



Special-status Plant Species Recorded From The Mission College Region

Aug 24, 2008

FAMILY

Scientific Name Common Name	Status	Habitat Affinities And Reported Distribution	Blooming Time Life Form	Potential For Occurrence On Site
Amaranthaceae - Amaranth Family				
<i>Atriplex depressa</i> brittlescale	Federal: none State: none CNPS: 1B.2 Other: DFG: Special Plant	Occurs in alkali sink, chenopod scrub, meadows, playas, shadscale scrub, valley and foothill grassland, vernal pools Substrate: clay, alkaline. Recorded from Alameda, Butte, Colusa, Contra Costa, Fresno, Glenn, Kern, Madera, Merced, Solano, Stanislaus, Tulare, Yolo.	May-Oct Annual Herb	None: marginally suitable habitat present. Would have been detectable during present survey.
<i>Atriplex joaquiniana</i> San Joaquin spearscale	Federal: none State: none CNPS: 1B.2 Other: DFG: Special Plant	Occurs in chenopod scrub, meadows, playas, shadscale scrub, valley and foothill grassland Substrate: alkaline. Recorded from Alameda, Colusa, Contra Costa, Glenn, Merced, Monterey, Napa, Sacramento, San Benito, San Joaquin, Santa Clara, Solano, Tulare, Yolo.	Apr-Oct Annual Herb	None: marginally suitable habitat present. Would have been detectable during present survey.
<i>Suaeda californica</i> California seablite	Federal: FE State: none CNPS: 1B.1 Other: DFG: Special Plant	Occurs in coastal salt marsh, marshes and swamps. Recorded from Alameda, San Francisco, San Luis Obispo, Santa Clara.	Jul-Oct Shrub (evergreen)	None: no suitable habitat present.
Apiaceae - Carrot Family				
<i>Eryngium aristulatum</i> var. <i>hooveri</i> Hoover's button-celery	Federal: none State: none CNPS: 1B.1 Other: DFG: Special Plant	Occurs in vernal pools Moisture: vernaly-flooded. Recorded from Alameda, San Benito, San Luis Obispo, Santa Clara.	July Annual/perennial Herb	None: no suitable habitat present.



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Asteraceae - Sunflower Family				
<i>Balsamorhiza macrolepis</i> var. <i>macrolepis</i> big-scale balsamroot	Federal: none State: none CNPS: 1B.2 Other: DFG: Special Plant	Occurs in cismontane woodland, foothill woodland, valley and foothill grassland Substrate: serpentine. Recorded from Alameda, Butte, Colusa, Lake, Mariposa, Napa, Placer, Santa Clara, Solano, Sonoma, Tehama.	Mar-Jun Perennial Herb	None: no suitable habitat present.
<i>Centromadia parryi</i> ssp. <i>congdonii</i> Congdon's tarplant	Federal: none State: none CNPS: 1B.2 Other: DFG: Special Plant	Occurs in valley and foothill grassland. Substrate: alkaline. Recorded from Alameda, Contra Costa, Monterey, San Luis Obispo, Santa Clara, Santa Cruz, Solano. Recorded from project vicinity.	May-Nov Annual Herb	Detected: suitable habitat present. Detected on site; see report for details.
<i>Cirsium fontinale</i> var. <i>campylon</i> Mt. Hamilton thistle	Federal: none State: none CNPS: 1B.2 Other: DFG: Special Plant	Occurs in chaparral, cismontane woodland, foothill woodland, valley and foothill grassland Substrate: serpentine. Recorded from Alameda, Santa Clara, Stanislaus.	Feb-Oct Perennial Herb	None: no suitable habitat present.
<i>Helianthella castanea</i> Diablo helianthella	Federal: none State: none CNPS: 1B.2 Other: DFG: Special Plant	Occurs in broadleaved upland forest, chaparral, cismontane woodland, coastal scrub, foothill woodland, northern coastal scrub, riparian woodland, valley and foothill grassland. Recorded from Alameda, Contra Costa, Marin, San Francisco, San Mateo.	Apr-Jun Perennial Herb	None: no suitable habitat present. Would have been detectable during present survey.
<i>Lasthenia conjugens</i> Contra Costa goldfields	Federal: FE State: none CNPS: 1B.1 Other: DFG: Special Plant	Occurs in cismontane woodland, playas, valley and foothill grassland, vernal pools. Moisture: moist. Recorded from Alameda, Contra Costa, Mendocino, Monterey, Napa, Santa Barbara, Santa Clara, Solano.	Mar-Jun Annual Herb	None: no suitable habitat present.



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<i>Lessingia hololeuca</i> woolly-headed lessingia	Federal: none State: none CNPS: 3 Other: DFG: Special Plant	Occurs in broadleaved upland forest, coastal scrub, lower montane coniferous forest, northern coastal scrub, valley and foothill grassland, yellow pine forest. Substrate: serpentinite, clay. Recorded from Alameda, Marin, Monterey, Napa, San Mateo, Santa Clara, Solano, Sonoma, Yolo.	Jun-Oct Annual Herb	None: no suitable habitat present. Would have been detectable during present survey.
<i>Micropus amphibolus</i> Mt. Diablo cottonweed	Federal: none State: none CNPS: 3.2 Other: DFG: Special Plant	Occurs in broadleaved upland forest, chaparral, cismontane woodland, foothill woodland, mixed evergreen forest, valley and foothill grassland. Substrate: rocky. Recorded from Alameda, Colusa, Contra Costa, Lake, Marin, Monterey, Napa, Santa Barbara, Santa Clara, Santa Cruz, Solano, Sonoma.	Mar-May Annual Herb	None: no suitable habitat present.
<i>Senecio aphanactis</i> rayless ragwort	Federal: none State: none CNPS: 2.2 Other: DFG: Special Plant	Occurs in cismontane woodland, coastal sage scrub, coastal scrub, foothill woodland, northern coastal scrub Substrate: alkaline, Habitats Note: alkaline. Recorded from Alameda, Contra Costa, Fresno, Los Angeles, Merced, Orange, Riverside, San Diego, San Luis Obispo, Santa Barbara, Santa Clara, Solano, Ventura. Santa Catalina Island, Santa Cruz Island, Santa Rosa Island. Also recorded from Baja California.	Jan-Apr Annual Herb	None: no suitable habitat present.
Boraginaceae - Borage Family				
<i>Plagiobothrys glaber</i> hairless popcorn-flower	Federal: none State: none CNPS: 1A * Other: DFG: Special Plant	Occurs in coastal salt marsh, meadows. Substrate: alkaline. Recorded from Alameda, Marin, Merced, San Benito, Santa Clara.	Mar-May Annual Herb	None: no suitable habitat present.



