

Appendix F

Special Status Species With Potential to Occur Within the PBLUMA

Special Status Species Documented by the California Natural Diversity Database and Inventory of Rare and Endangered Plants of California within the PBLUMA

Scientific Name Common Name	Status	Habitat Requirements
	Federal/State Global Rank/State Rank CDFW or CRPR	
Plants and Lichens		
<i>Abies bracteata</i> bristlecone fir	None/None G2G3/S2S3 1B.3	Lower montane coniferous forest, broad-leafed upland forest, and chaparral. Rocky, serpentine. 180-1600 meters above mean sea level (m). Blooms May-Jun.
<i>Acanthomintha obovata</i> ssp. <i>cordata</i> heart-leaved thorn-mint	None/None G4T3/S3 4.2	Chaparral, cismontane woodland, pinyon and juniper woodland, valley and foothill grassland. Heavy clay. 785-1,540 m. Blooms Apr-Jul.
<i>Agrostis hooveri</i> Hoover's bent grass	None/None G2/S2 1B.2	Closed-cone coniferous forest, chaparral, cismontane woodland, and valley and foothill grassland. Sandy. 6-610 m. Blooms Apr-Jul.
<i>Amsinckia douglasiana</i> Douglas' fiddleneck	None/None G4/S4 4.2	Cismontane woodland, valley and foothill grassland. Dry. 0-1,950 m. Blooms Mar-May.
<i>Androsace elongata</i> ssp. <i>acuta</i> California androsace	None/None G5?T3T4/S3S4 4.2	Chaparral, cismontane woodland, coastal scrub, meadows and seeps, pinyon and juniper woodland, valley and foothill grassland. Sandy, alkaline. 150-1,305 m. Blooms Mar-Jun.
<i>Antirrhinum ovatum</i> oval-leaved snapdragon	None/None G3/S3 4.2	Chaparral, cismontane woodland, pinyon and juniper woodland, valley and foothill grassland. Alkaline. 200-1,000 m. Blooms May-Nov.
<i>Arctostaphylos hooveri</i> Hoover's manzanita	None/None G3/S3 4.3	Broad-leafed upland forest, chaparral, cismontane woodland, lower montane coniferous forest. Rocky. 480-1,035 m. Blooms Feb-Jun.
<i>Arctostaphylos luciana</i> Santa Lucia manzanita	None/None G2/S2 1B.2	Chaparral and cismontane woodland. Shale. 100-800 m. Blooms Dec-Mar.
<i>Arctostaphylos obispoensis</i> Bishop manzanita	None/None G3/S3 4.3	Chaparral, cismontane woodland, closed-cone coniferous forest. Rocky, serpentine. 150-1,005 m. Blooms Feb-Jun.
<i>Arctostaphylos pilosula</i> Santa Margarita manzanita	None/None G2?/S2? 1B.2	Broad-leafed upland forest, chaparral, cismontane woodland, closed-cone coniferous forest. Sandstone. 75-1,100 m. Blooms Dec-May.
<i>Aristocapsa insignis</i> Indian Valley spineflower	None/None G1/S1 1B.2	Cismontane woodland. Sandy. 300-600 m. Blooms May-Sep.
<i>Astragalus didymocarpus</i> var. <i>milesianus</i> Miles' milk-vetch	None/None G5T2/S2 1B.2	Coastal scrub. Clay. 20-90 m. Blooms Mar-Jun.

