

**Sensitive Species
Occurring or Potentially Occurring
within the Los Angeles County SEAs**

VASCULAR PLANTS

Scientific Name	Common Name	Agency Listing Status	CNPS Listing Status	Preferred Habitat	Record
Angiosperms (Dicotyledons)					
Apiaceae		Carrot Family			
<i>Cymopterus deserticola</i>	desert cymopterus		1B	Joshua tree woodland, Mojavean desert scrub; loose, sandy soil in old dune areas.	Near Kramer junction (1991); Edwards AFB (1977, 1988); Rogers Lake S (1988)
<i>Perideridia pringlei</i>	adobe yampah		4	Chaparral, cismontane woodland, coastal scrub.	Recorded in N Los Angeles, Kern and Ventura Cos.; Potential where habitat occurs
Asteraceae		Sunflower Family			
<i>Baccharis p. plummerae</i>	Plummer's baccharis		4	Chaparral, broad-leaved upland forest, cismontane woodland, sage scrub; rocky areas.	Pepperdine Campus, Malibu
<i>Baccharis plummerae ssp. plummerae</i>			4	Chaparral, broad-leaved upland forest, cismontane woodland, sage scrub. Associated with rocky areas.	Potential where habitat occurs
<i>Brickellia nevinii</i>	Nevin's bricklebush		4	Chaparral, coastal sage scrub; steep slopes.	Potential where habitat occurs
<i>Centromadio parryi ssp. australis</i>	southern tarweed		1B	Coastal salt marsh (estuaries), valley and foothill grassland vernally mesic), vernal pools.	Altadena, near Los Angeles (1951)

Legend

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<i>Constancea nevinii</i>	Nevin's woolly sunflower		1B	Coastal bluff / sage scrub.	Record on bank near beach, Hamilton Cyn. (1931); Avalon (1960)
<i>Deinandra clementina</i>	island tarplant		4	Valley and foothill grasslands, coastal bluff scrub.	Reported at Little Harbor; Gallagher Cyn.; Cottonwood Cyn.; Blue Cavern Pt. near isthmus
<i>Deinandra minthornii</i>	Santa Susana tarplant	SR	1B	Sage scrub, chaparral.	South slope of Calabasas Peak (1985); upper end Corral Cyn. Rd. (1978); several additional localities
<i>Eriophyllum mohavense</i>	Barstow woolly sunflower		1B	Rises between sinks in xerophytic saltbush scrub.	Potential where habitat occurs
<i>Helianthus nuttallii ssp. parishii</i>	Los Angeles sunflower		1A	Marshes and swamps (coastal salt and freshwater).	Oak Knoll (1903)
<i>Hemizonia parryi ssp. australis</i>	southern tarweed		1B	Coastal salt marsh (estuaries), valley and foothill grassland vernally mesic), vernal pools.	Historic record from Topanga quad (1930)

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<i>Isocoma menziesii</i> var. <i>decumbens</i>	decumbent goldenbush		1B	Coastal sage scrub (sandy soils, often in disturbed areas).	Jewfish Pt.; Ben Weston Beach; Cottonwood Cyn. Beach; Little Harbor; Wrigley Reservoir; and Catalina Harbor
<i>Lasthenia glabrata</i> ssp. <i>coulteri</i>	Coulter goldfields		1B	Saline places: coastal salt marsh, playas, vernal pools in foothill/valley grassland.	Historic record (1935) in valley west of Coyote Hills
<i>Lasthenia glabrata</i> var. <i>coulteri</i>	Coulter's goldfields		1B	Coastal, marshes and swamps, playas, and vernal pools.	Potential where suitable habitat occurs
<i>Microseris douglasii</i> var. <i>platycarpa</i>	small-flowered microseris		4	Cismontane woodland, coastal scrub, valley and foothill grassland/clay.	Record Blue Cavern Pt.

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<i>Pentachaeta lyonii</i>	Lyon's pentachaeta	FE, SE	1B	Openings in chaparral, valley and foothill grasslands. Generally coastal habitats below 500 feet.	Known to occur in Santa Catalina N quad, Gallagher Cyn., and the isthmus; Stunt Ranch, S and W of Cold Creek (1989); Adjacent to Malibu Creek State Park, 0.5 mi. S of Mulholland Hwy. (1996); Saddle Rock Ranch, near Seminole Hot Springs (1963); several additional localities
<i>Senecio aphanactis</i>	rayless ragwort		2	Cismontane woodland, coastal scrub, drying alkaline flats.	Puddingstone Dam (1932); Potential where habitat occurs
<i>Senecio ganderi</i>	Gander's ragwort	SR	1B	Chaparral (burned areas, gabbroic outcrops).	Potential where habitat occurs
<i>Stylocline masonii</i>	Mason's neststraw		1B	Chenopod scrub, pinyon-juniper woodland, sandy washes.	Potential where habitat occurs
<i>Syntrichopappus lemmonii</i>	Lemmon's syntrichopappus		4	Chaparral, joshua tree woodland with sandy or gravelly soil.	Potential where habitat occurs

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Berberidaceae <i>Berberis nevinii</i>	Barberry Family Nevin's barberry	FE, SE	1B	Sage scrub, chaparral, cismontane woodland, riparian scrub; sandy or gravelly substrate.	100+ observed at San Francisquito Cyn. (1987); one mature plant seen 0.5 mi. N of San Francisquito powerhouse
Boraginaceae <i>Harpegonella palmeri</i>	Borage Family Palmer's grappling hook		4	Sage scrub; clay soils; below 2,500 feet.	Potential where habitat occurs
Brassicaceae <i>Caulanthus simulans</i>	Mustard Family Payson's jewelflower		4	Burned areas, streambeds, rocky, steep slopes and other disturbed sites, below 6,500 feet.	Potential where habitat occurs; Potential where habitat occurs
<i>Caulanthus stenocarpus</i>	slender-pod jewelflower	SR		Generally found after burns on dry, open slopes in chaparral between 1,000 and 3,000 ft.	Potential where habitat occurs
<i>Dithyrea maritima</i>	beach spectaclepod	ST	1B	Coastal dunes.	Historic record (1923); Beaches W of Santa Monica (1884)