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Brassicaceae - Mustard Family				
<i>Streptanthus albidus</i> ssp. <i>albidus</i> Metcalf Canyon jewel-flower	Federal: FE State: none CNPS: 1B.1 Other: DFG: Special Plant	Occurs in valley and foothill grassland Substrate: serpentinite. Recorded from Santa Clara.	Apr-Jul Annual Herb	None: no suitable habitat present.
<i>Streptanthus albidus</i> ssp. <i>peramoenus</i> most beautiful jewel-flower	Federal: none State: none CNPS: 1B.2 Other: DFG: Special Plant	Occurs in chaparral, cismontane woodland, foothill woodland, valley and foothill grassland Substrate: serpentinite. Recorded from Alameda, Contra Costa, Monterey, Santa Clara.	Apr-Jun Annual Herb	None: no suitable habitat present.
<i>Tropidocarpum capparideum</i> caper-fruited tropidocarpum	Federal: none State: none CNPS: 1B.1 Other: DFG: Special Plant	Occurs in valley and foothill grassland Substrate: alkaline. Recorded from Alameda, Contra Costa, Glenn, Monterey, San Joaquin, San Luis Obispo, Santa Clara. Additional distribution: Rediscovered in 2000 on Ft. Hunter Liggett.	Mar-Apr Annual Herb	None: no suitable habitat present.
Campanulaceae - Bellflower Family				
<i>Campanula exigua</i> chaparral harebell	Federal: none State: none CNPS: 1B.2 Other: DFG: Special Plant	Occurs in chaparral Substrate: serpentine, Habitats Note: rocky. Recorded from Alameda, Contra Costa, San Benito, Santa Clara, Stanislaus.	May-Jun Annual Herb	None: no suitable habitat present.



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Crassulaceae - Stonecrop Family				
<i>Dudleya abramsii</i> ssp. <i>setchellii</i> Santa Clara Valley dudleya	Federal: FE State: none CNPS: 1B.1 Other: DFG: Special Plant	Occurs in cismontane woodland, foothill woodland, valley and foothill grassland Substrate: serpentine. Recorded from Santa Clara.	Apr-Jun Perennial Herb	None: no suitable habitat present.
Ericaceae - Heath Family				
<i>Arctostaphylos andersonii</i> Santa Cruz manzanita	Federal: none State: none CNPS: 1B.2 Other: DFG: Special Plant	Occurs in broadleaved upland forest, chaparral, mixed evergreen forest, North Coast coniferous forest, redwood forest. Recorded from San Mateo, Santa Clara, Santa Cruz.	Nov-Apr Shrub (evergreen)	None: no suitable habitat present.
Fabaceae - Legume Family				
<i>Astragalus tener</i> var. <i>tener</i> alkali milk-vetch	Federal: none State: none CNPS: 1B.2 Other: DFG: Special Plant	Occurs in alkali sink, playas, valley and foothill grassland, vernal pools. Substrate: adobe clay, alkaline. Recorded from Alameda, Contra Costa, Merced, Monterey, Napa, San Benito, San Francisco, San Joaquin, Santa Clara, Solano, Sonoma, Stanislaus, Yolo.	Mar-Jun Annual Herb	None: no suitable habitat present.
<i>Hoita strobilina</i> Loma Prieta hoita	Federal: none State: none CNPS: 1B.1 Other: DFG: Special Plant	Occurs in chaparral, cismontane woodland, mixed evergreen forest, riparian woodland. Moisture: mesic, Substrate: serpentinitic soils, Recorded from Alameda, Contra Costa, Santa Clara, Santa Cruz.	May-Oct Perennial Herb	None: no suitable habitat present.



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Geraniaceae - Geranium Family				
<i>California macrophylla</i> round-leaved filaree	Federal: none State: none CNPS: 1B.1 Other: DFG: Special Plant	Occurs in cismontane woodland, foothill woodland, valley and foothill grassland. Substrate: clay. Recorded from Alameda, Butte, Colusa, Contra Costa, Fresno, Glenn, Kern, Kings, Lake, Lassen, Los Angeles, Merced, Monterey, Napa, Riverside, San Benito, San Diego, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Solano, Sonoma, Stanislaus, Tehama, Ventura, Yolo. Santa Cruz Island. Also recorded from Baja California, Oregon, Utah.	Mar-May Annual Herb	None: no suitable habitat present.
Lamiaceae - Mint Family				
<i>Monardella antonina</i> ssp. <i>antonina</i> San Antonio Hills monardella	Federal: none State: none CNPS: 3 Other: DFG: Special Plant	Occurs in chaparral, cismontane woodland, foothill woodland. Recorded from Alameda, Contra Costa, Monterey, San Benito, Santa Clara.	Jun-Aug Perennial Herb (rhizomatous)	None: no suitable habitat present.
<i>Monardella villosa</i> ssp. <i>globosa</i> robust monardella	Federal: none State: none CNPS: 1B.2 Other: DFG: Special Plant	Occurs in broadleaved upland forest, chaparral, cismontane woodland, coastal scrub, foothill woodland, valley and foothill grassland. Recorded from Alameda, Contra Costa, Humboldt, Lake, Marin, Mendocino, Napa, San Mateo, Santa Clara, Sonoma.	Jun-Jul Perennial Herb (rhizomatous)	None: no suitable habitat present.
Liliaceae - Lily Family				
<i>Fritillaria liliacea</i> fragrant fritillary	Federal: none State: none CNPS: 1B.2 Other: DFG: Special Plant	Occurs in cismontane woodland, coastal prairie, coastal scrub, northern coastal scrub, valley and foothill grassland. Substrate: often serpentinite. Recorded from Alameda, Contra Costa, Marin, Monterey, San Benito, San Francisco, San Mateo, Santa Clara, Solano, Sonoma.	Feb-Apr Perennial Herb (bulbiferous)	None: no suitable habitat present.



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Malvaceae - Mallow Family				
<i>Malacothamnus arcuatus</i> arcuate bush mallow	Federal: none State: none CNPS: 1B.2 Other: DFG: Special Plant	Occurs in chaparral. Recorded from San Mateo, Santa Clara, Santa Cruz.	Apr-Sep Shrub (evergreen)	None: no suitable habitat present.
<i>Malacothamnus hallii</i> Hall's bush mallow	Federal: none State: none CNPS: 1B.2 Other: DFG: Special Plant	Occurs in chaparral, coastal scrub. Recorded from Alameda, Contra Costa, Mendocino, Merced, , Santa Clara, Stanislaus.	May-Sep Shrub (evergreen)	None: no suitable habitat present.
<i>Sidalcea malachroides</i> maple-leaved checkerbloom	Federal: none State: none CNPS: 4.2 Other: DFG: Special Plant	Occurs in broadleaved upland forest, coastal prairie, coastal scrub, mixed evergreen forest, North Coast coniferous forest, redwood forest. Recorded from Del Norte, Humboldt, Mendocino, Monterey, Santa Clara, Santa Cruz, Sonoma. Also recorded from Oregon.	Apr-Aug Perennial Herb	None: no suitable habitat present.
Onagraceae - Evening Primrose Family				
<i>Clarkia concinna</i> ssp. <i>automixa</i> Santa Clara red ribbons	Federal: none State: none CNPS: 4.3 Other: DFG: Special Plant	Occurs in chaparral, cismontane woodland, foothill woodland. Recorded from Alameda, Santa Clara.	Apr-Jul Annual Herb	None: no suitable habitat present.