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<i>Astragalus macrodon</i> Salinas milk-vetch	None/None G4/S4 4.3	Chaparral, cismontane woodland, valley and foothill grassland. Sandstone, serpentinite, shale. 250-950 m. Blooms Apr-Jul.
<i>Atriplex coronata</i> var. <i>coronata</i> Crownscale	None/None G4T3/S3 4.2	Chenopod scrub, valley and foothill grassland, vernal pools. Alkaline, clay. 1-590 m. Blooms Mar-Oct.
<i>Atriplex coronata</i> var. <i>vallicola</i> Lost Hills crownscale	None/None G4T3/S3 1B.2	Chenopod scrub, valley and foothill grassland, vernal pools. Alkaline. 50-635 m. Blooms Apr-Sep.
<i>Azolla microphylla</i> Mexican mosquito fern	None/None G5/S4 4.2	Marshes and swamps, ponds, and still water. 30-100m. Blooms Aug.
<i>Calandrinia breweri</i> Brewer's calandrinia	None/None G4/S4 4.2	Chaparral, coastal scrub. Loam, sandy. 10-1,220 m. Blooms Mar-Jun.
<i>Calochortus clavatus</i> var. <i>clavatus</i> club-haired mariposa lily	None/None G4T3/S3 4.3	Chaparral, cismontane woodland, coastal scrub, valley and foothill grassland. Clay, rocky, serpentinite. 30-1,300 m. Blooms May-Jun.
<i>Calochortus obispoensis</i> San Luis mariposa-lily	None/None G2/S2 1B.2	Chaparral, cismontane woodland, coastal scrub, valley and foothill grassland. Serpentine. 50-730 m. Blooms May-Jul.
<i>Calochortus palmeri</i> var. <i>palmeri</i> Palmer's mariposa-lily	None/None G3T2/S2 1B.2	Chaparral, lower montane coniferous forest, meadows and seeps. Mesic. 710-2,390 m. Blooms Apr-Jul.
<i>Calochortus simulans</i> La Panza mariposa-lily	None/None G2/S2 1B.3	Chaparral, cismontane woodland, lower montane coniferous forest, valley and foothill grassland. Granitic, sandy, serpentinite. 325-1,150 m. Blooms Apr-Jun.
<i>Calycadenia villosa</i> dwarf calycadenia	None/None G3/S3 1B.1	Chaparral, cismontane woodland, meadows and seeps, valley and foothill grassland. Rocky. 240-1,350 m. Blooms May-Oct.
<i>Calystegia collina</i> ssp. <i>venusta</i> South Coast Range morning-glory	None/None G4T4/S4 4.3	Chaparral, cismontane woodland, valley and foothill grassland. Serpentine. 270-1,490 m. Blooms Apr-Jun.
<i>Camissoniopsis hardhamiae</i> Hardham's evening-primrose	None/None G2/S2 1B.2	Chaparral, cismontane woodland. Carbonate, sandy. 140-945 m. Blooms Mar-May.
<i>Carex obispoensis</i> San Luis Obispo sedge	None/None G3?/S3? 1B.2	Chaparral, closed-cone coniferous forest, coastal prairie, coastal scrub, valley and foothill grassland. Sandy, clay, serpentine, gabbroic. 10-820 m. Blooms Apr-Jun.
<i>Castilleja densiflora</i> var. <i>obispoensis</i> San Luis Obispo owl's-clover	None/None G5T2/S2 1B.2	Meadows and seeps, valley and foothill grassland. Serpentine. 10-430 m. Blooms Mar-May.

