

Summary of Special-Status Plant Species Review

Scientific Name Common name	Listing Status USFWS/CDFG/ CNPS	General Habitat Description	Potential for Impacts	Period of Identification
<i>Agrostis hooveri</i> Hoover's bent grass	--/--/1B.2	Closed-cone coniferous forest, chaparral, cismontane woodland, and valley and foothill grassland usually in sandy soils. 6 to 610 meters in elevation	None. The project site does not contain closed-cone coniferous forest, chaparral, or cismontane woodland habitats. Grasslands within the site are disturbed and regularly mown with the exception of a small strip at the northeast corner of the site.	April - July
<i>Arctostaphylos cruzensis</i> Arroyo de la Cruz manzanita	—/--/1B.2	Broadleafed upland forest, coastal bluff scrub, closed-cone coniferous forest, chaparral, coastal scrub, and valley and foothill grasslands in sandy soils. 60 to 310 meters in elevation.	None. The project site does not contain sandy soils, and no Manzanita shrubs were observed during the reconnaissance-level site visit.	December - March
<i>Arctostaphylos luciana</i> Santa Lucia manzanita	--/--/1B.2	Chaparral and cismontane woodland habitats on shale substrates. 350 to 851 meters in elevation.	None. The project site does not contain chaparral or cismontane woodland habitats.	December - March
<i>Arctostaphylos morroensis</i> Morro manzanita	FT/--/1B.1	Chaparral, cismontane woodland, coastal dunes, and coastal scrub in sandy loam soils. 5 to 206 meters in elevation.	None. The project site does not contain chaparral, cismontane woodland, or coastal dune or scrub habitats. Soils on the site are clays and/or loams.	December - March
<i>Arctostaphylos osoensis</i> Oso manzanita	--/--/1B.2	Chaparral and cismontane woodland habitats on dacite porphyry buttes. 300 to 500 meters in elevation.	None. The project site does not contain chaparral or cismontane woodland habitats. Soils on the site are clays and/or loams.	February - March
<i>Arctostaphylos pechoensis</i> Pecho manzanita	--/--/1B.2	Closed-cone coniferous forest, chaparral, and coastal scrub habitats on siliceous shale substrates. 125 to 850 meters in elevation.	None. The project site does not contain closed-cone coniferous forest, chaparral, or coastal scrub habitats. Soils on the site are clays and/or loams.	November - March

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<i>Arctostaphylos pilosula</i> Santa Margarita manzanita	--/--/1B.2	Closed-cone coniferous forest, chaparral, and cismontane woodland habitats. 170 to 1,100 meters in elevation.	None. The project site does not contain closed-cone coniferous forest, chaparral, or cismontane woodland habitats.	December - March
<i>Arctostaphylos tomentosa</i> ssp. <i>daciticola</i> Dacite manzanita	--/--/1B.1	Chaparral and cismontane woodland habitats on dacite porphyry buttes. 100 to 300 meters in elevation.	None. The project site does not contain dacite porphyry buttes..	March
<i>Arctostaphylos wellsii</i> Wells' Manzanita	--/--/1B.1	Broadleafed upland forest, closed-cone coniferous forest, and chaparral habitats in sandstone. 30 to 400 meters in elevation.	None. The project site does not contain broadleafed upland forest, closed-cone coniferous forest, or chaparral habitats. Soils on the site are clays and/or loams.	December - May
<i>Arenaria paludicola</i> Marsh sandwort	FE/CE/1B.1	Openings in freshwater or brackish marshes and swamps in sandy substrates. 3 to 170 meters in elevation.	None. The project site contains no freshwater or brackish marshes or swamps.	May - August
<i>Astragalus didymocarpus</i> var. <i>milesianus</i> Miles' milk-vetch	—/--/1B.2	Coastal scrub habitat in clay soils. 20 to 90 meters in elevation.	None. The project site contains not coastal scrub habitat.	March - June
<i>Atriplex coulteri</i> Coulter's saltbush	—/--/1B.2	Coastal bluff scrub, coastal dunes, coastal scrub, and valley and foothill grasslands in alkaline or clay soils. 3 to 460 meters in elevation.	None. The project site contains no coastal bluff scrub, coastal dunes, or coastal scrub habitats. Grasslands on the site are disturbed and regularly mown with the exception of a small strip at the northeastern corner of the site.	March - October
<i>Atriplex joaquiniana</i> San Joaquin spearscale	—/--/1B.2	Chenopod scrub, meadows and seeps, playas, and valley and foothill grassland. Restricted to alkaline soils. 1 to 835 meters in elevation.	None. The project site contains no alkaline soils.	April - October

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<i>California macrophylla</i> Round-leaved filaree	—/—/1B.1	Cismontane woodland and valley and foothill grasslands in clay soils. 15 to 1,200 meters in elevation.	None. The project site contains no cismontane woodland. Grasslands on the site are disturbed and regularly mown with the exception of a small strip at the northeastern corner of the site.	March - May
<i>Calochortus obispoensis</i> La Panza Mariposa-lily mariposa-lily	—/—/1B.2	Chaparral, coastal scrub, and valley and foothill grasslands; often in serpentinite. 75 to 730 meters in elevation.	None. The project site does not contain chaparral or coastal scrub habitats. Grasslands on the site are disturbed and regularly mown with the exception of a small strip at the northeastern corner of the site.	May - July
<i>Calochortus simulans</i> San Luis Obispo mariposa-lily	--/--/1B.3	Chaparral, cismontane woodland, lower montane coniferous forest, and valley and foothill grassland habitat. In sandy, often granitic and sometimes serpentinite soils. 395 to 1,100 meters in elevation.	None. The project site contains no sandy soils; soils on the site are loam and/or clay.	April - May
<i>Calystegia subacaulis</i> ssp. <i>episcopalis</i> Cambria morning-glory	--/--/1B.2	Chaparral, cismontane woodland, and coastal prairie habitats. 60 to 500 meters in elevation.	High. This species was observed in annual grassland habitat during reconnaissance-level surveys.	April - June
<i>Camissonia hardhamiae</i> Hardham's evening-primrose	--/--/1B.2	Chaparral and cismontane woodland habitats in sandy, decomposed carbonate soils in disturbed burned areas. 140 to 945 meters in elevation.	None. The project site contains no sandy, decomposed carbonate soils; soils on the site are loam and/or clay.	March - May
<i>Carex obispoensis</i> San Luis Obispo sedge	--/--/1B.2	Closed-cone coniferous forest, chaparral, coastal prairie, coastal scrub, and valley and foothill grasslands. Often serpentinite seeps, sometimes gabbro soils. Often in clay substrates. 10 to 790 meters in elevation.	None. The project site does not contain chaparral coastal prairie, or coastal scrub habitats. Grasslands on the site are disturbed and regularly mown with the exception of a small strip at the northeastern corner of the site.	April - June

Scientific Name Common name	Listing Status USFWS/CDFG/ CNPS	General Habitat Description	Potential for Impacts	Period of Identification
<i>Castilleja densiflora</i> ssp. <i>obispoensis</i> San Luis Obispo owl's-clover	--/--/1B.2	Meadows and seeps and valley and foothills grasslands, sometimes in serpentinite soils. 10 to 400 meters in elevation.	High. Although not observed during protocol-level surveys, this species is known to occur in grasslands around CMC (LSA 2006).	March - May
<i>Centromadia parryi</i> ssp. <i>congdonii</i> Congdon's tarplant	—/--/1B.2	Alkaline soils in valley and foothill grasslands. 1 to 230 meters in elevation.	None. Soils on the site are not alkaline.	May to October
<i>Chlorogalum pomeridianum</i> var. <i>minus</i> Dwarf soaproot	--/--/1B.2	Chaparral habitats in serpentinite soils. 305 to 1,000 meters in elevation.	None. The project site does not contain chaparral habitats.	May - August
<i>Chorizanthe breweri</i> Brewer's spineflower	--/--/1B.3	Closed-cone coniferous forest, chaparral, cismontane woodland, and coastal scrub habitats in rocky or gravelly serpentinite soils. 45 to 800 meters in elevation.	None. Soils on the site are not serpentinite.	April - August
<i>Cirsium fontinale</i> var. <i>obispoense</i> San Luis Obispo fountain thistle	FE/CE/1B.2	Chaparral, cismontane woodland, coastal scrub, and valley and foothill grasslands in serpentinite seeps and drainages. 35 to 380 meters in elevation.	None. The project site contains no serpentinite seeps or drainages.	February - July
<i>Cirsium loncholepis</i> La Grasiola thistle	FE/CT/1B.1	Cismontane woodland, coastal dunes, coastal scrub, marshes and swamps, and valley and foothill grasslands in mesic, sandy soils. 4 to 220 meters in elevation.	None. There are not mesic areas within the project site, and soils are loams and/or clays.	May - August
<i>Cirsium rhotophilum</i> Surf thistle	--/CT/1B.2	Coastal bluff scrub and coastal dune habitats. 3 to 60 meters in elevation.	None. The project site contains not coastal bluff scrub or coastal dune habitats.	April - June