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Polemoniaceae - Phlox Family				
<i>Navarretia prostrata</i> prostrate navarretia	Federal: none State: none CNPS: 1B.1 Other: DFG: Special Plant	Occurs in coastal sage scrub, coastal scrub, valley and foothill grassland, vernal pools. Recorded from Alameda, Los Angeles, Merced, Monterey, Orange, Riverside, San Bernardino, San Diego.	Apr-Jul Annual Herb	None: no suitable habitat present.
Polygonaceae - Buckwheat Family				
<i>Chorizanthe robusta</i> var. <i>robusta</i> robust spineflower	Federal: FE State: none CNPS: 1B.1 Other: DFG: Special Plant	Occurs in cismontane woodland, coastal dunes, coastal scrub, coastal strand, foothill woodland, northern coastal scrub. Substrate: sandy, gravelly. Recorded from Alameda, Monterey, San Mateo, Santa Clara, Santa Cruz.	Apr-Sep Annual Herb	None: no suitable habitat present.
<i>Eriogonum nudum</i> var. <i>decurrans</i> Ben Lomond buckwheat	Federal: none State: none CNPS: 1B.1 Other: DFG: Special Plant	Occurs in chaparral, cismontane woodland, foothill woodland, lower montane coniferous forest, yellow pine forest Habitats Note: sandy. Recorded from Alameda, Santa Cruz.	Jun-Oct Perennial Herb	None: no suitable habitat present.
Potamogetonaceae - Pondweed Family				
<i>Stuckenia filiformis</i> slender-leaved pondweed	Federal: none State: none CNPS: 2.2 Other: DFG: Special Plant	Occurs in freshwater marsh, marshes and swamps Moisture: shallow-water. Recorded from Contra Costa, Lassen, Merced, Mono, Santa Clara, Sierra. Also recorded from Arizona, Nevada, Oregon, Washington.	May-Jul Perennial Herb (rhizomatous), Aquatic	None: no suitable habitat present.



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Scrophulariaceae - Figwort Family				
<i>Collinsia multicolor</i> San Francisco collinsia	Federal: none State: none CNPS: 1B.2 Other: DFG: Special Plant	Occurs in closed-cone coniferous forest, closed-cone pine forest, coastal scrub, northern coastal scrub. Substrate: sometimes serpentinite. Recorded from Monterey, San Francisco, San Mateo, Santa Clara, Santa Cruz.	Mar-May Annual Herb	None: no suitable habitat present.
<i>Cordylanthus maritimus</i> ssp. <i>palustris</i> Point Reyes bird's-beak	Federal: none State: none CNPS: 1B.2 Other: DFG: Special Plant	Occurs in coastal salt marsh, marshes and swamps. Habitats Note: coastal salt marsh. Recorded from Alameda, Humboldt, Marin, San Mateo, Santa Clara, Sonoma. Also recorded from Oregon.	Jun-Oct Annual Herb, Hemiparasitic	None: no suitable habitat present.
Thymelaeaceae - Mezereum Family				
<i>Dirca occidentalis</i> western leatherwood	Federal: none State: none CNPS: 1B.2 Other: DFG: Special Plant	Occurs in broadleaved upland forest, chaparral, cismontane woodland, closed-cone coniferous forest, closed-cone pine forest, foothill woodland, mixed evergreen forest, north coast coniferous forest, riparian forest, riparian woodland. Moisture: moist. Recorded from Alameda, Contra Costa, Marin, San Mateo, Santa Clara, Sonoma.	Jan-Apr Shrub (deciduous)	None: no suitable habitat present.



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Branchiopoda - Branchiopods			
<i>Lepidurus packardii</i> vernal pool tadpole shrimp	Federal FE	Inhabits vernal pools and grassy swales of unplowed grasslands. Tolerant of mud-bottoms and highly turbid conditions.	None: no suitable habitat present.
	State none		
	Other DFG: Special Animal	Recorded from Alameda, Butte, Colusa, Contra Costa, Fresno, Kings, Merced, Placer, Sacramento, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Yolo, Yuba counties.	
<i>Linderiella occidentalis</i> California linderiella	Federal none	Inhabits seasonal pools in unplowed grasslands with old alluvial soils underlain by hardpan or in sandstone depressions. Found in pools of water with very low alkalinity, conductivity, and total dissolved solids.	None: no suitable habitat present.
	State none		
	Other DFG: Special Animal	Recorded from Alameda, Butte, Contra Costa, Fresno, Madera, Merced, Monterey, Placer, Sacramento, San Benito, San Joaquin, San Luis Obispo, Santa Cruz, Shasta, Solano, Sonoma, Stanislaus, Sutter, Tehama, Yuba counties.	
Gastropoda - Snails And Slugs			
<i>Tryonia imitator</i> mimic tryonia	Federal none	Inhabits coastal lagoons, estuaries and salt marshes. Found only in permanently submerged areas in a variety of sediment types. Tolerant of a wide range of salinities.	None: no suitable habitat present.
	State none		
	Other DFG: Special Animal	Recorded from Alameda, Los Angeles, Monterey, Orange, San Diego, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Sonoma, Ventura counties. Additional distribution: occurs from Sonoma County south to San Diego County.	
Arachnida - Arachnids			
<i>Microcina homi</i> Hom's micro-blind harvestman	Federal none	known only from serpentine rocks in grassland habitats. This blind species occurs clinging to the undersides of serpentine rocks near permanent springs.	None: no suitable habitat present.
	State none		
	Other DFG: Special Animal	Recorded from Santa Clara County.	