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<i>Caulanthus californicus</i> California jewelflower	FE/SE G1/S1 1B.1	Chenopod scrub, pinyon and juniper woodland, valley and foothill grassland. Sandy. 61-1,000 m. Blooms Feb-May.
<i>Caulanthus lemmonii</i> Lemmon's jewelflower	None/None G3/S3 1B.2	Pinyon and juniper woodland, valley and foothill grassland. Rocky, serpentinite. 80-1,580 m. Blooms Feb-May.
<i>Ceanothus cuneatus</i> var. <i>fascicularis</i> Lompoc ceanothus	None/None G5T4/S4 4.2	Chaparral. Sandy. 5-400 m. Blooms Feb-Apr.
<i>Chlorogalum pomeridianum</i> var. <i>minus</i> dwarf soaproot	None/None G5T3/S3 1B.2	Chaparral. Serpentine. 305-1,000 m. Blooms May-Aug.
<i>Chlorogalum purpureum</i> var. <i>purpureum</i> Santa Lucia purple amole	FT/None G2T2/S2 1B.1	Chaparral, cismontane woodland, valley and foothill grassland. Clay, gravel. 205-385 m. Blooms Apr-Jun.
<i>Chlorogalum purpureum</i> var. <i>reductum</i> Camatta Canyon amole	FT/SR G2T1/S1 1B.1	Cismontane woodland, valley and foothill grassland. Sandy, loam. 305-630 m. Blooms Apr-May.
<i>Chorizanthe biloba</i> var. <i>immemora</i> Hernandez spineflower	None/None G3T1T2/S1S2 1B.2	Chaparral, cismontane woodland. Clay, gravelly, serpentinite. 425-1,115 m. Blooms May-Aug.
<i>Chorizanthe breweri</i> Brewer's spineflower	None/None G3/S3 1B.3	Chaparral, cismontane woodland, closed-cone coniferous forest, coastal scrub. Gravelly, rocky, serpentinite. 45-800 m. Blooms Apr-Aug.
<i>Chorizanthe douglasii</i> Douglas' spineflower	None/None G4/S4 4.3	Chaparral, cismontane woodland, coastal scrub, lower montane coniferous forest, valley and foothill grassland. Gravelly, sandy. 55-1,600 m. Blooms Apr-Jul.
<i>Chorizanthe palmeri</i> Palmer's spineflower	None/None G4/S4 4.2	Chaparral, cismontane woodland, valley and foothill grassland. Dry, rocky, serpentinite. 55-945 m. Blooms Apr-Aug.
<i>Chorizanthe rectispina</i> straight-awned spineflower	None/None G2/S2 1B.3	Chaparral, cismontane woodland, coastal scrub. Granite. 85-1,035 m. Blooms Apr-Jul.
<i>Chorizanthe ventricosa</i> potbellied spineflower	None/None G3/S3 4.3	Cismontane woodland, valley and foothill grassland. Serpentine. 65-1,235 m. Blooms May-Sep.
<i>Cirsium fontinale</i> var. <i>obispoense</i> Chorro Creek bog thistle	FE/SE G2T2/S2 1B.2	Chaparral, cismontane woodland, coastal scrub, valley and foothill grassland. Serpentine. 35-385 m. Blooms Feb-Jul.
<i>Cirsium occidentale</i> var. <i>lucianum</i> Cuesta Ridge thistle	None/None G3G4T2/S2 1B.2	Chaparral. Serpentine, rocky. 500-750 m. Blooms Apr-Jun.

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<i>Clarkia exilis</i> slender clarkia	None/None G3/S3 4.3	Cismontane woodland. Sandy, gravelly. 120-1,000 m. Blooms Apr-May.
<i>Convolvulus simulans</i> small-flowered morning-glory	None/None G4/S4 4.2	Chaparral, coastal scrub, valley and foothill grassland. Clay, serpentine. 30-740 m. Blooms Mar-Jul.
<i>Deinandra halliana</i> Hall's tarplant	None/None G3/S3 1B.1	Chenopod scrub, cismontane woodland, valley and foothill grassland. Clay, sandy, alkaline. 260-950 m. Blooms Apr-May.
<i>Deinandra paniculata</i> paniculate tarplant	None/None G4/S4 4.2	Coastal scrub, valley and foothill grassland, vernal pools. Mesic. 25-940 m. Blooms Apr-Nov.
<i>Delphinium gypsophilum</i> ssp. <i>parviflorum</i> small-flowered gypsum-loving larkspur	None/None G4T2T3Q/S2S3 3.2	Cismontane woodland, valley and foothill grassland. Clay. 190-350 m. Blooms Apr-Jun.
<i>Delphinium parryi</i> ssp. <i>eastwoodiae</i> Eastwood's larkspur	None/None G4T2/S2 1B.2	Chaparral and valley and foothill grassland. Serpentine. 75-500 m. Blooms Feb-Mar.
<i>Delphinium umbraculorum</i> umbrella larkspur	None/None G3/S3 1B.3	Chaparral, cismontane woodland. Mesic. 400-1,600 m. Blooms Apr-Jun.
<i>Dudleya abramsii</i> ssp. <i>murina</i> mouse-gray dudleya	None/None G4T2/S2 1B.3	Chaparral, cismontane woodland, valley and foothill grassland. Serpentine. 90-525 m. Blooms May-Jun.
<i>Eleocharis parvula</i> small spikerush	None/None G5/S3 4.3	Marshes and swamps. Mud flats. 1-3,020 m. Blooms Jun-Aug.
<i>Entosthodon kochii</i> Koch's cord moss	None/None G1/S1 1B.3	Cismontane woodland. Sandy, clay, loam. 180-1,000 m.
<i>Eremalche parryi</i> ssp. <i>kernensis</i> Kern mallow	FE/None G3G4T3/S3 1B.2	Chenopod scrub, pinyon and juniper woodland, valley and foothill grassland. Dry, sandy, clay. 70-1,290 m. Blooms Mar-May.
<i>Eriastrum luteum</i> yellow-flowered eriastrum	None/None G2/S2 1B.2	Broad-leafed upland forest, chaparral, cismontane woodland. Sandy, granite. 290-1,000 m. Blooms May-Jun.
<i>Eriastrum virgatum</i> virgate eriastrum	None/None G3/S3 4.3	Chaparral, coastal bluff scrub, coastal dunes, coastal scrub. Sandy. 45-700 m. Blooms May-Jul.
<i>Eriogonum elegans</i> elegant wild buckwheat	None/None G4G5/S4S5 4.3	Cismontane woodland, valley and foothill grassland. Sandy, gravelly. 200-1,525 m. Blooms May-Nov.
<i>Eriogonum nudum</i> var. <i>indictum</i> protruding buckwheat	None/None G5T4/S4 4.2	Chaparral, chenopod scrub, cismontane woodland. Clay, serpentine. 150-1,463 m. Blooms May-Oct.