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<i>Lepidium virginicum</i> var. <i>robinsonii</i>	Robinson's pepper grass		1B	Chaparral, coastal scrub.	Eastern Lovejoy Buttes (1948); Between Santa Anita Cyn. and Sierra Madre (1928); Tanbark Flats (1936)
<i>Rorippa gambelli</i>	Gambel's water cress	FE, ST	1B	Freshwater/brackish marsh.	Potential where habitat occurs
<i>Sibara filifolia</i>	Santa Cruz Island rock cress	FE	1B	Coastal scrub.	Historic record (1901), unknown locales
Cactaceae	Cactus Family				
<i>Bergerocactus emoryi</i>	golden-spined cereus		2	Closed-cone coniferous forest, chaparral, coastal scrub / sandy.	Reported in Santa Catalina N, S, W quads; the isthmus; Indian Head Pt.; and Salta Verde
<i>Opuntia basilaris</i> var. <i>brachyclada</i>	short-joint beavertail		1B	Chaparral, joshua tree woodland, Mojavean desert scrub, pinyon-juniper woodland, riparian woodland, sandy soil or coarse granitic loam.	Palmdale, SE of Pearblossom Hwy, S of the CA. Aqueduct (1989); Juniper Hills, NE of Little Rock Creek (1994); Mescal Creek, E slope of Table Mt. (1990); multiple additional records

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Campanulaceae <i>Nemacladus gracilis</i>	Bellflower Family slender nemacladus		4	Cismontane woodland, valley and foothill grassland.	Potential where habitat occurs
Caryophyllaceae <i>Loeflingia squarrosa</i> var. <i>sagebrush</i> <i>artemisiarum</i>	Pink Family sagebrush loeflingia		2	Great basin scrub, Sonoran desert scrub, desert dunes, sandy flats, sandy areas around clay slicks.	Potential where habitat occurs; Potential where habitat occurs
Cercocarpus <i>Cercocarpus betuloides blanchae</i> <i>Cercocarpus betuloides</i> spp. <i>blanchae</i>	Mountain-Mahogany Family island mountain-mahogany		4	Chaparral.	Occurs throughout Santa Monica Mts. Campus By The Sea; multiple records
<i>Cercocarpus traskiae</i>	Catalina Island mountain-mahogany	FE, SE	1B	Chaparral.	
Chenopodiaceae <i>Aphanisma blitoides</i>	Goosefoot Family aphanisma		1B	Coastal shrubland, bluffs, sand, <100m.	Record E side of Catalina Harbor near Ballast Pt. (1965); near Avalon (1901)

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<i>Atriplex coulteri</i>	Coulter's saltbush		1B	Coastal bluff scrub, coastal scrub, valley and foothill grassland.	Occurrences reported in N, S and W quads of island, recent record (1994); Coastal bluffs near Pt. Dume (1991)
<i>Atriplex pacifica</i>	south coast saltscale		1B	Coastal bluff scrub, coastal scrub, playas.	Record Middle Ranch Cyn. (1931); along road W of Cactus Peak (1971); Avalon (1901); lower Cottonwood Cyn. (1965)
<i>Atriplex parishii</i>	Parish's brittle scale		1B	Alkali meadows, vernal pools, chenopod scrub.	Beverly Hills and Topanga quads, exact date and location unknown
<i>Suaeda esteroa</i>	estuary seablite		4	Coastal bluff scrub, marshes and swamps (coastal salt).	Potential where suitable habitat occurs such as Malibu Lagoon
<i>Suaeda taxifolia</i>	wooly sea-blite		4	Coastal bluffs, margins of salt marshes.	Potential where habitat occurs
Cistaceae		Rock-Rose Family			
<i>Helianthemum greenei</i>	island rush-rose	FT	1B	Dry, rocky slopes, ridges, chaparral.	NE side of Black Jack Mtn. (1963)
Convolvulaceae		Morning-Glory Family			

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<i>Calystegia peirsonii</i>	Pierson's morning glory		4	Sage scrub, chenopod (saltbush) scrub, chaparral, cismontane woodland, lower montane coniferous forest, rocky slopes.	Potential where habitat occurs; Recorded along San Francisquito Cyn. Rd. (1982); recorded 1.2 mi from Charlie Peak on dirt rd. in Bitter Cyn.
<i>Convolvulus simulans</i>	small-flowered morning glory		4	Coastal scrub, valley and foothill grassland/clay, serpentinile seeps.	Historic record; Potential where habitat occurs
<i>Dichondra occidentalis</i>	western dichondra		4	Chaparral, Cismontane woodland, Coastal scrub, valley and foothill grasslands.	Avalon; Cottonwood Cyn.; and Salta Verde Cyn.
Crassulaceae Stonecrop Family					
<i>Dudleya b. blochmaniae</i>	Blochman's dudleya		1B	Coastal bluff scrub, coastal scrub, valley and foothill grassland/rocky, clay or serpentine.	Mouth of Winter Cyn., near Malibu Beach (1948); Pt. Dume area (1959)
<i>Dudleya cymosa ssp. aqourensis</i>	Agoura Hills dudleya	FT	1B	In rock crevices (usually volcanic) in chaparral and coastal scrub.	Cornell Corners (2000); West of Kanan Road near Castle View Drive (2000)

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<i>Dudleya cymosa ssp. crebrifolia</i>	San Gabriel River dudleya		1B	Chaparral.	Fish Cyn., from Gaging Station upstream to Large Falls (1986)
<i>Dudleya cymosa ssp. marcescens</i>	marcescent dudleya	FT, SR	1B	In rock crevices (usually volcanic) in chaparral.	Malibu Creek (1979); Rock Pool, Malibu Creek (1984); 1 mi. above Seminole Hot Springs (1979, 1982)
<i>Dudleya cymosa ssp. ovatifolia</i>	Santa Monica Mountains dudleya	FT	1B	In rock crevices (usually volcanic) in chaparral and coastal scrub.	Topanga Cyn. Blvd., S of Trippet Ranch (1994); E facing slope of Ladyface Mtn.; Malibu Cyn., along Malibu Cyn. Rd., 1.9 mi. N of PCH (1980); Topanga State Park (2003); Santa Monica Mtns. NRA (2000)