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<i>Insecta - Insects</i>			
<i>Adela oplerella</i> Opler's longhorn moth	Federal none State none Other DFG: Special Animal	All known occurrences except Santa Cruz site are from serpentine grassland. Larvae feed on <i>Platystemon californicus</i> . Recorded from Alameda, Marin, Santa Clara, Santa Cruz, Sonoma counties.	None: no suitable habitat present.
<i>Danaus plexippus</i> monarch butterfly	Federal none State none Other DFG: Special Animal (wintering)	Listing refers to wintering sites only. Roosts located in wind-protected tree groves (eucalyptus, Monterey pine, Monterey cypress), with nectar and water sources nearby. Recorded from Alameda, Contra Costa, Inyo, Kern, Los Angeles, Marin, Mendocino, Monterey, Orange, San Diego, San Francisco, San Luis Obispo, San Mateo, Santa Barbara, Santa Cruz, Solano, Sonoma, Ventura counties. Additional distribution: winter roost sites extend along the coast from northern Mendocino to Baja California, Mexico.	None: no suitable habitat present.
<i>Euphydryas editha bayensis</i> bay checkerspot butterfly	Federal FT State none Other DFG: Special Animal	Inhabits native grasslands on outcrops of serpentine soil. The primary host plant is <i>Plantago erecta</i> . Secondary host plants include <i>Orthocarpus densiflorus</i> and <i>O. purpurascens</i> . Recorded from Alameda, San Francisco, San Mateo, Santa Clara counties. Additional distribution: occurs in the vicinity of the San Francisco Bay.	None: no suitable habitat present.
<i>Actinopterygii - Ray-finned Fishes</i>			
<i>Oncorhynchus mykiss irideus</i> steelhead - central Calif. coast ESU	Federal FT State none Other DFG: Special Animal	Occurs from the Russian River south to Soquel Creek and to, but not including the Pajarro River. Also occurs in the San Francisco and San Pablo basins. Recorded from Alameda, Marin, Napa, San Mateo, Santa Cruz, Sonoma counties.	None: no suitable habitat present.
<i>Amphibia - Amphibians</i>			
<i>Ambystoma californiense</i> California tiger salamander - Central Calif. DPS	Federal FT State None Other DFG: CSC	Needs underground refuges, especially ground squirrel burrows and vernal pools or other seasonal water sources for breeding. Recorded from Alameda, Amador, Butte, Calaveras, Contra Costa, Fresno, Kern, Kings, Madera, Mariposa, Merced, Monterey, Riverside, Sacramento, San Benito, San Joaquin, San Luis Obispo, San Mateo, Santa Clara, Santa Cruz, Solano, Stanislaus, Sutter, Tulare, Yolo counties.	None: no suitable habitat present.



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<i>Rana aurora draytonii</i> California red-legged frog	Federal FT State none Other DFG: CSC	Inhabits 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. Recorded from Alameda, Amador, Butte, Calaveras, Contra Costa, El Dorado, Fresno, Glenn, Lake, Los Angeles, Marin, Mariposa, Mendocino, Merced, Monterey, Napa, Nevada, Placer, Plumas, Riverside, San Benito, San Bernardino, San Diego, San Francisco, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Shasta, Solano, Sonoma, Stanislaus, Tehama, Tuolumne, Ventura, Yuba counties.	None: no suitable habitat present.
<i>Rana boylei</i> foothill yellow-legged frog	Federal none State none Other BLM: Sensitive DFG: CSC FS: Sensitive	Inhabits partly-shaded, shallow streams and riffles with a rocky substrate in a variety of habitats. Needs at least some cobble-sized substrate for egg-laying. Requires at least 15 weeks to complete metamorphosis. Recorded from Butte, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Lake, Madera, Marin, Mariposa, Mendocino, Merced, Monterey, Napa, Nevada, Placer, Plumas, San Benito, San Joaquin, San Luis Obispo, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Tehama, Trinity, Tulare, Tuolumne, Yolo counties.	None: no suitable habitat present.
Reptilia - Reptiles			
<i>Actinemys marmorata</i> western pond turtle	Federal none State none Other DFG: CSC	A thoroughly aquatic turtle inhabiting ponds, marshes, rivers, streams and irrigation ditches with aquatic vegetation. Needs basking sites and sandy banks or grassy open fields in upland areas for egg-laying. Recorded from Alameda, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kern, Kings, Lake, Lassen, Los Angeles, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Orange, Placer, Plumas, Riverside, Sacramento, San Benito, San Bernardino, San Diego, San Francisco, San Joaquin, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Solano, Sonoma, Stanislaus, Tehama, Trinity, Tulare, Tuolumne, Ventura, Yolo, Yuba counties.	None: no suitable habitat present.



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<i>Masticophis lateralis euryxanthus</i> Alameda whipsnake	Federal FT State ST Other DFG: Special Animal	Inhabits south-facing slopes and ravines where shrubs form a vegetative mosaic with oak trees and grasses. Restricted to valley-foothill hardwood habitat of the Coast Ranges between Monterey and northern San Francisco Bay. Recorded from Alameda, Contra Costa counties.	None: no suitable habitat present.
Aves - Birds			
<i>Accipiter cooperii</i> Cooper's hawk	Federal none State none Other DFG: Watch List (nesting) FWS: MBTA	Inhabits primarily open, interrupted or marginal woodlands. Nests mainly in riparian groves of deciduous trees in canyon bottoms on river flood-plains. Also nests in coast live oak. Recorded from Alameda, Colusa, Contra Costa, Fresno, Humboldt, Imperial, Inyo, Kern, Los Angeles, Monterey, Orange, Placer, Riverside, Sacramento, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, Santa Cruz, Siskiyou, Tulare, Ventura counties.	Not expected: marginally suitable nesting habitat present. May forage on site.
<i>Accipiter striatus</i> sharp-shinned hawk	Federal none State none Other DFG: CSC (nesting) FWS: MBTA	Nests in ponderosa pine, black oak, riparian deciduous, mixed conifer and Jeffrey pine habitats. Prefers riparian areas. Nests on north-facing slopes, usually within 275 ft of water. Plucking perches are critical requirements. Recorded from Alameda, Calaveras, Napa counties.	Not expected: no suitable habitat present.
<i>Agelaius tricolor</i> tricolored blackbird	Federal none State none Other Audubon: Watch List BLM: Sensitive DFG: CSC (nesting colony) FWS: BCC; MBTA USBC: Watch List	Highly colonial species. Requires open water, protected nesting substrate, and foraging areas with insect prey within a few km of the colony. Greatest concentrations are in the Central Valley and vicinity. Largely endemic to California. Recorded from Alameda, Butte, Calaveras, Colusa, Contra Costa, El Dorado, Fresno, Glenn, Humboldt, Kern, Kings, Lake, Lassen, Los Angeles, Madera, Marin, Mendocino, Merced, Modoc, Monterey, Napa, Orange, Placer, Riverside, Sacramento, San Benito, San Diego, San Joaquin, San Luis Obispo, Santa Barbara, Santa Clara, Santa Cruz, Shasta, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Tuolumne, Ventura, Yolo, Yuba counties.	None: no suitable habitat present.



