i>	--	--	2.2	X				
northern clarkia	<i>Clarkia borealis</i> ssp. <i>borealis</i>	--	--	1B.3	X			X	
northern meadow sedge	<i>Carex praticola</i>	--	--	2.2					X
Nuttall's ribbon-leaved pondweed	<i>Potamogeton epihydrus</i>	--	--	2.2	X		X		
Nuttall's saxifrage	<i>Cascadia nuttallii</i>	--	--	2.1					X
opposite-leaved lewisia	<i>Lewisia oppositifolia</i>	--	--	2.2		X			X
Oregon fireweed	<i>Epilobium oregonum</i>	--	--	1B.2	X			X	
Oregon goldthread	<i>Coptis laciniata</i>	--	--	2.2		X			X
oval-leaved viburnum	<i>Viburnum ellipticum</i>	--	--	2.3	X				
Pacific gilia	<i>Gilia capitata</i> ssp. <i>pacifica</i>	--	--	1B.2		X			X
Pickering's ivesia	<i>Ivesia pickeringii</i>	--	--	1B.2	X			X	
porcupine sedge	<i>Carex hystericina</i>	--	--	2.1	X				
rattlesnake fern	<i>Botrychium virginianum</i>	--	--	2.2	X				
robust false lupine	<i>Thermopsis robusta</i>	--	--	1B.2		X			X
Sanford's arrowhead	<i>Sagittaria sanfordii</i>	--	--	1B.2	X				
scabrid alpine tarplant	<i>Anisocarpus scabridus</i>	--	--	1B.3	X				
Scott Mountain bedstraw	<i>Galium serpenticum</i> ssp. <i>scotticum</i>	--	--	1B.2				X	
Scott Mountain sandwort	<i>Minuartia stolonifera</i>	--	--	1B.3				X	
Scott Mountains fawn lily	<i>Erythronium citrinum</i> var. <i>roderickii</i>	--	--	1B.3	X			X	
Scott Valley phacelia	<i>Phacelia greenei</i>	--	--	1B.2				X	
seacoast ragwort	<i>Packera bolanderi</i> var. <i>bolanderi</i>	--	--	2.2		X			X
serpentine catchfly	<i>Silene serpenticola</i>	--	--	1B.2		X			X
serpentine rockcress	<i>Boechera serpenticola</i>	--	--	1B.2			X		
serpentine sedge	<i>Carex serpenticola</i>	--	--	2.3		X			X
Shasta ageratina	<i>Ageratina shastensis</i>	--	--	1B.2	X				
Shasta chaenactis	<i>Chaenactis suffrutescens</i>	--	--	1B.3	X		X	X	
Shasta clarkia	<i>Clarkia borealis</i> ssp. <i>arida</i>	--	--	1B.1	X				
Shasta orthocarpus	<i>Orthocarpus pachystachyus</i>	--	--	1B.1				X	
Shasta snow-wreath	<i>Neviusia cliffonii</i>	--	--	1B.2	X				
showy raillardella	<i>Raillardella pringlei</i>	--	--	1B.2				X	
Sierra blue grass	<i>Poa sierrae</i>	--	--	1B.3	X				
silky balsamroot	<i>Balsamorhiza sericea</i>	--	--	1B.3				X	
silky cryptantha	<i>Cryptantha crinita</i>	--	--	1B.2	X				
Siskiyou fireweed	<i>Epilobium siskiyouense</i>	--	--	1B.3	X		X	X	
Siskiyou paintbrush	<i>Castilleja miniata</i> ssp. <i>elata</i>	--	--	2.2		X			X
Siskiyou phacelia	<i>Phacelia leonis</i>	--	--	1B.3	X			X	
slender silver moss	<i>Anomobryum julaceum</i>	--	--	2.2			X		
small groundcone	<i>Kopsiopsis hookeri</i>	--	--	2.3		X			X
subalpine aster	<i>Eurybia merita</i>	--	--	2.3	X			X	
subalpine fir	<i>Abies lasiocarpa</i> var. <i>lasiocarpa</i>	--	--	2.3				X	
Sulphur Creek brodiaea	<i>Brodiaea matsonii</i>	--	--	1B.1	X				
thread-leaved beardtongue	<i>Penstemon filiformis</i>	--	--	1B.3	X			X	
Tracy's beardtongue	<i>Penstemon tracyi</i>	--	--	1B.3				X	
Trinity buckwheat	<i>Eriogonum alpinum</i>	--	CE	1B.2	X			X	
Waldo daisy	<i>Erigeron bloomeri</i> var. <i>nudatus</i>	--	--	2.3				X	X
Waldo rock-cress	<i>Arabis aculeolata</i>	--	--	2.2		X			X
Waldo wild buckwheat	<i>Eriogonum pendulum</i>	--	--	2.2		X			X

Table I-5. Known Occurrences of Special-Status Species in Ecological Sections and Subsections

Klamath Mountains Section

Common Name	Scientific Name	Status ¹			USFS Ecological Subsection																		
		FESA	CESA	Other DFG	Eastern Klamath Mountains	Gasquet Mountains Ultramafics	Oregon Mountains	Upper Scott Mountains	Western Jurassic														
water bulrush	<i>Schoenoplectus subterminalis</i>	--	--	2.3	X	X		X	X														
wayside aster	<i>Eucephalus vialis</i>	--	--	1B.2					X														
western ragwort	<i>Packera hesperia</i>	--	--	2.2					X														
western white bog violet	<i>Viola primulifolia ssp. occidentalis</i>	--	--	1B.2		X			X														
white beaked-rush	<i>Rhynchospora alba</i>	--	--	2.2				X															
white-flowered rein orchid	<i>Piperia candida</i>	--	--	1B.2		X	X		X														
Wilkin's harebell	<i>Campanula wilkinsiana</i>	--	--	1B.2				X															
Wolf's evening-primrose	<i>Oenothera wolfii</i>	--	--	1B.1					X														
woolly balsamroot	<i>Balsamorhiza lanata</i>	--	--	1B.2				X															
woolly pussy-toes	<i>Antennaria lanata</i>	--	--	2.2				X															
woolly-fruited sedge	<i>Carex lasiocarpa</i>	--	--	2.3	X																		
yellow-tubered toothwort	<i>Cardamine nuttallii var. gemmata</i>	--	--	1B.3		X			X														
Wildlife																							
American badger	<i>Taxidea taxus</i>	--	--	CSC			X																
American peregrine falcon	<i>Falco peregrinus anatum</i>	FD	CD	FP	X			X	X														
bald eagle	<i>Haliaeetus leucocephalus</i>	FD	CE	FP	X		X	X	X														
bigeye marbled sculpin	<i>Cottus klamathensis macrops</i>	--	--	CSC	X																		
black swift	<i>Cypseloides niger</i>	--	--	CSC	X	X		X	X														
bull trout	<i>Salvelinus confluentus</i>	FT	CE	--	X																		
California wolverine	<i>Gulo gulo</i>	FC	CT	FP	X			X	X														
Cascades frog	<i>Rana cascadae</i>	--	--	CSC	X			X															
chinook salmon - Central Valley spring-run ESU	<i>Oncorhynchus tshawytscha</i>	FT	CT	--	X																		
chinook salmon - Sacramento River winter-run ESU	<i>Oncorhynchus tshawytscha</i>	FE	CE	--	X																		
chinook salmon - spring-run Klamath-Trinity Rivers pop.	<i>Oncorhynchus tshawytscha</i>	--	--	CSC	X	X	X		X														
coast cutthroat trout	<i>Oncorhynchus clarkii clarkii</i>	--	--	CSC		X			X														
Del Norte salamander	<i>Plethodon elongatus</i>	--	--	CSC		X			X														
foothill yellow-legged frog	<i>Rana boylei</i>	--	--	CSC	X	X	X	X	X														
golden eagle	<i>Aquila chrysaetos</i>	--	--	FP			X																
hardhead	<i>Mylopharodon conocephalus</i>	--	--	CSC	X																		
Humboldt marten	<i>Martes americana humboldtensis</i>	--	--	CSC		X		X	X														
mardon skipper	<i>Polites mardon</i>	FC	--	--		X																	
McCloud River redband trout	<i>Oncorhynchus mykiss ssp. 2</i>	--	--	CSC	X																		
northern goshawk	<i>Accipiter gentilis</i>	--	--	CSC	X	X	X	X	X														
northern spotted owl	<i>Strix occidentalis caurina</i>	FT	--	CSC	X	X	X	X	X														
Oregon snowshoe hare	<i>Lepus americanus klamathensis</i>	--	--	CSC	X		X																
Pacific fisher	<i>Martes pennanti (pacifica) DPS</i>	FC	--	CSC	X	X	X	X	X														
Pacific tailed frog	<i>Ascaphus truei</i>	--	--	CSC	X	X	X	X	X														
pallid bat	<i>Antrozous pallidus</i>	--	--	CSC	X		X																
Pit roach	<i>Lavinia symmetricus mitrulus</i>	--	--	CSC	X																		
purple martin	<i>Progne subis</i>	--	--	CSC	X																		
rough sculpin	<i>Cottus asperimus</i>	--	CT	FP	X																		
Shasta salamander	<i>Hydromantes shastae</i>	--	CT	--	X																		
Sierra Nevada red fox	<i>Vulpes vulpes necator</i>	--	CT	--	X			X															
Siskiyou Mountains salamander	<i>Plethodon stormi</i>	--	CT	--					X														
Sonoma tree vole	<i>Arborimus pomc</i>	--	--	CSC		X			X														
southern torrent salamander	<i>Rhyacotriton variegatus</i>	--	--	CSC		X			X														
spotted bat	<i>Euderma maculatum</i>	--	--	CSC	X			X															
summer-run steelhead trout	<i>Oncorhynchus mykiss irideus</i>	--	--	CSC		X	X	X	X														
Townsend's big-eared bat	<i>Corynorhinus townsendii</i>	--	--	CSC	X																		
western mastiff bat	<i>Eumops perotis californicus</i>	--	--	CSC	X			X															
western pond turtle	<i>Emys marmorata</i>	--	--	CSC	X	X	X	X	X														
western red bat	<i>Lasiurus blossevillii</i>	--	--	CSC	X		X																
western yellow-billed cuckoo	<i>Coccyzus americanus occidentalis</i>	FC	CE	--	X																		
willow flycatcher	<i>Empidonax traillii</i>	--	CE	--	X																		
Natural Communities																							
Alkali Seep	<i>Alkali Seep</i>	--	--	--	X																		
Darlingtonia Seep	<i>Darlingtonia Seep</i>	--	--	--	X	X		X															
Klamath/North Coast Fall/Winter Run Chinook Salmon River	<i>Klamath/North Coast Fall/Winter Run Chinook Salmon River</i>	--	--	--					X														
Klamath/North Coast Interior Headwater Fishless Stream	<i>Klamath/North Coast Interior Headwater Fishless Stream</i>	--	--	--					X														
Klamath/North Coast Rainbow Trout Stream	<i>Klamath/North Coast Rainbow Trout Stream</i>	--	--	--					X														
Lower McCloud River/Canyon River	<i>Lower McCloud River/Canyon River</i>	--	--	--	X																		
Lower Pit River/Canyon River (Hardhead/Tule Perch River)	<i>Lower Pit River/Canyon River (Hardhead/Tule Perch River)</i>	--	--	--	X																		
Northern Interior Cypress Forest	<i>Northern Interior Cypress Forest</i>	--	--	--	X		X																
Pit River Drainage Rainbow/Redband Trout Stream	<i>Pit River Drainage Rainbow/Redband Trout Stream</i>	--	--	--	X																		
<p>Note: Only USFS Ecological Sections and Subsection containing State park units are listed * CNDDDB Occurrences supplemented by California Wildlife Habitat Relationships species ranges ** CNDDDB Occurrences associated to nearest ¹ Status definitions:</p> <table border="0"> <tr> <td>Federal Endangered Species Act (FESA):</td> <td>California Endangered Species Act (CESA):</td> </tr> <tr> <td>FE Endangered</td> <td>CE Endangered</td> </tr> <tr> <td>FT Threatened</td> <td>CT Threatened</td> </tr> <tr> <td>FPE Proposed Endangered</td> <td>CR Rare</td> </tr> <tr> <td>FPT Proposed Threatened</td> <td>CCE Candidate Endangered</td> </tr> <tr> <td>FC Candidate</td> <td>CD Delisted</td> </tr> <tr> <td>FD Delisted</td> <td></td> </tr> </table> <p>Other California Department of Fish and Game (DFG): FP Fully Protected under the California Fish and Game Code CSC Considered California species of special concern by DFG (no formal protection other than CEQA consideration) California Rare Plant Rank (CRPR): List 1A Plants Presumed Extinct in California List 1B Plants Rare, Threatened, or Endangered in California and Elsewhere 0.1 Seriously threatened in California (high degree/immediacy of threat) 0.2 Fairly threatened in California (moderate degree/immediacy of threat) 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known) List 2 Plants Rare, Threatened, or Endangered in California, but More Common Elsewhere 0.1 Seriously threatened in California (high degree/immediacy of threat) 0.2 Fairly threatened in California (moderate degree/immediacy of threat) 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known) List 4 Plants of Limited Distribution - A Watch List 0.2 Fairly threatened in California (moderate degree/immediacy of threat) 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)</p>										Federal Endangered Species Act (FESA):	California Endangered Species Act (CESA):	FE Endangered	CE Endangered	FT Threatened	CT Threatened	FPE Proposed Endangered	CR Rare	FPT Proposed Threatened	CCE Candidate Endangered	FC Candidate	CD Delisted	FD Delisted	
Federal Endangered Species Act (FESA):	California Endangered Species Act (CESA):																						
FE Endangered	CE Endangered																						
FT Threatened	CT Threatened																						
FPE Proposed Endangered	CR Rare																						
FPT Proposed Threatened	CCE Candidate Endangered																						
FC Candidate	CD Delisted																						
FD Delisted																							

Source: CNDDDB 2011; CA State Parks 2010; USFS 1997.

Table I-6. Known Occurrences of Special-Status Species in Ecological Sections and Subsections