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<i>Clarkia speciosa</i> ssp. <i>immaculata</i> Pismo clarkia	FE/CR/1B.1	Cismontane woodland, valley and foothill grasslands, and in the margins or in openings in chaparral. Restricted to sandy soils. 25 to 185 meters in elevation.	None. The project site does not contain broadleaved upland forest, closed-cone coniferous forest, chaparral, cismontane woodland, North Coast coniferous forest, or riparian forest and woodlands. There are no CNDDDB-recorded occurrences of this species within 5 miles of the project site (CNDDDB 2009).	May - July
<i>Cordylanthus maritimus</i> ssp. <i>maritimus</i> Salt marsh bird's-beak	FE/CE/1B.2	Coastal dunes and coastal salt marshes and swamps. 0 to 30 meters in elevation.	None. The project site does not contain coastal dunes, or coastal salt marsh or swamp habitats.	May - October
<i>Deinandra increscens</i> ssp. <i>foliosa</i> Leafy tarplant	--/--/1B.2	Valley and foothill grasslands in sandy soils. 300 to 500 meters in elevation.	None. The project site contains no sandy soils; soils on the site are loams and/or clays.	June - September
<i>Delphinium parryi</i> ssp. <i>blochmaniae</i> Dune larkspur	--/--/1B.2	Maritime chaparral and coastal dune habitats. 0 to 200 meters in elevation.	None. The project site does not contain maritime chaparral or coastal dune habitats.	April - May
<i>Dithyrea maritima</i> Beach spectaclepod	--/CT/1B.1	Coastal dunes and coastal scrub habitat in sandy soils. 3 to 50 meters in elevation.	None. The project site does not contain coastal dunes or coastal scrub habitat.	March - May
<i>Dudleya abramsii</i> ssp. <i>bettinae</i> Betty's dudleya	--/--/1B.2	Chaparral, coastal scrub, and valley and foothill grassland habitats in serpentinite, rocky soils. 20 to 180 meters in elevation.	None. The project site contains no serpentinite soils.	May - July
<i>Dudleya abramsii</i> ssp. <i>murina</i> Mouse-gray dudleya	--/--/1B.3	Chaparral, cismontane woodland, and valley and foothill grassland habitats in serpentinite soils. 90 to 440 meters in elevation.	None. The project site contains no serpentinite soils.	May - June

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<i>Dudleya blochmaniae</i> ssp. <i>blochmaniae</i> Blochman's dudleya	--/--/1B.1	Coastal bluff scrub, chaparral, coastal scrub, and valley and foothill grasslands in rocky, often clay or serpentinite soils. 5 to 450 meters in elevation.	None. There are no coastal bluff scrub, chaparral, or coastal scrub habitats within the project site. Unmown, grassland portions of the site are dominated by dense <i>Avena</i> , and there are no suitable rocky openings for this species.	April - June
<i>Eriastrum luteum</i> Yellow-flowered eriastrum	--/--/1B.2	Broadleafed upland forest, chaparral, cismontane woodland in sandy or gravelly soils. 290 to 1,000 meters in elevation.	None. The project site does not contain broadleafed upland forest, chaparral, or cismontane woodland habitats.	May - June
<i>Erigeron blochmaniae</i> Blochman's leafy daisy	--/--/1B.2	Coastal dunes and coastal scrub habitat. 3 to 45 meters in elevation.	None. The project site contains no coastal dunes or coastal scrub habitat.	June - August
<i>Eriodictyon altissimum</i> Indian knob mountainbalm	FE/CE/1B.1	Maritime chaparral, cismontane woodland, and coastal scrub habitats in sandstone. 80 to 270 meters in elevation.	None. The project site contains no maritime chaparral, cismontane woodland, or coastal scrub habitats.	March - June
<i>Eryngium aristulatum</i> var. <i>hooveri</i> Hoover's button-celery	—/--/1B.1	Vernal pools. 3 to 45 meters in elevation.	None. The project site does not contain any vernal pool habitats.	July
<i>Fritillaria ojaiensis</i> Ojai fritillary	—/--/1B.2	Broadleafed upland forest, in mesic sites, chaparral, and lower montane coniferous forest in rocky soils. 300 to 998 meters in elevation.	None. The project site does not contain broadleafed upland forest, chaparral, or lower montane coniferous forest habitats.	February - May
<i>Fritillaria viridea</i> San Benito fritillary	--/--/1B.2	Chaparral habitats in serpentinite soils. 200 to 1,525 meters in elevation.	None. The project site contains no chaparral habitat or serpentinite soils.	March - May
<i>Grindelia hirsutula</i> var. <i>maritima</i> San Francisco gumplant	—/--/1B.2	Coastal bluff scrub, coastal scrub, and valley and foothill grassland habitats in sandy or serpentinite soils. 15 to 400 meters in elevation.	None. The project site contains no sandy or serpentinite soils; soils on the site are loams and/or clays.	June - September

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<i>Horkelia cuneata</i> ssp. <i>Puberula</i> Mesa horkelia	--/--/1B.1	Chaparral, cismontane woodland, and coastal scrub in sandy or gravelly soils. 70 to 810 meters in elevation.	None. The project site does not contain chaparral, cismontane woodland, or coastal scrub habitats.	February - July
<i>Horkelia cuneata</i> ssp. <i>sericea</i> Kellogg's horkelia	--/--/1B.1	Closed-cone coniferous forest, chaparral, coastal dunes, and coastal scrub in openings of sandy or gravelly soils. 10 to 200 meters in elevation.	None. The project site contains no closed-cone coniferous forest, chaparral, coastal dunes, or coastal scrub habitats.	April - September
<i>Lasthenia glabrata</i> ssp. <i>coulteri</i> Coulter's goldfields	--/—/1B.1	Coastal saltwater marshes and swamps, playas, and vernal pools. 1 to 1,220 meters in elevation.	None. The project site does not contain coastal saltwater marshes and swamps, playas, or vernal pools.	February - June
<i>Layia heterotricha</i> Pale-yellow layia	--/--/1B.1	Cismontane woodland, coastal scrub, pinyon and juniper woodland, and valley and foothill grassland habitats in alkaline or clay soils. 300 to 1,705 meters in elevation.	None. The project site does not contain cismontane woodland, coastal scrub, or pinyon and juniper woodland habitats. Unmown, grassland portions of the site are dominated by dense <i>Avena</i> , making these areas only marginally suitable.	March - June
<i>Layia jonesii</i> Jones' layia	--/--/1B.2	Chaparral and valley and foothill grassland habitats in clay or serpentinite soils. 5 to 400 meters in elevation.	None. The project site does not contain chaparral habitats. Unmown, grassland portions of the site are dominated by dense <i>Avena</i> , making these areas only marginally suitable.	March - May
<i>Lupinus ludovicianus</i> San Luis Obispo County lupine	--/--/1B.2	Chaparral and cismontane woodland habitats in sandstone or sandy soils. 50 to 525 meters in elevation.	None. The project site contains no chaparral or cismontane woodland habitats.	April - July
<i>Malacothamnus palmeri</i> var. <i>involucratus</i> Carmel Valley bush-mallow	—/—/1B.2	Chaparral, cismontane woodland, and coastal scrub habitats. 30 to 1,100 meters in elevation.	None. The project site does not contain chaparral, cismontane woodland, or coastal scrub habitats.	May - August

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<i>Malacothamnus palmeri</i> var. <i>palmeri</i> Santa Lucia bush-mallow	--/—/1B.2	Chaparral habitats in rocky substrates. 60 to 360 meters in elevation.	None. The project site does not contain chaparral habitats.	May - July
<i>Monarda crispa</i> Crisp monardella	—/—/1B.2	Coastal dunes and coastal scrub habitats. 10 to 120 meters in elevation.	None. The project site does not contain coastal dunes or coastal scrub habitats.	April - August
<i>Monardella frutescens</i> San Luis Obispo monardella	--/--/1B.2	Coastal dunes and coastal scrub habitats in sandy soils. 10 to 200 meters in elevation.	None. The project site does not contain coastal dunes or coastal scrub habitats.	May - September
<i>Monardella palmeri</i> Palmer's monardella	--/--/1B.2	Chaparral and cismontane woodland habitats in serpentinite soils. 200 to 800 meters in elevation.	None. The project site contains no serpentinite soils.	Jun - August
<i>Navarretia nigelliformis</i> ssp. <i>radians</i> Shining navarretia	--/--/1B.2	Cismontane woodland, valley and foothill grasslands and vernal pools. 76 to 1,000 meters in elevation.	None. The project site contains no mesic sites suitable for this species.	April - July
<i>Plagiobothrys uncinatus</i> Hooked popcorn flower	--/--/1B.2	Chaparral, cismontane woodland, and valley and foothill grassland habitats. 300 to 760 meters in elevation.	Very Low. The project site does not contain chaparral or cismontane woodland. There is a small area of unmown grassland, which is dominated by <i>Avena</i> , but that may provide marginal habitat for this species.	April - May
<i>Poa diaboli</i> Diablo Canyon blue grass	--/--/1B.2	Closed-cone coniferous forest, mesic sites in chaparral, cismontane woodland, and coastal scrub habitats in shale; sometimes in burned areas. 120 to 400 meters in elevation.	None. The project site does not contain closed-cone coniferous forest, chaparral, cismontane woodland, or coastal scrub habitats.	March - April
<i>Pseudognaphalium leucocephalum</i> White rabbit-tobacco	--/--/2.2	Chaparral, cismontane woodland, coastal scrub, and riparian woodland habitats in sandy, gravelly soils. 0 to 2,100 meters in elevation.	None. The project site does not contain chaparral, cismontane woodland, coastal scrub, or riparian woodland habitats.	August - November