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<i>Eriogonum temblorense</i> Temblor buckwheat	None/None G2/S2 1B.2	Valley and foothill grassland. Clay, sandstone. 300-1,000 m. Blooms May-Sep.
<i>Eriophyllum jepsonii</i> Jepson's woolly sunflower	None/None G3/S3 4.3	Chaparral, cismontane woodland, coastal scrub. Serpentine. 200-1,025 m. Blooms Apr-Jun.
<i>Eryngium spinosepalum</i> spiny-sepaled button-celery	None/None G2/S2 1B.2	Valley and foothill grassland, vernal pools. Clay, granitic. 80-975 m. Blooms Apr-Jun.
<i>Eschscholzia hypocoides</i> San Benito poppy	None/None G4/S4 4.3	Chaparral, cismontane woodland, valley and foothill grassland. Serpentine, clay. 200-1,500 m. Blooms Mar-Jun.
<i>Eschscholzia rhombipetala</i> diamond-petaled California poppy	None/None G1/S1 1B.1	Valley and foothill grassland. Alkaline, clay. 0-975 m. Blooms Mar-Apr.
<i>Fritillaria agrestis</i> stinkbells	None/None G3/S3 4.2	Chaparral, cismontane woodland, pinyon and juniper woodland, valley and foothill grassland. Serpentine, clay. 10-1,555 m. Blooms Mar-Jun.
<i>Fritillaria ojaiensis</i> Ojai fritillary	None/None G3/S3 1B.2	Broad-leafed upland forest, chaparral, cismontane woodland, lower montane coniferous forest. Rocky, serpentine. 225-998 m. Blooms Feb-May.
<i>Galium andrewsii</i> ssp. <i>gatense</i> phlox-leaf serpentine bedstraw	None/None G5T3/S3 4.2	Chaparral, cismontane woodland, lower montane coniferous forest. Dry, rocky, serpentinite. 150-1,450 m. Blooms Apr-Jul.
<i>Gilia latiflora</i> ssp. <i>cuyamensis</i> Cuyama gilia	None/None G5?T4/S4 4.3	Pinyon and juniper woodland. Sandy. 595-2,000 m. Blooms Apr-Jun.
<i>Gilia tenuiflora</i> ssp. <i>amplifaucalis</i> trumpet-throated gilia	None/None G3G4T3/S3 4.3	Cismontane woodland, valley and foothill grassland. Sandy. 390-900 m. Blooms Mar-Apr.
<i>Hesperexax caulescens</i> hogwallow starfish	None/None G3/S3 4.2	Valley and foothill grassland, vernal pools. Clay, mesic. 0-505 m. Blooms Mar-Jun.
<i>Horkelia cuneata</i> var. <i>puberula</i> mesa horkelia	None/None G4T1/S1 1B.1	Chaparral, cismontane woodland, coastal scrub. Sandy, gravelly. 70-810 m. Blooms Feb-Sep.
<i>Horkelia cuneata</i> var. <i>sericea</i> Kellogg's horkelia	None/None G4T1?/S1? 1B.1	Chaparral, closed-cone coniferous forest, coastal dunes, coastal scrub, old dunes, coastal sandhills. Sandy, gravelly. 10-200 m. Blooms Apr-Sep.
<i>Horkelia yadonii</i> Santa Lucia horkelia	None/None G3/S3 4.2	Broad-leafed upland forest, chaparral, cismontane woodland, meadows and seeps, riparian woodland. Sandy, granitic. 300-1,900 m. Blooms Apr-Jul.