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<i>Dudleya densiflora</i>	San Gabriel Mountains dudleya		1B	Cliffs, cyn. walls in association with chaparral, coastal sage scrub. Succulent perennial.	Mouth of Fish Cyn. at the San Gabriel River (1986); Fish Cyn., about 1 mi. upstream to 1 mi. downstream of Large Falls (1989); Roberts Cyn. (1989); San Gabriel Cyn. (1989); near San Gabriel Dam (1985)
<i>Dudleya greenei</i>	Greene's dudleya		4	Coastal bluff scrub, chaparral, cismontane woodland, coastal scrub / volcanic cliffs.	Historic record
<i>Dudleya multicaulis</i>	many-stemmed dudleya		1B	California plant scrub, valley and foothill grassland; heavy clay soils or rock outcrops; below 2,000 ft..	Bonelli Regional Co. Park (1987 and 1982); recorded on Way Hill (1987); Many CNDDDB records throughout area
<i>Dudleya virens spp. virens</i>	bright green dudleya		1B	Chaparral, coastal bluff scrub, coastal sage scrub.	Hamilton Beach; vicinity of Avalon (1893); Little Harbor (1943)
Crossosomataceae	Crossosoma Family				

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<i>Crossosoma californicum</i>	Catalina crossosoma		1B	Dry, rocky slopes, coastal sage scrub, cyns. <500m.	Known to occur in Avalon Cyn. and at Pebbly Beach
Ericaceae	Heath Family				
<i>Arctostaphylos catalinae</i>	Santa Catalina Island manzanita		1B	Chaparral between 650 and 3,000 feet.	Near Gallagher Cyn. along roadside from Avalon (1965); ridgetops of Gallagher Cyn. (1994); Middle Ranch Cyn. (1970); NE slope of Black Jack Mt. (1966)
<i>Arctostaphylos gabrielensis</i>	San Gabriel manzanita		1B	Chaparral.	Potential where habitat occurs in San Gabriel Mts.
<i>Arctostaphylos peninsularis ssp. peninsularis</i>	peninsula manzanita		2	Chaparral between 650 and 3,000 ft.	Potential where habitat occurs
Euphorbiaceae	Spurge Family				
<i>Euphorbia misera</i>	cliff spurge		2	Coastal bluff / sage scrub, rocky soils.	Record 0.3 mi. NE of Little Harbor (1993)
Fabaceae	Legume Family				

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VASCULAR PLANTS

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<i>Astragalus brauntonii</i>	Braunton's milk-vetch	FE	1B	Sage scrub, chaparral, valley and foothill grassland, closed cone coniferous forest; limestone endemic, carbonate soils, recent burns and disturbed areas.	Monrovia, about 0.5 mi. N of Hillcrest Blvd at Myrtle Ave. (1986); S of Clamshell Cyn., N of Monrovia (1998); along lower Clamshell Motorway E of debris basin (1996); 2 plants seen along dirt rd. in Dayton Cyn., W of intersection of March Ave. and Justice (1989)
<i>Astragalus lentiginosus</i> var. <i>antonius</i>	San Antonio milk-vetch		1B	Lower montane coniferous forest, upper montane coniferous forest, dry slopes in yellow pine forest.	Swarthout Valley (1924); Pinon Ridge (1927)
<i>Astragalus leucolobus</i>	Big Bear valley woollypod		1B	Lower and upper montane coniferous forest, pebble plain, pinyon juniper woodland.	Table Mt. (1992); E end of Table Mt. (1987); confluence of Mescal Creek and Cedar Cyn. (1987)

Legend

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<i>Astragalus pachypus var. jaegeri</i>	Jaeger's milk-vetch		1B	Chaparral, coastal scrub, valley and foothill grasslands/sandy or rocky, and cismontane woodland.	Potential where habitat occurs
<i>Astragalus preussi var. laxiflorus</i>	Lancaster milk-vetch		1B	Chenopod scrub, alkaline clay flats or gravelly or sandy washes and along draws in gullied badlands.	Lancaster (1902); Potential where habitat occurs
<i>Lotus dendroideus var. dendroideus</i>	island broom		4	Coastal bluff / sage scrub, Valley and foothill grasslands.	Gallagher Cyn.; Avalon
<i>Lotus nuttallianus</i>	Nuttall's lotus		1B	Chaparral and buckwheat communities.	Unconfirmed record in sandy areas of chaparral and buckwheat scrub near convergence of Soledad and Agua Dulce Cyns.
<i>Lupinus peirsonii</i>	Peirson's lupine		1B	Joshua tree woodland, pinyon- juniper woodland, upper montane coniferous forest.	Potential where habitat occurs
<i>Quercus engelmannii</i>	Engelmann oak		4	Chaparral, cismontane woodland (below 4,000 feet), riparian woodland, valley and foothill grassland.	Bulrush Cyn.

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<i>Quercus tomentella</i>	island oak		4	Chaparral, cismontane wood-land, closed-cone coniferous forest, riparian woodland.	Gallagher Cyn.; Pebbly Beach; and Mt. Orizaba; common
<i>Trifolium gracilentum</i> <i>var. palmeri</i>	southern island clover		4	Coastal bluff scrub, valley and foothill grasslands.	Potential where habitat occurs
Geraniaceae <i>Erodium macrophyllum</i>	Geranium Family round-leaved filaree		2	Clay soils in valley and foothill grasses.	Tejon Ranch
Grossulariaceae <i>Ribes divaricatus</i> <i>var. parishii</i>	Gooseberry Family Parish's gooseberry		1B	Willow thickets, coastal sage scrub, riparian woodland. Perennial shrub.	San Gabriel River at Whittier Narrows (1980); 0.5 mi. W of Peck Rd. (1979); Potential where habitat occurs
<i>Ribes viburnifolium</i>	Santa Catalina Island currant		1B	Chaparral.	Pebble Beach; Avalon; Swains Cyn.; Gallagher Cyn.; Bulrush Cyn.; and other locations
Hydrophyllaceae <i>Nama stenocarpum</i>	Waterleaf Family mud nama		2	Marshes and swamps.	Historic record in Santa Monica, Topanga quad (1889)