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<i>Sanicula maritima</i> Adobe sanicle	--/Rare/1B.1	Chaparral, coastal prairie, meadows and seeps, and valley and foothill grassland habitats in clay, serpentinite soils. 30 to 240 meters in elevation.	None. The project site contains no serpentinite soils.	February - May
<i>Scrophularia atrata</i> Black-flowered figwort	--/--/1B.2	Closed-cone coniferous forest, chaparral, coastal dunes, coastal scrub, and riparian scrub habitats. 10 to 500 meters in elevation.	None. The project site does not contain closed-cone coniferous forest, chaparral, coastal dunes, coastal scrub, or riparian scrub habitats.	March - July
<i>Senecio aphanactis</i> Chaparral ragwort	—/--/2.2	Chaparral, cismontane woodland, and coastal scrub habitats, sometimes in alkaline soils. 15 to 800 meters in elevation.	None. The project site does not contain chaparral, cismontane woodland, or coastal scrub habitats.	January to April
<i>Sidalcea hickmanii</i> ssp. <i>anomala</i> Cuesta Pass checkerbloom	--/CR/1B.2	Closed-cone coniferous forest and chaparral habitats in rocky, serpentinite soils. 600 to 800 meters in elevation.	None. The project site contains no serpentinite soils.	May - June
<i>Streptanthus albidus</i> ssp. <i>peramoenus</i> Most beautiful jewel-flower	—/--/1B.2	Chaparral, cismontane woodland, and valley and foothill grassland in serpentinite soils. 94 to 1,000 meters in elevation.	None. The project site contains no serpentinite soils.	April to September
<i>Sueda californica</i> California seablite	FE/--/1B.1	Coastal salt marshes and swamps. 0 to 15 meters in elevation.	None. The project site does not contain any coastal salt marshes and swamps.	July to October
<i>Trifolium depauperatum</i> var. <i>hydrophilum</i> Saline clover	--/--/1B.2	Vernal pools, marshes and swamps, and valley and foothill grasslands in mesic, alkaline soils. 0 to 300 meters in elevation.	None. The project site does not contain vernal pools, marshes or swamps, or mesic, alkaline soils in valley and foothill grasslands.	April - June
<i>Tropidocarpum capparideum</i> Caper-fruited tropidocarpum	—/--/2.1	Valley and foothill grasslands in alkaline hills. 1 to 455 meters in elevation.	None. The project site contains no alkaline hills.	March to April
Status Codes				

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Federal FE = Federally Endangered FT = Federally Threatened FD = Federally Delisted	State CE = State Endangered CT = State Threatened SSC = State Species of Special Concern		CNPS 1A = Presumed extinct in CA 1B.X = Rare, Threatened, or Endangered in CA or elsewhere 2.X = Rare, Threatened, or Endangered in CA but more common elsewhere 3.X = More information is needed Extensions: X.1 = seriously threatened in CA, X.2 = Fairly threatened in CA	

Summary of Special-Status Wildlife Species Review

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Invertebrates				
<i>Branchinecta lynchi</i> Vernal pool fairy shrimp	FT/—/—	Vernal pools, swales, and ephemeral freshwater habitats.	None. The project site contains no ephemeral freshwater habitats.	Consult agency
<i>Helminthoglypta walkeriana</i> Morro shouderband snail	FE/—/—	Occurs around the perimeter of Morro Bay in coastal dune scrub dominated by woody shrubs.	None. The project site is outside of the range of this species.	Consult agency
Fishes				
<i>Eucylogobius newberryi</i> Tidewater goby	FE/SSC/--	Occurs in lagoons from Tillas Slough at the mouth of the Smith River in Del Norte County, California, south to Agua Hedionda Lagoon in San Diego County.	None. The project site contains no lagoons.	Year-round
<i>Oncorhynchus mykiss irideus</i> Steelhead – South/Central California Coast ESU	FT/SSC/—	Central Coast rivers and streams from the Pajaro River, Santa Cruz County to (but not including) the Santa Maria River.	None. The project site does not contain any aquatic habitat.	Consult agency
Amphibians				
<i>Ambystoma californiense</i> California tiger salamander	FT/—/—	Annual grassland habitat and grassy understory of valley-foothill hardwood habitats. Uncommon along streamcourses in valley-foothill riparian habitats. Adults spend most of the year in subterranean refugia, especially burrows of California ground squirrels. Migrate to vernal pools and other temporary rainwater ponds to breed and lay eggs.	None. There are no ephemeral ponds on the site for breeding.	March to May (aquatic larval sampling)

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<i>Rana draytonii</i> California red-legged frog	FT/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 aestivation habitat.	Very Low. The project site is developed and contains no aquatic habitat. Although Chorro Creek is an occupied drainage that lies approximately 0.25 mile to the west, there are several roads and parking lots between the Creek and the project site.	March - April (breeding season survey)
<i>Spea hammondi</i> Western spadefoot	--/SSC/--	Largely terrestrial; enters water only to breed. Prefers open areas with sandy or gravelly soils, in a variety of habitats including mixed woodlands, grasslands, chaparral, sandy washes, lowlands, river floodplains, alluvial fans, playas, alkali flats, foothills, and mountains. Rainpools which do not contain bullfrogs, fish, or crayfish are necessary for breeding.	Very Low. There is potentially suitable grassland habitat for this species only in the very northeastern corner of the project site. No breeding habitat occurs on the site.	October - May
<i>Taricha torosa torosa</i> Coast Range newt	--/SSC/--	Along the coast and coast range mountains from Mendocino County to San Diego County. Found in wet forests, oak forests, chaparral, and rolling grasslands. Enters ponds, reservoirs, and sluggish pools in streams to breed, typically beginning in December or January with the first heavy rains.	Very Low. There is potentially suitable grassland habitat for this species only in the very northeastern corner of the project site. No breeding habitat occurs on the site.	Year-round
Reptiles				
<i>Actinemys marmorata pallida</i> Southwestern pond turtle	—/SSC/—	From the San Francisco Bay south, along the coast ranges into northern Baja California aquatic. Aquatic. Often seen basking above the water. Active from around February to November; estivates during summer droughts. Constructs nests along edge of streams of ponds.	None. There is no permanent or nearly permanent water within the project site.	February - November

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<i>Anniella pulchra nigra</i> Black legless lizard	--/SSC/--	Occurs in moist warm loose soil with plant cover. Moisture is essential. Occurs in sparsely vegetated areas of beach dunes, chaparral, pine-oak woodlands, desert scrub, sandy washes, and stream terraces with sycamores, cottonwoods, or oaks. Often can be found under surface objects such as rocks, boards, driftwood, and logs.	None. The project site does not contain beach dunes, chaparral, pine-oak woodlands, desert scrub, sandy washes, or stream terraces.	Year-round (temperature dependent)
<i>Aniella pulchra pulchra</i> Silvery legless lizard	--/SSC/--	Occurs in moist warm loose soil with plant cover. Moisture is essential. Occurs in sparsely vegetated areas of beach dunes, chaparral, pine-oak woodlands, desert scrub, sandy washes, and stream terraces with sycamores, cottonwoods, or oaks. Often can be found under surface objects such as rocks, boards, driftwood, and logs.	None. The project site does not contain beach dunes, chaparral, pine-oak woodlands, desert scrub, sandy washes, or stream terraces.	Year-round (temperature dependent)
Birds				
<i>Accipiter cooperi</i> Cooper's hawk	--/--/--	Winter resident in the Central Valley and California deserts; year-round resident at higher elevations. Nests in densely foliated conifer and deciduous hardwood trees. Commonly nests in urban areas where suitable trees available.	Moderate. The project site is suitable for foraging, and there are eucalyptus trees adjacent to the site suitable for nesting.	Year-round
<i>Accipiter striatus</i> Sharp-shinned hawk	—/SSC/—	Winter resident throughout much of the state; permanent at higher elevations. Breeds in ponderosa pine, black oak, riparian deciduous, mixed conifer, and Jeffrey pine habitats. Prefers but is not restricted to riparian habitats.	None. The project site is suitable winter habitat, but does not provide any nesting habitat for this species.	Year-round

Scientific Name Common name	Listing Status USFWS/CDFG/ WBG	General Habitat Description	Potential for Impacts	Period of Identification
<i>Agelaius tricolor</i> Tricolored blackbird	—/SSC/—	Colonial species, most numerous in central valley and vicinity. Largely endemic to California. Requires open water, protected nesting substrate, and foraging area within 4 miles of nesting area. Breeding territory approximately is 3 square meters per pair; minimum colony size is approximately 50 pairs.	None. The project site does not contain fresh emergent wetland habitat.	April to July
<i>Aquila chrysaetos</i> Golden eagle	—/SSC,CFP/—	Breeds on cliffs or in large trees or electrical towers, forages in open habitats.	None. This species may forage in the project vicinity, but there is no suitable nesting habitat within or adjacent to the site.	Year-round
<i>Ammodramus savannarum</i> Grasshopper sparrow	--/SSC/--	Winter resident of moderately open grasslands with scattered patches of bare ground.	None. This species does not breed in California, but may occupy the project site during winter months.	
<i>Asio flammeus</i> Short-eared owl	—/SSC/—	Widespread winter migrant. Breeding range includes coastal areas in Del Norte and Humboldt counties, the San Francisco Bay Delta, northeastern Modoc plateau, the east side of the Sierra from Lake Tahoe south to Inyo county, and the San Joaquin valley. Found in open, treeless areas with elevated sites for perching and dense vegetation for roosting and cover.	None. This species does not breed within the project vicinity, and there is no dense vegetation within the site for roosting and cover.	Year-round
<i>Athene cucularia</i> Burrowing owl	—/SSC/—	Open, dry annual or perennial grasslands, deserts and scrublands characterized by low-growing vegetation. Subterranean nester; dependent upon burrowing mammals (e.g., California ground squirrel).	None. The project is highly disturbed with the exception of a small unmown grassland area in the northeast. This area is bordered by large eucalyptus trees, making it unlikely that this species would be present there.	Feb. 1 to Aug. 31 and Dec. 1 to Jan. 31