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<i>Juncus luciensis</i> Santa Lucia dwarf rush	None/None G3/S3 1B.2	Chaparral, Great Basin scrub, lower montane coniferous forest, meadows and seeps, stream sides, vernal pools. Sandy. 300-2,040 m. Blooms Apr-Jul.
<i>Lasthenia ferrisiae</i> Ferris' goldfields	None/None G3/S3 4.2	Vernal pools. Alkaline, clay. 20-700 m. Blooms Feb-May.
<i>Lasthenia leptalea</i> Salinas Valley goldfields	None/None G3/S3 4.3	Cismontane woodland, valley and foothill grassland. Alluvial, sandstone, shale. 60-1,065 m. Blooms Feb-Apr.
<i>Layia heterotricha</i> pale-yellow layia	None/None G2/S2 1B.1	Cismontane woodland, coastal scrub, pinyon and juniper woodland, valley and foothill grassland. Alkaline, clay soils. 300-1,705 m. Blooms Mar-Jun.
<i>Layia munzii</i> Munz's tidy-tips	None/None G2/S2 1B.2	Chenopod scrub, valley and foothill grassland. Alkaline, clay. 150-700 m. Blooms Mar-Apr.
<i>Lepidium jaredii</i> ssp. <i>jaredii</i> Jared's pepper-grass	None/None G2G3T1T2/S1S2 1B.2	Valley and foothill grassland, alkali flats and sinks. Sandy, alkaline, adobe. 335-1,005 m. Blooms Mar-May.
<i>Leptosiphon latisectus</i> broad-lobed leptosiphon	None/None G4/S4 4.3	Broad-leafed upland forest, cismontane woodland. Gravelly. 170-1,500 m. Blooms Apr-Jun.
<i>Lessingia tenuis</i> spring lessingia	None/None G4/S4 4.3	Chaparral, cismontane woodland, lower montane coniferous forest. Serpentine. 300-2150 m. Blooms May-Jul.
<i>Lomatium parvifolium</i> small-leaved lomatium	None/None G3/S3 4.2	Chaparral, closed-cone coniferous forest, coastal scrub, riparian woodland. Serpentine. 20-700 m. Blooms Jan-Jun.
<i>Madia radiata</i> showy golden madia	None/None G3/S3 1B.1	Cismontane woodland, valley and foothill grassland. Adobe, clay. 25-1,215 m. Blooms Mar-May.
<i>Malacothamnus davidsonii</i> Davidson's bush-mallow	None/None G2/S2 1B.2	Chaparral, cismontane woodland, coastal scrub, riparian woodland. Sandy. 185-1,140 m. Blooms Jun-Jan.
<i>Malacothamnus gracilis</i> slender bush-mallow	None/None G1Q/S1 1B.1	Chaparral. Dry, rocky. 190-575 m. Blooms May-Oct.
<i>Malacothamnus jonesii</i> Jones' bush-mallow	None/None G4/S4 4.3	Chaparral, cismontane woodland. Sandy. 160-1,075 m. Blooms Apr-Oct.
<i>Malacothamnus palmeri</i> var. <i>palmeri</i> Santa Lucia bush-mallow	None/None G3T2Q/S2 1B.2	Chaparral. Dry, rocky. 60-360 m. Blooms May-Jul.