Mojave Desert Section

Common Name	Scientific Name	Status ¹			USFS Ecological Subsection		
		FESA	CESA	Other DFG	High Desert Plains and Hills	Providence Mountains-Lanfair Valley	Searles Valley-Owlshead Mountains
Plants							
Abert's sanvitalia	<i>Sanvitalia abertii</i>	--	--	2.2		X	
Abrams' spurge	<i>Chamaesyce abramsiana</i>	--	--	2.2		X	
alkali mariposa-lily	<i>Calochortus striatus</i>	--	--	1B.2	X		X
appressed muhly	<i>Muhlenbergia appressa</i>	--	--	2.2		X	
Arizona cottontop	<i>Digitaria californica</i>	--	--	2.3		X	
Aven Nelson's phacelia	<i>Phacelia anelsonii</i>	--	--	2.3		X	
Bakersfield cactus	<i>Opuntia basilaris</i> var. <i>treleasei</i>	FE	CE	1B.1	X		
Barstow woolly sunflower	<i>Eriophyllum mohavense</i>	--	--	1B.2	X		
Beaver Dam breadroot	<i>Pediomelum castoreum</i>	--	--	1B.2	X		
black bog-rush	<i>Schoenus nigricans</i>	--	--	2.2	X		
Booth's evening-primrose	<i>Camissonia boothii</i> ssp. <i>boothii</i>	--	--	2.3	X	X	X
Booth's hairy evening-primrose	<i>Camissonia boothii</i> ssp. <i>intermedia</i>	--	--	2.3			X
burro grass	<i>Scleropogon brevifolius</i>	--	--	2.3		X	
California ayenia	<i>Ayenia compacta</i>	--	--	2.3		X	
chaparral sand-verbena	<i>Abronia villosa</i> var. <i>aurita</i>	--	--	1B.1	X		
Charleston sandwort	<i>Eremogone congesta</i> var. <i>charlestonensis</i>	--	--	1B.3		X	
Charlotte's phacelia	<i>Phacelia nashiana</i>	--	--	1B.2	X		X
Cima milk-vetch	<i>Astragalus cimae</i> var. <i>cimae</i>	--	--	1B.2		X	
Clark Mountain spurge	<i>Euphorbia exstipulata</i> var. <i>exstipulata</i>	--	--	2.1		X	
Clokey's cryptantha	<i>Cryptantha clokeyi</i>	--	--	1B.2	X	X	
coyote gilia	<i>Aliciella triodon</i>	--	--	2.2		X	
creamy blazing star	<i>Mentzelia tridentata</i>	--	--	1B.3	X		
curved-spine beavertail	<i>Opuntia curvispina</i>	--	--	2.2		X	
Darwin rock-cress	<i>Arabis pulchra</i> var. <i>munciensis</i>	--	--	2.3	X		
Davidson's bush-mallow	<i>Malacothamnus davidsonii</i>	--	--	1B.2	X		
Death Valley round-leaved phacelia	<i>Phacelia mustelina</i>	--	--	1B.3			X
delicate muhly	<i>Muhlenbergia fragilis</i>	--	--	2.3		X	
desert ageratina	<i>Ageratina herbacea</i>	--	--	2.3		X	
desert bedstraw	<i>Galium proliferum</i>	--	--	2.2		X	
desert cymopterus	<i>Cymopterus deserticola</i>	--	--	1B.2	X		
desert mountain thistle	<i>Cirsium arizonicum</i> var. <i>tenuisectum</i>	--	--	1B.2		X	
desert pincushion	<i>Coryphantha chlorantha</i>	--	--	2.1		X	
Drummond's false pennyroyal	<i>Hedeoma drummondii</i>	--	--	2.2		X	
dwarf abutilon	<i>Abutilon parvulum</i>	--	--	2.3		X	
Emory's crucifixion-thorn	<i>Castela emoryi</i>	--	--	2.3	X	X	X
false buffalo-grass	<i>Munroa squarrosa</i>	--	--	2.2		X	
few-flowered muhly	<i>Muhlenbergia pauciflora</i>	--	--	2.3		X	
forked purple mat	<i>Nama dichotomum</i> var. <i>dichotomum</i>	--	--	2.3		X	
glandular ditaxis	<i>Ditaxis claryana</i>	--	--	2.2		X	
Greene's rabbitbrush	<i>Chrysothamnus greenei</i>	--	--	2.3			X
hairy erioneuron	<i>Erioneuron pilosum</i>	--	--	2.3		X	
hairy-podded fine-leaf hymenopappus	<i>Hymenopappus filifolius</i> var. <i>eripodus</i>	--	--	2.3		X	
Harwood's eriastrium	<i>Eriastrium harwoodii</i>	--	--	1B.2		X	
hillside wheat grass	<i>Leymus salinus</i> ssp. <i>mojavensis</i>	--	--	2.3		X	
Horn's milk-vetch	<i>Astragalus hornii</i> var. <i>hornii</i>	--	--	1B.1	X		
Howe's hedgehog cactus	<i>Echinocereus engelmannii</i> var. <i>howe</i>	--	--	1B.1		X	
inland rush	<i>Juncus interior</i>	--	--	2.2		X	
juniper sulphur-flowered buckwheat	<i>Eriogonum umbellatum</i> var. <i>juniporinum</i>	--	--	2.3		X	
knotted rush	<i>Juncus nodosus</i>	--	--	2.3		X	
Lancaster milk-vetch	<i>Astragalus preussii</i> var. <i>laxiflorus</i>	--	--	1B.1	X		
Latimer's woodland-gilia	<i>Saltugilia latimeri</i>	--	--	1B.2		X	
lemon lily	<i>Lilium parryi</i>	--	--	1B.2	X		
limestone beardtongue	<i>Penstemon calcareus</i>	--	--	1B.3		X	
lobed ground-cherry	<i>Physalis lobata</i>	--	--	2.3		X	
long-stem evening-primrose	<i>Oenothera longissima</i>	--	--	2.2		X	
Madera leptosiphon	<i>Leptosiphon serrulatus</i>	--	--	1B.2	X		
many-flowered schkuhria	<i>Schkuhria multiflora</i> var. <i>multiflora</i>	--	--	2.3		X	
Mojave Desert plum	<i>Prunus eremophila</i>	--	--	1B.2		X	
Mojave menodora	<i>Menodora spinescens</i> var. <i>mohavensis</i>	--	--	1B.2	X		
Mojave milkweed	<i>Asclepias nyctaginifolia</i>	--	--	2.1	X	X	
Mojave monkeyflower	<i>Mimulus mohavensis</i>	--	--	1B.2	X		
Mojave tarplant	<i>Deinandra mohavensis</i>	--	CE	1B.3	X		
Mormon needle grass	<i>Stipa arida</i>	--	--	2.3		X	
narrow-leaved yerba santa	<i>Eriodictyon angustifolium</i>	--	--	2.3		X	
Nevada onion	<i>Allium nevadense</i>	--	--	2.3		X	X
New Mexico locust	<i>Robinia neomexicana</i>	--	--	2.3		X	
nine-awned pappus grass	<i>Enneapogon desvauxii</i>	--	--	2.2		X	
Orocopia sage	<i>Salvia gregatae</i>	--	--	1B.3		X	
pale-yellow layia	<i>Layia heterotricha</i>	--	--	1B.1	X		
Palmer's mariposa-lily	<i>Calochortus palmeri</i> var. <i>palmeri</i>	--	--	1B.2	X		
Parish's club-cholla	<i>Grusonia parishii</i>	--	--	2.2		X	
Parish's phacelia	<i>Phacelia parishii</i>	--	--	1B.1	X		
Parish's popcorn-flower	<i>Plagiobothrys parishii</i>	--	--	1B.1	X		
Parry's spineflower	<i>Chorizanthe parryi</i> var. <i>parryi</i>	--	--	1B.1	X		
Piute Mountains navarretia	<i>Navarretia setiloba</i>	--	--	1B.1	X		
plains bee balm	<i>Monarda pectinata</i>	--	--	2.3		X	
plains flax	<i>Linum puberulum</i>	--	--	2.3		X	
plains stoneseed	<i>Lithospermum incisum</i>	--	--	2.3		X	
playa milk-vetch	<i>Astragalus allochrous</i> var. <i>playanus</i>	--	--	2.2		X	
Plummer's mariposa-lily	<i>Calochortus plummerae</i>	--	--	1B.2	X		
Plummer's woodsia	<i>Woodsia plummerae</i>	--	--	2.3		X	
Providence Mountains lotus	<i>Acmispon argyraeus</i> var. <i>notitius</i>	--	--	1B.3		X	
purple-nerve cymopterus	<i>Cymopterus multinervatus</i>	--	--	2.2		X	
recurved larkspur	<i>Delphinium recurvatum</i>	--	--	1B.2	X		
red four o'clock	<i>Mirabilis coccinea</i>	--	--	2.3		X	
Red Rock poppy	<i>Eschscholzia minutiflora</i> ssp. <i>twisselmannii</i>	--	--	1B.2	X		X
Red Rock tarplant	<i>Deinandra arida</i>	--	CR	1B.2	X		X
rigid fringe-pod	<i>Thysanocarpus rigidus</i>	--	--	1B.2		X	
Ripley's aliciella	<i>Aliciella ripleyi</i>	--	--	2.3	X		X
Robbins' nemacladus	<i>Nemacladus secundiflorus</i> var. <i>robbinsii</i>	--	--	1B.2	X		
rosy two-toned beardtongue	<i>Penstemon bicolor</i> ssp. <i>roseus</i>	--	--	1B.1		X	
rough menodora	<i>Menodora scabra</i>	--	--	2.3		X	
round-leaved filaree	<i>California macrophylla</i>	--	--	1B.1	X		
Rusby's desert-mallow	<i>Sphaeralcea rusbyi</i> var. <i>eremicola</i>	--	--	1B.2		X	
sagebrush loeflingia	<i>Loeflingia squarrosa</i> var. <i>artemisiarum</i>	--	--	2.2	X		
San Antonio milk-vetch	<i>Astragalus lentiginosus</i> var. <i>antoniui</i>	--	--	1B.3	X		
San Bernardino aster	<i>Symphotrichum defoliatum</i>	--	--	1B.2	X		
San Bernardino milk-vetch	<i>Astragalus bernardinus</i>	--	--	1B.2		X	
scaly cloak fern	<i>Astroblepis cochisensis</i> ssp. <i>cochisensis</i>	--	--	2.3		X	
scrub lotus	<i>Acmispon argyraeus</i> var. <i>multicaulis</i>	--	--	1B.3		X	
short-joint beavertail	<i>Opuntia basilaris</i> var. <i>brachyclada</i>	--	--	1B.2	X		
sky-blue phacelia	<i>Phacelia coerulea</i>	--	--	2.3		X	
small-flowered bird's-beak	<i>Cordylanthus parviflorus</i>	--	--	2.3		X	
southern mountains skullcap	<i>Scutellaria bolanderi</i> ssp. <i>austromontana</i>	--	--	1B.2	X		
southwestern false cloak-fern	<i>Argyrochosma limitanea</i> ssp. <i>limitanea</i>	--	--	2.3		X	
spear-leaf matelea	<i>Matelea parvifolia</i>	--	--	2.3		X	
spiny cliff-brake	<i>Pellaea truncata</i>	--	--	2.3		X	
Stephens' beardtongue	<i>Penstemon stephensii</i>	--	--	1B.3		X	

Table I-6. Known Occurrences of Special-Status Species in Ecological Sections and Subsections

Mojave Desert Section

Common Name	Scientific Name	Status ¹			USFS Ecological Subsection		
		FESA	CESA	Other DFG	High Desert Plains and Hills	Providence Mountains-Lanfair Valley	Searles Valley-Owlshead Mountains
Thompson's beardtongue	<i>Penstemon thompsoniae</i>	--	--	2.3		X	
Thorne's buckwheat	<i>Eriogonum thornei</i>	--	CE	1B.2		X	
thorny milkwort	<i>Polygala acanthoclada</i>	--	--	2.3		X	
three-awned grama	<i>Bouteloua trifida</i>	--	--	2.3		X	
tough muhly	<i>Muhlenbergia arsenei</i>	--	--	2.3		X	
Utah beardtongue	<i>Penstemon utahensis</i>	--	--	2.3		X	
Utah daisy	<i>Erigeron utahensis</i>	--	--	2.3		X	
Utah glasswort	<i>Sarcocornia utahensis</i>	--	--	2.2	X		
violet twining snapdragon	<i>Maurandella antirrhiniflora</i>	--	--	2.3		X	
viviparous foxtail cactus	<i>Coryphantha vivipara var. rosea</i>	--	--	2.2		X	
white-bracted spineflower	<i>Chorizanthe xanti var. leucotheca</i>	--	--	1B.2	X		
white-margined beardtongue	<i>Penstemon albomarginatus</i>	--	--	1B.1		X	
wolftail	<i>Muhlenbergia alopecuroides</i>	--	--	2.2		X	
Wootton's lace fern	<i>Cheilanthes woottonii</i>	--	--	2.3		X	
Wright's bedstraw	<i>Galium wrightii</i>	--	--	2.3		X	
Wildlife							
American badger	<i>Taxidea taxus</i>	--	--	CSC	X	X	X
Arizona bell's vireo	<i>Vireo bellii arizonae</i>	--	CE	--		X	
arroyo toad	<i>Anaxyrus californicus</i>	FE	--	CSC	X		
banded gila monster	<i>Heloderma suspectum cinctur.</i>	--	--	CSC		X	
Bendire's thrasher	<i>Toxostoma bendirei</i>	--	--	CSC		X	
burrowing owl	<i>Athene cunicularia</i>	--	--	CSC	X	X	X
California red-legged frog	<i>Rana draytonii</i>	FT	--	CSC	X		
coast horned lizard	<i>Phrynosoma blainvillii</i>	--	--	CSC	X		
Crissal thrasher	<i>Toxostoma crissale</i>	--	--	CSC	X	X	X
desert tortoise	<i>Gopherus agassizii</i>	FT	CT	--	X	X	X
golden eagle	<i>Aquila chrysaetos</i>	--	--	FP	X		X
gray vireo	<i>Vireo vicinior</i>	--	--	CSC	X	X	
Inyo California towhee	<i>Melospiza crissalis eremophilus</i>	FT	CE	--	X		X
Le Conte's thrasher	<i>Toxostoma lecontei</i>	--	--	CSC	X	X	X
least Bell's vireo	<i>Vireo bellii pusillus</i>	FE	CE	--	X		
loggerhead shrike	<i>Lanius ludovicianus</i>	--	--	CSC	X		
long-eared owl	<i>Asio otus</i>	--	--	CSC	X		
Lucy's warbler	<i>Oreothlypis luciae</i>	--	--	CSC		X	
Mohave ground squirrel	<i>Xerospermophilus mohavensis</i>	--	CT	--	X		X
Mohave river vole	<i>Microtus californicus mohavensis</i>	--	--	CSC	X		
Mohave tui chub	<i>Siphateles bicolor mohavensis</i>	FE	CE	FP	X	X	
Mojave fringe-toed lizard	<i>Uma scoparia</i>	--	--	CSC	X	X	
mountain plover	<i>Charadrius montanus</i>	FPT	--	CSC	X		
Nelson's antelope squirrel	<i>Ammospermophilus nelsoni</i>	--	CT	--	X		
Owens Valley vole	<i>Microtus californicus vallicola</i>	--	--	CSC	X		
pallid bat	<i>Antrozous pallidus</i>	--	--	CSC	X	X	X
pallid San Diego pocket mouse	<i>Chaetodipus fallax pallidus</i>	--	--	CSC	X		
San Bernardino kangaroo rat	<i>Dipodomys merriami parvus</i>	FE	--	CSC	X		
short-eared owl	<i>Asio flammeus</i>	--	--	CSC	X		
Sierra Madre yellow-legged frog	<i>Rana muscosa</i>	FE	CCE	CSC	X		
silvery legless lizard	<i>Anniella pulchra pulchra</i>	--	--	CSC	X		
southern grasshopper mouse	<i>Onychomys torridus ramona</i>	--	--	CSC	X		
southwestern willow flycatcher	<i>Empidonax traillii extimus</i>	FE	CE	--	X		
spotted bat	<i>Euderma maculatum</i>	--	--	CSC	X		X
summer tanager	<i>Piranga rubra</i>	--	--	CSC	X		
Swainson's hawk	<i>Buteo swainsoni</i>	--	CT	--	X	X	
Tehachapi pocket mouse	<i>Perognathus alticolus inexpectatus</i>	--	--	CSC	X		
Townsend's big-eared bat	<i>Corynorhinus townsendii</i>	--	--	CSC	X	X	X
tricolored blackbird	<i>Agelaius tricolor</i>	--	--	CSC	X		
Tulare grasshopper mouse	<i>Onychomys torridus tularensis</i>	--	--	CSC	X		X
two-striped garter snake	<i>Thamnophis hammondi</i>	--	--	CSC	X		
western mastiff bat	<i>Eumops perotis californicus</i>	--	--	CSC	X		
western pond turtle	<i>Emys marmorata</i>	--	--	CSC	X		
western snowy plover	<i>Charadrius alexandrinus nivosus</i>	FT	--	CSC	X		
western yellow-billed cuckoo	<i>Coccyzus americanus occidentalis</i>	FC	CE	--	X		
yellow warbler	<i>Dendroica petechia brewsteri</i>	--	--	CSC	X		
yellow-breasted chat	<i>Icteria virens</i>	--	--	CSC	X	X	
Yuma clapper rail	<i>Rallus longirostris yumanensis</i>	FE	CT	FP	X		
Natural Communities							
Mojave Mixed Steppe	<i>Mojave Mixed Steppe</i>	--	--	--		X	
Mojave Riparian Forest	<i>Mojave Riparian Forest</i>	--	--	--	X	X	
Southern Cottonwood Willow Riparian Forest	<i>Southern Cottonwood Willow Riparian Forest</i>	--	--	--	X		
Southern Riparian Scrub	<i>Southern Riparian Scrub</i>	--	--	--	X		
Southern Sycamore Alder Riparian Woodland	<i>Southern Sycamore Alder Riparian Woodland</i>	--	--	--	X		
Southern Willow Scrub	<i>Southern Willow Scrub</i>	--	--	--	X		
Transmontane Alkali Marsh	<i>Transmontane Alkali Marsh</i>	--	--	--	X		
Valley Needlegrass Grassland	<i>Valley Needlegrass Grassland</i>	--	--	--	X		
Valley Oak Woodland	<i>Valley Oak Woodland</i>	--	--	--	X		
Wildflower Field	<i>Wildflower Field</i>	--	--	--	X		

Note: Only USFS Ecological Sections and Subsection containing State park units are listed
 * CNDDDB Occurrences supplemented by California Wildlife Habitat Relationships species ranges
 ** CNDDDB Occurrences associated to nearest
¹ Status definitions:
Federal Endangered Species Act (FESA):
 FE Endangered
 FT Threatened
 FPE Proposed Endangered
 FPT Proposed Threatened
 FC Candidate
 FD Delisted
California Endangered Species Act (CESA):
 CE Endangered
 CT Threatened
 CR Rare
 CCE Candidate Endangered
 CD Delisted
Other California Department of Fish and Game (DFG):
 FP Fully Protected under the California Fish and Game Code
 CSC Considered California species of special concern by DFG (no formal protection other than CEQA consideration)
 California Rare Plant Rank (CRPR):
 List 1A Plants Presumed Extinct in California
 List 1B Plants Rare, Threatened, or Endangered in California and Elsewhere
 0.1 Seriously threatened in California (high degree/immediacy of threat)
 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)
 List 2 Plants Rare, Threatened, or Endangered in California, but More Common Elsewhere
 0.1 Seriously threatened in California (high degree/immediacy of threat)
 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)
 List 4 Plants of Limited Distribution - A Watch List
 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)
 Source: CNDDDB 2011; CA State Parks 2010; USFS 1997.