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<i>Phacelia stellaris</i>	Brand's phacelia		1B	Sage scrub, coastal dunes.	San Gabriel River 2 mi. E of El Monte (1935); known to occur in area of Downey (1959)
<i>Phacelia suaveolens ssp. keckii</i>	Santiago peak phacelia		1B	Chaparral, closed-cone coniferous forests.	Potential where habitat occurs
Juglandaceae	Walnut Family				
<i>Juglans californica var. californica</i>	Southern California black walnut		4	Sage scrub, chaparral, in association with oaks/oak woodland; frequently found on steep hillsides with northern exposures; deep alluvial soils.	Base of San Gabriel foothills, Los Pinetos Springs (1999)
Lamiaceae	Mint Family				
<i>Acanthomintha obovata ssp. cordata</i>	heart-leaved thorn mint		4	Chaparral, valley and foothill grassland/heavy clay alkaline serpentine.	Potential where habitat occurs; Potential where suitable habitat occurs
<i>Lepechinia cardiophylla</i>	heart-leaved pitcher sage		1B	Open areas (especially slopes) in chaparral, sage scrub, valley and foothill grasslands; vernal pools, topographic depressions; heavy clay soils; below 2,700 feet.	Potential where habitat occurs

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<i>Lepechinia fragrans</i>	fragrant pitcher sage		4	Chaparral below 3,000 ft. perennial herb.	Potential where habitat occurs; Scattered throughout upper portion of Santa Monica Mts.
<i>Monardella hypoleuca ssp. lanata</i>	felt-leaved monardella		1B	Chaparral between 980 and 3,280 feet.	Potential where habitat occurs; Potential where habitat occurs
<i>Monardella macrantha ssp. hallii</i>	Hall's monardella		1B	Broadleaved upland forest, chaparral, lower montane coniferous forest, cismontane woodland, valley and foothill grassland, dry slopes and ridges with openings.	Sunset Ridge Rd., NW of Spruce Cyn. and ~1.5 mi. S of Sunset Peak (1991)
<i>Monardella viridis ssp. saxicola</i>	rock monardella		4	Dry rock places in chaparral, yellow pine forest, 1,700-6,000 ft. perennial herb.	Potential where habitat occurs
<i>Navarretia fossalis</i>	spreading navarretia	FT	1B	Chenopod scrub, shallow freshwater marshes, vernal pools.	Cruzan Mesa; 0.3 mi. S of S end of landing strip at Cruzan Mesa (1993)

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<i>Scutellaria bolanderi</i> <i>ssp. austromontana</i>	southern skullcap		1B	Chaparral, cismontane woodland, lower montane coniferous forest; elevation approximately 300 feet.	El Monte, San Gabriel Valley (1932); Potential where habitat occurs
Malvaceae Mallo Family					
<i>Chorizanthe parryi</i> var. <i>fernandina</i>	San Fernando Valley spineflower	FPE, SE	1B	Coastal scrub, sandy soils.	Recent record just outside SEA in Simi Hills
<i>Lavatera assurgentiflora</i> ssp. <i>glabra</i>	southern island mallow		1B	Coastal bluff scrub.	Bird Rock, Isthmus Harbor (1966); Indian Rock, Emerald Bay (1962); near mouth of Hamilton Cyn. (1965); Avalon Terrace (1962)
<i>Malacothamnus davidsonii</i>	Davidson's bush mallow		1B	Sage scrub, chaparral, riparian woodland.	Potential where habitat occurs
<i>Polygala cornuta</i> var. <i>fishiae</i>	Fish's milkwort		4	Shaded rocky places in cyns with cismontane and riparian woodlands, and chaparral between 650 and 3,000 feet.	Potential where suitable habitat occurs

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<i>Sidalcea neomexicana</i>	Salt spring checkerbloom		2	Alkali playas, brackish marshes, chaparral, coastal scrub, lower montane coniferous forest, desert scrub.	Historic record, Claremont, Ontario Quad (1909); Claremont (1909); Historic record in Santa Monica, Beverly Hills and Topanga quads (no date)
Nyctaginaceae	Four O’Clock Family				
<i>Abronia maritima</i>	red sand-verbena		4	Coastal dunes <100m.	Potential where habitat occurs
Orobanchaceae	Broom-Rape Family				
<i>Orobanche parishii ssp. brachyloba</i>	short-lobed broom-rape		4	Sandy soils near ocean.	Ben Weston Beach (1965)
<i>Orobanche valida ssp. valida</i>	Rock Creek broomrape		1B	Chaparral, pinyon-juniper woodland; slopes of loose, decomposed granite; parasitic on chaparral shrubs.	Near S Fork Campground and Islip Saddle (1992); W ridge of Lookout Mtn., NE of Mt. Baldy station (1979)
Papaveraceae	Poppy Family				
<i>Canbya candida</i>	pigmy poppy		4	Joshua tree woodland, Mojave desert scrub, sandy places.	Pinon Hills (1986); Lancaster; Edwards AFB (1965)