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<i>Malacothrix saxatilis</i> var. <i>arachnoidea</i> Carmel Valley malacothrix	None/None G5T2/S2 1B.2	Chaparral, coastal scrub. Rocky. 25-1,036 m. Blooms Jun-Dec.
<i>Micropus amphibolus</i> Mt. Diablo cottonweed	None/None G3G4/S3S4 3.2	Broad-leaved upland forest, chaparral, cismontane woodland, valley and foothill grassland. Rocky. 45-825 m. Blooms Mar-May.
<i>Mielichhoferia elongata</i> elongate copper moss	None/None G5/S3S4 4.3	Broad-leaved upland forest, chaparral, cismontane woodland, coastal scrub, lower montane coniferous forest, meadows and seeps, subalpine coniferous forest. Acidic, metamorphic. 0-1,960 m.
<i>Monardella palmeri</i> Palmer's monardella	None/None G2/S2 1B.2	Chaparral, cismontane woodland, Sargent cypress forests. Serpentine. 200-800 m. Blooms Jun-Aug.
<i>Monolopia gracilens</i> woodland woollythreads	None/None G3/S3 1B.2	Broad-leaved upland forest, chaparral, cismontane woodland, north coast coniferous forest, valley and foothill grassland. Sandy, rocky, serpentine. 100-1,200 m. Blooms Mar- Jul.
<i>Mucronea californica</i> California spineflower	None/None G3/S3 4.2	Chaparral, cismontane woodland, coastal dunes, coastal scrub, valley and foothill grassland. Sandy. 0-1,400 m. Blooms Mar-Jul.
<i>Navarretia fossalis</i> spreading navarretia	FT/None G2/S2 1B.1	Chenopod scrub, marshes and swamps, playas, vernal pools. Hardpan, clay. 30-655 m. Blooms Apr-Jun.
<i>Navarretia nigelliformis</i> ssp. <i>radians</i> shining navarretia	None/None G4T2/S2 1B.2	Cismontane woodland, valley and foothill grassland, vernal pools. Clay. 65-1,000 m. Blooms Apr-Jul.
<i>Navarretia prostrata</i> prostrate vernal pool navarretia	None/None G2/S2 1B.2	Coastal scrub, meadows and seeps, valley and foothill grassland, vernal pools. Alkaline, mesic. 3-1,210 m. Blooms Apr-Jul.
<i>Plagiobothrys uncinatus</i> hooked popcornflower	None/None G2/S2 1B.2	Chaparral, cismontane woodland, valley and foothill grassland. Sandstone. 300-760 m. Blooms Apr-May.
<i>Puccinellia simplex</i> California alkali grass	None/None G3/S2 1B.2	Chenopod scrub, meadows and seeps, valley and foothill grassland, vernal pools, sinks, flats, and lake margins. Alkaline, mesic. 2-930 m. Blooms Mar-May.
<i>Senecio aphanactis</i> chaparral ragwort	None/None G3/S2 2B.2	Chaparral, cismontane woodland, coastal scrub. Dry, alkaline. 15-800 m. Blooms Jan-Apr.
<i>Senecio astephanus</i> San Gabriel ragwort	None/None G3/S3 4.3	Chaparral, coastal bluff scrub. Rocky. 400- 1,500 m. Blooms May-Jul.

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<i>Sidalcea hickmanii</i> ssp. <i>anomala</i> Cuesta Pass checkerbloom	None/SR G3T1/S1 1B.2	Chaparral, closed-cone coniferous forest, Sargent cypress forest. Rocky, serpentine. 600-800 m. Blooms May-Jun.
<i>Sidalcea hickmanii</i> ssp. <i>parishii</i> Parish's checkerbloom	None/SR G3T1/S1 1B.2	Chaparral, cismontane woodland, lower montane coniferous forest. Dry, rocky. 1,000-2,499 m. Blooms Jun-Aug.
<i>Stebbinsoseris decipiens</i> Santa Cruz microseris	None/None G2/S2 1B.2	Broad-leafed upland forest, chaparral, closed-cone coniferous forest, coastal prairie, coastal scrub, valley and foothill grassland. Sandstone, shale, serpentine. 10-500 m. Blooms Apr-May.
<i>Streptanthus albidus</i> ssp. <i>peramoenus</i> most beautiful jewelflower	None/None G2T2/S2 1B.2	Chaparral, cismontane woodland, valley and foothill grassland. Serpentine. 95-1,000 m. Blooms Apr-Sep.
<i>Stylocline masonii</i> Mason's neststraw	None/None G1/S1 1B.1	Chenopod scrub, pinyon and juniper woodland. Sandy. 100-1,200 m. Blooms Mar-May.
Invertebrates		
<i>Branchinecta lynchi</i> vernal pool fairy shrimp	FT/None G3/S3 None	Endemic to the grasslands of the Central Valley, Central Coast mountains, and South Coast mountains, in astatic rain-filled pools. Inhabit small, clear-water sandstone-depression pools and grassed swale, earth slump, or basalt-flow depression pools.
Fish		
<i>Lavinia exilicauda harengus</i> Monterey hitch	None/None G4T2T4/S3 SSC	Occurs in a variety of freshwater habitats and are most abundant in lowland areas with large pools or in small reservoirs that mimic such conditions. Bottom substrates consist mostly of a mixture of sand and gravel and the presence of cover.
Amphibians		
<i>Rana draytonii</i> California red-legged frog	FT/None G2G3/S2S3 SSC"	Lowlands and foothills in or near permanent sources of deep water with dense, shrubby or emergent riparian vegetation. Requires 11-20 weeks of permanent water for larval development. Must have access to estivation habitat.
<i>Spea hammondi</i> western spadefoot	None/None G2G3/S3 SSC	Occurs primarily in grassland habitats, but can be found in valley-foothill hardwood woodlands. Vernal pools are essential for breeding and egg-laying.
Reptiles		
<i>Anniella pulchra</i> Northern California legless lizard	None/None G3/S3 SSC	Sandy or loose loamy soils under sparse vegetation. Soil moisture is essential. They prefer soils with a high moisture content.