Table I-7. Known Occurrences of Special-Status Species in Ecological Sections and Subsections

Mono Section

Common Name	Scientific Name	Status1			USFS Ecological Subsection	
		FESA	CESA	Other DFG	Bodie Hills-Excelsior Mountains	Mono Valley
Plants						
Alexander's buckwheat	<i>Eriogonum ochrocephalum</i> var. <i>alexanderæ</i>	--	--	2.2	X	
alkali ivesia	<i>Ivesia kingii</i> var. <i>kingii</i>	--	--	2.2	X	
alkali tansy-sage	<i>Sphaeromeria potentilloides</i> var. <i>nitrophila</i>	--	--	2.2	X	
American manna grass	<i>Glyceria grandis</i>	--	--	2.3	X	
Bodie Hills cusickiella	<i>Cusickiella quadricostata</i>	--	--	1B.2	X	
Bodie Hills rock-cress	<i>Boechea bodiensis</i>	--	--	1B.3	X	
Booth's evening-primrose	<i>Camissonia boothii</i> ssp. <i>boothii</i>	--	--	2.3		X
common moonwort	<i>Botrychium lunaria</i>	--	--	2.3		X
cushion townsendia	<i>Townsendia condensata</i>	--	--	2.3	X	
Dugway wild buckwheat	<i>Eriogonum nutans</i> var. <i>nutans</i>	--	--	2.3	X	
dune horsebrush	<i>Tetradymia tetrameres</i>	--	--	2.2	X	X
foxtail thelypodium	<i>Thelypodium integrifolium</i> ssp. <i>complanatum</i>	--	--	2.2	X	X
frog's-bit buttercup	<i>Ranunculus hydrocharoides</i>	--	--	2.1	X	
globose cymopterus	<i>Cymopterus globosus</i>	--	--	2.2	X	
golden violet	<i>Viola purpurea</i> ssp. <i>aurea</i>	--	--	2.2	X	X
Great Basin onion	<i>Allium atrorubens</i> var. <i>atorubens</i>	--	--	2.3	X	
Hall's meadow hawksbeard	<i>Crepis runcinata</i> ssp. <i>hallii</i>	--	--	2.1	X	
intermontane lupine	<i>Lupinus pusillus</i> var. <i>intermontanus</i>	--	--	2.3	X	X
intermountain milkwort	<i>Polygala intermontana</i>	--	--	2.3	X	
Inyo County star-tulip	<i>Calochortus excavatus</i>	--	--	1B.1	X	
lance-leaved scurf-pea	<i>Psoraleidium lanceolatum</i>	--	--	2.3	X	X
Lavin's milk-vetch	<i>Astragalus oophorus</i> var. <i>lavinii</i>	--	--	1B.2	X	
Long Valley milk-vetch	<i>Astragalus johannis-howellii</i>	--	CR	1B.2	X	
many-flowered thelypodium	<i>Thelypodium milleflorum</i>	--	--	2.2	X	X
Masonic Mountain jewel-flower	<i>Streptanthus oliganthus</i>	--	--	1B.2	X	X
Masonic rock-cress	<i>Boechea cobrensis</i>	--	--	2.3	X	X
Mono County phacelia	<i>Phacelia monoensis</i>	--	--	1B.1	X	
Mono Lake lupine	<i>Lupinus duranii</i>	--	--	1B.2		X
Parish's popcorn-flower	<i>Plagiobothrys parishii</i>	--	--	1B.1	X	
prairie wedge grass	<i>Sphenopholis obtusata</i>	--	--	2.2	X	
silver bladderpod	<i>Physaria ludoviciana</i>	--	--	2.2		X
slender-leaved pondweed	<i>Stuckenia filiformis</i>	--	--	2.2	X	
spiny milk-vetch	<i>Astragalus kentrophyta</i> var. <i>ungulatus</i>	--	--	2.2		X
Suksdorf's broom-rape	<i>Orobanche ludoviciana</i> var. <i>arenosa</i>	--	--	2.3	X	
Tonopah milk-vetch	<i>Astragalus pseudiodanthus</i>	--	--	1B.2		X
Torrey's blazing star	<i>Mentzelia torreyi</i>	--	--	2.2	X	X
Utah monkeyflower	<i>Mimulus glabratus</i> ssp. <i>utahensis</i>	--	--	2.1		X
Wheeler's dune-broom	<i>Chaetadelpa wheeleri</i>	--	--	2.2		X
Williams' combleaf	<i>Polycytenium williamsiae</i>	--	--	1B.2	X	
Wildlife						
Amargosa pupfish	<i>Cyprinodon nevadensis amargosae</i>	--	--	CSC	X	
bank swallow	<i>Riparia riparia</i>	--	CT	--		X
greater sage-grouse	<i>Centrocercus urophasianus</i>	FC	--	CSC	X	
Mount Lyell shrew	<i>Sorex lyelli</i>	--	--	CSC	X	X
northern goshawk	<i>Accipiter gentilis</i>	--	--	CSC		X
northern harrier	<i>Circus cyaneus</i>	--	--	CSC		X
pygmy rabbit	<i>Brachylagus idahoensis</i>	--	--	CSC	X	X
Sierra Nevada mountain beaver	<i>Aplodontia rufa californica</i>	--	--	CSC		X
Sierra Nevada red fox	<i>Vulpes vulpes necator</i>	--	CT	--		X
Sierra Nevada yellow-legged frog	<i>Rana sierrae</i>	FC	CCE	CSC		X
spotted bat	<i>Euderma maculatum</i>	--	--	CSC		X
western mastiff bat	<i>Eumops perotis californicus</i>	--	--	CSC		X
western white-tailed jackrabbit	<i>Lepus townsendii townsendii</i>	--	--	CSC	X	X
willow flycatcher	<i>Empidonax traillii</i>	--	CE	--		X
yellow warbler	<i>Dendroica petechia brewsteri</i>	--	--	CSC		X
yellow-headed blackbird	<i>Xanthocephalus xanthocephalus</i>	--	--	CSC		X
Natural Community						
Mono Pumice Flat	<i>Mono Pumice Flat</i>	--	--	--		X
<p>Note: Only USFS Ecological Sections and Subsection containing State park units are listed * CNDDDB Occurrences supplemented by California Wildlife Habitat Relationships species ranges ** CNDDDB Occurrences associated to nearest † Status definitions:</p> <p>Federal Endangered Species Act (FESA): FE Endangered FT Threatened FPE Proposed Endangered FPT Proposed Threatened FC Candidate FD Delisted</p> <p>California Endangered Species Act (CESA): CE Endangered CT Threatened CR Rare CCE Candidate Endangered CD Delisted</p> <p>Other California Department of Fish and Game (DFG): FP Fully Protected under the California Fish and Game Code CSC Considered California species of special concern by DFG (no formal protection other than CEQA consideration)</p> <p>California Rare Plant Rank (CRPR): List 1A Plants Presumed Extinct in California List 1B Plants Rare, Threatened, or Endangered in California and Elsewhere 0.1 Seriously threatened in California (high degree/immediacy of threat) 0.2 Fairly threatened in California (moderate degree/immediacy of threat) 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known) List 2 Plants Rare, Threatened, or Endangered in California, but More Common Elsewhere 0.1 Seriously threatened in California (high degree/immediacy of threat) 0.2 Fairly threatened in California (moderate degree/immediacy of threat) 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known) List 4 Plants of Limited Distribution - A Watch List 0.2 Fairly threatened in California (moderate degree/immediacy of threat) 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)</p>						
Source: CNDDDB 2011; CA State Parks 2010; USFS 1997.						

Table I-8. Known Occurrences of Special-Status Species in Ecological Sections and Subsections

Northern California Coast Section

Common Name	Scientific Name	Status ¹			USFS Ecological Subsection							
		FESA	CESA	Other DFG	Central Franciscan	Coastal Franciscan	Coastal Hills-Santa Rosa Plain	Humboldt Bay Flats and Terraces	Marin Hills and Valleys	Mount St. Helena Flows and Valleys	Northern Franciscan	Wirgrass Ridge
minute pocket moss	<i>Fissidens pauperculus</i>	--	--	1B.2		X		X	X		X	
Monterey clover	<i>Trifolium trichocalyx</i>	FE	CE	1B.1		X						
Mount Tamalpais bristly jewel-flower	<i>Streptanthus glandulosus ssp. pulchellus</i>	--	--	1B.2					X			
mountain crowberry	<i>Empetrum nigrum ssp. hermaphroditum</i>	--	--	2.2				X			X	
Mt. Tamalpais manzanita	<i>Arctostaphylos montana ssp. montana</i>	--	--	1B.3					X	X		
Mt. Tamalpais thistle	<i>Cirsium hydrophilum var. vaseyi</i>	--	--	1B.2					X			
Mt. Vision ceanothus	<i>Ceanothus gloriosus var. porrectus</i>	--	--	1B.3					X			
naked flag moss	<i>Discelium nudum</i>	--	--	2.2				X			X	
Napa blue grass	<i>Poa napensis</i>	FE	CE	1B.1						X		
Napa bluecurls	<i>Trichostema ruygtii</i>	--	--	1B.2						X		
Napa checkerbloom	<i>Sidalcea hickmanii ssp. napensis</i>	--	--	1B.1						X		
Napa false indigo	<i>Amorpha californica var. napensis</i>	--	--	1B.2		X	X		X	X		
Napa western flax	<i>Hesperolinon sp. nov. "serpentinum"</i>	--	--	1B.1						X		
narrow-anthered California brodiaea	<i>Brodiaea californica var. leptandra</i>	--	--	1B.2		X	X			X		
nodding vanilla-grass	<i>Hierochloa odorata</i>	--	--	2.3							X	
Norris' beard moss	<i>Didymodon norrisii</i>	--	--	2.2	X	X						
North Coast phacelia	<i>Phacelia insularis var. continentis</i>	--	--	1B.2		X			X			
North Coast semaphore grass	<i>Pleuropogon hooverianus</i>	--	CT	1B.1		X			X	X		
Northern California black walnut	<i>Juglans hindsii</i>	--	--	1B.1						X		
northern clustered sedge	<i>Carex arcta</i>	--	--	2.2	X	X		X				X
northern meadow sedge	<i>Carex praticola</i>	--	--	2.2				X			X	
northern microseris	<i>Microseris borealis</i>	--	--	2.1		X						X
Nuttall's ribbon-leaved pondweed	<i>Potamogeton ephedrus</i>	--	--	2.2		X						
Oregon coast paintbrush	<i>Castilleja affinis ssp. litoralis</i>	--	--	2.2	X	X		X			X	X
Oregon fireweed	<i>Epilobium oregonum</i>	--	--	1B.2	X							X
Oregon goldthread	<i>Coptis laciniata</i>	--	--	2.2	X	X					X	X
Oregon polemonium	<i>Polemonium carneum</i>	--	--	2.2	X	X	X	X	X		X	
oval-leaved viburnum	<i>Viburnum ellipticum</i>	--	--	2.3		X	X			X		
Pacific gilia	<i>Gilia capitata ssp. pacifica</i>	--	--	1B.2	X	X	X	X			X	
pappose tarplant	<i>Centromadia parryi ssp. parryi</i>	--	--	1B.2			X			X		
Pennell's bird's-beak	<i>Cordylanthus tenuis ssp. capillaris</i>	FE	CR	1B.2		X						
perennial goldfields	<i>Lasthenia californica ssp. macrantha</i>	--	--	1B.2		X	X		X			
Peruvian dodder	<i>Cuscuta obtusiflora var. glandulosa</i>	--	--	2.2			X					
pink sand-verbena	<i>Abronia umbellata var. breviflora</i>	--	--	1B.1		X	X	X	X		X	X
Pitkin Marsh lily	<i>Lilium pardalinum ssp. pitkinense</i>	FE	CE	1B.1		X	X					
Pitkin Marsh paintbrush	<i>Castilleja uliginosa</i>	--	CE	1A		X						
Point Reyes bird's-beak	<i>Chloropyron maritimum ssp. palustre</i>	--	--	1B.2			X	X	X	X		
Point Reyes blennosperma	<i>Blennosperma nanum var. robustum</i>	--	CR	1B.2		X			X			
Point Reyes checkerbloom	<i>Sidalcea calycosa ssp. rhizomata</i>	--	--	1B.2		X	X		X			
Point Reyes horkelia	<i>Horkelia marinensis</i>	--	--	1B.2		X	X		X			
Point Reyes meadowfoam	<i>Limnanthes douglasii ssp. sulphurea</i>	--	CE	1B.2					X			
Point Reyes rein orchid	<i>Piperia elegans ssp. decurtata</i>	--	--	1B.1					X			
purple-stemmed checkerbloom	<i>Sidalcea malviflora ssp. purpurea</i>	--	--	1B.2		X	X		X			
pygmy cypress	<i>Hesperocyparis pygmaea</i>	--	--	1B.2		X						
pygmy manzanita	<i>Arctostaphylos nummularia ssp. mendocinoensis</i>	--	--	1B.2		X						
Raiche's manzanita	<i>Arctostaphylos stanfordiana ssp. raichei</i>	--	--	1B.1		X						
Raiche's red ribbons	<i>Clarkia concinna ssp. raichei</i>	--	--	1B.1			X		X			
Red Mountain stonecrop	<i>Sedum laxum ssp. eastwoodiae</i>	FC	--	1B.2		X						
Rincon Ridge ceanothus	<i>Ceanothus confusus</i>	--	--	1B.1		X	X			X		
Rincon Ridge manzanita	<i>Arctostaphylos stanfordiana ssp. decumbens</i>	--	--	1B.1		X	X			X		
robust false lupine	<i>Thermopsis robusta</i>	--	--	1B.2		X					X	X
robust spineflower	<i>Chorizanthe robusta var. robusta</i>	FE	--	1B.1					X			
Roderick's fritillary	<i>Fritillaria roderickii</i>	--	CE	1B.1		X						
rose leptosiphon	<i>Leptosiphon rosaceus</i>	--	--	1B.1		X	X		X			
round-headed beaked-rush	<i>Rhynchospora globularis</i>	--	--	2.1		X	X					
round-headed Chinese-houses	<i>Collinsia corymbosa</i>	--	--	1B.2		X						
round-leaved filaree	<i>California macrophylla</i>	--	--	1B.1			X					
saline clover	<i>Trifolium hydrophilum</i>	--	--	1B.2		X	X			X		
San Francisco Bay spineflower	<i>Chorizanthe cuspidata var. cuspidata</i>	--	--	1B.2			X					
San Francisco collinsia	<i>Collinsia multicolor</i>	--	--	1B.2					X			
San Francisco owl's-clover	<i>Triphysaria floribunda</i>	--	--	1B.2			X		X			
San Joaquin spearscale	<i>Atriplex joaquiniana</i>	--	--	1B.2						X		
sand dune phacelia	<i>Phacelia argentea</i>	--	--	1B.1							X	
Sanford's arrowhead	<i>Sagittaria sanfordii</i>	--	--	1B.2							X	
Santa Cruz clover	<i>Trifolium buckwestiorum</i>	--	--	1B.1		X						
Santa Cruz microseris	<i>Stebbinsoseris decipiens</i>	--	--	1B.2					X			
Santa Cruz tarplant	<i>Holocarpha macradenia</i>	FT	CE	1B.1					X			
Santa Lucia dwarf rush	<i>Juncus luciensis</i>	--	--	1B.2						X		
seacoast ragwort	<i>Packera bolanderi var. bolanderi</i>	--	--	2.2	X	X		X			X	
seaside pea	<i>Lathyrus japonicus</i>	--	--	2.1	X			X			X	X
seaside tarplant	<i>Hemizonia congesta ssp. congesta</i>	--	--	1B.2		X	X		X	X		
Sebastopol meadowfoam	<i>Limnanthes vinculans</i>	FE	CE	1B.1		X	X			X		
serpentine catchfly	<i>Silene serpentinicola</i>	--	--	1B.2							X	
serpentine cryptantha	<i>Cryptantha dissita</i>	--	--	1B.1						X		
serpentine daisy	<i>Erigeron serpentinus</i>	--	--	1B.3		X						
serpentine sedge	<i>Carex serpenticola</i>	--	--	2.3							X	
short-leaved evax	<i>Hesperivax sparsiflora var. brevifolia</i>	--	--	1B.2		X	X	X	X		X	
showy rancharia clover	<i>Trifolium amoenum</i>	FE	--	1B.1		X	X		X	X		
Sierra rush	<i>Juncus nevadensis var. inventus</i>	--	--	2.2				X				
Siskiyou checkerbloom	<i>Sidalcea malviflora ssp. patula</i>	--	--	1B.2	X	X		X			X	
slender silver moss	<i>Anomobryum julaceum</i>	--	--	2.2		X				X		
slender-leaved pondweed	<i>Stuckenia filiformis</i>	--	--	2.2						X		
small groundcone	<i>Kopsiopsis hookeri</i>	--	--	2.3		X			X		X	
small-flowered calycadenia	<i>Calycadenia micrantha</i>	--	--	1B.2						X		
Snow Mountain buckwheat	<i>Eriogonum nervulosum</i>	--	--	1B.2						X		
Socrates Mine jewel-flower	<i>Streptanthus brachiatus ssp. brachiatus</i>	--	--	1B.2						X		
soft bird's-beak	<i>Chloropyron molle ssp. molle</i>	FE	CR	1B.2						X		
Sonoma alopecurus	<i>Alopecurus aequalis var. sonomensis</i>	FE	--	1B.1		X	X		X	X		
Sonoma beardtongue	<i>Penstemon newberryi var. sonomensis</i>	--	--	1B.3						X		
Sonoma canescent manzanita	<i>Arctostaphylos canescens ssp. sonomensis</i>	--	--	1B.2		X	X			X		
Sonoma ceanothus	<i>Ceanothus sonomensis</i>	--	--	1B.2						X		
Sonoma spineflower	<i>Chorizanthe valida</i>	FE	CE	1B.1		X	X		X			
Sonoma sunshine	<i>Blennosperma bakeri</i>	FE	CE	1B.1			X			X		
Suisun Marsh aster	<i>Symphotrichum lentum</i>	--	--	1B.2						X		
supple daisy	<i>Erigeron supplex</i>	--	--	1B.2		X			X			
swamp harebell	<i>Campanula californica</i>	--	--	1B.2		X	X		X			
Tamalpais jewel-flower	<i>Streptanthus batrachopus</i>	--	--	1B.3						X		
Tamalpais lessingia	<i>Lessingia micradenia var. micradenia</i>	--	--	1B.2						X		
Tamalpais oak	<i>Quercus parvula var. tamalpaisensis</i>	--	--	1B.3						X		
The Cedars buckwheat	<i>Eriogonum cedrorum</i>	--	--	1B.3		X						
The Cedars fairy-lantern	<i>Calochortus raichei</i>	--	--	1B.2		X						
The Cedars manzanita	<i>Arctostaphylos bakeri ssp. sublaevis</i>	--	CR	1B.2		X						
thin-lobed horkelia	<i>Horkelia tenuiloba</i>	--	--	1B.2		X	X		X	X		
Thurber's reed grass	<i>Calamagrostis crassiglumis</i>	--	--	2.1		X			X		X	
Tiburon buckwheat	<i>Eriogonum luteolum var. caninum</i>	--	--	1B.2						X		
Tiburon jewel-flower	<i>Streptanthus glandulosus ssp. niger</i>	FE	CE	1B.1						X		
Tiburon mariposa-lily	<i>Calochortus tiburonensis</i>	FT	CT	1B.1						X		
Tiburon paintbrush	<i>Castilleja affinis ssp. neglecta</i>	FE	CT	1B.2						X		
Tidestrom's lupine	<i>Lupinus tidestromii</i>	FE	CE	1B.1			X		X			
Tracy's romanzoffia	<i>Romanzoffia tracyi</i>	--	--	2.3				X			X	
two-carpellate western flax	<i>Hesperolinon bicarpellatum</i>	--	--	1B.2						X		
two-flowered pea	<i>Lathyrus biflorus</i>	--	--	1B.1	X							