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<i>Dendromecon harfordii</i> <i>var. rhamnoides</i>	island tree poppy		1B	Chaparral, cismontane woodland, coastal sage scrub.	Blackjack Mtn. (1978); Renton Mine; several known to occur between Cherry Valley and Johnson's Landing
<i>Eschscholzia minutiflora</i> <i>ssp. twisselmannii</i>	red rock poppy		1B	Mojave desert scrub.	Edwards AFB (1977)
<i>Eschscholzia ramosa</i>	island poppy		4	Chaparral, coastal bluff scrub.	Potential where habitat occurs
Polemoniaceae	Phlox Family				
<i>Gilia nevinii</i>	Nevin's gilia		4	Coastal bluff scrub, valley and foothill grasslands.	Potential where habitat occurs
<i>Linanthus concinnus</i>	San Gabriel linanthus		1B	Lower and upper montane coniferous forest, jeffrey pine/cyn. oak forest.	Vincent Gulch (1923); Punchbowl Cyn. (1992)
<i>Navarretia fossalis</i>	spreading navarretia	FT	1B	Chenopod scrub, shallow freshwater marshes, vernal pools.	Newhall area within vernal pools (1995-96)
<i>Navarretia peninsularis</i>	Baja navarretia		1B	Chaparral, lower montane coniferous forests.	Gorman Ranch
Polygonaceae	Buckwheat Family				
<i>Chorizanthe parryi</i> var. <i>fernandina</i>	San Fernando Valley spineflower	FPE, SE	1B	Coastal scrub, sandy soils.	Elizabeth Lake (1929); collected near Castaic Lake (1929)

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<i>Chorizanthe parryi</i> var. <i>parryi</i>	Parry's spineflower		3	Openings/clearings in coastal or desert sage scrub, chaparral or interface; dry slopes or flat ground; sandy soils.	Historical record in Lancaster (1896); Historic record in general vicinity of Lancaster (1896)
<i>Chorizanthe procumbens</i>	prostrate spineflower		4	Clearings in sage scrub and chaparral and pinyon-juniper woodland on gabbro, clay and granitic soils.	Potential where habitat occurs
<i>Chorizanthe spinosa</i>	Mojave spineflower		4	Chenopod scrub, Mojavean desert scrub	Edwards AFB
<i>Dodecahema leptoceras</i>	slender-horned spineflower	FE, SE	1B	Alluvial sage scrub vegetation on sandy flood-deposited rivers and washes.	Rubio Wash, Altadena (1920); Santa Anita Wash, S base of San Gabriel Mts. (1920); W fork San Gabriel River (1921)
<i>Eriogonum grande</i> var. <i>grande</i>	island buckwheat		4	Coastal bluff scrub, succulent scrub.	Gallagher Cyn.; Hamilton Cyn.; Pebbly Beach; Little Harbor; Cherry Valley
<i>Eriogonum microthecum</i> var. <i>johnstonii</i>	Johnston's buckwheat		1B	Subalpine coniferous forest, upper montane coniferous forest.	Upper end of Mescal Creek, along NW slope

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<i>Goodmania luteola</i>	yellow spiny cape		4	Salt crusted sand dunes in halophytic saltbrush scrub.	Edwards AFB; western Mojave Desert
<i>Mucronea californica</i>	California spineflower		4	Chaparral, cismontane woodland, coastal dunes, coastal scrub, valley and foothill grassland.	Potential where habitat occurs
<i>Nemacaulis denudata</i> <i>var. denudata</i>	coast woolly-heads		1B	Coastal dunes.	Potential where habitat occurs
Portulacaceae	Purslane Family				
<i>Calandrinia breweri</i>	Brewer's calandrinia		4	Chaparral, coastal scrub/ disturbed sites, burns.	Potential where habitat occurs
<i>Calandrinia maritima</i>	seaside calandrinia		4	Coastal bluff scrub, valley and foothill grassland.	Little Harbor
Primulaceae	Primrose Family				
<i>Adrosace elongata ssp. acuta</i>	California androsace		4	Chaparral, cismontane woodland, coastal scrub.	Potential where habitat occurs; Potential where habitat occurs
Ranunculaceae	Buttercup Family				
<i>Delphinium parryi ssp. blochmaniae</i>	dune larkspur		1B	Chaparral, coastal dunes.	Potential where habitat occurs
<i>Myosurus minimus ssp. apus</i>	little mousetail		3	Vernal pools (alkaline).	Potential where habitat occurs; Potential where habitat occurs
Rosaceae	Rose Family				

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<i>Lyonothamnus floribundus ssp. floribundus</i>	Santa Catalina Island ironwood		1B	Broadleafed upland forest, cismontane woodland, chaparral.	Near Sullivan's Beach (1980); Black Jack Mtn. (1980); Gallagher Cyn.; Swains Cyn.; Cherry Valley
Rubiaceae	Madder Family				
<i>Galium catalinense ssp. catalinense</i>	Santa Catalina Island bedstraw		1B	Chaparral, coastal scrub.	Reported in Gallagher Cyn., Middle Ranch, Cottonwood Cyn., the Isthmus and Little Harbor
<i>Galium cliftonsmithii</i>	Santa Barbara bedstraw		4	Cismontane woodlands.	Potential where suitable habitat occurs
<i>Galium grande</i>	San Gabriel bedstraw		1B	Cismontane woodland, chaparral, broad-leafed upland forest, lower montane coniferous forest and open chaparral.	Oak forest. rocky slopes Record S of Elizabeth Lake guard station, NE of Castaic (1979)
<i>Galium nuttallii ssp. insulare</i>	Nuttall's island bedstraw		4	Cismontane woodland, chaparral, lower montane coniferous forest,	Potential where habitat occurs
Saxifragaceae	Saxifrage Family				
<i>Boykinia rotundifolia</i>	round-leaved boykinia		4	Chaparral, riparian woodland, streambanks.	Potential where habitat occurs

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<i>Jepsonia malvifolia</i>	island jepsonia		4	Coastal sage scrub.	Avalon; Blue Cavern Pt.; Cherry Valley
Scrophulariaceae Figwort Family					
<i>Castilleja gleasonii</i>	Mount Gleason Indian paintbrush	FSC, SR	1B	Lower montane coniferous forest, open flats or slopes with granitic soil, restricted to San Gabriel Mts.	Potential where habitat occurs
<i>Castilleja montigena</i>	Heckard's Indian paintbrush		4	Lower and upper montane coniferous forest, pinyon-juniper woodland.	Potential where habitat occurs
<i>Castilleja plagiotoma</i>	Mojave Indian paintbrush		4	Great Basin scrub (alluvial), pinyon-juniper woodland.	Potential where habitat occurs
<i>Cordylanthus maritimus maritimus</i>	salt marsh bird's beak	FE, SE	1B	Coastal dunes, salt marsh.	Vicinity of Santa Monica, Topanga and Beverly Hills quad (1882)
<i>Fremontodendron mexicanum</i>	Mexican flannelbrush	FE, SR	1B	Closed-cone coniferous forest, chaparral, cismontane woodland, creeks or dry canyons, gabbro soils.	Potential where habitat occurs
<i>Galvezia speciosa</i>	island snapdragon		1B	Coastal scrub.	White's Landing (1966); Moonstone Cove (1966); W of Pebbly Beach (1924); Swains Cyn. (1952); Blue Cavern Pt. (1970)