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<i>Aquila chrysaetos</i> golden eagle	Federal none State none Other BLM: Sensitive CDF: Sensitive DFG: fully protected DFG: Watch List FWS: BCC; MBTA, BEPA	Nests and winters in rolling foothills and mountain areas in sage-juniper flats and deserts. Nests on cliff-walled canyons and large trees in open areas. Recorded from Alameda, Colusa, Contra Costa, El Dorado, Fresno, Humboldt, Kern, Lassen, Madera, Modoc, Mono, Monterey, Napa, Orange, Riverside, Sacramento, San Bernardino, San Diego, Santa Clara, Siskiyou, Solano, Trinity counties.	None: no suitable habitat present.
<i>Ardea herodias</i> great blue heron	Federal none State none Other CDF: Sensitive DFG: Special Animal (rookery) FWS: MBTA	Nests colonially in tall trees, cliffsides, and sequestered spots on marshes. Rookery sites are usually in close proximity to foraging areas such as marshes, lake margins, tide-flats, rivers and streams, wet meadows. Recorded from Alameda, Butte, Del Norte, Humboldt, Imperial, Lake, Lassen, Marin, Merced, Monterey, Placer, Riverside, Sacramento, San Joaquin, San Mateo, Santa Clara, Shasta, Siskiyou, Solano, Sonoma, Stanislaus, Tehama, Tulare, Yolo counties.	None: no suitable habitat present.
<i>Athene cunicularia</i> burrowing owl	Federal none State none Other BLM: Sensitive DFG: CSC (burrow sites) FWS: BCC; MBTA	Inhabits open, dry annual or perenial grasslands, deserts and scrublands characterized by low-growing vegetation. Nests underground in mammal burrows, especially those of California ground squirrel. Recorded from Alameda, Butte, Colusa, Contra Costa, Fresno, Glenn, Imperial, Inyo, Kern, Kings, Lassen, Los Angeles, Madera, Marin, Merced, Monterey, Napa, Orange, Placer, Riverside, Sacramento, San Benito, San Bernardino, San Diego, San Joaquin, San Luis Obispo, Santa Clara, Santa Cruz, Solano, Sonoma, Stanislaus, Sutter, Tehama, Tulare, Ventura, Yolo counties.	Detected: see report for details.



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Scientific Name Common Name	Status	Habitat Affinities And Reported Distribution	Potential For Occurrence On Site
<i>Charadrius alexandrinus nivosus</i> western snowy plover	Federal FT State none Other Audubon: Watch List (full species) DFG: CSC (nesting, coastal population) FWS: BCC (full species) FWS: MBTA USBC: Watch List (full species)	Inhabits sandy beaches, salt pond levees and shores of large alkali lakes. Requires sandy, gravelly or friable soils for nesting. Federal listing applies only to the Pacific coastal population. Recorded from Alameda, Del Norte, Humboldt, Inyo, Kern, Kings, Los Angeles, Marin, Mendocino, Modoc, Monterey, Napa, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Siskiyou, Sonoma, Ventura, Yolo counties.	None: no suitable habitat present.
<i>Circus cyaneus</i> northern harrier	Federal none State none Other DFG: CSC (nesting) FWS: MBTA	Inhabits coastal salt and freshwater marshes. Nests and forages in grasslands, from salt grass in desert sink to mountain cienagas. Nests on ground in shrubby vegetation, usually at marsh edge. Nests are large mounds of sticks in wet areas. Recorded from Alameda, Butte, Contra Costa, Inyo, Marin, Merced, Monterey, Orange, Riverside, San Diego, San Mateo counties.	Not expected: marginally suitable nesting habitat present. Prefers taller grasses for nesting than found on site; level of human activity is too high to permit nesting.
<i>Egretta thula</i> snowy egret	Federal none State none Other DFG: Special Animal (rookery) FWS: MBTA USBC: Watch List	Nests colonially, with nest sites situated in protected beds of dense tules. Rookery sites are usually situated close to foraging areas consisting of marshes, tidal-flats, streams, wet meadows, and borders of lakes. Recorded from Contra Costa, Del Norte, Humboldt, Kern, Marin, Riverside, Sacramento, Stanislaus counties.	None: no suitable habitat present.



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Scientific Name Common Name	Status	Habitat Affinities And Reported Distribution	Potential For Occurrence On Site
<i>Elanus leucurus</i> white-tailed kite	Federal none State none Other DFG: fully protected FWS: MNBMC, MBTA	Inhabits rolling foothills and valley margins with scattered oaks and river bottomlands or marshes next to deciduous woodlands. Utilizes open grasslands, meadows, or marshes for foraging close to isolated, dense-topped trees for nesting and perching. Recorded from Alameda, Colusa, Contra Costa, Del Norte, Marin, Napa, Placer, Riverside, Sacramento, San Diego, San Luis Obispo, San Mateo, Santa Clara, Solano, Sonoma, Tehama, Ventura, Yolo counties.	Possible: marginally suitable nesting habitat present. Could nest in landscaping trees on site and in project vicinity; could forage on site.
<i>Falco peregrinus anatum</i> American peregrine falcon	Federal none State SE Other CDF: Sensitive DFG: fully protected (nesting) FS: Sensitive FWS: BCC (full species); MBTA	Nests near wetlands, lakes, rivers, or other water bodies, on cliffs, banks, dunes, mounds, and human-made structures. Nests consist of a scrape on a depression or ledge in an open site. Recorded from Alameda, Humboldt, Napa, Shasta, Siskiyou, Tehama counties.	None: no suitable habitat present.
<i>Geothlypis trichas sinuosa</i> saltmarsh common yellowthroat	Federal none State none Other DFG: CSC FWS: BCC	Inhabits freshwater and salt marshes. Requires thick, continuous cover down to water surface for foraging. Nests in tall grasses, tule patches and willows. Resident of the San Francisco Bay region. Recorded from Alameda, Marin, Napa, San Francisco, San Mateo, Santa Clara, Santa Cruz, Solano, Sonoma counties.	None: no suitable habitat present.