Table I-8. Known Occurrences of Special-Status Species in Ecological Sections and Subsections

Northern California Coast Section

Common Name	Scientific Name	Status ¹			USFS Ecological Subsection							
		FESA	CESA	Other DFG	Central Franciscan	Coastal Franciscan	Coastal Hills-Santa Rosa Plain	Humboldt Bay Flats and Terraces	Marin Hills and Valleys	Mount St. Helena Flows and Valleys	Northern Franciscan	Wirgrass Ridge
Vine Hill ceanothus	<i>Ceanothus foliosus</i> var. <i>vineatus</i>	--	--	1B.1		X	X					
Vine Hill clarkia	<i>Clarkia imbricata</i>	FE	CE	1B.1		X						
Vine Hill manzanita	<i>Arctostaphylos densiflora</i>	--	CE	1B.1		X	X					
Waldo daisy	<i>Erigeron bloomeri</i> var. <i>nudatus</i>	--	--	2.3				X				
watershield	<i>Brasenia schreberi</i>	--	--	2.3		X						
western leatherwood	<i>Dirca occidentalis</i>	--	--	1B.2		X	X		X			
western lily	<i>Lilium occidentale</i>	FE	CE	1B.1		X		X			X	
western sand-spurrey	<i>Spergularia canadensis</i> var. <i>occidentalis</i>	--	--	2.1				X				
white beaked-rush	<i>Rhynchospora alba</i>	--	--	2.2		X						
white sedge	<i>Carex albida</i>	FE	CE	1B.1		X	X					
white-flowered rein orchid	<i>Piperia candida</i>	--	--	1B.2	X	X					X	X
white-rayed pentachaeta	<i>Pentachaeta bellidiflora</i>	FE	CE	1B.1					X			
Whitney's farewell-to-spring	<i>Clarkia amoena</i> ssp. <i>whitneyi</i>	--	--	1B.1		X		X				
Wolf's evening-primrose	<i>Oenothera wolffii</i>	--	--	1B.1		X		X			X	X
woolly-headed gilia	<i>Gilia capitata</i> ssp. <i>tomentosa</i>	--	--	1B.1		X	X		X			
woolly-headed spineflower	<i>Chorizanthe cuspidata</i> var. <i>villosa</i>	--	--	1B.2			X		X			
yellow-tubered toothwort	<i>Cardamine nuttallii</i> var. <i>gemmata</i>	--	--	1B.3							X	
Wildlife												
American badger	<i>Taxidea taxus</i>	--	--	CSC		X	X		X	X		
American peregrine falcon	<i>Falco peregrinus anatum</i>	FD	CD	FP	X	X				X		
ashy storm-petrel	<i>Oceanodroma homochroa</i>	--	--	CSC		X			X			
bald eagle	<i>Haliaeetus leucocephalus</i>	FD	CE	FP	X	X		X		X	X	
bank swallow	<i>Riparia riparia</i>	--	CT	--		X	X	X			X	
Behren's silverspot butterfly	<i>Speyeria zerene behrensi</i>	FE	--	--		X						X
black swift	<i>Cypseloides niger</i>	--	--	CSC			X		X	X	X	
burrowing owl	<i>Athene cunicularia</i>	--	--	CSC			X		X	X		
California black rail	<i>Laterallus jamaicensis coturniculus</i>	--	CT	FP			X		X	X		
California clapper rail	<i>Rallus longirostris obsoletus</i>	FE	CE	FP				X	X	X		
California freshwater shrimp	<i>Syncaeris pacifica</i>	FE	CE	--		X	X		X	X		
California red-legged frog	<i>Rana draytonii</i>	FT	--	CSC		X	X		X	X		
California spotted owl	<i>Strix occidentalis occidentalis</i>	--	--	CSC		X						
California tiger salamander	<i>Ambystoma californiense</i>	FT	CT	CSC			X					
chinook salmon - California coastal ESU	<i>Oncorhynchus tshawytscha</i>	FT	--	--		X						
coast cutthroat trout	<i>Oncorhynchus clarkii clarkii</i>	--	--	CSC	X	X		X			X	X
coho salmon - central California coast ESU	<i>Oncorhynchus kisutch</i>	FE	CE	--			X		X			
coho salmon - southern Oregon / northern California ESU	<i>Oncorhynchus kisutch</i>	FT	CT	CSC		X						
Del Norte salamander	<i>Plethodon elongatus</i>	--	--	CSC	X			X			X	X
Delta smelt	<i>Hypomesus transpacificus</i>	FT	CE	--						X		
foothill yellow-legged frog	<i>Rana boylei</i>	--	--	CSC	X	X	X	X	X	X	X	X
fork-tailed storm-petrel	<i>Oceanodroma furcata</i>	--	--	CSC				X			X	
golden eagle	<i>Aquila chrysaetos</i>	--	--	FP	X	X				X		
green sturgeon	<i>Acipenser medirostris</i>	FT	--	CSC				X				
Guadalupe fur-seal**	<i>Arctocephalus townsendi</i>	FT	CT	FP					X			
Gualala roach	<i>Lavinia symmetricus parvipinnis</i>	--	--	CSC		X						
Hippolyta fritillary	<i>Speyeria zerene hippolyta</i>	FT	--	--							X	
Humboldt marten	<i>Martes americana humboldtensis</i>	--	--	CSC	X	X		X			X	X
little willow flycatcher	<i>Empidonax traillii brewsteri</i>	--	CE	--		X						
lotis blue butterfly	<i>Plebejus idas lotis</i>	FE	--	--		X						
marbled murrelet*	<i>Brachyramphus marmoratus</i>	FT	CE	--	X	X	X	X	X		X	
mardon skipper	<i>Polites mardon</i>	FC	--	--							X	
Mission blue butterfly	<i>Plebejus icarioides missionensis</i>	FE	--	--					X			
Myrtle's silverspot	<i>Speyeria zerene myrleae</i>	FE	--	--		X	X		X			
Navarro roach	<i>Lavinia symmetricus navarroensis</i>	--	--	CSC		X	X			X		
northern goshawk	<i>Accipiter gentilis</i>	--	--	CSC		X						
northern harrier	<i>Circus cyaneus</i>	--	--	CSC					X	X		
northern red-legged frog	<i>Rana aurora</i>	--	--	CSC	X	X		X			X	X
northern spotted owl	<i>Strix occidentalis caurina</i>	FT	--	CSC	X	X	X	X	X	X	X	X
Pacific fisher	<i>Martes pennanti (pacifica) DPS</i>	FC	--	CSC	X	X					X	X
Pacific tailed frog	<i>Ascaphus truei</i>	--	--	CSC	X	X		X			X	X
pallid bat	<i>Antrozous pallidus</i>	--	--	CSC		X	X	X	X	X	X	
pink salmon	<i>Oncorhynchus gorbuscha</i>	--	--	CSC		X						
Point Arena mountain beaver	<i>Aplodontia rufa nigra</i>	FE	--	CSC		X						
Point Arena mountain beaver**	<i>Aplodontia rufa nigra</i>	FE	--	CSC		X						
Point Reyes jumping mouse	<i>Zapus trinotatus orarius</i>	--	--	CSC					X			
Point Reyes mountain beaver	<i>Aplodontia rufa phaea</i>	--	--	CSC					X			
purple martin	<i>Progne subis</i>	--	--	CSC		X				X		
Russian River tule perch	<i>Hysteroecarpus traski pomo</i>	--	--	CSC		X	X					
Sacramento splittail	<i>Pogonichthys macrolepidotus</i>	--	--	CSC			X			X		
saltmarsh common yellowthroat	<i>Geothlypis trichas sinuosa</i>	--	--	CSC			X		X	X		
salt-marsh harvest mouse	<i>Reithrodontomys raviventris</i>	FE	CE	FP			X		X	X		
San Bruno elfin butterfly	<i>Callophrys mossii bayensis</i>	FE	--	--			X		X			
San Pablo song sparrow	<i>Melospiza melodia samuelis</i>	--	--	CSC			X		X	X		
Sonoma tree vole	<i>Arborimus pomc</i>	--	--	CSC	X	X	X	X			X	X
southern sea otter	<i>Enhydra lutris nereis</i>	FT	--	--					X			
southern torrent salamander	<i>Rhyacotriton variegatus</i>	--	--	CSC	X	X		X			X	X
steelhead - central California coast DPS	<i>Oncorhynchus mykiss irideus</i>	FT	--	--		X	X		X	X		
steelhead - northern California DPS	<i>Oncorhynchus mykiss irideus</i>	FT	--	--		X						
Steller (=northern) sea-lion**	<i>Eumetopias jubatus</i>	FT	--	--					X		X	
Suisun shrew	<i>Sorex ornatus sinuosus</i>	--	--	CSC						X		
Suisun song sparrow	<i>Melospiza melodia maxillaris</i>	--	--	CSC						X		
summer-run steelhead trout	<i>Oncorhynchus mykiss irideus</i>	--	--	CSC	X	X						X
tidewater goby	<i>Eucyclogobius newberryi</i>	FE	--	CSC	X	X	X	X	X	X	X	X
Tomales roach	<i>Lavinia symmetricus</i> ssp. 2	--	--	CSC					X			
Townsend's big-eared bat	<i>Corynorhinus townsendii</i>	--	--	CSC		X	X		X	X		
tricolored blackbird	<i>Agelaius tricolor</i>	--	--	CSC		X	X	X	X	X		
tufted puffin	<i>Fratercula cirrhata</i>	--	--	CSC		X	X	X	X		X	
western pond turtle	<i>Emys marmorata</i>	--	--	CSC	X	X	X	X	X	X	X	
western red bat	<i>Lasiurus blossevilli</i>	--	--	CSC		X			X			
western snowy plover	<i>Charadrius alexandrinus nivosus</i>	FT	--	CSC	X	X	X	X	X	X	X	
western yellow-billed cuckoo	<i>Coccyzus americanus occidentalis</i>	FC	CE	--		X	X	X		X		
white-footed vole	<i>Arborimus albipes</i>	--	--	CSC	X			X				
white-tailed kite	<i>Elanus leucurus</i>	--	--	FP		X	X		X	X	X	
yellow warbler	<i>Dendroica petechia brewsteri</i>	--	--	CSC		X			X			
yellow-breasted chat	<i>Icteria virens</i>	--	--	CSC		X						
Natural Communities												
Central Dune Scrub	<i>Central Dune Scrub</i>	--	--	--					X			
Coastal and Valley Freshwater Marsh	<i>Coastal and Valley Freshwater Marsh</i>	--	--	--		X	X		X	X	X	X
Coastal Brackish Marsh	<i>Coastal Brackish Marsh</i>	--	--	--		X	X		X	X	X	
Coastal Douglas Fir Western Hemlock Forest	<i>Coastal Douglas Fir Western Hemlock Forest</i>	--	--	--		X						
Coastal Terrace Prairie	<i>Coastal Terrace Prairie</i>	--	--	--		X	X	X	X			
Fen	<i>Fen</i>	--	--	--		X						
Grand Fir Forest	<i>Grand Fir Forest</i>	--	--	--		X						
Mendocino Pygmy Cypress Forest	<i>Mendocino Pygmy Cypress Forest</i>	--	--	--		X						
North Central Coast Fall-Run Steelhead Stream	<i>North Central Coast Fall-Run Steelhead Stream</i>	--	--	--		X						
North Central Coast Summer Steelhead Stream	<i>North Central Coast Summer Steelhead Stream</i>	--	--	--	X							
Northern Coastal Bluff Scrub	<i>Northern Coastal Bluff Scrub</i>	--	--	--		X						
Northern Coastal Salt Marsh	<i>Northern Coastal Salt Marsh</i>	--	--	--		X	X	X	X	X	X	
Northern Foredune Grassland	<i>Northern Foredune Grassland</i>	--	--	--		X		X				
Northern Hardpan Vernal Pool	<i>Northern Hardpan Vernal Pool</i>	--	--	--			X					
Northern Interior Cypress Forest	<i>Northern Interior Cypress Forest</i>	--	--	--		X						
Northern Maritime Chaparral	<i>Northern Maritime Chaparral</i>	--	--	--					X			

Table I-8. Known Occurrences of Special-Status Species in Ecological Sections and Subsections

Northern California Coast Section

Common Name	Scientific Name	Status ¹			USFS Ecological Subsection							
		FESA	CESA	Other DFG	Central Franciscan	Coastal Franciscan	Coastal Hills-Santa Rosa Plain	Humboldt Bay Flats and Terraces	Marin Hills and Valleys	Mount St. Helena Flows and Valleys	Northern Franciscan	Wiregrass Ridge
Northern Vernal Pool	<i>Northern Vernal Pool</i>	--	--	--			X		X	X		
Serpentine Bunchgrass	<i>Serpentine Bunchgrass</i>	--	--	--					X			
Sitka Spruce Forest	<i>Sitka Spruce Forest</i>	--	--	--				X			X	X
Sphagnum Bog	<i>Sphagnum Bog</i>	--	--	--		X		X				
Upland Douglas Fir Forest	<i>Upland Douglas Fir Forest</i>	--	--	--	X	X						
Valley Needlegrass Grassland	<i>Valley Needlegrass Grassland</i>	--	--	--					X**	X		
Valley Oak Woodland	<i>Valley Oak Woodland</i>	--	--	--		X						

Note: Only USFS Ecological Sections and Subsection containing State park units are listed
 * CNDDDB Occurrences supplemented by California Wildlife Habitat Relationships species ranges
 ** CNDDDB Occurrences associated to nearest Ecological Subsection

¹ Status definitions:

Federal Endangered Species Act (FESA):

- FE Endangered
- FT Threatened
- FPE Proposed Endangered
- FPT Proposed Threatened
- FC Candidate
- FD Delisted

California Endangered Species Act (CESA):

- CE Endangered
- CT Threatened
- CR Rare
- CCE Candidate Endangered
- CD Delisted

Other California Department of Fish and Game (DFG):

- FP Fully Protected under the California Fish and Game Code
- CSC Considered California species of special concern by DFG (no formal protection other than CEQA consideration)

California Rare Plant Rank (CRPR):

- List 1A Plants Presumed Extinct in California
- List 1B Plants Rare, Threatened, or Endangered in California and Elsewhere
 - 0.1 Seriously threatened in California (high degree/immediacy of threat)
 - 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
 - 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)
- List 2 Plants Rare, Threatened, or Endangered in California, but More Common Elsewhere
 - 0.1 Seriously threatened in California (high degree/immediacy of threat)
 - 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
 - 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)
- List 4 Plants of Limited Distribution - A Watch List
 - 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
 - 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)

Source: CNDDDB 2011; CA State Parks 2010; USFS 1997.