Legend

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**Sensitive Species
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VASCULAR PLANTS

Scientific Name	Common Name	Agency Listing Status	CNPS Listing Status	Preferred Habitat	Record
<i>Mimulus traskiae</i>	Santa Catalina Island monkeyflower		1A	Coastal scrub, shade.	Near Avalon (1904)
<i>Scrophularia villosa</i>	Santa Catalina figwort		1B	Coastal scrub, chaparral.	Near USC Marine Sciences Station (1968); Cherry Valley (1978); near Black Jack Mt; near Empire Landing; multiple additional records
Solanaceae		Nightshade Family			
<i>Lycium brevipes</i> var. <i>hassei</i>	Santa Catalina Island desert-thorn		1B	Coastal bluff / sage scrub.	Avalon (1973)
<i>Solanum wallacei</i>	Wallace's nightshade		1B	Chaparral, cismontane woodland/rocky.	Potential where habitat occurs
Angiosperms (Monocotyledons)					
Juncaceae		Rush Family			
<i>Juncus acutus</i> var. <i>leopoldii</i>	southwestern spiny rush		4	Coastal dunes (mesic), meadows (alkali seeps), marshes and swamps (coastal salt).	Potential where habitat occurs; Potential where suitable habitat occurs
Liliaceae		Lily Family			
<i>Brodiaea filifolia</i>	thread-leaved brodiaea	FT, SE	1B	Sage scrub, valley/foothill grassland, cismontane woodland; vernal pools (clay soils).	Potential where habitat occurs; Potential where habitat occurs

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<i>Brodiaea orcuttii</i>	Orcutt's brodiaea		1B	Chaparral, valley/foothill grassland, cismontane woodland; wet meadows/seeps, vernal pools (clay soils); sometimes associated with serpentinite substrate.	Potential where habitat occurs
<i>Calochortus catalinae</i>	Catalina mariposa lily		4	Openings in chaparral, valley and foothill grassland, cismontane woodland; heavy soils.	Potential where habitat occurs; Potential where habitat occurs
<i>Calochortus clavatus</i> <i>var. clavatus</i>	club-haired mariposa lily		4	Coastal sage scrub, clayish flats and slopes.	Cruzan Mesa; Common on Golden Valley Ranch property
<i>Calochortus clavatus</i> <i>var. gracilis</i>	slender mariposa lily		1B	Chaparral, especially in foothill cyns.; generally found in shade.	Potential where habitat occurs; Potential where habitat occurs
<i>Calochortus palmeri</i> <i>var. palmeri</i>	Palmer's mariposa lily		1B	Meadows, vernal moist places in chaparral and yellow pine forest at elevation from 3,500 to 6,500 ft.	Potential where habitat occurs
<i>Calochortus plummerae</i>	Plummer's mariposa lily		1B	Sage scrub, valley and foothill grassland, yellow pine forest; dry, rocky or sandy sites, granitic or alluvial soil; to 4,800 feet.	Potential where habitat occurs; Live Oak Cyn., Claremont (1928); along Mills Ave, Claremont (1937)

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<i>Calochortus striatus</i>	alkali mariposa lily		1B	Chaparral, chenopod scrub, Mojavean desert scrub, meadows, alkaline meadows, and ephemeral washes.	Edwards AFB (1980, 88); Rogers Lake S (1978); near Antelope Valley College (1988)
<i>Calochortus weedii</i> var. <i>intermedius</i>	intermediate mariposa lily		1B	Chaparral, coastal scrub, valley and foothill grasslands.	Elephant Hill (1991); on summit of hill near Rancho Santa Ana Botanic Garden (1927); Elephant Hill in western Pomona, near bldg. of Rancho Santa Ana Botanic Garden
<i>Lilium humboldtii</i> ssp. <i>ocellatum</i>	ocellated Humboldt lily		4	Openings in chaparral, cismontane woodland, lower montane coniferous forest, below 5,500 feet.	Potential where habitat occurs; Potential where habitat occurs
<i>Lilium parryi</i>	lemon lily		1B	Lower and upper montane coniferous forest, meadows and seeps, riparian forest, shady edges of streams.	USGS 7.5' Mt. Baldy quadrangle, location info suppressed by CNDDB (1993)
<i>Muilla coronata</i>	crowned muilla		4	Joshua tree woodland, Mojavean desert scrub, pinyon-juniper woodland.	Potential where habitat occurs
Poaceae	Grass Family				

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<i>Calamagrostis densa</i>	dense reedgrass	FSC	1B	On dry hills in chaparral and coniferous forests on gabbroic soils and disturbed sites between 1,300 and 4,000 ft.	Potential where habitat occurs
<i>Dissanthelium californicum</i>	California dissanthelium		1A	Coastal Sage Scrub.	Historic collection (1848)
<i>Hordeum intercedens</i>	vernal barley		3	Vernal pools, valley and foothill grasslands (saline flats and depressions).	Potential where habitat occurs
<i>Muhlenbergia californica</i>	California muhly		4	Coastal sage, chaparral, lower montane coniferous forest, meadows near streams or seeps.	Big Rock Creek, N of Mt. Baden-Powell (1951); S fork Big Rock Creek (1933); Growing along creek under trees near Red Hill (1916)
<i>Orcuttia californica</i>	California Orcutt grass	FE, SE	1B	Vernal pools.	Cruzan Mesa, historic and recent records (no dates)
<i>Puccinellia parishii</i>	Parish's alkali grass		1B	Meadows and seeps; alkali springs and seeps in deserts.	lakebed (1992)

Ferns and Fern Allies

Ophioglossaceae Adder's-tongue Family

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<i>Botrychium crenulatum</i>	scalloped moonwort		2	Bogs and fens, lower montane coniferous forest, meadows, freshwater marshes and swamps.	Potential where habitat occurs
Thelypteridaceae Thelypteris Family					
<i>Thelypteris puberula</i> var. <i>sonorensis</i>	Sonoran maiden fern		2	Meadows and seeps.	Monrovia Cyn. (1967); Roberts Cyn. (1931); Santa Anita Cyn.