Scientific Name Common name	Listing Status USFWS/CDFG/ WBWG	General Habitat Description	Potential for Impacts	Period of Identification
<i>Buteo regalis</i> Ferruginous hawk	—/SSC/—	Open grasslands, sagebrush flats, desert scrub, low foothills and fringes of pinyon-juniper habitats. Eats mostly lagomorphs (hares, rabbits, pikas), ground squirrels, and mice. Population trends may follow lagomorph's population cycles.	None. This species does not breed in California.	September to April
<i>Charadrius alexandrinus nivosus</i> Western snowy plover	FT/SSC	The Pacific Coast population nests on barren to sparsely vegetated sand beaches, dry salt flats in lagoons, dredge spoils deposited on beach or dune habitat, levees and flats at salt-evaporation ponds, and river bars. Most breeding occurs on dune-backed beaches, barrier beaches, and salt-evaporation ponds; infrequently on bluff-backed beaches. Winter habitat is primarily coastal: beaches, tidal flats, lagoon margins, and salt-evaporation ponds.	None. The project site does not contain any habitat suitable for nesting or foraging.	Year-round
<i>Circus cyaneus</i> Northern harrier	—/SSC/—	Winter resident throughout most of the state; year-round in the Central Valley and Coast Range. Forages in marshes, grasslands, and ruderal habitats; nests in extensive marshes and wet fields or grasslands.	None. The project site does not contain any suitable nesting habitat for this species.	April to September (breeding)
<i>Coccyzus americanus occidentalis</i> Western yellow-billed cuckoo	FC/CE/--	Historically nested in riparian habitat throughout lowland portions of the State. Currently, Sacramento and South Fork Kern Rivers are only rivers known to sustain breeding populations.	None. There is no riparian habitat within or adjacent to the project site.	June - September

Scientific Name Common name	Listing Status USFWS/CDFG/ WBWG	General Habitat Description	Potential for Impacts	Period of Identification
<i>Elanus leucurus</i> White-tailed kite	—/CFP/—	Rolling foothills and valley margins with scattered oaks and river bottomlands or marshes next to deciduous woodland. Open grasslands, meadows, or marshes for foraging close to isolated, dense-topped trees for nesting and perching.	Moderate. Eucalyptus trees in the eastern portion of the project site are suitable for nesting by this species.	January to August (breeding)
<i>Falco columbarius</i> Merlin	—/SSC/—	Uncommon winter migrant. Seldom found in heavily wooded areas or open deserts. Frequents open habitats at low elevations near water and tree stands. Favors coastlines, lakeshores, and wetlands. Ranges from annual grasslands to ponderosa pine and montane hardwood-conifer habitats.	None. This species does not breed in California.	September to May
<i>Falco mexicanus</i> Prairie falcon	—/SSC/—	Year-round resident throughout much of the state; winters in the Central Valley and along the coast. Occurs in open habitats such as grasslands, desert scrub, rangelands and croplands. Nests in a scrape on a sheltered ledge of a cliff overlooking a large, open area.	None. The project site does not contain sheltered ledges or cliffs suitable for nesting by this species.	Year-round
<i>Larus californicus</i> California gull	—/SSC/—	Nests in alkali and freshwater lacustrine habitats east of the Sierra Nevada and Cascades. Winter visitor to coastal and interior lowlands. Feeds on garbage, carrion, earthworms, adult insects, and larvae. Adults roost in large concentrations along shorelines, landfills, pastures, and on islands.	None. The project site is outside the breeding range of this species.	Year-round

Scientific Name Common name	Listing Status USFWS/CDFG/ WBWG	General Habitat Description	Potential for Impacts	Period of Identification
<i>Laterallus jamaicensis cortuniculus</i> California black rail	—/CT/—	A rare resident of saline, brackish, and fresh emergent wetlands in the San Francisco Bay area, Sacramento-San Joaquin Delta, and coastal southern California at Morro Bay, the Salton Sea, and lower Colorado River area.	None. The project site is outside the range of this species.	Year-round
<i>Progne subis</i> Purple martin	--/SSC/--	Species is an uncommon to rare summer resident of a variety of wooded habitats throughout the state. Large snags or trees with cavities are required for reproduction and cover. Also uses weep holes beneath overpasses.	None. The project site does not contain trees suitable for nesting by this species.	March - September
<i>Rallus longirostris obsoletus</i> California clapper rail	FE/CE/—	Locally common yearlong in coastal wetlands and brackish areas around San Francisco, Monterey, and Morro bays. Forages in higher marsh vegetation, along vegetation and mudflat interface, and along tidal creeks. Requires emergent wetlands and tidal sloughs.	None. The project site is outside the range of this species.	Year-round
Mammals				
<i>Antrozous pallidus</i> Pallid bat	—/SSC/H	Broadly distributed in California from sea level to over 6,000 feet. Roosts in caves, buildings, rock crevices, and tree hollows. Overwinters in summer habitats at lower elevations.	None. The project site does not contain any roosting habitat for this species.	April to October
<i>Corynorhinus townsendii</i> Townsend's big-eared bat	—/SSC/H	Roosts in colonies in caves, mines, tunnels, or buildings in mesic habitats. The species forages along habitat edges, gleaning insects from bushes and trees. Habitat must include appropriate roosting or hibernacula sites free from disturbance by humans.	None. The project site does not contain suitable roosting habitat for this species.	Consult agency

Scientific Name Common name	Listing Status USFWS/CDFG/ WBWG	General Habitat Description	Potential for Impacts	Period of Identification
<i>Dipodomys heermannii morroensis</i> Morro Bay kangaroo rat	FE/CE/--	Nocturnal. Requires sandy soil. Usually found in valley floors and coastal plains in southern coastal scrub, coastal sage scrub, or coastal sand plains and stabilized dunes.	None. Soils within the site are not sandy, and there is no southern coastal scrub, coastal sage scrub, or coastal sand plains habitat within the project site.	
<i>Euderma maculata</i> Spotted bat	—/SSC/High	Distribution is extremely patchy and is correlated closely with prominent rock features. Non-migratory, although there may be local migration along altitudinal gradients. Depends upon rock-faced cliff roosting habitat. Thought to roost singly during the day. Forages throughout the night, so it does not utilize night roosts.	None. There is no roosting habitat in the vicinity of the project site, although this species may use the site for foraging.	Year-round
<i>Eumops perotis californicus</i> Greater western mastiff bat	—/SSC/High	Roosts in rock crevices of vertical cliffs and less commonly in buildings. Does not migrate or hibernate.	None. There is no roosting habitat in the vicinity of the project site, although this species may use the site for foraging.	Year-round
<i>Lasiurus blossevillii</i> Western red bat	—/SSC/High	Western red bat is a solitary, foliage-roosting species. Day roosts in edge habitats adjacent to streams or open fields, in orchards, and sometimes in urban areas. Closely associated with riparian habitats; cottonwood stands are preferred roost sites. Roosts behind foliage and hidden from sight. Females do not form maternity colonies, but give birth singly in trees. Migrates south in the winter, and returns north for breeding.	None. There is no suitable roosting habitat for this species in the vicinity of the project site.	April to October

Scientific Name Common name	Listing Status USFWS/CDFG/ WBWG	General Habitat Description	Potential for Impacts	Period of Identification
<i>Lasiurus cinereus</i> Hoary bat	—/—/Medium	Hoary bat is a solitary, foliage-roosting species. Day roosts include foliage of both coniferous and deciduous trees near the ends of branches. Roosts are usually at the edge of a clearing. Hoary bat has also been observed roosting in caves, beneath rock ledges, in woodpecker holes and squirrel nests, and under driftwood. Females do not form maternity colonies, but give birth singly in trees.	None. There is no suitable roosting habitat for this species in the vicinity of the project site.	April – October
<i>Myotis ciliolabrum</i> Western small-footed myotis	—/—/Medium	Occurs throughout California except in northwest portions of the state. Found in desert, chaparral, riparian, and western coniferous forest habitats. Roosts along or in small groups in rock faces and clay banks where suitable crevices available. Also roosts in barns, boulders, concrete overpasses, caves, mines, and under exfoliating bark. Hibernates in caves and mines.	None. The project site does not contain suitable roosting habitat for this species.	Year-round
<i>Myotis evotis</i> Long-eared myotis	—/—/Medium	Occurs throughout California. Associated with coniferous forests, but also found in semiarid shrublands, sage, chaparral, and agricultural habitats. Roost singly under exfoliating tree bark, tree hollows, caves, mines, cliffs, sink-holes, and rocky outcrops on the ground; occasionally in buildings or under bridges. Presumed to hibernate.	None. The project site does not contain suitable roosting habitat for this species.	Year-round
<i>Myotis lucifigus</i> Little brown bat	—/—/Medium	Occurs throughout California except extreme south. Found in woodland and forest habitats. Roost sites include tree cavities, caves, and human-occupied structures. Hibernates in caves and abandoned mines.	None. The project site does not contain suitable roosting habitat for this species.	Year-round

Scientific Name Common name	Listing Status USFWS/CDFG/ WBWG	General Habitat Description	Potential for Impacts	Period of Identification
<i>Myotis thysanodes</i> Fringed myotis	—/—/High	Widely distributed throughout California in all habitat types. Known to migrate, but very little information available regarding migration patterns. Most abundant in xeric woodlands, such as oak and pinyon-juniper forests. Roosts in caves, buildings, underground mines, rock crevices in cliff faces, and bridges in groups ranging from 10 to 2,000. Hibernates in buildings or underground mines	None. The project site does not contain suitable roosting habitat for this species.	Year-round
<i>Myotis volans</i> Long-legged myotis	—/—/High	Found primarily in forested areas, especially blue oak-foothill pine, montane hardwood-conifer, ponderosa pine, and Sierran mixed conifer. Migrates short distances to hibernation sites. Roosts in abandoned buildings, cracks in the ground, bridges, cliff crevices, exfoliating tree bark, and hollows within snags. Females form large maternity colonies of hundreds of individuals. Hibernates in winter in caves and mines.	None. The project site does not contain suitable roosting habitat for this species.	Year-round
<i>Neotoma lepida intermedia</i> San Diego desert woodrat	—/SSC/—	Nocturnal. Ranges along coastal California from San Luis Obispo south through the Transverse and Peninsular Ranges into Baja California. Commonly inhabit Joshua tree woodlands, pinyon-juniper woodlands, mixed chaparral, sagebrush, and desert habitats.	None. The project site does not contain Joshua tree woodlands, pinyon-juniper woodlands, mixed chaparral, sagebrush, or desert habitats.	Year-round