Table I-9. Known Occurrences of Special-Status Species in Ecological Sections and Subsections

Northern California Coast Ranges Section

Common Name	Scientific Name	Status ¹			USFS Ecological Subsection	
		FESA	CESA	Other DFG	Central Franciscan	Clear Lake Hills and Valleys
Plants						
adobe-lily	<i>Fritillaria pluriflora</i>	--	--	1B.2	X	X
Anthony Peak lupine	<i>Lupinus antoninus</i>	--	--	1B.3	X	
Baker's meadowfoam	<i>Limnanthes bakeri</i>	--	CR	1B.1	X	
Baker's navarretia	<i>Navarretia leucocephala</i> ssp. <i>bakeri</i>	--	--	1B.1	X	
Bald Mountain milk-vetch	<i>Astragalus umbraticus</i>	--	--	2.3	X	
beaked tracyina	<i>Tracyina rostrata</i>	--	--	1B.2	X	X
bent-flowered fiddleneck	<i>Amsinckia lunaris</i>	--	--	1B.2	X	X
big-scale balsamroot	<i>Balsamorhiza macrolepis</i> var. <i>macrolepis</i>	--	--	1B.2	X	
Boggs Lake hedge-hyssop	<i>Gratiola heterosepala</i>	--	CE	1B.2	X	X
Bolander's horkelia	<i>Horkelia bolanderi</i>	--	--	1B.2	X	
Brandegee's eriastrum	<i>Eriastrum brandegeae</i>	--	--	1B.2	X	X
bristly sedge	<i>Carex comosa</i>	--	--	2.1	X	
Burke's goldfields	<i>Lasthenia burkei</i>	FE	CE	1B.1	X	X
California globe mallow	<i>Iliamna latibracteata</i>	--	--	1B.2	X	
California satintail	<i>Imperata brevifolia</i>	--	--	2.1	X	
Calistoga ceanothus	<i>Ceanothus divergens</i>	--	--	1B.2	X	
coast fawn lily	<i>Erythronium revolutum</i>	--	--	2.2	X	
coast range bindweed	<i>Calystegia collina</i> ssp. <i>tridactylosa</i>	--	--	1B.2	X	
Cobb Mountain lupine	<i>Lupinus sericatus</i>	--	--	1B.2	X	
Colusa layia	<i>Layia septentrionalis</i>	--	--	1B.2	X	X
cylindrical trichodon	<i>Trichodon cylindricus</i>	--	--	2.2	X	
deep-scarred cryptantha	<i>Cryptantha excavata</i>	--	--	1B.3	X	
drymaria-like western flax	<i>Hesperolinon drymarioides</i>	--	--	1B.2	X	
eel-grass pondweed	<i>Potamogeton zosteriformis</i>	--	--	2.2	X	X
elongate copper moss	<i>Mielichhoferia elongata</i>	--	--	2.2	X	
few-flowered navarretia	<i>Navarretia leucocephala</i> ssp. <i>pauciflora</i>	FE	CT	1B.1	X	X
Franciscan onion	<i>Allium peninsulare</i> var. <i>franciscanum</i>	--	--	1B.2	X	
Freed's jewel-flower	<i>Streptanthus brachiatus</i> ssp. <i>hoffmanii</i>	--	--	1B.2	X	
Geysers dichanthelium	<i>Dichanthelium lanuginosum</i> var. <i>thermale</i>	--	CE	1B.1	X	
giant fawn lily	<i>Erythronium oregonum</i>	--	--	2.2	X	
glandular western flax	<i>Hesperolinon adenophyllum</i>	--	--	1B.2	X	X
grass alisma	<i>Alisma gramineum</i>	--	--	2.2	X	
Greene's narrow-leaved daisy	<i>Erigeron greenei</i>	--	--	1B.2	X	
Guggolz's harmonia	<i>Harmonia guggolziorum</i>	--	--	1B.1	X	
Hall's bush-mallow	<i>Malacothamnus hallii</i>	--	--	1B.2	X	
Hall's harmonia	<i>Harmonia hallii</i>	--	--	1B.2	X	X
Howell's montia	<i>Montia howellii</i>	--	--	2.2	X	
Jepson's dodder	<i>Cuscuta jepsonii</i>	--	--	1B.2	X	
Jepson's leptosiphon	<i>Leptosiphon jepsonii</i>	--	--	1B.2	X	
Jepson's milk-vetch	<i>Astragalus rattanii</i> var. <i>jepsonianus</i>	--	--	1B.2	X	X
Kellogg's buckwheat	<i>Eriogonum kelloggii</i>	FC	CE	1B.2	X	
Kenwood Marsh checkerbloom	<i>Sidalcea oregana</i> ssp. <i>valida</i>	FE	CE	1B.1	X	
Koch's cord moss	<i>Entosthodon kochii</i>	--	--	1B.3	X	
Konocti manzanita	<i>Arctostaphylos manzanita</i> ssp. <i>elegans</i>	--	--	1B.3	X	X
Lake County stonecrop	<i>Sedella leiocarpa</i>	FE	CE	1B.1	X	
legenere	<i>Legenere limosa</i>	--	--	1B.1	X	
Loch Lomond button-celery	<i>Eryngium constancei</i>	FE	CE	1B.1	X	
Mad River fleabane daisy	<i>Erigeron maniopotamicus</i>	--	--	1B.2	X	
many-flowered navarretia	<i>Navarretia leucocephala</i> ssp. <i>plieantha</i>	FE	CE	1B.2	X	
marsh checkerbloom	<i>Sidalcea oregana</i> ssp. <i>hydrophila</i>	--	--	1B.2	X	
marsh microseris	<i>Microseris paludosa</i>	--	--	1B.2	X	
Mcdonald's rock-cress	<i>Arabis mcdonaldiana</i>	FE	CE	1B.1	X	
Mendocino gentian	<i>Gentiana setigera</i>	--	--	1B.2	X	
Milo Baker's lupine	<i>Lupinus milo-bakeri</i>	--	CT	1B.1	X	
Napa bluecurls	<i>Trichostema ruygtii</i>	--	--	1B.2	X	X
Napa false indigo	<i>Amorpha californica</i> var. <i>napensis</i>	--	--	1B.2	X	
Napa western flax	<i>Hesperolinon</i> sp. nov. "serpentinum"	--	--	1B.1	X	
Norris' beard moss	<i>Didymodon norrisii</i>	--	--	2.2	X	X
North Coast semaphore grass	<i>Pleuropogon hooverianus</i>	--	CT	1B.1	X	
northern clustered sedge	<i>Carex arcta</i>	--	--	2.2	X	
Nuttall's ribbon-leaved pondweed	<i>Potamogeton epiphydrus</i>	--	--	2.2	X	
Oregon fireweed	<i>Epilobium oregonum</i>	--	--	1B.2	X	
Oregon goldthread	<i>Coptis laciniata</i>	--	--	2.2	X	
oval-leaved viburnum	<i>Viburnum ellipticum</i>	--	--	2.3	X	
Pacific gilia	<i>Gilia capitata</i> ssp. <i>pacifica</i>	--	--	1B.2	X	
pappose tarplant	<i>Centromadia parryi</i> ssp. <i>parryi</i>	--	--	1B.2	X	X
Raiche's manzanita	<i>Arctostaphylos stanfordiana</i> ssp. <i>raichei</i>	--	--	1B.1	X	
Red Mountain catchfly	<i>Silene campanulata</i> ssp. <i>campanulata</i>	--	CE	4.2	X	
Red Mountain stonecrop	<i>Sedum laxum</i> ssp. <i>eastwoodiae</i>	FC	--	1B.2	X	
Rincon Ridge ceanothus	<i>Ceanothus confusus</i>	--	--	1B.1	X	
Roderick's fritillary	<i>Fritillaria roderickii</i>	--	CE	1B.1	X	
round-leaved filaree	<i>California macrophylla</i>	--	--	1B.1	X	
scabrid alpine tarplant	<i>Anisocarpus scabridus</i>	--	--	1B.3	X	
Sebastopol meadowfoam	<i>Limnanthes vinculans</i>	FE	CE	1B.1	X	
serpentine cryptantha	<i>Cryptantha dissita</i>	--	--	1B.1	X	X
Siskiyou checkerbloom	<i>Sidalcea malviflora</i> ssp. <i>patula</i>	--	--	1B.2	X	
slender Orcutt grass	<i>Orcuttia tenuis</i>	FT	CE	1B.1	X	
slender-leaved pondweed	<i>Stuckenia filiformis</i>	--	--	2.2	X	
small groundcone	<i>Kopsiopsis hookeri</i>	--	--	2.3	X	
small-flowered calycadenia	<i>Calycadenia micrantha</i>	--	--	1B.2	X	X
Snow Mountain buckwheat	<i>Eriogonum nervulosum</i>	--	--	1B.2	X	
Socrates Mine jewel-flower	<i>Streptanthus brachiatus</i> ssp. <i>brachiatus</i>	--	--	1B.2	X	
Sonoma beardtongue	<i>Penstemon newberryi</i> var. <i>sonomensis</i>	--	--	1B.3	X	
Sonoma canescent manzanita	<i>Arctostaphylos canescens</i> ssp. <i>sonomensis</i>	--	--	1B.2	X	
South Fork Mtn. lupine	<i>Lupinus elmeri</i>	--	--	1B.2	X	
The Lassics lupine	<i>Lupinus constancei</i>	--	--	1B.2	X	
The lassics sandwort	<i>Minuartia decumbens</i>	--	--	1B.2	X	
thin-lobed horkelia	<i>Horkelia tenuiloba</i>	--	--	1B.2	X	
two-carpellate western flax	<i>Hesperolinon bicarpellatum</i>	--	--	1B.2	X	X
two-flowered pea	<i>Lathyrus biflorus</i>	--	--	1B.1	X	
watershield	<i>Brasenia schreberi</i>	--	--	2.3	X	X
white-flowered rein orchid	<i>Piperia candida</i>	--	--	1B.2	X	
Wildlife						
American badger	<i>Taxidea taxus</i>	--	--	CSC	X	X
American peregrine falcon	<i>Falco peregrinus anatum</i>	FD	CD	FP	X	
bald eagle	<i>Haliaeetus leucocephalus</i>	FD	CE	FP	X	
burrowing owl	<i>Athene cucularia</i>	--	--	CSC	X	
California freshwater shrimp	<i>Syncais pacifica</i>	FE	CE	--	X	
Clear Lake hitch	<i>Lavinia exilicauda</i> ch	--	--	CSC	X	X
coast cutthroat trout	<i>Oncorhynchus clarkii clarkii</i>	--	--	CSC	X	
foothill yellow-legged frog	<i>Rana boylei</i>	--	--	CSC	X	X
golden eagle	<i>Aquila chrysaetos</i>	--	--	FP	X	
grasshopper sparrow	<i>Ammodramus savannarum</i>	--	--	CSC	X	
hardhead	<i>Mylopharodon conocephalus</i>	--	--	CSC	X	
Humboldt marten	<i>Martes americana humboldtensis</i>	--	--	CSC	X	
northern goshawk	<i>Accipiter gentilis</i>	--	--	CSC	X	
northern spotted owl	<i>Strix occidentalis caurina</i>	FT	--	CSC	X	
Pacific fisher	<i>Martes pennanti (pacifica) DPS</i>	FC	--	CSC	X	
Pacific tailed frog	<i>Ascaphus truei</i>	--	--	CSC	X	
pallid bat	<i>Antrozous pallidus</i>	--	--	CSC	X	X

Table I-9. Known Occurrences of Special-Status Species in Ecological Sections and Subsections

Northern California Coast Ranges Section

Common Name	Scientific Name	Status ¹			USFS Ecological Subsection	
		FESA	CESA	Other DFG	Central Franciscan	Clear Lake Hills and Valleys
purple martin	<i>Progne subis</i>	--	--	CSC	X	
Russian River tulle perch	<i>Hysteroecarpus traski pomc</i>	--	--	CSC	X	
Sacramento perch	<i>Archoplites interruptus</i>	--	--	CSC	X	X
Sonoma tree vole	<i>Arborimus pomc</i>	--	--	CSC	X	
southern torrent salamander	<i>Rhyacotriton variegatus</i>	--	--	CSC	X	
steelhead - central California coast DPS	<i>Oncorhynchus mykiss irideus</i>	FT	--	--	X	
summer-run steelhead trout	<i>Oncorhynchus mykiss irideus</i>	--	--	CSC	X	
Townsend's big-eared bat	<i>Corynorhinus townsendii</i>	--	--	CSC	X	
tricolored blackbird	<i>Agelaius tricolor</i>	--	--	CSC	X	X
western pond turtle	<i>Emys marmorata</i>	--	--	CSC	X	X
western red bat	<i>Lasiurus blossevilli</i>	--	--	CSC	X	
western yellow-billed cuckoo	<i>Coccyzus americanus occidentalis</i>	FC	CE	--	X	X
white-tailed kite	<i>Elanus leucurus</i>	--	--	FP	X	
yellow warbler	<i>Dendroica petechia brewsteri</i>	--	--	CSC	X	
yellow-breasted chat	<i>Icteria virens</i>	--	--	CSC	X	
Natural Communities						
Central Valley Drainage Rainbow Trout/Cyprinid Stream	Central Valley Drainage Rainbow Trout/Cyprinid Stream	--	--	--	X	
Clear Lake Drainage Cyprinid/Catostomid Stream	Clear Lake Drainage Cyprinid/Catostomid Stream	--	--	--	X	X
Clear Lake Drainage Resident Trout Stream	Clear Lake Drainage Resident Trout Stream	--	--	--	X	
Clear Lake Drainage Seasonal Lakefish Spawning Stream	Clear Lake Drainage Seasonal Lakefish Spawning Stream	--	--	--	X	X
Coastal and Valley Freshwater Marsh	Coastal and Valley Freshwater Marsh	--	--	--		X
Great Valley Mixed Riparian Forest	Great Valley Mixed Riparian Forest	--	--	--		X
Northern Basalt Flow Vernal Pool	Northern Basalt Flow Vernal Pool	--	--	--	X	
Northern Interior Cypress Forest	Northern Interior Cypress Forest	--	--	--	X	
Northern Volcanic Ash Vernal Pool	Northern Volcanic Ash Vernal Pool	--	--	--	X	
Serpentine Bunchgrass	Serpentine Bunchgrass	--	--	--	X	
Upland Douglas Fir Forest	Upland Douglas Fir Forest	--	--	--	X	
Valley Oak Woodland	Valley Oak Woodland	--	--	--	X	
Wildflower Field	Wildflower Field	--	--	--	X	

Note: Only USFS Ecological Sections and Subsection containing State park units are listed

* CNDDDB Occurrences supplemented by California Wildlife Habitat Relationships species ranges

** CNDDDB Occurrences associated to nearest Ecological

¹ Status definitions:

Federal Endangered Species Act (FESA):

- FE Endangered
- FT Threatened
- FPE Proposed Endangered
- FPT Proposed Threatened
- FC Candidate
- FD Delisted

California Endangered Species Act (CESA):

- CE Endangered
- CT Threatened
- CR Rare
- CCE Candidate Endangered
- CD Delisted

Other California Department of Fish and Game (DFG):

- FP Fully Protected under the California Fish and Game Code
- CSC Considered California species of special concern by DFG (no formal protection other than CEQA consideration)

California Rare Plant Rank (CRPR):

List 1A Plants Presumed Extinct in California

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

- 0.1 Seriously threatened in California (high degree/immediacy of threat)
- 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
- 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)

List 2 Plants Rare, Threatened, or Endangered in California, but More Common Elsewhere

- 0.1 Seriously threatened in California (high degree/immediacy of threat)
- 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
- 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)

List 4 Plants of Limited Distribution - A Watch List

- 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
- 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)

Source: CNDDDB 2011; CA State Parks 2010; USFS 1997.