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Scientific Name Common Name	Status	Habitat Affinities And Reported Distribution	Potential For Occurrence On Site
<p><i>Lanius ludovicianus</i> loggerhead shrike</p>	<p>Federal none State none Other DFG: CSC (nesting) FWS: BCC; MBTA</p>	<p>A common resident and winter visitor in lowlands and foothills throughout California. Prefers open habitats with scattered shrubs, trees, posts, fences, utility lines, or other perches. Highest density occurs in open-canopied valley foothill hardwood, valley foothill hardwood-conifer, valley foothill riparian, pinyon-juniper, juniper, desert riparian, and Joshua tree habitats. Recorded from Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Imperial, Inyo, Kern, Kings, Lake, Lassen, Los Angeles, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Mono, Monterey, Napa, Nevada, Orange, Placer, Plumas, Riverside, Sacramento, San Benito, San Bernardino, San Diego, San Francisco, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Santa Clara, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Ventura, Yolo, Yuba counties.</p>	<p>Possible: suitable nesting habitat present. Could nest in coyote brush in burrowing owl preserve.</p>
<p><i>Laterallus jamaicensis coturniculus</i> California black rail</p>	<p>Federal none State ST Other Audubon: Watch list (full species) DFG: Fully protected FWS: MBTA FWS: MNBMC (full species) USBC: Watch list (full species)</p>	<p>Mainly inhabits salt-marshes bordering larger bays. Occurs in tidal salt marsh densely vegetated with pickleweed. Also found in freshwater and brackish marshes, near sea level. Recorded from Alameda, Butte, Contra Costa, Imperial, Los Angeles, Marin, Napa, Nevada, Orange, San Diego, San Francisco, San Joaquin, San Luis Obispo, San Mateo, Santa Cruz, Solano, Sonoma, Yuba counties.</p>	<p>None: no suitable habitat present.</p>



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Scientific Name Common Name	Status	Habitat Affinities And Reported Distribution	Potential For Occurrence On Site
<i>Melospiza melodia pusillula</i> Alameda song sparrow	Federal none State none Other DFG: CSC FWS: BCC; MBTA	Inhabits pickleweed marshes. Nests low in <i>Grindelia</i> bushes (high enough to escape high tides) and in pickleweed. Resident of salt marshes bordering the southern arm of San Francisco Bay.	None: no suitable habitat present.
<i>Rallus longirostris obsoletus</i> California clapper rail	Federal FE State SE Other DFG: Fully protected FWS: MBTA USBC: Watch list (full species)	Inhabits salt-water and brackish marshes traversed by tidal sloughs in the vicinity of San Francisco Bay. Associated with abundant growths of pickleweed, but feeds away from cover on invertebrates from mud-bottomed sloughs. Recorded from Alameda, Contra Costa, Humboldt, Marin, Monterey, Napa, San Luis Obispo, San Mateo, Santa Clara, Solano, Sonoma counties.	None: no suitable habitat present.
<i>Riparia riparia</i> bank swallow	Federal none State ST Other DFG: Special Animal (nesting) FWS: MBTA	Nests colonially, 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. Recorded from Alameda, Butte, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Inyo, Lassen, Modoc, Mono, Monterey, Plumas, Sacramento, San Benito, San Diego, San Francisco, San Luis Obispo, San Mateo, Santa Barbara, Shasta, Siskiyou, Sonoma, Sutter, Tehama, Ventura, Yolo counties.	None: no suitable habitat present.
<i>Sterna antillarum browni</i> California least tern	Federal FE State SE Other Audubon: Watch List (Red) DFG: Fully protected FWS: MBTA USBC: Watch List (full species)	Breeds in colonies on bare or sparsely vegetated, flat substrates consisting of sand beaches, alkali flats, land fills, or paved areas. Nests along the coast from San Francisco Bay south to northern Baja California. Recorded from Alameda, Contra Costa, Los Angeles, Orange, San Diego, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Ventura counties.	None: no suitable habitat present.



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Scientific Name Common Name	Status	Habitat Affinities And Reported Distribution	Potential For Occurrence On Site
Mammalia - Mammals			
<i>Antrozous pallidus</i> pallid bat	Federal none State none Other BLM: Sensitive DFG: CSC FS: Sensitive WBWG: High priority	Inhabits deserts, grasslands, shrublands, woodlands and forests. Most commonly found in open, dry habitats with rocky areas for roosting. Roosts must provide protection from high temperatures. Species is very sensitive to disturbances to roosting sites. Recorded from Calaveras, Imperial, Inyo, Kern, Lake, Marin, Mariposa, Mono, Napa, Orange, Riverside, San Bernardino, San Diego, San Joaquin, San Luis Obispo, Santa Barbara, Siskiyou, Sonoma, Tuolumne counties. Also from Arizona, Nevada, New Mexico, Oregon, Washington.	Not expected: no suitable habitat present. No unoccupied or abandoned structures are present on site.
<i>Corynorhinus townsendii</i> Townsend's big-eared bat	Federal none State none Other DFG: CSC (full species)	Most abundant in mesic habitats. Found in all but subalpine and alpine habitats, and may be found at any season throughout its range. Once considered common, Townsend's big-eared bat now is considered uncommon in California.	Not expected: marginally suitable habitat present. Could roost in buildings.
<i>Dipodomys heermanni berkeleyensis</i> Berkeley kangaroo rat	Federal none State none Other DFG: Special Animal	Inhabits open grassy hilltops and open spaces in chaparral and blue oak or gray pine woodlands. Needs fine, deep, well-drained soil for burrowing. Last recorded in 1936. Recorded from Alameda, Contra Costa counties.	None: no suitable habitat present.
<i>Dipodomys venustus venustus</i> Santa Cruz kangaroo rat	Federal none State none Other DFG: Special Animal	Inhabits silverleaf manzanita mixed chaparral in the Zayante Hills ecosystem of the Santa Cruz mountains. Needs soft, well-drained sand. Recorded from San Mateo, Santa Clara, Santa Cruz counties.	None: no suitable habitat present.



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Scientific Name Common Name	Status	Habitat Affinities And Reported Distribution	Potential For Occurrence On Site
<i>Lasionycteris noctivagans</i> silver-haired bat	Federal none State none Other WBWG: Medium priority	Summer habitats include coastal and montane coniferous forests, valley foothill woodlands, pinyon- juniper woodlands, and valley foothill and montane riparian habitats. Summer distribution of the silver-haired bat includes coastal and montane forests from the Oregon border south along the coast to San Francisco Bay, and along the Sierra Nevada and Great Basin region to Inyo Co. This species also is recorded in Stanislaus and Monterey cos. During spring and fall migrations and in winter, the silver-haired bat may be found anywhere in California. Recorded from Alpine, Del Norte, El Dorado, Fresno, Humboldt, Inyo, Lassen, Madera, Marin, Mariposa, Mendocino, Modoc, Mono, Monterey, Placer, Plumas, San Benito, San Francisco, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Sonoma, Trinity, Tuolumne counties.	Possible: marginally suitable habitat present. Could roost in buildings.
<i>Lasiurus cinereus</i> hoary bat	Federal none State none Other DFG: Special Animal	The hoary bat is the most widespread North American bat. May be found at any location in California, although distribution patchy in southeastern deserts. This common, solitary species winters along the coast and in southern California, breeding inland and north of the winter range. During migration, may be found at locations far from the normal range, such as the Channel Islands (Brown 1980) and the Farallon Islands (Tenaza 1966). Habitats suitable for bearing young include all woodlands and forests with medium to large-size trees and dense foliage.	Possible: suitable roosting habitat present. Could roost in buildings.
<i>Myotis evotis</i> long-eared myotis	Federal none State none Other BLM: Sensitive DFG: Special Animal WBWG: Medium priority	Inhabits all brush, woodland and forest habitats from sea level to about 9000 ft. in elevation. Prefers coniferous woodlands and forests. Forms nursery colonies in buildings, crevices, spaces under bark, and snags. Caves used primarily as night roosts. General distribution: Occurs statewide.	None: no suitable habitat present.