Scientific Name Common name	Listing Status USFWS/CDFG/ WBWG	General Habitat Description	Potential for Impacts	Period of Identification
<i>Reithrodontomys raviventris</i> Salt-marsh harvest mouse	FE/CE/—	Found only in saline emergent wetlands of San Francisco Bay and its tributaries. Pickleweed saline emergent wetland is preferred habitat, although grasslands adjacent to pickleweed marsh are used in spring and summer when new grass provides suitable cover.	None. The project site is outside the range of this species.	Year-round
<i>Sorex vagrans halicoetes</i> Salt-marsh wandering shrew	—/SSC/—	Tidal salt marsh plains above cordgrass zone, moist, lower pickleweed-dominated marsh, with abundant invertebrates, tidal debris, and flood escape habitat. South San Francisco Bay.	None. The project site is outside the range of this species.	Year-round
<i>Taxidea taxus</i> American badger	--/SSC/--	Grasslands and other open habitats in friable soils.	None. The project site may be included within a badger home range. However, no large burrows were observed during the field assessment so direct impacts are not anticipated.	Year-round

Status Codes

Federal

FE = Federally Endangered
 FT = Federally Threatened
 FD = Federally Delisted

State

CE = State Endangered
 CT = State Threatened
 CFP = California Fully Protected
 SSC = State Species of Special Concern

WBWG

High (H) = These species are imperiled or are at high risk of imperilment.
 Medium (M) = A lack of meaningful information is a major obstacle in adequately assessing these species' status and should be considered a threat.

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9-Quad Query Results (San Luis Obispo)

Scientific Name/Common Name	Element Code	Federal Status	State Status	GRank	SRank	CDFG or CNPS
1 Accipiter cooperii Cooper's hawk	ABNKC12040			G5	S3	
2 Actinemys marmorata pallida southwestern pond turtle	ARAAD02032			G3G4T2T3 Q	S2	SC
3 Agelaius tricolor tricolored blackbird	ABPBXB0020			G2G3	S2	SC
4 Agrostis hooveri Hoover's bent grass	PMPOA040M0			G2	S2.2	1B.2
5 Ambystoma californiense California tiger salamander	AAAAA01180	Threatened	unknown code...	G2G3	S2S3	SC
6 Ammodramus savannarum grasshopper sparrow	ABPBXA0020			G5	S2	SC
7 Anniella pulchra nigra black legless lizard	ARACC01011			G3G4T2T3 Q	S2	SC
8 Anniella pulchra pulchra silvery legless lizard	ARACC01012			G3G4T3T4 Q	S3	SC
9 Antrozous pallidus pallid bat	AMACC10010			G5	S3	SC
10 Aquila chrysaetos golden eagle	ABNKC22010			G5	S3	
11 Arctostaphylos cruzensis Arroyo de la Cruz manzanita	PDERI040B0			G2	S2.2	1B.2
12 Arctostaphylos luciana Santa Lucia manzanita	PDERI040N0			G2	S2.2	1B.2
13 Arctostaphylos morroensis Morro manzanita	PDERI040S0	Threatened		G2	S2.2	1B.1
14 Arctostaphylos osoensis Oso manzanita	PDERI042S0			G1	S1.2	1B.2
15 Arctostaphylos pechoensis Pecho manzanita	PDERI04140			G2	S2.2	1B.2
16 Arctostaphylos pilosula Santa Margarita manzanita	PDERI04160			G2	S2.2	1B.2
17 Arctostaphylos tomentosa ssp. daciticola dacite manzanita	PDERI041HD			G4T1	S1.1	1B.1
18 Arctostaphylos wellsii Wells' manzanita	PDERI042B0			G1G2	S1S2	1B.1
19 Arenaria paludicola marsh sandwort	PDCAR040L0	Endangered	Endangered	G1	S1.1	1B.1
20 Astragalus didymocarpus var. milesianus Miles' milk-vetch	PDFAB0F2X3			G5T2	S2.2	1B.2
21 Athene cunicularia burrowing owl	ABNSB10010			G4	S2	SC

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22 <i>Atriplex coulteri</i> Coulter's saltbush	PDCHE040E0			G2	S2.2	1B.2
23 <i>Atriplex joaquiniana</i> San Joaquin spearscale	PDCHE041F3			G2	S2.1	1B.2
24 <i>Branchinecta lynchi</i> vernal pool fairy shrimp	ICBRA03030	Threatened		G3	S2S3	
25 <i>Buteo regalis</i> ferruginous hawk	ABNKC19120			G4	S3S4	
26 <i>California macrophylla</i> round-leaved filaree	PDGER01070			G3	S3.1	1B.1
27 <i>Calochortus obispoensis</i> La Panza mariposa-lily	PMLIL0D110			G2	S2.1	1B.2
28 <i>Calochortus simulans</i> San Luis Obispo mariposa-lily	PMLIL0D170			G2	S2.3	1B.3
29 <i>Calystegia subcaulis</i> ssp. <i>episcopalis</i> Cambria morning-glory	PDCON040J1			G3T1	S1.2	1B.2
30 <i>Camissonia hardhamiae</i> Hardham's evening-primrose	PDONA030N0			G1Q	S1.2	1B.2
31 <i>Carex obispoensis</i> San Luis Obispo sedge	PMCYP039J0			G2	S2.2	1B.2
32 <i>Castilleja densiflora</i> ssp. <i>obispoensis</i> San Luis Obispo owl's-clover	PDSCR0D453			G5T2	S2.2	1B.2
33 Central Dune Scrub	CTT21320CA			G2	S2.2	
34 Central Foredunes	CTT21220CA			G1	S1.2	
35 Central Maritime Chaparral	CTT37C20CA			G2	S2.2	
36 <i>Centromadia parryi</i> ssp. <i>congdonii</i> Congdon's tarplant	PDAST4R0P1			G4T3	S3.2	1B.2
37 <i>Charadrius alexandrinus nivosus</i> western snowy plover	ABNNB03031	Threatened		G4T3	S2	SC
38 <i>Chlorogalum pomeridianum</i> var. <i>minus</i> dwarf soaproot	PMLIL0G042			G5T1	S1.2	1B.2
39 <i>Chorizanthe breweri</i> Brewer's spineflower	PDPGN04050			G2	S2.2	1B.3
40 <i>Chorizanthe rectispina</i> straight-awned spineflower	PDPGN040N0			G1	S1.2	1B.3
41 <i>Cicindela hirticollis gravida</i> sandy beach tiger beetle	IICOL02101			G5T2	S1	
42 <i>Cirsium fontinale</i> var. <i>obispoense</i> San Luis Obispo fountain thistle	PDAST2E162	Endangered	Endangered	G2T1	S1.2	1B.2
43 <i>Cirsium rhothophilum</i> Surf thistle	PDAST2E2J0		Threatened	G2	S2.2	1B.2
44 <i>Cladonia firma</i> firm cup lichen	NLT0008460			G4	S1.1	
45 <i>Clarkia speciosa</i> ssp. <i>immaculata</i> Pismo clarkia	PDONA05111	Endangered	Rare	G4T1	S1.1	1B.1

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46 Coastal Brackish Marsh	CTT52200CA			G2	S2.1	
47 Coastal and Valley Freshwater Marsh	CTT52410CA			G3	S2.1	
48 <i>Coccyzus americanus occidentalis</i> western yellow-billed cuckoo	ABNRB02022	Candidate	Endangered	G5T3Q	S1	
49 <i>Coelus globosus</i> globose dune beetle	IICOL4A010			G1	S1	
50 <i>Cordylanthus maritimus</i> ssp. <i>maritimus</i> salt marsh bird's-beak	PDSCR0J0C2	Endangered	Endangered	G4?T2	S2.1	1B.2
51 <i>Corynorhinus townsendii</i> Townsend's big-eared bat	AMACC08010			G4	S2S3	SC
52 <i>Danaus plexippus</i> monarch butterfly	IILEPP2010			G5	S3	
53 <i>Deinandra increscens</i> ssp. <i>foliosa</i> leafy tarplant	PDAST4R0U4			G4G5T2	S2.2	1B.2
54 <i>Delphinium parryi</i> ssp. <i>blochmaniae</i> dune larkspur	PDRAN0B1B1			G4T2	S2.2	1B.2
55 <i>Dipodomys heermanni morroensis</i> Morro Bay kangaroo rat	AMAFD03063	Endangered	Endangered	G3G4T1	S1	
56 <i>Dithyrea maritima</i> beach spectaclepod	PDBRA10020		Threatened	G2	S2.1	1B.1
57 <i>Dudleya abramsii</i> ssp. <i>bettinae</i> Betty's dudleya	PDCRA04011			G3T1	S1.2	1B.2
58 <i>Dudleya abramsii</i> ssp. <i>murina</i> mouse-gray dudleya	PDCRA04012			G3T2	S2.3	1B.3
59 <i>Dudleya blochmaniae</i> ssp. <i>blochmaniae</i> Blochman's dudleya	PDCRA04051			G2T2	S2.1	1B.1
60 <i>Elanus leucurus</i> white-tailed kite	ABNKC06010			G5	S3	
61 <i>Eremophila alpestris actia</i> California horned lark	ABPAT02011			G5T3Q	S3	
62 <i>Eriastrum luteum</i> yellow-flowered eriastrum	PDPLM03080			G2	S2.2	1B.2
63 <i>Erigeron blochmaniae</i> Blochman's leafy daisy	PDAST3M5J0			G2	S2.2	1B.2
64 <i>Eriodictyon altissimum</i> Indian Knob mountainbalm	PDHYD04010	Endangered	Endangered	G2Q	S2.2	1B.1
65 <i>Eryngium aristulatum</i> var. <i>hooveri</i> Hoover's button-celery	PDAPI0Z043			G5T2	S2.1	1B.1
66 <i>Eucyclogobius newberryi</i> tidewater goby	AFCQN04010	Endangered		G3	S2S3	SC
67 <i>Eumops perotis californicus</i> western mastiff bat	AMACD02011			G5T4	S3?	SC
68 <i>Falco columbarius</i> merlin	ABNKD06030			G5	S3	