Table I-10. Known Occurrences of Special-Status Species in Ecological Sections and Subsections

Northern California Interior Coast Ranges Section

Common Name	Scientific Name	Status ¹			USFS Ecological Subsection
		FESA	CESA	Other DFG	Tehama Terraces
Plants					
adobe-lily	<i>Fritillaria pluriflora</i>	--	--	1B.2	X
Ahart's dwarf rush	<i>Juncus leiospermus</i> var. <i>ahartii</i>	--	--	1B.2	X
Ahart's paronychia	<i>Paronychia ahartii</i>	--	--	1B.1	X
Baker's navarretia	<i>Navarretia leucocephala</i> ssp. <i>baken</i>	--	--	1B.1	X
big-scale balsamroot	<i>Balsamorhiza macrolepis</i> var. <i>macrolepis</i>	--	--	1B.2	X
Boggs Lake hedge-hyssop	<i>Gratiola heterosepala</i>	--	CE	1B.2	X
dwarf downingia	<i>Downingia pusilla</i>	--	--	2.2	X
Jepson's horkelia	<i>Horkelia daucifolia</i> var. <i>indicta</i>	--	--	1B.1	X
Jepson's milk-vetch	<i>Astragalus rattanii</i> var. <i>jepsonianus</i>	--	--	1B.2	X
legenere	<i>Legenere limosa</i>	--	--	1B.1	X
pink creamsacs	<i>Castilleja rubicundula</i> ssp. <i>rubicundula</i>	--	--	1B.2	X
pointed broom sedge	<i>Carex scoparia</i>	--	--	2.2	X
Red Bluff dwarf rush	<i>Juncus leiospermus</i> var. <i>leiospermus</i>	--	--	1B.1	X
silky cryptantha	<i>Cryptantha crinita</i>	--	--	1B.2	X
slender Orcutt grass	<i>Orcuttia tenuis</i>	FT	CE	1B.1	X
Stony Creek spurge	<i>Chamaesyce ocellata</i> ssp. <i>rattanii</i>	--	--	1B.2	X
Sulphur Creek brodiaea	<i>Brodiaea matsonii</i>	--	--	1B.1	X
white-stemmed clarkia	<i>Clarkia gracilis</i> ssp. <i>albicaulis</i>	--	--	1B.2	X
Wildlife					
bald eagle	<i>Haliaeetus leucocephalus</i>	FD	CE	FP	X
bank swallow	<i>Riparia riparia</i>	--	CT	--	X
burrowing owl	<i>Athene cunicularia</i>	--	--	CSC	X
chinook salmon - Central Valley spring-run ESU	<i>Oncorhynchus tshawytscha</i>	FT	CT	--	X
chinook salmon - Sacramento River winter-run ESU	<i>Oncorhynchus tshawytscha</i>	FE	CE	--	X
pallid bat	<i>Antrozous pallidus</i>	--	--	CSC	X
Sierra Nevada red fox	<i>Vulpes vulpes necator</i>	--	CT	--	X
spotted bat	<i>Euderma maculatum</i>	--	--	CSC	X
Swainson's hawk	<i>Buteo swainsoni</i>	--	CT	--	X
tricolored blackbird	<i>Agelaius tricolor</i>	--	--	CSC	X
valley elderberry longhorn beetle	<i>Desmocerus californicus dimorphus</i>	FT	--	--	X
vernal pool fairy shrimp	<i>Branchinecta lynchi</i>	FT	--	--	X
vernal pool tadpole shrimp	<i>Lepidurus packardii</i>	FE	--	--	X
western pond turtle	<i>Emys marmorata</i>	--	--	CSC	X
western red bat	<i>Lasiurus blossevillii</i>	--	--	CSC	X
western spadefoot	<i>Spea hammondi</i>	--	--	CSC	X
Natural Communities					
Great Valley Cottonwood Riparian Forest	<i>Great Valley Cottonwood Riparian Forest</i>	--	--	--	X
Great Valley Mixed Riparian Forest	<i>Great Valley Mixed Riparian Forest</i>	--	--	--	X
Great Valley Valley Oak Riparian Forest	<i>Great Valley Valley Oak Riparian Forest</i>	--	--	--	X
Great Valley Willow Scrub	<i>Great Valley Willow Scrub</i>	--	--	--	X
Northern Hardpan Vernal Pool	<i>Northern Hardpan Vernal Pool</i>	--	--	--	X
Valley Needlegrass Grassland	<i>Valley Needlegrass Grassland</i>	--	--	--	X
Note: Only USFS Ecological Sections and Subsection containing State park units are listed					
* CNDDDB Occurrences supplemented by California Wildlife Habitat Relationships species ranges					
** CNDDDB Occurrences associated to nearest Ecological					
† Status definitions:					
Federal Endangered Species Act (FESA):			California Endangered Species Act (CESA):		
FE	Endangered		CE	Endangered	
FT	Threatened		CT	Threatened	
FPE	Proposed Endangered		CR	Rare	
FPT	Proposed Threatened		CCE	Candidate Endangered	
FC	Candidate		CD	Delisted	
FD	Delisted				
Other California Department of Fish and Game (DFG):					
FP	Fully Protected under the California Fish and Game Code				
CSC	Considered California species of special concern by DFG (no formal protection other than CEQA consideration)				
California Rare Plant Rank (CRPR):					
<i>List 1A Plants Presumed Extinct in California</i>					
<i>List 1B Plants Rare, Threatened, or Endangered in California and Elsewhere</i>					
0.1 Seriously threatened in California (high degree/immediacy of threat)					
0.2 Fairly threatened in California (moderate degree/immediacy of threat)					
0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)					
<i>List 2 Plants Rare, Threatened, or Endangered in California, but More Common Elsewhere</i>					
0.1 Seriously threatened in California (high degree/immediacy of threat)					
0.2 Fairly threatened in California (moderate degree/immediacy of threat)					
0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)					
<i>List 4 Plants of Limited Distribution - A Watch List</i>					
0.2 Fairly threatened in California (moderate degree/immediacy of threat)					
0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)					
Source: CNDDDB 2011; CA State Parks 2010; USFS 1997.					

Table I-11. Known Occurrences of Special-Status Species in Ecological Sections and Subsections

Sierra Nevada Section

Common Name	Scientific Name	Status ¹			USFS Ecological Subsection									
		FESA	CESA	Other DFG	Batholith and Volcanic Flows	Eastern Slopes	Glaciated Batholith and Volcanic Flows	Granitic and Metamorphic Foothills	Greenville-Graeagle	Tahoe Valley	Tahoe-Truckee	Tehachapi-Piute Mountains	Upper Batholith and Volcanic Flows	Upper Foothills Metamorphic Belt
Fen	<i>Fen</i>	--	--	--							X		X	X
Great Basin Cutthroat Trout/Paiute Sculpin Stream	<i>Great Basin Cutthroat Trout/Paiute Sculpin Stream</i>	--	--	--							X		X	
Great Basin Sucker/Dace/Redside Stream With Cutthroat Trout	<i>Great Basin Sucker/Dace/Redside Stream With Cutthroat Trout</i>	--	--	--							X			
Great Valley Cottonwood Riparian Forest	<i>Great Valley Cottonwood Riparian Forest</i>	--	--	--		X								
Sacramento-San Joaquin Foothill/Valley Ephemeral Stream	<i>Sacramento-San Joaquin Foothill/Valley Ephemeral Stream</i>	--	--	--										X
Southern Interior Cypress Forest	<i>Southern Interior Cypress Forest</i>	--	--	--								X		
Sphagnum Bog	<i>Sphagnum Bog</i>	--	--	--			X		X					X
Valley Oak Woodland	<i>Valley Oak Woodland</i>	--	--	--		X								
Water Birch Riparian Scrub	<i>Water Birch Riparian Scrub</i>	--	--	--		X								

Note: Only USFS Ecological Sections and Subsection containing State park units are listed
 * CNDDDB Occurrences supplemented by California Wildlife Habitat Relationships species ranges
 ** CNDDDB Occurrences associated to nearest

¹ Status definitions:

Federal Endangered Species Act (FESA):

- FE Endangered
- FT Threatened
- FPE Proposed Endangered
- FPT Proposed Threatened
- FC Candidate
- FD Delisted

California Endangered Species Act (CESA):

- CE Endangered
- CT Threatened
- CR Rare
- CCE Candidate Endangered
- CD Delisted

Other California Department of Fish and Game (DFG):

- FP Fully Protected under the California Fish and Game Code
- CSC Considered California species of special concern by DFG (no formal protection other than CEQA consideration)

California Rare Plant Rank (CRPR):

- List 1A *Plants Presumed Extinct in California*
- List 1B *Plants Rare, Threatened, or Endangered in California and Elsewhere*
 - 0.1 Seriously threatened in California (high degree/immediacy of threat)
 - 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
 - 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)
- List 2 *Plants Rare, Threatened, or Endangered in California, but More Common Elsewhere*
 - 0.1 Seriously threatened in California (high degree/immediacy of threat)
 - 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
 - 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)
- List 4 *Plants of Limited Distribution - A Watch List*
 - 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
 - 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)

Source: CNDDDB 2011; CA State Parks 2010; USFS 1997.

Table I-12. Known Occurrences of Special-Status Species in Ecological Sections and Subsections

Sierra Nevada Foothills Section

Common Name	Scientific Name	Status ¹			USFS Ecological Subsection		
		FESA	CESA	Other DFG	Lower Foothills Metamorphic Belt	Lower Granitic Foothills	San Emigdio Mountains
Sierra Nevada red fox	<i>Vulpes vulpes necator</i>	--	CT	--		X	
spotted bat	<i>Euderma maculatum</i>	--	--	CSC		X	
Swainson's hawk	<i>Buteo swainsoni</i>	--	CT	--	X	X	
Tehachapi pocket mouse	<i>Perognathus alticola inexpectatus</i>	--	--	CSC			X
Tehachapi slender salamander	<i>Batrachoseps stebbinsi</i>	--	CT	--			X
Townsend's big-eared bat	<i>Corynorhinus townsendii</i>	--	--	CSC	X		
tricolored blackbird	<i>Agelaius tricolor</i>	--	--	CSC	X	X	X
valley elderberry longhorn beetle	<i>Desmocerus californicus dimorphus</i>	FT	--	--	X	X	
vernal pool fairy shrimp	<i>Branchinecta lynchi</i>	FT	--	--	X	X	
vernal pool tadpole shrimp	<i>Lepidurus packardii</i>	FE	--	--	X	X	
western mastiff bat	<i>Eumops perotis californicus</i>	--	--	CSC	X	X	
western pond turtle	<i>Emys marmorata</i>	--	--	CSC	X	X	X
western red bat	<i>Lasiurus blossevillii</i>	--	--	CSC	X		
western spadefoot	<i>Spea hammondi</i>	--	--	CSC	X	X	
white-tailed kite	<i>Elanus leucurus</i>	--	--	FP	X		
willow flycatcher	<i>Empidonax traillii</i>	--	CE	--		X	
yellow warbler	<i>Dendroica petechia brewsteri</i>	--	--	CSC	X		
yellow-blotched salamander	<i>Ensatina eschscholtzii croceator</i>	--	--	CSC			X
Natural Communities							
Central Valley Drainage Hardhead/Squawfish Stream	Central Valley Drainage Hardhead/Squawfish Stream	--	--	--	X	X	
Central Valley Drainage Rainbow Trout/Cyprinid Stream	Central Valley Drainage Rainbow Trout/Cyprinid Stream	--	--	--		X	
Central Valley Drainage Resident Rainbow Trout Stream	Central Valley Drainage Resident Rainbow Trout Stream	--	--	--		X	
Great Valley Mixed Riparian Forest	Great Valley Mixed Riparian Forest	--	--	--		X	
Great Valley Willow Scrub	Great Valley Willow Scrub	--	--	--	X		
lone Chaparral	lone Chaparral	--	--	--	X		
Northern Basalt Flow Vernal Pool	Northern Basalt Flow Vernal Pool	--	--	--	X	X	
Northern Claypan Vernal Pool	Northern Claypan Vernal Pool	--	--	--		X	
Northern Hardpan Vernal Pool	Northern Hardpan Vernal Pool	--	--	--	X	X	
Northern Volcanic Mud Flow Vernal Pool	Northern Volcanic Mud Flow Vernal Pool	--	--	--	X		
Southern Cottonwood Willow Riparian Forest	Southern Cottonwood Willow Riparian Forest	--	--	--			X
Sycamore Alluvial Woodland	Sycamore Alluvial Woodland	--	--	--		X	
Valley Needlegrass Grassland	Valley Needlegrass Grassland	--	--	--			X
Valley Oak Woodland	Valley Oak Woodland	--	--	--			X
Wildflower Field	Wildflower Field	--	--	--			X

Note: Only USFS Ecological Sections and Subsection containing State park units are listed
 * CNDDDB Occurrences supplemented by California Wildlife Habitat Relationships species ranges

** CNDDDB Occurrences associated to nearest Ecological

¹ Status definitions:

Federal Endangered Species Act (FESA):

- FE Endangered
- FT Threatened
- FPE Proposed Endangered
- FPT Proposed Threatened
- FC Candidate
- FD Delisted

California Endangered Species Act (CESA):

- CE Endangered
- CT Threatened
- CR Rare
- CCE Candidate Endangered
- CD Delisted

Other California Department of Fish and Game (DFG):

- FP Fully Protected under the California Fish and Game Code
- CSC Considered California species of special concern by DFG (no formal protection other than CEQA consideration)
- California Rare Plant Rank (CRPR):

List 1A Plants Presumed Extinct in California

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

- 0.1 Seriously threatened in California (high degree/immediacy of threat)
- 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
- 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)

List 2 Plants Rare, Threatened, or Endangered in California, but More Common Elsewhere

- 0.1 Seriously threatened in California (high degree/immediacy of threat)
- 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
- 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)

List 4 Plants of Limited Distribution - A Watch List

- 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
- 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)

Source: CNDDDB 2011; CA State Parks 2010; USFS 1997.