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Scientific Name Common Name	Status	Habitat Affinities And Reported Distribution	Potential For Occurrence On Site
<i>Myotis thysanodes</i> fringed myotis	Federal none State none Other BLM: Sensitive DFG: Special Animal WBWG: High priority	Occurs in a wide variety of habitats. Optimal habitats include pinyon-juniper, valley foothill hardwood and hardwood-conifer woodlands. Forms maternity colonies and roosts in caves, mines, buildings and crevices. General distribution:occurs throughout California.	Possible: marginally suitable habitat present. Could roost in buildings.
<i>Myotis volans</i> long-legged myotis	Federal none State none Other DFG: Special Animal WBWG: High priority	Most common in woodland and forest habitats above 4000 ft. in elevation. Trees are important day roosts. Caves and mines serve as night roosts. Forms nursery colonies under bark or in hollow trees, and occasionally in crevices or buildings. General distribution:occurs throughout California.	Possible: marginally suitable habitat present. Could roost in buildings.
<i>Myotis yumanensis</i> Yuma myotis	Federal none State none Other BLM: Sensitive DFG: Special Animal WBWG: low-medium priority	Inhabits open forests and woodlands with sources of water over which to feed. Species is closely tied to bodies of water. Maternity colonies in caves, mines, buildings or crevices. General distribution:occurs throughout California.	Possible: marginally suitable habitat present. Could roost in buildings.
<i>Neotoma fuscipes annectens</i> San Francisco dusky-footed woodrat	Federal none State none Other DFG: CSC	Inhabits forested areas with a moderate canopy and a moderate to dense understory. Also occurs chaparral habitats. Constructs nests of shredded grass, leaves and other materials. Population may be limited by availability of nest-building materials. Recorded from Alameda, Contra Costa, San Francisco, San Mateo, Santa Clara counties.	None: no suitable habitat present.



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Scientific Name Common Name	Status	Habitat Affinities And Reported Distribution	Potential For Occurrence On Site
<i>Reithrodontomys raviventris</i> salt-marsh harvest mouse	Federal FE State SE Other DFG: Fully protected	Pickleweed (<i>Salicornia</i>) is the primary habitat. Builds loosely organized nests and does not burrow into the ground. Requires higher areas to escape flooding. Restricted to saline emergent wetlands. Recorded from Contra Costa, Marin, Napa, San Mateo, Santa Clara, Solano, Sonoma counties. Additional distribution: San Francisco Bay and its tributaries.	None: no suitable habitat present.
<i>Sorex vagrans halicoetes</i> salt-marsh wandering shrew	Federal none State none Other DFG: CSC	Inhabits salt marshes. Occurs in medium-high marsh 6-8 ft above sea level where abundant driftwood is scattered among pickleweed. Recorded from Alameda, Contra Costa, San Mateo, Santa Clara counties. Additional distribution: southern arm of the San Francisco Bay.	None: no suitable habitat present.
<i>Vulpes macrotis mutica</i> San Joaquin kit fox	Federal FE State ST Other DFG: Special Animal	Inhabits annual grasslands or grassy open stages with scattered shrubby vegetation. Needs loose-textured sandy soils for burrowing, and a suitable prey base. Recorded from Alameda, Contra Costa, Fresno, Kern, Kings, Madera, Merced, Monterey, San Benito, Santa Clara, Tulare counties.	None: no suitable habitat present.

Scientific Name/Common Name	Element Code	Federal Status	State Status	GRank	SRank	CDFG or CNPS
1 <i>Accipiter cooperii</i> Cooper's hawk	ABNKC12040			G5	S3	
2 <i>Accipiter striatus</i> sharp-shinned hawk	ABNKC12020			G5	S3	
3 <i>Actinemys marmorata</i> western pond turtle	ARAAD02030			G3G4	S3	SC
4 <i>Actinemys marmorata pallida</i> southwestern pond turtle	ARAAD02032			G3G4T2T3 Q	S2	SC
5 <i>Adela oplerella</i> Opler's longhorn moth	IILEE0G040			G2G3	S2S3	
6 <i>Agelaius tricolor</i> tricolored blackbird	ABPBXB0020			G2G3	S2	SC
7 <i>Ambystoma californiense</i> California tiger salamander	AAAAA01180	Threatened		G2G3	S2S3	SC
8 <i>Antrozous pallidus</i> pallid bat	AMACC10010			G5	S3	SC
9 <i>Aquila chrysaetos</i> golden eagle	ABNKC22010			G5	S3	
10 <i>Arctostaphylos andersonii</i> Anderson's manzanita	PDERI04030			G2	S2?	1B.2
11 <i>Ardea herodias</i> great blue heron	ABNGA04010			G5	S4	
12 <i>Astragalus tener var. tener</i> alkali milk-vetch	PDFAB0F8R1			G1T1	S1.1	1B.2
13 <i>Athene cunicularia</i> burrowing owl	ABNSB10010			G4	S2	SC
14 <i>Atriplex depressa</i> brittlescale	PDCHE042L0			G2Q	S2.2	1B.2
15 <i>Atriplex joaquiniana</i> San Joaquin spearscale	PDCHE041F3			G2	S2.1	1B.2
16 <i>Balsamorhiza macrolepis var. macrolepis</i> big-scale balsamroot	PDAST11061			G3G4T2	S2.2	1B.2
17 <i>California macrophylla</i> round-leaved filaree	PDGER01070			G3	S3.1	1B.1
18 <i>Campanula exigua</i> chaparral harebell	PDCAM020A0			G2	S2.2	1B.2
19 <i>Centromadia parryi ssp. congdonii</i> Congdon's tarplant	PDAST4R0P1			G4T3	S3.2	1B.2
20 <i>Charadrius alexandrinus nivosus</i> western snowy plover	ABNNB03031	Threatened		G4T3	S2	SC
21 <i>Chorizanthe robusta var. robusta</i> robust spineflower	PDPGN040Q2	Endangered		G2T1	S1.1	1B.1
22 <i>Circus cyaneus</i> northern harrier	ABNKC11010			G5	S3	SC
23 <i>Cirsium fontinale var. campylon</i> Mt. Hamilton fountain thistle	PDAST2E163			G2T2	S2.2	1B.2