Scientific Name Common Name	Status	Habitat Requirements
	Federal/State Global Rank/State Rank CDFW or CRPR	
<i>Arizona elegans occidentalis</i> California glossy snake	None/None G5T2/S2 SSC	Patchily distributed from the eastern portion of San Francisco Bay, southern San Joaquin Valley, and the Coast, Transverse, and Peninsular ranges, south to Baja California. Generalist reported from a range of scrub and grassland habitats, often with loose or sandy soils.
<i>Emys marmorata</i> western pond turtle	None/None G3G4/S3 SSC	A thoroughly aquatic turtle of ponds, marshes, rivers, streams and irrigation ditches, usually with aquatic vegetation, below 6,000 feet above mean sea level (ft) elevation. Needs basking sites and suitable (sandy banks or grassy open fields) upland habitat up to 0.5 kilometer (km) from water for egg-laying.
<i>Gambelia sila</i> blunt-nosed leopard lizard	FE/SE G1/S1 FP	Resident of sparsely vegetated alkali and desert scrub habitats, in areas of low topographic relief. Seeks cover in mammal burrows, under shrubs or structures such as fence posts; they do not excavate their own burrows.
<i>Masticophis flagellum ruddocki</i> San Joaquin coachwhip	None/None G5T2T3/S2? SSC	Open, dry habitats with little or no tree cover. Found in valley grassland and saltbush scrub in the San Joaquin Valley. Needs mammal burrows for refuge and oviposition sites.
<i>Phrynosoma blainvillii</i> coast horned lizard	None/None G3G4/S3S4 SSC	Frequents a wide variety of habitats, most common in lowlands along sandy washes with scattered low bushes. Open areas for sunning, bushes for cover, patches of loose soil for burial, and abundant supply of ants and other insects.
Birds		
<i>Agelaius tricolor</i> tricolored blackbird	None/ST G1G2/S1S2 SSC	Highly colonial species, most numerous in Central Valley and vicinity. Largely endemic to California. Requires open water, protected nesting substrate, and foraging area with insect prey within a few km of the colony.
<i>Buteo swainsoni</i> Swainson's hawk	None/ST G5/S3 None	Breeds in grasslands with scattered trees, juniper-sage flats, riparian areas, savannahs, and agricultural or ranch lands with groves or lines of trees. Requires adjacent suitable foraging areas such as grasslands, or alfalfa or grain fields supporting rodent populations.
<i>Coturnicops noveboracensis</i> yellow rail	None/None G4/S1S2 SSC	Summer resident in eastern Sierra Nevada in Mono County. Freshwater marshlands.
<i>Falco mexicanus</i> prairie falcon	None/None G5/S4 WL	Inhabits dry, open terrain, either level or hilly. Breeding sites located on cliffs. Forages far afield, even to marshlands and ocean shores.