Table I-13. Known Occurrences of Special-Status Species in Ecological Sections and Subsections

Sonoran Desert Section

Common Name	Scientific Name	Status ¹			USFS Ecological Subsection	
		FESA	CESA	Other DFG	Chocolate Mountains and Valleys	Gila Bend Plain Desert Shrubland
Plants						
bitter hymenoxys	<i>Hymenoxys odorata</i>	--	--	2	X	X
California ayenia	<i>Ayenia compacta</i>	--	--	2.3	X	
Cove's cassia	<i>Senna covesii</i>	--	--	2.2	X	
Darlington's blazing star	<i>Mentzelia puberula</i>	--	--	2.2	X	
Deep Canyon snapdragon	<i>Antirrhinum cyathiferum</i>	--	--	2.3	X	
desert pincushion	<i>Coryphantha chlorantha</i>	--	--	2.1		X
desert sand-parsley	<i>Ammoselinum giganteum</i>	--	--	2.3	X	
desert spike-moss	<i>Selaginella eremophila</i>	--	--	2.2	X	
dwarf germander	<i>Teucrium cubense ssp. depressum</i>	--	--	2.2	X	
Emory's crucifixion-thorn	<i>Castela emoryi</i>	--	--	2.3	X	X
glandular ditaxis	<i>Ditaxis claryana</i>	--	--	2.2	X	X
Harwood's milk-vetch	<i>Astragalus insularis var. harwoodii</i>	--	--	2.2	X	
Las Animas colubrina	<i>Colubrina californica</i>	--	--	2.3	X	
Munz's cholla	<i>Cylindropuntia munzii</i>	--	--	1B.3	X	
Orocopia sage	<i>Salvia greatae</i>	--	--	1B.3	X	
pink fairy-duster	<i>Calliandra eriophylla</i>	--	--	2.3	X	
saguaro	<i>Carnegiea gigantea</i>	--	--	2.2	X	
sand evening-primrose	<i>Camissonia arenaria</i>	--	--	2.2	X	X
slender-spined all-thorn	<i>Koeberlinia spinosa ssp. tenuispina</i>	--	--	2.2	X	
spear-leaf matelea	<i>Matelea parvifolia</i>	--	--	2.3	X	
triple-ribbed milk-vetch	<i>Astragalus tricarinatus</i>	FE	--	1B.2	X	
Wildlife						
American badger	<i>Taxidea taxus</i>	--	--	CSC	X	X
Arizona bell's vireo	<i>Vireo bellii arizonae</i>	--	CE	--	X	X
banded gila monster	<i>Heloderma suspectum cinctum</i>	--	--	CSC	X	
Bendire's thrasher	<i>Toxostoma bendirei</i>	--	--	CSC	X	
California black rail	<i>Laterallus jamaicensis coturniculus</i>	--	CT	FP	X	X
California leaf-nosed bat	<i>Macrotus californicus</i>	--	--	CSC	X	
cave myotis	<i>Myotis velifer</i>	--	--	CSC	X	X
Colorado pikeminnow	<i>Ptychocheilus lucius</i>	FE	CE	FP	X	
Colorado River cotton rat	<i>Sigmodon arizonae plenus</i>	--	--	CSC	X	X
Couch's spadefoot	<i>Scaphiopus couchii</i>	--	--	CSC	X	
Crissal thrasher	<i>Toxostoma crissale</i>	--	--	CSC	X	X
desert pupfish	<i>Cyprinodon macularius</i>	FE	CE	--	X	
desert tortoise	<i>Gopherus agassizii</i>	FT	CT	--	X	
elf owl	<i>Micrathene whitneyi</i>	--	CE	--	X	
Gila woodpecker	<i>Melanerpes uropygialis</i>	--	CE	--	X	X
gilded flicker	<i>Colaptes chrysoides</i>	--	CE	--	X	
Le Conte's thrasher	<i>Toxostoma lecontei</i>	--	--	CSC	X	
least bittern	<i>Ixobrychus exilis</i>	--	--	CSC	X	X
loggerhead shrike	<i>Lanius ludovicianus</i>	--	--	CSC	X	
lowland (=Yavapai, San Sebastian & San Felipe)	<i>Lithobates yavapaiensis</i>	--	--	CSC	X	
leopard frog	<i>Oreothlypis luciae</i>	--	--	CSC	X	
Lucy's warbler	<i>Oreothlypis luciae</i>	--	--	CSC	X	
pallid bat	<i>Antrozous pallidus</i>	--	--	CSC	X	X
pallid San Diego pocket mouse	<i>Chaetodipus fallax pallidus</i>	--	--	CSC	X	
Palm Springs pocket mouse	<i>Perognathus longimembris bangs</i>	--	--	CSC	X	
pocketed free-tailed bat	<i>Nyctinomops femorosaccus</i>	--	--	CSC	X	
razorback sucker	<i>Xyrauchen texanus</i>	FE	CE	FP	X	X
Sonoran yellow warbler	<i>Dendroica petechia sonorana</i>	--	--	CSC	X	
southwestern willow flycatcher	<i>Empidonax traillii extimus</i>	FE	CE	--	X	
summer tanager	<i>Piranga rubra</i>	--	--	CSC	X	X
Townsend's big-eared bat	<i>Corynorhinus townsendii</i>	--	--	CSC	X	
vermillion flycatcher	<i>Pyrocephalus rubinus</i>	--	--	CSC	X	X
western mastiff bat	<i>Eumops perotis californicus</i>	--	--	CSC	X	X
western yellow bat	<i>Lasiurus xanthinus</i>	--	--	CSC	X	
western yellow-billed cuckoo	<i>Coccyzus americanus occidentalis</i>	FC	CE	--	X	X
yellow-breasted chat	<i>Icteria virens</i>	--	--	CSC	X	X
Yuma clapper rail	<i>Rallus longirostris yumanensis</i>	FE	CT	FP	X	X
Yuma hispid cotton rat	<i>Sigmodon hispidus eremicus</i>	--	--	CSC	X	
Yuma mountain lion	<i>Puma concolor browni</i>	--	--	CSC	X	X
Natural Communities						
Desert Fan Palm Oasis Woodland	<i>Desert Fan Palm Oasis Woodland</i>	--	--	--	X	
Sonoran Cottonwood Willow Riparian Forest	<i>Sonoran Cottonwood Willow Riparian Forest</i>	--	--	--	X	X
Note: Only USFS Ecological Sections and Subsection containing State park units are listed						
* CNDDDB Occurrences supplemented by California Wildlife Habitat Relationships species ranges						
** CNDDDB Occurrences associated to nearest						
¹ Status definitions:						
Federal Endangered Species Act (FESA):			California Endangered Species Act (CESA):			
FE	Endangered		CE	Endangered		
FT	Threatened		CT	Threatened		
FPE	Proposed Endangered		CR	Rare		
FPT	Proposed Threatened		CCE	Candidate Endangered		
FC	Candidate		CD	Delisted		
FD	Delisted					
Other California Department of Fish and Game (DFG):						
FP Fully Protected under the California Fish and Game Code						
CSC Considered California species of special concern by DFG (no formal protection other than CEQA consideration)						
California Rare Plant Rank (CRPR):						
List 1A Plants Presumed Extinct in California						
List 1B Plants Rare, Threatened, or Endangered in California and Elsewhere						
0.1 Seriously threatened in California (high degree/immediacy of threat)						
0.2 Fairly threatened in California (moderate degree/immediacy of threat)						
0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)						
List 2 Plants Rare, Threatened, or Endangered in California, but More Common Elsewhere						
0.1 Seriously threatened in California (high degree/immediacy of threat)						
0.2 Fairly threatened in California (moderate degree/immediacy of threat)						
0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)						
List 4 Plants of Limited Distribution - A Watch List						
0.2 Fairly threatened in California (moderate degree/immediacy of threat)						
0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)						
Source: CNDDDB 2011; CA State Parks 2010; USFS 1997.						

Table I-14. Known Occurrences of Special-Status Species in Ecological Sections and Subsections

Southern California Coast Section

Common Name	Scientific Name	Status ¹			USFS Ecological Subsection							
		FESA	CESA	Other DFG	Coastal Hills	Coastal Terraces	Los Angeles Plain	Onward Plain-Santa Paula Valley	Santa Monica Mountains	Santa Ynez Valleys and Hills	Santa Ynez-Sulphur Mountains	Simi Valley-Santa Susana Mountains
Mexican long-tongued bat	<i>Choeronycteris mexicana</i>	--	--	CSC	X	X	X	X			X	
Mohave tui chub	<i>Siphateles bicolor mohavensis</i>	FE	CE	FP			X					
northern harrier	<i>Circus cyaneus</i>	--	--	CSC	X	X						
northern leopard frog	<i>Lithobates pipiens</i>	--	--	CSC	X							
northwestern San Diego pocket mouse	<i>Chaetodipus fallax fallax</i>	--	--	CSC	X	X						
orangethroat whiptail	<i>Aspidoscelis hyperythra</i>	--	--	CSC	X	X	X					
Pacific pocket mouse	<i>Perognathus longimembris pacificus</i>	FE	--	CSC	X	X	X					
pallid bat	<i>Antrozous pallidus</i>	--	--	CSC	X	X	X	X	X	X	X	X
Palos Verdes blue butterfly	<i>Glaucopsyche lygdamus palosverdesensis</i>	FE	--	--			X					
pocketed free-tailed bat	<i>Nyctinomops femorosaccus</i>	--	--	CSC	X	X	X					
quino checkerspot butterfly	<i>Euphydryas editha quino</i>	FE	--	--	X	X						
red-diamond rattlesnake	<i>Crotalus ruber</i>	--	--	CSC	X	X	X					
Riverside fairy shrimp	<i>Streptocephalus woottoni</i>	FE	--	--	X	X						X
San Diego black-tailed jackrabbit	<i>Lepus californicus bennettii</i>	--	--	CSC	X	X	X					
San Diego desert woodrat	<i>Neotoma lepida intermedia</i>	--	--	CSC	X	X	X	X	X	X	X	X
San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>	FE	--	--	X	X	X					
Santa Ana speckled dace	<i>Rhinichthys osculus ssp. 3</i>	--	--	CSC	X		X					
Santa Ana sucker	<i>Catostomus santaanae</i>	FT	--	CSC	X		X	X			X	X
Sierra Madre yellow-legged frog	<i>Rana muscosa</i>	FE	CCE	CSC			X					
silvery legless lizard	<i>Anniella pulchra pulchra</i>	--	--	CSC	X	X	X	X	X	X		X
south coast garter snake	<i>Thamnophis sirtalis ssp.</i>	--	--	CSC	X	X		X				
south coast marsh vole	<i>Microtus californicus stephensi</i>	--	--	CSC			X	X	X			
southern California saltmarsh shrew	<i>Sorex ornatus salicornicus</i>	--	--	CSC			X	X	X			
southern grasshopper mouse	<i>Onychomys torridus ramona</i>	--	--	CSC			X					
southern steelhead - southern California DPS	<i>Oncorhynchus mykiss irideus</i>	FE	--	CSC				X	X	X	X	X
southwestern willow flycatcher	<i>Empidonax traillii extimus</i>	FE	CE	--	X	X	X	X	X	X	X	X
spotted bat	<i>Euderma maculatum</i>	--	--	CSC		X				X		
Stephens' kangaroo rat	<i>Dipodomys stephensi</i>	FE	CT	--	X							
tidewater goby	<i>Eucyclogobius newberryi</i>	FE	--	CSC	X	X		X	X	X	X	X
Townsend's big-eared bat	<i>Corynorhinus townsendii</i>	--	--	CSC	X					X	X	
tricolored blackbird	<i>Agelaius tricolor</i>	--	--	CSC	X	X	X			X	X	
two-striped garter snake	<i>Thamnophis hammondi</i>	--	--	CSC	X	X	X	X	X	X	X	X
unarmored threespine stickleback	<i>Gasterosteus aculeatus williamsoni</i>	FE	CE	FP				X		X	X	X
western mastiff bat	<i>Eumops perotis californicus</i>	--	--	CSC	X	X	X		X	X	X	X
western pond turtle	<i>Emys marmorata</i>	--	--	CSC	X	X	X	X	X	X	X	X
western red bat	<i>Lasiurus blossevillii</i>	--	--	CSC	X	X			X	X	X	
western snowy plover	<i>Charadrius alexandrinus nivosus</i>	FT	--	CSC	X	X	X	X		X	X	
western spadefoot	<i>Spea hammondi</i>	--	--	CSC	X	X	X	X		X		X
western yellow bat	<i>Lasiurus xanthinus</i>	--	--	CSC	X	X	X					
western yellow-billed cuckoo	<i>Coccyzus americanus occidentalis</i>	FC	CE	--		X	X	X				X
white-tailed kite	<i>Elanus leucurus</i>	--	--	FP	X	X	X	X			X	
yellow warbler	<i>Dendroica petechia brewsteri</i>	--	--	CSC	X	X		X		X		X
yellow-breasted chat	<i>Icteria virens</i>	--	--	CSC	X	X	X	X				X

Natural Communities

California Walnut Woodland	<i>California Walnut Woodland</i>	--	--	--	X		X	X	X		X	X
Central Coast Arroyo Willow Riparian Forest	<i>Central Coast Arroyo Willow Riparian Forest</i>	--	--	--						X	X	
Central Dune Scrub	<i>Central Dune Scrub</i>	--	--	--						X	X	
Central Foredunes	<i>Central Foredunes</i>	--	--	--						X	X	
Central Maritime Chaparral	<i>Central Maritime Chaparral</i>	--	--	--						X	X	
Cismontane Alkali Marsh	<i>Cismontane Alkali Marsh</i>	--	--	--								X
Coastal and Valley Freshwater Marsh	<i>Coastal and Valley Freshwater Marsh</i>	--	--	--				X		X		
Coastal Brackish Marsh	<i>Coastal Brackish Marsh</i>	--	--	--			X					
Maritime Succulent Scrub	<i>Maritime Succulent Scrub</i>	--	--	--	X	X						
Northern Coastal Salt Marsh	<i>Northern Coastal Salt Marsh</i>	--	--	--						X	X	
Open Engelmann Oak Woodland	<i>Open Engelmann Oak Woodland</i>	--	--	--				X				
Riversidian Alluvial Fan Sage Scrub	<i>Riversidian Alluvial Fan Sage Scrub</i>	--	--	--	X			X				
San Diego Mesa Claypan Vernal Pool	<i>San Diego Mesa Claypan Vernal Pool</i>	--	--	--	X	X						
San Diego Mesa Hardpan Vernal Pool	<i>San Diego Mesa Hardpan Vernal Pool</i>	--	--	--	X	X						
Southern California Arroyo Chub/Santa Ana Sucker Stream	<i>Southern California Arroyo Chub/Santa Ana Sucker Stream</i>	--	--	--				X				
Southern California Coastal Lagoon	<i>Southern California Coastal Lagoon</i>	--	--	--				X	X	X	X	
Southern California Steelhead Stream	<i>Southern California Steelhead Stream</i>	--	--	--				X	X	X	X	
Southern California Threespine Stickleback Stream	<i>Southern California Threespine Stickleback Stream</i>	--	--	--				X		X		X
Southern Coast Live Oak Riparian Forest	<i>Southern Coast Live Oak Riparian Forest</i>	--	--	--	X	X	X	X	X	X	X	X
Southern Coastal Bluff Scrub	<i>Southern Coastal Bluff Scrub</i>	--	--	--				X				
Southern Coastal Salt Marsh	<i>Southern Coastal Salt Marsh</i>	--	--	--			X	X	X		X	
Southern Cottonwood Willow Riparian Forest	<i>Southern Cottonwood Willow Riparian Forest</i>	--	--	--	X	X	X			X	X	X
Southern Dune Scrub	<i>Southern Dune Scrub</i>	--	--	--			X	X				
Southern Foredunes	<i>Southern Foredunes</i>	--	--	--			X	X				
Southern Interior Cypress Forest	<i>Southern Interior Cypress Forest</i>	--	--	--	X							
Southern Maritime Chaparral	<i>Southern Maritime Chaparral</i>	--	--	--	X	X						
Southern Mixed Riparian Forest	<i>Southern Mixed Riparian Forest</i>	--	--	--	X		X					X
Southern Riparian Forest	<i>Southern Riparian Forest</i>	--	--	--	X	X						X
Southern Riparian Scrub	<i>Southern Riparian Scrub</i>	--	--	--	X	X		X				X
Southern Sycamore Alder Riparian Woodland	<i>Southern Sycamore Alder Riparian Woodland</i>	--	--	--	X	X	X	X	X		X	X
Southern Vernal Pool	<i>Southern Vernal Pool</i>	--	--	--						X		
Southern Willow Scrub	<i>Southern Willow Scrub</i>	--	--	--	X	X	X	X		X	X	X
Torrey Pine Forest	<i>Torrey Pine Forest</i>	--	--	--			X					
Valley Needlegrass Grassland	<i>Valley Needlegrass Grassland</i>	--	--	--	X	X	X		X	X	X	X
Valley Oak Woodland	<i>Valley Oak Woodland</i>	--	--	--						X		X
Walnut Forest	<i>Walnut Forest</i>	--	--	--				X				

Note: Only USFS Ecological Sections and Subsection containing State park units are listed
 * CNDDDB Occurrences supplemented by California Wildlife Habitat Relationships species ranges
 ** CNDDDB Occurrences associated to nearest
¹ Status definitions:

- | | |
|---|--|
| Federal Endangered Species Act (FESA): | California Endangered Species Act (CESA): |
| FE Endangered | CE Endangered |
| FT Threatened | CT Threatened |
| FPE Proposed Endangered | CR Rare |
| FPT Proposed Threatened | CCE Candidate Endangered |
| FC Candidate | CD Delisted |
| FD Delisted | |

- Other California Department of Fish and Game (DFG):**
 FP Fully Protected under the California Fish and Game Code
 CSC Considered California species of special concern by DFG (no formal protection other than CEQA consideration)
 California Rare Plant Rank (CRPR):
 List 1A Plants Presumed Extinct in California
 List 1B Plants Rare, Threatened, or Endangered in California and Elsewhere
 0.1 Seriously threatened in California (high degree/immediacy of threat)
 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)
 List 2 Plants Rare, Threatened, or Endangered in California, but More Common Elsewhere
 0.1 Seriously threatened in California (high degree/immediacy of threat)
 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)
 List 4 Plants of Limited Distribution - A Watch List
 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)

Source: CNDDDB 2011; CA State Parks 2010; USFS 1997.