	Scientific Name/Common Name	Element Code	Federal Status	State Status	GRank	SRank	CDFG or CNPS
24	<i>Clarkia concinna ssp. automixa</i> Santa Clara red ribbons	PDONA050A1			G5?T3	S3.3	4.3
25	<i>Collinsia multicolor</i> San Francisco collinsia	PDSCR0H0B0			G2	S2.2	1B.2
26	<i>Cordylanthus maritimus ssp. palustris</i> Point Reyes bird's-beak	PDSCR0J0C3			G4?T2	S2.2	1B.2
27	<i>Corynorhinus townsendii</i> Townsend's big-eared bat	AMACC08010			G4	S2S3	SC
28	<i>Danaus plexippus</i> monarch butterfly	IILEPP2010			G5	S3	
29	<i>Dipodomys heermanni berkeleyensis</i> Berkeley kangaroo rat	AMAFD03061			G3G4T1	S1	
30	<i>Dipodomys venustus venustus</i> Santa Cruz kangaroo rat	AMAFD03042			G4T1	S1	
31	<i>Dirca occidentalis</i> western leatherwood	PDTHY03010			G2G3	S2S3	1B.2
32	<i>Dudleya setchellii</i> Santa Clara Valley dudleya	PDCRA040Z0	Endangered		G1	S1.1	1B.1
33	<i>Egretta thula</i> snowy egret	ABNGA06030			G5	S4	
34	<i>Elanus leucurus</i> white-tailed kite	ABNKC06010			G5	S3	
35	<i>Eriogonum nudum var. decurrens</i> Ben Lomond buckwheat	PDPGN08492			G5T2	S2.1	1B.1
36	<i>Eryngium aristulatum var. hooveri</i> Hoover's button-celery	PDAP10Z043			G5T2	S2.1	1B.1
37	<i>Euphydryas editha bayensis</i> Bay checkerspot butterfly	IILEPK4055	Threatened		G5T1	S1	
38	<i>Falco peregrinus anatum</i> American peregrine falcon	ABNKD06071	Delisted	Endangered	G4T3	S2	
39	<i>Fritillaria liliacea</i> fragrant fritillary	PMLIL0V0C0			G2	S2.2	1B.2
40	<i>Geothlypis trichas sinuosa</i> saltmarsh common yellowthroat	ABPBX1201A			G5T2	S2	SC
41	<i>Helianthella castanea</i> Diablo helianthella	PDAST4M020			G3	S3.2	1B.2
42	<i>Hoita strobilina</i> Loma Prieta hoita	PDFAB5Z030			G2	S2.1	1B.1
43	<i>Lasiurus cinereus</i> hoary bat	AMACC05030			G5	S4?	
44	<i>Lasthenia conjugens</i> Contra Costa goldfields	PDAST5L040	Endangered		G1	S1.1	1B.1
45	<i>Laterallus jamaicensis coturniculus</i> California black rail	ABNME03041		Threatened	G4T1	S1	
46	<i>Lepidurus packardi</i> vernal pool tadpole shrimp	ICBRA10010	Endangered		G3	S2S3	
47	<i>Linderiella occidentalis</i> California linderiella	ICBRA06010			G3	S2S3	

	Scientific Name/Common Name	Element Code	Federal Status	State Status	GRank	SRank	CDFG or CNPS
48	<i>Malacothamnus arcuatus</i> arcuate bush-mallow	PDMAL0Q0E0			G2Q	S2.2	1B.2
49	<i>Malacothamnus hallii</i> Hall's bush-mallow	PDMAL0Q0F0			G1Q	S1.2	1B.2
50	<i>Masticophis lateralis euryxanthus</i> Alameda whipsnake	ARADB21031	Threatened	Threatened	G4T2	S2	
51	<i>Melospiza melodia pusillula</i> Alameda song sparrow	ABPBXA301S			G5T2?	S2?	SC
52	<i>Microcina homi</i> Hom's micro-blind harvestman	ILARA47020			G1	S1	
53	<i>Monardella villosa ssp. globosa</i> robust monardella	PDLAM180P7			G5T2	S2.2	1B.2
54	<i>Myotis yumanensis</i> Yuma myotis	AMACC01020			G5	S4?	
55	<i>Navarretia prostrata</i> prostrate vernal pool navarretia	PDPLM0C0Q0			G2?	S2.1?	1B.1
56	<i>Neotoma fuscipes annectens</i> San Francisco dusky-footed woodrat	AMAFF08082			G5T2T3	S2S3	SC
57	<i>Northern Coastal Salt Marsh</i>	CTT52110CA			G3	S3.2	
58	<i>Oncorhynchus mykiss irideus</i> steelhead - Central California Coast ESU	AFCHA0209G	Threatened		G5T2Q	S2	
59	<i>Plagiobothrys glaber</i> hairless popcorn-flower	PDBOR0V0B0			GH	SH	1A
60	<i>Rallus longirostris obsoletus</i> California clapper rail	ABNME05016	Endangered	Endangered	G5T1	S1	
61	<i>Rana boylei</i> foothill yellow-legged frog	AAABH01050			G3	S2S3	SC
62	<i>Rana draytonii</i> California red-legged frog	AAABH01022	Threatened		G4T2T3	S2S3	SC
63	<i>Reithrodontomys raviventris</i> salt-marsh harvest mouse	AMAFF02040	Endangered	Endangered	G1G2	S1S2	
64	<i>Riparia riparia</i> bank swallow	ABPAU08010		Threatened	G5	S2S3	
65	<i>Sidalcea malachroides</i> maple-leaved checkerbloom	PDMAL110E0			G3G4	S3S4.2	4.2
66	<i>Sorex vagrans halicoetes</i> salt-marsh wandering shrew	AMABA01071			G5T1	S1	SC
67	<i>Sternula antillarum browni</i> California least tern	ABNNM08103	Endangered	Endangered	G4T2T3Q	S2S3	
68	<i>Streptanthus albidus ssp. albidus</i> Metcalf Canyon jewel-flower	PDBRA2G011	Endangered		G2T1	S1.1	1B.1
69	<i>Streptanthus albidus ssp. peramoenus</i> most beautiful jewel-flower	PDBRA2G012			G2T2	S2.2	1B.2
70	<i>Suaeda californica</i> California seablite	PDCHE0P020	Endangered		G1	S1.1	1B.1
71	<i>Sycamore Alluvial Woodland</i>	CTT62100CA			G1	S1.1	
72	<i>Tropidocarpum capparideum</i> caper-fruited tropidocarpum	PDBRA2R010			G1	S1.1	1B.1

Scientific Name/Common Name	Element Code	Federal Status	State Status	GRank	SRank	CDFG or CNPS
73 <i>Tryonia imitator</i> mimic tryonia (=California brackishwater snail)	IMGASJ7040			G2G3	S2S3	
74 <i>Vulpes macrotis mutica</i> San Joaquin kit fox	AMAJA03041	Endangered	Threatened	G4T2T3	S2S3	