Scientific Name Common Name	Status		Habitat Requirements
	Federal/State Global Rank/State Rank CDFW or CRPR		
<i>Haliaeetus leucocephalus</i> bald eagle	FD/SE G5/S3 FP		Ocean shore, lake margins, and rivers for both nesting and wintering. Most nests within 1 mile of water. Nests in large, old-growth, or dominant live tree with open branches, especially ponderosa pine. Roosts communally in winter.
<i>Riparia riparia</i> bank swallow	None/ST G5/S2 None		Colonial nester; nests primarily in riparian and other lowland habitats west of the desert. Requires vertical banks/cliffs with fine-textured/sandy soils near streams, rivers, lakes, ocean to dig nesting hole.
<i>Vireo bellii pusillus</i> least Bell's vireo	FE/SE G5T2/S2 None		Summer resident of Southern California in low riparian in vicinity of water or in dry river bottoms; below 2,000 ft. Nests placed along margins of bushes or on twigs projecting into pathways, usually willow, Baccharis, mesquite.
Mammals			
<i>Ammospermophilus nelsoni</i> Nelson's antelope squirrel	None/ST G2G3/S2S3 None		Occurs in Western San Joaquin Valley from 200-1,200 ft elevation. Uses dry, sparsely vegetated areas with a variety of soils suitable for digging. Digs burrows or uses kangaroo rat or other small mammal burrows. Needs widely scattered shrubs, forbs, and grasses in broken terrain, often with gullies and washes.
<i>Antrozous pallidus</i> pallid bat	None/None G4/S3 SSC		Found in a variety of habitats including deserts, grasslands, shrublands, woodlands, and forests. Most common in open, dry habitats with rocky areas for roosting. Roosts in crevices of rock outcrops, caves, mine tunnels, buildings, bridges, and hollows of live and dead trees which must protect bats from high temperatures. Very sensitive to disturbance of roosting sites.
<i>Corynorhinus townsendii</i> Townsend's big-eared bat	None/None G4/S2 SSC		Occurs throughout California in a wide variety of habitats. Most common in mesic sites, typically coniferous or deciduous forests. Roosts in the open, hanging from walls, ceilings in caves, lava tubes, bridges, and buildings. This species is extremely sensitive to human disturbance.
<i>Dipodomys ingens</i> giant kangaroo rat	FE/SE G1G2/S1S2 None		Found in annual grasslands on the western side of the San Joaquin Valley. Occasionally occurs in alkali scrub. Prefers areas with sparse cover, can be found in areas of cattle grazing. Requires level or slightly sloping terrain and friable soils for burrowing.

Scientific Name Common Name	Status Federal/State Global Rank/State Rank CDFW or CRPR	Habitat Requirements
<i>Onychomys torridus tularensis</i> Tulare grasshopper mouse	None/None G5T1T2/S1S2 SSC	Hot, arid valleys and scrub deserts in the southern San Joaquin Valley. Diet almost exclusively composed of arthropods; therefore, needs abundant supply of insects.
<i>Perognathus inornatus psammophilus</i> Salinas pocket mouse	None/None G2G3T2?/S1 SSC	Annual grassland and desert shrub communities in the Salinas Valley. Fine-textured, sandy, friable soils. Burrows for cover and nesting.
<i>Taxidea taxus</i> American badger	None/None G5/S3 SSC	Most abundant in drier open stages of most shrub, forest, and herbaceous habitats, with friable soils. Needs sufficient food, friable soils and open, uncultivated ground. Preys on burrowing rodents. Digs burrows.
<i>Vulpes macrotis mutica</i> San Joaquin kit fox	FE/ST G4T2/S2 None	Annual grasslands or grassy open stages with scattered shrubby vegetation. Need loose-textured sandy soils for burrowing, and suitable prey base.

FT = Federally Threatened

FC = Federal Candidate Species

FE = Federally Endangered

FS = Federally Sensitive

DL = Delisted

G-Rank/S-Rank = Global Rank and State Rank as per NatureServe and CDFW's CNDDDB RareFind5

SSC = CDFW Species of Special Concern

FP = Fully Protected

CRPR (California Rare Plant Rank):

1A=Presumed Extinct in California

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

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

3=Need more information (a Review List)

4=Plants of Limited Distribution (a Watch List)

CRPR Threat Code Extension:

.1=Seriously endangered in California (over 80% of occurrences threatened / high degree and immediacy of threat)

.2=Fairly endangered in California (20-80% occurrences threatened)

.3=Not very endangered in California (<20% of occurrences threatened)