Table I-15. Known Occurrences of Special-Status Species in Ecological Sections and Subsections

Southern California Mountains and Valleys Section

Common Name	Scientific Name	Status ¹			USFS Ecological Subsection											
		FESA	CESA	Other DFG	Desert Slopes	Fontana Plan-Calimesa Terraces	Little San Bernardino-Bighorn Mountains	Northern Transverse Ranges	Palomar-Cuyamaca Park	Pemis Valley and Hills	San Geronimo Mountains	San Jacinto Foothills-Calhulla Mountains	San Jacinto Mountains	Santa Ana Mountains	Upper San Geronimo Mountains	Western Granitic Foothills
Townsend's big-eared bat	<i>Corynorhinus townsendii</i>	--	--	CSC	X		X		X		X					X
tricolored blackbird	<i>Agelaius tricolor</i>	--	--	CSC	X	X			X		X			X		X
two-striped garter snake	<i>Thamnophis hammondi</i>	--	--	CSC	X	X		X	X		X			X	X	X
unarmored threespine stickleback	<i>Gasterosteus aculeatus williamsoni</i>	FE	CE	FP	X			X							X	
vermillion flycatcher	<i>Pyrocephalus rubinus</i>	--	--	CSC	X		X									
vernal pool fairy shrimp	<i>Branchinecta lynchi</i>	FT	--	--				X		X						
western mastiff bat	<i>Eumops perotis californicus</i>	--	--	CSC	X	X			X	X	X			X		X
western pond turtle	<i>Emys marmorata</i>	--	--	CSC				X	X	X		X		X		X
western red bat	<i>Lasiurus blossevillii</i>	--	--	CSC					X							X
western snowy plover	<i>Charadrius alexandrinus nivosus</i>	FT	--	CSC						X						
western spadefoot	<i>Spea hammondi</i>	--	--	CSC		X				X		X		X		X
western yellow bat	<i>Lasiurus xanthinus</i>	--	--	CSC	X	X	X		X	X	X			X	X	X
western yellow-billed cuckoo	<i>Coccyzus americanus occidentalis</i>	FC	CE	--		X				X				X		
white-eared pocket mouse	<i>Perognathus alticola alticola</i>	--	--	CSC							X				X	
white-tailed kite	<i>Elanus leucurus</i>	--	--	FP		X				X		X		X		X
yellow warbler	<i>Dendroica petechia brewsteri</i>	--	--	CSC	X	X	X			X	X	X				
yellow-blotched salamander	<i>Ensatina eschscholtzii croceator</i>	--	--	CSC				X								
yellow-breasted chat	<i>Icteria virens</i>	--	--	CSC	X	X	X			X				X		X
Natural Communities																
California Walnut Woodland	<i>California Walnut Woodland</i>	--	--	--		X								X		
Canyon Live Oak Ravine Forest	<i>Canyon Live Oak Ravine Forest</i>	--	--	--				X			X	X	X	X		
Coastal and Valley Freshwater Marsh	<i>Coastal and Valley Freshwater Marsh</i>	--	--	--		X										
Desert Fan Palm Oasis Woodland	<i>Desert Fan Palm Oasis Woodland</i>	--	--	--	X		X		X	X		X				
Mesquite Bosque	<i>Mesquite Bosque</i>	--	--	--	X		X									
Mojave Mixed Steppe	<i>Mojave Mixed Steppe</i>	--	--	--	X											
Mojave Riparian Forest	<i>Mojave Riparian Forest</i>	--	--	--	X		X									
Pebble Plains	<i>Pebble Plains</i>	--	--	--							X				X	
Riversidian Alluvial Fan Sage Scrub	<i>Riversidian Alluvial Fan Sage Scrub</i>	--	--	--		X				X	X					
Sonoran Cottonwood Willow Riparian Forest	<i>Sonoran Cottonwood Willow Riparian Forest</i>	--	--	--	X							X				
Southern California Arroyo Chub/Santa Ana Sucker Stream	<i>Southern California Arroyo Chub/Santa Ana Sucker Stream</i>	--	--	--		X								X		
Southern California Threespine Stickleback Stream	<i>Southern California Threespine Stickleback Stream</i>	--	--	--				X							X	
Southern Coast Live Oak Riparian Forest	<i>Southern Coast Live Oak Riparian Forest</i>	--	--	--		X		X		X		X	X	X	X	X
Southern Cottonwood Willow Riparian Forest	<i>Southern Cottonwood Willow Riparian Forest</i>	--	--	--		X		X		X		X	X	X	X	X
Southern Interior Basalt Flow Vernal Pool	<i>Southern Interior Basalt Flow Vernal Pool</i>	--	--	--										X		
Southern Interior Cypress Forest	<i>Southern Interior Cypress Forest</i>	--	--	--					X					X		X
Southern Mixed Riparian Forest	<i>Southern Mixed Riparian Forest</i>	--	--	--				X			X	X				
Southern Riparian Forest	<i>Southern Riparian Forest</i>	--	--	--	X	X		X		X				X		X
Southern Riparian Scrub	<i>Southern Riparian Scrub</i>	--	--	--		X		X		X						X
Southern Sycamore Alder Riparian Woodland	<i>Southern Sycamore Alder Riparian Woodland</i>	--	--	--		X		X		X	X	X		X		
Southern Willow Scrub	<i>Southern Willow Scrub</i>	--	--	--		X		X		X		X		X		
Valley Needlegrass Grassland	<i>Valley Needlegrass Grassland</i>	--	--	--				X						X		
Valley Oak Woodland	<i>Valley Oak Woodland</i>	--	--	--				X								
Walnut Forest	<i>Walnut Forest</i>	--	--	--										X		
Wildflower Field	<i>Wildflower Field</i>	--	--	--				X								

Note: Only USFS Ecological Sections and Subsection containing State park units are listed

* CNDDDB Occurrences supplemented by California Wildlife Habitat Relationships species ranges

** CNDDDB Occurrences associated to nearest

¹ Status definitions:

Federal Endangered Species Act (FESA):

- FE Endangered
- FT Threatened
- FPE Proposed Endangered
- FPT Proposed Threatened
- FC Candidate
- FD Delisted

Other California Department of Fish and Game (DFG):

- FP Fully Protected under the California Fish and Game Code
- CSC Considered California species of special concern by DFG (no formal protection other than CEQA consideration)

California Rare Plant Rank (CRPR):

- List 1A *Plants Presumed Extinct in California*
- List 1B *Plants Rare, Threatened, or Endangered in California and Elsewhere*
 - 0.1 Seriously threatened in California (high degree/immediacy of threat)
 - 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
 - 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)
- List 2 *Plants Rare, Threatened, or Endangered in California, but More Common Elsewhere*
 - 0.1 Seriously threatened in California (high degree/immediacy of threat)
 - 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
 - 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)
- List 4 *Plants of Limited Distribution - A Watch List*
 - 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
 - 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)

Source: CNDDDB 2011; CA State Parks 2010; USFS 1997.

California Endangered Species Act (CESA):

- CE Endangered
- CT Threatened
- CR Rare
- CCE Candidate Endangered
- CD Delisted

Table I-16. Known Occurrences of Special-Status Species in Ecological Sections and Subsections

Southern Cascades Section

Common Name	Scientific Name	Status ¹			USFS Ecological Subsection	
		FESA	CESA	Other DFG	Hat Creek Rim	Medicine Lake Lava Flows
Plants						
Aleppo avens	<i>Geum aleppicum</i>	--	--	2.2	X	
Bebb's willow	<i>Salix bebbiana</i>	--	--	2.3		X
Bellinger's meadowfoam	<i>Limnanthes floccosa</i> ssp. <i>bellingiana</i>	--	--	1B.2	X	
Boggs Lake hedge-hyssop	<i>Gratiola heterosepala</i>	--	CE	1B.2	X	X
bristly sedge	<i>Carex comosa</i>	--	--	2.1	X	
Columbia yellow cress	<i>Rorippa columbiae</i>	--	--	1B.2		X
cream-flowered bladderwort	<i>Utricularia ochroleuca</i>	--	--	2.2		X
doublet	<i>Dimeresia howellii</i>	--	--	2.3		X
eel-grass pondweed	<i>Potamogeton zosteriformis</i>	--	--	2.2	X	
Engelmann spruce	<i>Picea engelmannii</i>	--	--	2.2	X	
English Peak greenbrier	<i>Smilax jamesii</i>	--	--	1B.3	X	X
English sundew	<i>Drosera anglica</i>	--	--	2.3	X	
ephemeral monkeyflower	<i>Mimulus evanescens</i>	--	--	1B.2		X
flat-leaved bladderwort	<i>Utricularia intermedia</i>	--	--	2.2		X
Great Basin nemophila	<i>Nemophila breviflora</i>	--	--	2.3	X	
Greene's tuctoria	<i>Tuctoria greenei</i>	FE	CR	1B.1	X	
Howell's thelypodium	<i>Thelypodium howellii</i> ssp. <i>howellii</i>	--	--	1B.2	X	
Klamath fawn lily	<i>Erythronium klamathense</i>	--	--	2.2	X	X
Lemmon's milk-vetch	<i>Astragalus lemmonii</i>	--	--	1B.2	X	X
little hulsea	<i>Hulsea nana</i>	--	--	2.3		X
little ricegrass	<i>Oryzopsis exigua</i>	--	--	2.3		X
long-haired star-tulip	<i>Calochortus longebarbatus</i> var. <i>longebarbatus</i>	--	--	1B.2	X	X
long-leaved starwort	<i>Stellaria longifolia</i>	--	--	2.2	X	X
long-stiped campion	<i>Silene occidentalis</i> ssp. <i>longistipitata</i>	--	--	1B.2	X	
marsh skullcap	<i>Scutellaria galericulata</i>	--	--	2.2	X	X
Modoc County knotweed	<i>Polygonum polygaloides</i> ssp. <i>esotericum</i>	--	--	1B.1	X	X
Newberry's cinquefoil	<i>Potentilla newberryi</i>	--	--	2.3		X
northern clarkia	<i>Clarkia borealis</i> ssp. <i>borealis</i>	--	--	1B.3	X	
playa phacelia	<i>Phacelia inundata</i>	--	--	1B.3		X
Red Bluff dwarf rush	<i>Juncus leiospermus</i> var. <i>leiospermus</i>	--	--	1B.1	X	
scabrid alpine tarplant	<i>Anisocarpus scabridus</i>	--	--	1B.3	X	
slender Orcutt grass	<i>Orcuttia tenuis</i>	FT	CE	1B.1	X	X
slender-leaved pondweed	<i>Stuckenia filiformis</i>	--	--	2.2	X	
squarestem phlox	<i>Phlox muscoides</i>	--	--	2.3		X
squashberry	<i>Viburnum edule</i>	--	--	2.1	X	
Tracy's eriastrum	<i>Eriastrum tracyi</i>	--	CR	1B.2	X	
tufted loosestrife	<i>Lysimachia thyrsoiflora</i>	--	--	2.3	X	
watershield	<i>Brasenia schreberi</i>	--	--	2.3	X	
Wildlife						
American badger	<i>Taxidea taxus</i>	--	--	CSC	X	
American white pelican	<i>Pelecanus erythrorhynchos</i>	--	--	CSC		X
bald eagle	<i>Haliaeetus leucocephalus</i>	FD	CE	FP	X	X
bank swallow	<i>Riparia riparia</i>	--	CT	--	X	X
bigeye marbled sculpin	<i>Cottus klamathensis macrops</i>	--	--	CSC	X	X
black swift	<i>Cypseloides niger</i>	--	--	CSC	X	
bull trout	<i>Salvelinus confluentus</i>	FT	CE	--	X	
California wolverine	<i>Gulo gulo</i>	FC	CT	FP	X	X
Cascades frog	<i>Rana cascadae</i>	--	--	CSC	X	
foothill yellow-legged frog	<i>Rana boylei</i>	--	--	CSC	X	
golden eagle	<i>Aquila chrysaetos</i>	--	--	FP		X
greater sage-grouse	<i>Centrocercus urophasianus</i>	FC	--	CSC		X
greater sandhill crane	<i>Grus canadensis tabida</i>	--	CT	FP	X	X
hardhead	<i>Mylopharodon conocephalus</i>	--	--	CSC	X	
Lost River sucker	<i>Deltistes luxatus</i>	FE	CE	FP		X
McCloud River redband trout	<i>Oncorhynchus mykiss</i> ssp. 2	--	--	CSC	X	
northern goshawk	<i>Accipiter gentilis</i>	--	--	CSC	X	X
northern spotted owl	<i>Strix occidentalis caurina</i>	FT	--	CSC	X	X
Oregon snowshoe hare	<i>Lepus americanus klamathensis</i>	--	--	CSC	X	
Oregon spotted frog	<i>Rana pretiosa</i>	FC	--	CSC		X
Pacific fisher	<i>Martes pennanti (pacifica) DPS</i>	FC	--	CSC	X	X
Pacific tailed frog	<i>Ascaphus truei</i>	--	--	CSC	X	
pallid bat	<i>Antrozous pallidus</i>	--	--	CSC		X
Pit roach	<i>Lavinia symmetricus mitrulus</i>	--	--	CSC	X	
purple martin	<i>Progne subis</i>	--	--	CSC	X	
rough sculpin	<i>Cottus asperimus</i>	--	CT	FP	X	X
Shasta crayfish	<i>Pacifastacus fortis</i>	FE	CE	--	X	X
shortnose sucker	<i>Chasmistes brevirostris</i>	FE	CE	FP		X
Sierra Nevada red fox	<i>Vulpes vulpes necator</i>	--	CT	--	X	
Swainson's hawk	<i>Buteo swainsoni</i>	--	CT	--		X
Townsend's big-eared bat	<i>Corynorhinus townsendii</i>	--	--	CSC	X	X
tricolored blackbird	<i>Agelaius tricolor</i>	--	--	CSC	X	X
western pond turtle	<i>Emys marmorata</i>	--	--	CSC	X	
western snowy plover	<i>Charadrius alexandrinus nivosus</i>	FT	--	CSC		X
western spadefoot	<i>Spea hammondi</i>	--	--	CSC		X
willow flycatcher	<i>Empidonax traillii</i>	--	CE	--	X	

Table I-16. Known Occurrences of Special-Status Species in Ecological Sections and Subsections

Southern Cascades Section

Common Name	Scientific Name	Status ¹			USFS Ecological Subsection	
		FESA	CESA	Other DFG	Hat Creek Rim	Medicine Lake Lava Flows
Natural Communities						
Big Lake	<i>Big Lake</i>	--	--	--	X	X
Lower McCloud River/Canyon River	<i>Lower McCloud River/Canyon River</i>	--	--	--	X	
Lower Pit River/Canyon River (Hardhead/Tule Perch River)	<i>Lower Pit River/Canyon River (Hardhead/Tule Perch River)</i>	--	--	--	X	
Northern Basalt Flow Vernal Pool	<i>Northern Basalt Flow Vernal Pool</i>	--	--	--	X	X
Northern Interior Cypress Forest	<i>Northern Interior Cypress Forest</i>	--	--	--		X
Pit R. Drainage Rough Sculpin/Shasta Crayfish Spring Stream	<i>Pit R. Drainage Rough Sculpin/Shasta Crayfish Spring Stream</i>	--	--	--	X	X
Pit River Drainage Speckled Dace/Pit Sculpin Stream	<i>Pit River Drainage Speckled Dace/Pit Sculpin Stream</i>	--	--	--	X	X
Pit River Drainage Squawfish/Sucker Valley Stream	<i>Pit River Drainage Squawfish/Sucker Valley Stream</i>	--	--	--	X	X

Note: Only USFS Ecological Sections and Subsection containing State park units are listed

* CNDDDB Occurrences supplemented by California Wildlife Habitat Relationships species ranges

** CNDDDB Occurrences associated to nearest

¹ Status definitions:

Federal Endangered Species Act (FESA):

- FE Endangered
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- FD Delisted

California Endangered Species Act (CESA):

- CE Endangered
- CT Threatened
- CR Rare
- CCE Candidate Endangered
- CD Delisted

Other California Department of Fish and Game (DFG):

- FP Fully Protected under the California Fish and Game Code
- CSC Considered California species of special concern by DFG (no formal protection other than CEQA consideration)
- California Rare Plant Rank (CRPR):

List 1A Plants Presumed Extinct in California

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

- 0.1 Seriously threatened in California (high degree/immediacy of threat)
- 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
- 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)

List 2 Plants Rare, Threatened, or Endangered in California, but More Common Elsewhere

- 0.1 Seriously threatened in California (high degree/immediacy of threat)
- 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
- 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)

List 4 Plants of Limited Distribution - A Watch List

- 0.2 Fairly threatened in California (moderate degree/immediacy of threat)
- 0.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)

Source: CNDDDB 2011; CA State Parks 2010; USFS 1997.