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69 Falco mexicanus prairie falcon	ABNKD06090			G5	S3	
70 Fritillaria viridea San Benito fritillary	PMLIL0V0L0			G3	S3.2	1B.2
71 Helminthoglypta walkeriana Morro shoulderband (=banded dune) snail	IMGASC2510	Endangered		G1	S1	
72 Horkelia cuneata ssp. puberula mesa horkelia	PDROS0W045			G4T2	S2.1	1B.1
73 Lasthenia glabrata ssp. coulteri Coulter's goldfields	PDAST5L0A1			G4T3	S2.1	1B.1
74 Laterallus jamaicensis coturniculus California black rail	ABNME03041		Threatened	G4T1	S1	
75 Layia heterotricha pale-yellow layia	PDAST5N070			G2G3	S2S3.1	1B.1
76 Layia jonesii Jones' layia	PDAST5N090			G1	S1.1	1B.2
77 Linderiella occidentalis California linderiella	ICBRA06010			G3	S2S3	
78 Lupinus ludovicianus San Luis Obispo County lupine	PDFAB2B2G0			G2	S2.2	1B.2
79 Malacothamnus palmeri var. involucratus Carmel Valley bush-mallow	PDMAL0Q0B1			G3T2Q	S2.2	1B.2
80 Malacothamnus palmeri var. palmeri Santa Lucia bush-mallow	PDMAL0Q0B5			G3T2Q	S2.2	1B.2
81 Monardella crispa crisp monardella	PDLAM18070			G2	S2.2	1B.2
82 Monardella frutescens San Luis Obispo monardella	PDLAM180X0			G2	S2.2	1B.2
83 Monardella palmeri Palmer's monardella	PDLAM180H0			G2	S2.2	1B.2
84 Navarretia nigelliformis ssp. radians shining navarretia	PDPLM0C0J2			G4T2T3	S2S3.2	1B.2
85 Neotoma lepida intermedia San Diego desert woodrat	AMAFF08041			G5T3?	S3?	SC
86 Northern Coastal Salt Marsh	CTT52110CA			G3	S3.2	
87 Northern Interior Cypress Forest	CTT83220CA			G2	S2.2	
88 Nyctinomops macrotis big free-tailed bat	AMACD04020			G5	S2	SC
89 Oncorhynchus mykiss irideus steelhead - south/central California coast ESU	AFCHA0209H	Threatened		G5T2Q	S2	SC
90 Phrynosoma coronatum (frontale population) coast (California) horned lizard	ARACF12022			G4G5	S3S4	SC
91 Plagiobothrys uncinatus hooked popcorn-flower	PDBOR0V170			G2	S2.2	1B.2

California Department of Fish and Game
 Natural Diversity Database
 Selected Elements by Scientific Name - Portrait
 California Men's Colony MHC Facility Project (MBA 1154.0005)
 9-Quad Query Results (San Luis Obispo)

Scientific Name/Common Name	Element Code	Federal Status	State Status	GRank	SRank	CDFG or CNPS
92 Plebejus icarioides moroensis Morro Bay blue butterfly	IILEPG801B			G5T1T3	S1S3	
93 Poa diaboli Diablo Canyon blue grass	PMPOA4Z390			G1	S1.2	1B.2
94 Polyphylla nubila Atascadero June beetle	IICOL68040			G1	S1	
95 Progne subis purple martin	ABPAU01010			G5	S3	SC
96 Pyrgulopsis taylori San Luis Obispo pyrg	IMGASJ0A50			G1	S1	
97 Rallus longirostris obsoletus California clapper rail	ABNME05016	Endangered	Endangered	G5T1	S1	
98 Rana draytonii California red-legged frog	AAABH01022	Threatened		G4T2T3	S2S3	SC
99 Sanicula maritima adobe sanicle	PDAP11Z0D0		Rare	G2	S2.2	1B.1
100 Scrophularia atrata black-flowered figwort	PDSCR1S010			G2	S2.2	1B.2
101 Senecio aphanactis chaparral ragwort	PDAST8H060			G3?	S1.2	2.2
102 Serpentine Bunchgrass	CTT42130CA			G2	S2.2	
103 Sidalcea hickmanii ssp. anomala Cuesta Pass checkerbloom	PDMAL110A1		Rare	G3T1	S1.2	1B.2
104 Spea hammondii western spadefoot	AAABF02020			G3	S3	SC
105 Streptanthus albidus ssp. peramoenus most beautiful jewel-flower	PDBRA2G012			G2T2	S2.2	1B.2
106 Suaeda californica California seablite	PDCHE0P020	Endangered		G1	S1.1	1B.1
107 Sulcaria isidiifera splitting yarn lichen	NLTEST0020			G1	S1.1	
108 Taricha torosa torosa Coast Range newt	AAAAF02032			G5T4	S4	SC
109 Taxidea taxus American badger	AMAJF04010			G5	S4	SC
110 Trifolium depauperatum var. hydrophilum saline clover	PDFAB400R5			G5T2?	S2.2?	1B.2
111 Tropidocarpum capparideum caper-fruited tropidocarpum	PDBRA2R010			G1	S1.1	1B.1
112 Tryonia imitator mimic tryonia (=California brackishwater snail)	IMGASJ7040			G2G3	S2S3	
113 Valley Needlegrass Grassland	CTT42110CA			G1	S3.1	

CNPS Inventory of Rare and Endangered Plants

Status: Plant Press Manager window with 66 items - Mon, Apr. 27, 2009 17:22 c

Reformat list as:

ECOLOGICAL REPORT

scientific	family	life form	blooming	communities	elevation	CNPS
<u>Agrostis hooveri</u>	Poaceae	perennial herb	Apr-Jul	<ul style="list-style-type: none"> •Closed-cone coniferous forest (CCFrS) •Chaparral (Chprl) •Cismontane woodland (CmWld) •Valley and foothill grassland (VFGrs)/usually sandy 	6 - 610 meters	List 1B.2
<u>Arctostaphylos cruzensis</u>	Ericaceae	perennial evergreen shrub	Dec-Mar	<ul style="list-style-type: none"> •Broadleaved upland forest (BUFrS) •Coastal bluff scrub (CBScr) •Closed-cone coniferous forest (CCFrS) •Chaparral (Chprl) •Coastal scrub (CoScr) •Valley and foothill grassland (VFGrs)/sandy 	60 - 310 meters	List 1B.2
<u>Arctostaphylos luciana</u>	Ericaceae	perennial evergreen shrub	Dec-Mar	<ul style="list-style-type: none"> •Chaparral (Chprl) •Cismontane woodland (CmWld)/shale 	350 - 850 meters	List 1B.2
<u>Arctostaphylos morroensis</u>	Ericaceae	perennial evergreen shrub	Dec-Mar	<ul style="list-style-type: none"> •Chaparral (Chprl) (maritime) •Cismontane woodland (CmWld) •Coastal dunes (CoDns)(pre-Flandrian) •Coastal scrub (CoScr)/sandy loam 	5 - 205 meters	List 1B.1
<u>Arctostaphylos osoensis</u>	Ericaceae	perennial evergreen shrub	Feb-Mar	<ul style="list-style-type: none"> •Chaparral (Chprl) •Cismontane woodland (CmWld)/dacite porphyry buttes 	300 - 500 meters	List 1B.2
<u>Arctostaphylos pechoensis</u>	Ericaceae	perennial evergreen shrub	Nov-Mar	<ul style="list-style-type: none"> •Closed-cone coniferous forest (CCFrS) •Chaparral (Chprl) •Coastal scrub (CoScr)/siliceous shale 	125 - 850 meters	List 1B.2
<u>Arctostaphylos pilosula</u>	Ericaceae	perennial evergreen shrub	Dec-Mar	<ul style="list-style-type: none"> •Closed-cone coniferous forest (CCFrS) •Chaparral (Chprl) •Cismontane woodland (CmWld) 	170 - 1100 meters	List 1B.2
<u>Arctostaphylos tomentosa ssp.</u>	Ericaceae	perennial evergreen shrub	Mar	<ul style="list-style-type: none"> •Chaparral (Chprl) •Cismontane woodland 	100 - 300	List 1B.1