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VERTEBRATES

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Amphibians				
Bufo				
Bufo californicus				
<i>Bufo californicus</i>	arroyo toad	FE, CSC, SP	Washes/streams, sandy banks, adjacent willows, cottonwoods or sycamores; riparian habitats of semi-arid areas, small cobbly streambeds.	Near confluence of Little Rock Creek and Santiago Cyn. Creek (1996); Little Rock Creek above reservoir, (2000, 2001)
Pelobatidae				
Spadefoot Toad Family				
<i>Spea hammondi</i>	western spadefoot	FSC, CSC, SP	Open areas in lowland grasslands, chaparral, and pine-oak woodlands, areas of sandy or gravelly soil in alluvial fans, washes, and floodplains.	Cruzan Mesa and Plum Cyn. vernal pools
Plethodontidae				
Lungless Salamander Family				
<i>Batrachoseps stebbinsi</i>	Tehachapi slender salamander	ST	N-facing slopes in valley-foothill hardwood conifer and valley-foothill riparian.	Potential where habitat occurs on Tehachapi slopes
<i>Ensatina eschscholtzi croceator</i>	yellow-blotched salamander	CSC	Coniferous habitats, montane hardwood habitats, and mixed chaparral.	Kings Cyn. (No Date)
Ranidae				
True Frog Family				
<i>Rana aurora draytonii</i>	California red-legged frog	FT, CSC, SP	Humid forests, woodlands, grasslands and streamsides, especially where cattails and other plants provide good cover.	4 adults recorded along Ritter Ridge, 9 mi. W of Palmdale (1995)

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<i>Rana boylei</i>	foothill yellow-legged frog	CSC	Stream, river of woodland, chaparral and forest.	Potential where habitat occurs
<i>Rana muscosa</i>	mountain yellow-legged frog	FE, CSC	Sunny riverbanks, meadows, streams, isolated pools, lake borders.	Potential where habitat occurs
Salamandridae	Newt Family			
<i>Taricha torosa torosa</i>	coast range newt	CSC	Moist woodlands.	Potential where habitat occurs
Birds				
Accipitridae	Hawks, Kites, Harriers and Eagle Family			
<i>Accipiter cooperi</i>	Cooper's hawk	CSC	Open woodlands especially riparian woodland.	Palmdale (1921); Edwards AFB (Piute Ponds and near Haystack Butte)
<i>Accipiter gentilis</i>	northern goshawk	CSC	Prefers middle and higher elevations and mature, dense coniferous forests.	Potential where habitat occurs
<i>Accipiter striatus</i>	sharp-shinned hawk	CSC	Woodlands; forages over chaparral and other scrublands; prefers riparian habitats and N-facing slopes, with plucking perch sites.	Edwards AFB
<i>Aquila chrysaetos</i>	golden eagle	CSC, SFP	Mts., deserts, and open country; prefer to forage over grasslands, deserts, savannahs and early successional stages of forest and shrub habitats.	(roosting on Piute Ponds)

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<i>Buteo regalis</i>	ferruginous hawk	CSC	Rivers, lakes, and coasts; Edwards AFB open tracts of sparse shrubs and grasslands, and agricultural areas during winter.	
<i>Buteo swainsoni</i>	Swainson's hawk	ST	Plains, ranges, open hills, sparse trees.	E of Lancaster, junction of Ave. K and E 130th St. (1979)
<i>Circus cyaneus</i>	northern harrier	CSC	Coastal salt marshes, freshwater marshes, grasslands, and agricultural fields; occasionally forages over open desert and brushlands.	Edwards AFB (Piute Ponds)
<i>Elanus leucurus</i>	white-tailed kite	SFP	Grasslands with scattered trees, near marshes, along highways.	Cruzan Mesa (1998)
<i>Empidonax traillii extimus</i>	southwestern willow flycatcher	FE	Low elevational sites: Riparian woodlands that contain water and low growing willow thickets. High elevational sites: Large, flat, wet meadows that contain patches of willow trees.	Potential where habitat occurs
<i>Haliaeetus leucocephalus</i>	bald eagle	FT, FPD, CSC, SE	Lakes, reservoirs, rivers, offshore islands, and some rangelands and coastal wetlands in Southern California.	Edwards AFB (Piute Ponds)
<i>Pandion haliaetus</i>	osprey	CSC	Rivers, lakes, and coasts, mixed conifer.	Edwards AFB

Alaudidae Lark Family

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<i>Eremophila alpestris actia</i>	California horned lark	CSC	Open habitats, grasslands along the coast, deserts near sea level to alpine dwarf shrub habitat, uncommon in coniferous and chaparral habitats.	Edwards AFB
		CSC	Open habitats, grasslands along the coast, deserts near sea level to alpine dwarf shrub habitat, uncommonly in coniferous and chaparral habitats.	Historical sightings in Bonelli Park
Apodidae	Swift Family			
<i>Chaetura vauxi</i>	Vaux's swift	CSC	Redwood and douglas fir habitats.	Edwards AFB
<i>Cypseloides niger</i>	black swift	CSC	Steep, rocky, often moist cliffs and crevice or caves on sea cliffs, deep cyps.	Sturtevant Falls, Santa Anita Cyn. (1986); Wolfskill Falls, near Mt. Baldy (1986).
Ardeidae	Heron Family			
<i>Ixobrychus exilis</i>	least bittern	CSC	Emergent wetlands of cattails and tules.	Potential where habitat occurs
Cathartidae	New World Vulture Family			
<i>Gymnogyps californianus</i>	California condor	FE, SE, SFP	Montane and foothill regions; vast expanses of open savannah, grasslands, and chaparral, with cliffs, large trees, and snags.	Record of nesting, roosting on Red Rock Mtn. (1976), just S of the SEA
Charadriidae	Plover Family			