<u>daciticola</u>				(CmWld)/dacite porphyry buttes	meters	
<u>Arctostaphylos wellsii</u>	Ericaceae	perennial evergreen shrub	Dec-May	<ul style="list-style-type: none"> •Broadleaved upland forest (BUFRs) •Closed-cone coniferous forest (CCFRs) •Chaparral (Chprl)/sandstone 	30 - 400 meters	List 1B.1
<u>Arenaria paludicola</u>	Caryophyllaceae	perennial stoloniferous herb	May-Aug	<ul style="list-style-type: none"> •Marshes and swamps (MshSw) (freshwater or brackish)/sandy, openings 	3 - 170 meters	List 1B.1
<u>Astragalus didymocarpus var. milesianus</u>	Fabaceae	annual herb	Mar-Jun	<ul style="list-style-type: none"> •Coastal scrub (CoScr)(clay) 	20 - 90 meters	List 1B.2
<u>Atriplex coulteri</u>	Chenopodiaceae	perennial herb	Mar-Oct	<ul style="list-style-type: none"> •Coastal bluff scrub (CBScr) •Coastal dunes (CoDns) •Coastal scrub (CoScr) •Valley and foothill grassland (VFGrS)/alkaline or clay 	3 - 460 meters	List 1B.2
<u>Atriplex joaquiniana</u>	Chenopodiaceae	annual herb	Apr-Oct	<ul style="list-style-type: none"> •Chenopod scrub (ChScr) •Meadows and seeps (Medws) •Playas (Plyas) •Valley and foothill grassland (VFGrS)/alkaline 	1 - 835 meters	List 1B.2
<u>California macrophylla</u>	Geraniaceae	annual herb	Mar-May	<ul style="list-style-type: none"> •Cismontane woodland (CmWld) •Valley and foothill grassland (VFGrS)/clay 	15 - 1200 meters	List 1B.1
<u>Calochortus obispoensis</u>	Liliaceae	perennial bulbiferous herb	May-Jul	<ul style="list-style-type: none"> •Chaparral (Chprl) •Coastal scrub (CoScr) •Valley and foothill grassland (VFGrS)/often serpentinite 	75 - 730 meters	List 1B.2
<u>Calochortus simulans</u>	Liliaceae	perennial bulbiferous herb	Apr-May	<ul style="list-style-type: none"> •Chaparral (Chprl) •Cismontane woodland (CmWld) •Lower montane coniferous forest (LCFRs) •Valley and foothill grassland (VFGrS)/sandy, often granitic, sometimes serpentinite 	395 - 1100 meters	List 1B.3
<u>Calycadenia villosa</u>	Asteraceae	annual herb	May-Oct	<ul style="list-style-type: none"> •Chaparral (Chprl) •Cismontane woodland (CmWld) •Meadows and seeps (Medws) •Valley and foothill grassland (VFGrS)/rocky, fine soils 	240 - 1350 meters	List 1B.1
(Mar)						

<u>Calystegia subacaulis ssp. episcopalis</u>	Convolvulaceae	perennial rhizomatous herb	Apr-Jun (Jul) Months in parentheses are uncommon.	<ul style="list-style-type: none"> •Chaparral (Chprl) •Cismontane woodland (CmWld) •Coastal prairie (CoPrr) 	60 - 500 meters	List 1B.2
<u>Camissonia hardhamiae</u>	Onagraceae	annual herb	Mar-May	<ul style="list-style-type: none"> •Chaparral (Chprl) •Cismontane woodland (CmWld)/sandy, decomposed carbonate, disturbed or burned areas 	140 - 945 meters	List 1B.2
<u>Carex obispoensis</u>	Cyperaceae	perennial rhizomatous herb	Apr-Jun	<ul style="list-style-type: none"> •Closed-cone coniferous forest (CCFr) •Chaparral (Chprl) •Coastal prairie (CoPrr) •Coastal scrub (CoScr) •Valley and foothill grassland (VFGs)/often serpentinite seeps, sometimes gabbro; often on clay soils 	10 - 790 meters	List 1B.2
<u>Castilleja densiflora ssp. obispoensis</u>	Scrophulariaceae	annual herb	Mar-May	<ul style="list-style-type: none"> •Meadows and seeps (Medws) •Valley and foothill grassland (VFGs)/sometimes serpentinite 	10 - 400 meters	List 1B.2
<u>Centromadia parryi ssp. congonii</u>	Asteraceae	annual herb	May-Oct (Nov) Months in parentheses are uncommon.	<ul style="list-style-type: none"> •Valley and foothill grassland (VFGs) (alkaline) 	1 - 230 meters	List 1B.2
<u>Chlorogalum pomeridianum var. minus</u>	Liliaceae	perennial bulbiferous herb	May-Aug	<ul style="list-style-type: none"> •Chaparral (Chprl) (serpentinite) 	305 - 1000 meters	List 1B.2
<u>Chorizanthe breweri</u>	Polygonaceae	annual herb	Apr-Aug	<ul style="list-style-type: none"> •Closed-cone coniferous forest (CCFr) •Chaparral (Chprl) •Cismontane woodland (CmWld) •Coastal scrub (CoScr)/serpentinite, rocky or gravelly 	45 - 800 meters	List 1B.3
<u>Chorizanthe rectispina</u>	Polygonaceae	annual herb	Apr-Jul	<ul style="list-style-type: none"> •Chaparral (Chprl) •Cismontane woodland (CmWld) •Coastal scrub (CoScr) 	85 - 1035 meters	List 1B.3
<u>Cirsium fontinale var. obispoense</u>	Asteraceae	perennial herb	Feb-Jul (Aug-Sep) Months in parentheses are uncommon.	<ul style="list-style-type: none"> •Chaparral (Chprl) •Cismontane woodland (CmWld) •Coastal scrub (CoScr) •Valley and foothill grassland (VFGs)/serpentinite seeps, drainages 	35 - 380 meters	List 1B.2
				<ul style="list-style-type: none"> •Cismontane woodland (CmWld) •Coastal dunes (CoDns) •Coastal scrub 		

<u>Cirsium loncholepis</u>	Asteraceae	perennial herb	May-Aug	(CoScr) •Marshes and swamps (MshSw) (brackish) •Valley and foothill grassland (VFGrs)/mesic, sandy	4 - 220 meters	List 1B.1
<u>Cirsium rhotophilum</u>	Asteraceae	perennial herb	Apr-Jun	•Coastal bluff scrub (CBScr) •Coastal dunes (CoDns)	3 - 60 meters	List 1B.2
<u>Clarkia speciosa</u> ssp. <u>immaculata</u>	Onagraceae	annual herb	May-Jul	•Chaparral (Chprl) (margins, openings) •Cismontane woodland (CmWld) •Valley and foothill grassland (VFGrs)/sandy	25 - 185 meters	List 1B.1
<u>Cordylanthus maritimus</u> ssp. <u>maritimus</u>	Scrophulariaceae	annual herb hemiparasitic	May-Oct	•Coastal dunes (CoDns) •Marshes and swamps (MshSw) (coastal salt)	0 - 30 meters	List 1B.2
<u>Deinandra increscens</u> ssp. <u>foliosa</u>	Asteraceae	annual herb	Jun-Sep	•Valley and foothill grassland (VFGrs)/sandy	300 - 500 meters	List 1B.2
<u>Delphinium parryi</u> ssp. <u>blochmaniae</u>	Ranunculaceae	perennial herb	Apr-May	•Chaparral (Chprl) (maritime) •Coastal dunes (CoDns)	0 - 200 meters	List 1B.2
<u>Dithyrea maritima</u>	Brassicaceae	perennial rhizomatous herb	Mar-May	•Coastal dunes (CoDns) •Coastal scrub (CoScr)(sandy)	3 - 50 meters	List 1B.1
<u>Dudleya abramsii</u> ssp. <u>bettinae</u>	Crassulaceae	perennial herb	May-Jul	•Chaparral (Chprl) •Coastal scrub (CoScr) •Valley and foothill grassland (VFGrs)/serpentine, rocky	20 - 180 meters	List 1B.2
<u>Dudleya abramsii</u> ssp. <u>murina</u>	Crassulaceae	perennial leaf succulent	May-Jun	•Chaparral (Chprl) •Cismontane woodland (CmWld) •Valley and foothill grassland (VFGrs)/serpentine	90 - 440 meters	List 1B.3
<u>Dudleya blochmaniae</u> ssp. <u>blochmaniae</u>	Crassulaceae	perennial herb	Apr-Jun	•Coastal bluff scrub (CBScr) •Chaparral (Chprl) •Coastal scrub (CoScr) •Valley and foothill grassland (VFGrs)/rocky, often clay or serpentine	5 - 450 meters	List 1B.1
<u>Eriastrum luteum</u>	Polemoniaceae	annual herb	May-Jun	•Broadleafed upland forest (BUFrs) •Chaparral (Chprl) •Cismontane woodland (CmWld)/sandy or gravelly	290 - 1000 meters	List 1B.2
<u>Erigeron blochmaniae</u>	Asteraceae	perennial rhizomatous herb	Jun-Aug	•Coastal dunes (CoDns) •Coastal scrub	3 - 45 meters	List 1B.2

				(CoScr)		
<u>Eriodictyon altissimum</u>	Hydrophyllaceae	perennial evergreen shrub	Mar-Jun	<ul style="list-style-type: none"> •Chaparral (Chprl) (maritime) •Cismontane woodland (CmWld) •Coastal scrub (CoScr)/sandstone 	80 - 270 meters	List 1B.1
<u>Eryngium aristulatum var. hooveri</u>	Apiaceae	annual/perennial herb	Jul	<ul style="list-style-type: none"> •Vernal pools (VnPIs) 	3 - 45 meters	List 1B.1
<u>Fritillaria ojaiensis</u>	Liliaceae	perennial bulbiferous herb	Feb-May	<ul style="list-style-type: none"> •Broadleafed upland forest (BUFRs) (mesic) •Chaparral (Chprl) •Lower montane coniferous forest (LCFRs)/rocky 	300 - 998 meters	List 1B.2
<u>Fritillaria viridea</u>	Liliaceae	perennial bulbiferous herb	Mar-May	<ul style="list-style-type: none"> •Chaparral (Chprl) (serpentinite) 	200 - 1525 meters	List 1B.2
<u>Grindelia hirsutula var. maritima</u>	Asteraceae	perennial herb	Jun-Sep	<ul style="list-style-type: none"> •Coastal bluff scrub (CBScr) •Coastal scrub (CoScr) •Valley and foothill grassland (VFGrs)/sandy or serpentinite 	15 - 400 meters	List 1B.2
<u>Horkelia cuneata ssp. puberula</u>	Rosaceae	perennial herb	Feb-Jul (Sep) Months in parentheses are uncommon.	<ul style="list-style-type: none"> •Chaparral (Chprl) (maritime) •Cismontane woodland (CmWld) •Coastal scrub (CoScr)/sandy or gravelly 	70 - 810 meters	List 1B.1
<u>Horkelia cuneata ssp. sericea</u>	Rosaceae	perennial herb	Apr-Sep	<ul style="list-style-type: none"> •Closed-cone coniferous forest (CCFRs) •Chaparral (Chprl) (maritime) •Coastal dunes (CoDns) •Coastal scrub (CoScr)/sandy or gravelly, openings 	10 - 200 meters	List 1B.1
<u>Lasthenia glabrata ssp. coulteri</u>	Asteraceae	annual herb	Feb-Jun	<ul style="list-style-type: none"> •Marshes and swamps (MshSw) (coastal salt) •Playas (Plyas) •Vernal pools (VnPIs) 	1 - 1220 meters	List 1B.1
<u>Layia heterotricha</u>	Asteraceae	annual herb	Mar-Jun	<ul style="list-style-type: none"> •Cismontane woodland (CmWld) •Coastal scrub (CoScr) •Pinyon and juniper woodland (PJWld) •Valley and foothill grassland (VFGrs)/alkaline or clay 	300 - 1705 meters	List 1B.1
<u>Layia jonesii</u>	Asteraceae	annual herb	Mar-May	<ul style="list-style-type: none"> •Chaparral (Chprl) •Valley and foothill grassland (VFGrs)/clay or serpentinite 	5 - 400 meters	List 1B.2
<u>Lupinus</u>				<ul style="list-style-type: none"> •Chaparral (Chprl) •Cismontane 	50 - 525	List

<u>Ludovicianus</u>	Fabaceae	perennial herb	Apr-Jul	woodland (CmWld)/sandstone or sandy	meters	1B.2
<u>Malacothamnus palmeri</u> var. <u>involucratus</u>	Malvaceae	perennial deciduous shrub	May-Aug (Oct) Months in parentheses are uncommon.	•Chaparral (Chprl) •Cismontane woodland (CmWld) •Coastal scrub (CoScr)	30 - 1100 meters	List 1B.2
<u>Malacothamnus palmeri</u> var. <u>palmeri</u>	Malvaceae	perennial deciduous shrub	May-Jul	•Chaparral (Chprl) (rocky)	60 - 360 meters	List 1B.2
<u>Monardella crispa</u>	Lamiaceae	perennial rhizomatous herb	Apr-Aug	•Coastal dunes (CoDns) •Coastal scrub (CoScr)	10 - 120 meters	List 1B.2
<u>Monardella frutescens</u>	Lamiaceae	perennial rhizomatous herb	May-Sep	•Coastal dunes (CoDns) •Coastal scrub (CoScr)(sandy)	10 - 200 meters	List 1B.2
<u>Monardella palmeri</u>	Lamiaceae	perennial rhizomatous herb	Jun-Aug	•Chaparral (Chprl) •Cismontane woodland (CmWld)/serpentinite	200 - 800 meters	List 1B.2
<u>Navarretia nigelliformis</u> ssp. <u>radians</u>	Polemoniaceae	annual herb	Apr-Jul	•Cismontane woodland (CmWld) •Valley and foothill grassland (VFGrs) •Vernal pools (VnPIs)	76 - 1000 meters	List 1B.2
<u>Plagiobothrys uncinatus</u>	Boraginaceae	annual herb	Apr-May	•Chaparral (Chprl) (sandy) •Cismontane woodland (CmWld) •Valley and foothill grassland (VFGrs)	300 - 760 meters	List 1B.2
<u>Poa diaboli</u>	Poaceae	perennial rhizomatous herb	Mar-Apr	•Closed-cone coniferous forest (CCFr) •Chaparral (Chprl) (mesic) •Cismontane woodland (CmWld) •Coastal scrub (CoScr)/shale; sometimes burned areas	120 - 400 meters	List 1B.2
<u>Pseudognaphalium leucocephalum</u>	Asteraceae	perennial herb	(Jul)Aug-Nov (Dec) Months in parentheses are uncommon.	•Chaparral (Chprl) •Cismontane woodland (CmWld) •Coastal scrub (CoScr) •Riparian woodland (RpWld)/sandy, gravelly	0 - 2100 meters	List 2.2
<u>Sanicula maritima</u>	Apiaceae	perennial herb	Feb-May	•Chaparral (Chprl) •Coastal prairie (CoPrr) •Meadows and seeps (Medws) •Valley and foothill grassland (VFGrs)/clay, serpentinite	30 - 240 meters	List 1B.1
<u>Scrophularia atrata</u>	Scrophulariaceae	perennial herb	Mar-Jul	•Closed-cone coniferous forest (CCFr) •Chaparral (Chprl) •Coastal dunes	10 - 500	List

				(CoDns) •Coastal scrub (CoScr) •Riparian scrub (RpScr)	meters	1B.2
<u>Senecio aphanactis</u>	Asteraceae	annual herb	Jan-Apr	•Chaparral (Chprl) •Cismontane woodland (CmWld) •Coastal scrub (CoScr)/sometimes alkaline	15 - 800 meters	List 2.2
<u>Sidalcea hickmanii ssp. anomala</u>	Malvaceae	perennial herb	May- Jun	•Closed-cone coniferous forest (CCFrS) •Chaparral (Chprl)/rocky, serpentinite	600 - 800 meters	List 1B.2
<u>Streptanthus albidus ssp. peramoenus</u>	Brassicaceae	annual herb	(Mar) Apr-Sep (Oct) Months in parentheses are uncommon.	•Chaparral (Chprl) •Cismontane woodland (CmWld) •Valley and foothill grassland (VFGrs)/serpentinite	94 - 1000 meters	List 1B.2
<u>Suaeda californica</u>	Chenopodiaceae	perennial evergreen shrub	Jul-Oct	•Marshes and swamps (MshSw) (coastal salt)	0 - 15 meters	List 1B.1
<u>Trifolium depauperatum var. hydrophilum</u>	Fabaceae	annual herb	Apr-Jun	•Marshes and swamps (MshSw) •Valley and foothill grassland (VFGrs) (mesic, alkaline) •Vernal pools (VnPIs)	0 - 300 meters	List 1B.2
<u>Tropidocarpum capparideum</u>	Brassicaceae	annual herb	Mar-Apr	•Valley and foothill grassland (VFGrs) (alkaline hills)	1 - 455 meters	List 1B.1



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Ventura Fish and Wildlife Office
2493 Portola Road, Suite B
Ventura, California 93003



Federally Listed Threatened & Endangered Species Which May Occur In San Luis Obispo County, CA

Amphibian

Arroyo Toad	<i>Bufo microscaphus californicus</i>	E , CH
California Red-Legged Frog	<i>Rana aurora draytonii</i>	T , CH
California Tiger Salamander	<i>Ambystoma californiense</i>	T , CH

Bird

Brown Pelican	<i>Pelicanus occidentalis</i>	E
California Clapper Rail	<i>Rallus longirostris obsoletus</i>	E
California Condor	<i>Gymnogyps californianus</i>	E , CH
California Least Tern	<i>Sterna antillarum browni</i>	E
Least Bell's Vireo	<i>Vireo bellii pusillus</i>	E , CH
Western Snowy Plover	<i>Charadrius alexandrinus nivosus</i>	T , CH
Yellow-Billed Cuckoo	<i>Coccyzus americanus</i>	C

Fish

Southern California Steelhead	<i>Oncorhynchus mykiss</i>	E
Tidewater Goby	<i>Eucyclogobius newberryi</i>	E , CH

Invertebrate

El Segundo Blue Butterfly	<i>Euhpilotes battoides allyni</i>	E
Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>	T
Longhorn Fairy Shrimp	<i>Branchinecta longiantenna</i>	E , CH
Morro Shoulderband Snail	<i>Helminthoglypta walkeriana</i>	E , CH
Smith's Blue Butterfly	<i>Euphilotes enoptes smithi</i>	E
Vernal Pool Fairy Shrimp	<i>Branchinecta lynchi</i>	T , CH

Mammal

Giant Kangaroo Rat	<i>Dipodomys ingens</i>	E
Morro Bay Kangaroo Rat	<i>Dipodomys heermanni morroensis</i>	E , CH
San Joaquin Kit Fox	<i>Vulpes macrotis mutica</i>	E
Southern Sea Otter	<i>Enhydra lutris nereis</i>	T

Plant

California Jewelflower	<i>Caulanthus californicus</i>	E
California Seablite	<i>Suaeda californica</i>	E
Camatta Canyon Amole	<i>Chlorogalum purpureum</i> var. <i>reductum</i>	T , CH
Chorro Creek Bog Thistle	<i>Cirsium fontinale</i> var. <i>obispoense</i>	E
Gambel's Watercress	<i>Rorippa gambellii</i>	E
Indian Knob Mountainbalm	<i>Eriodictyon altissimum</i>	E
La Graciosa Thistle	<i>Cirsium loncholepis</i>	E , CH
Marsh Sandwort	<i>Arenaria paludicola</i>	E
Monterey Spineflower	<i>Chorizanthe pungens</i> var. <i>pungens</i>	T , CH
Morro Manzanita	<i>Arctostaphylos morroensis</i>	T
Nipomo Mesa Lupine	<i>Lupinus nipomensis</i>	E
Pismo Clarkia	<i>Clarkia speciosa</i> var. <i>immaculata</i>	E
Purple Amole	<i>Chlorogalum purpureum</i> var. <i>purpureum</i>	T , CH

Salt Marsh Bird's-Beak	Cordylanthus maritimus ssp. maritimus	E
San Joaquin Woolly-Threads	Lembertia congdonii	E

Reptile

Blunt-Nosed Leopard Lizard	Gambelia silus	E
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**** DISCLAIMER NOTICE - The information provided on this page should not be considered an OFFICIAL species list. If you have a proposed project and are in need of an official species list, please mail a detailed request to the address listed at the top of the page. ****

[Ventura Fish & Wildlife Office](#)
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