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<i>Charadrius alexandrinus nivosus</i>	western snowy plover	FT, CSC	Beaches and sandy flats.	Rosamond Lake, Edwards AFB (1978)
<i>Charadrius montanus</i>	mountain plover	CSC	Short grasslands to plowed fields, foothill valleys and sagebrush areas; open plains with low, herbaceous or scattered shrub vegetation.	Edwards AFB
Cuculidae		Cuckoos & Roadrunner Family		
<i>Coccyzus americanus occidentalis</i>	western yellow-billed cuckoo	FPE, SE	Riverine woodlands, thickets, and farms.	Artesia (1977); historic record (1951) on San Gabriel River near El Monte
Emberizidae		Wood Warblers, Tanagers, Buntings, and Blackbird Family		
<i>Agelaius tricolor</i>	tri-colored blackbird	CSC	Freshwater marshes and riparian scrub.	Rosamond Lake quad (1992), specific location info suppressed by CNDDB; Edwards AFB
<i>Aimophila ruficeps canescens</i>	Southern California (ashy) rufous-crowned sparrow	CSC	Generally, steep, rocky areas within coastal sage scrub and chaparral, often with scattered bunches of grass; prefers relatively recently burned areas.	Common throughout SEA
<i>Amphispiza b. belli</i>	Bell's sage sparrow	CSC	Dense, dry chamise chaparral and coastal slopes of coastal sage scrub.	Potential where habitat occurs

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<i>Amphispiza belli</i>	Bell's sparrow	CSC	Dense, dry chamise chaparral and coastal slopes of coastal sage scrub.	Plum Cyn. (1998)
<i>Dendroica petechia brewsteri</i>	yellow warbler	CSC	Sparse to dense woodland and forest habitats with or without heavy brush understory.	Potential where habitat occurs
<i>Icteria virens</i>	yellow-breasted chat	CSC	Riparian woodlands with a thick understory.	Bonelli Park (1994)
<i>Vermivora virginiae</i>	Virginia's warbler	CSC	Arid, shrubby, mixed conifer, pinyon-juniper, montane chaparral.	Potential as migrant
Falconidae	Falcon Family			
<i>Falco columbarius</i>	merlin	CSC	Coastlines, wetlands, woodlands, agricultural fields, and grasslands.	Edwards AFB
<i>Falco mexicanus</i>	prairie falcon	CSC	Grasslands, savannahs, rangeland, agricultural fields, and desert scrub; often uses sheltered cliff ledges for cover.	Observed in Hi Vista and Lovejoy Buttes quadrangles (1978) and Valyermo quadrangle (1977, 80, 83), specific location info suppressed by CNDDDB.
<i>Falco peregrinus anatum</i>	American peregrine falcon	SE, SFP, FORMERLY FE	Coastal estuaries, open country, cliffs to coasts.	Edwards AFB (Piute Ponds) Federally delisted Aug. 1999
Gaviidae	Loon Family			
<i>Gavia immer</i>	common loon	CSC	Coasts, bays, lakes, rivers, and seas.	Near Camp Cherry Valley area in waters immediately offshore.
Hirundinidae	Swallow Family			

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<i>Progne subis</i>	purple martin	CSC	Towns, farms, open or semi-open country.	Historic record in Monrovia (1973)
<i>Riparia riparia</i>	bank swallow	ST	Marshes, ponds, and agricultural fields; frequently over open water.	Piute Ponds, Edwards AFB
Laniidae	Shrike Family			
<i>Lanius ludovicianus</i>	loggerhead shrike	CSC	Open habitats with scattered shrubs, trees, posts, fences, utility lines, or other perches.	Edwards AFB
Laridae	Gulls and Tern Family			
<i>Chidonias niger</i>	black tern	CSC	Fresh emergent wetlands, lakes, ponds, moist grasslands, and agricultural fields.	Edwards AFB
<i>Larus californicus</i>	California gull	CSC	Seacoasts, lakes, farms, and urban centers.	Edwards AFB
<i>Sterna antillarum browni</i>	California least tern	FE, SE, SFP	Sea beaches, bays, large rivers, bars.	Potential where suitable habitat occurs
Mimidae	Thrashers			
<i>Toxostoma crissale</i>	Crissal thrasher	CSC	Dense thickets in desert riparian and desert wash habitats.	Potential where habitat occurs
<i>Toxostoma lecontei</i>	Le Conte's thrasher	CSC	Open desert wash, desert scrub, alkali desert scrub, and desert succulent scrub, nests in dense, spiny shrub or cactus in desert wash habitat.	Edwards AFB
Muscicapidae	Kinglets, Gnatcatchers, Thrushes, and Babbler Family			

Legend

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**Sensitive Species
Occurring Or Potentially Occurring
Within the Los Angeles County SEAs**

VERTEBRATES

Scientific Name	Common Name	Agency Listing Status	Preferred Habitat	Record
<i>Lanius ludovicianus</i>	loggerhead shrike	CSC	Open habitats with scattered shrubs, trees, posts, fences, utility lines, or other perches.	Plum Cyn. (1999)
<i>Polioptila californica californica</i>	California gnatcatcher	FT, CSC	Coastal sage scrub vegetation below 2,500 feet elevation in Riverside County and generally below 1,000 feet elevation along the coastal slope; generally avoids steep slopes and dense vegetation for nesting.	Plum Cyn. (1999); historic nesting in Mint Cyn.
Pelecanidae	Pelican Family			
<i>Pelecanus erythrorhynchos</i>	American white pelican	CSC	Large lakes.	Edwards AFB
<i>Pelecanus occidentalis californicus</i>	California brown pelican	FE, SE, SFP	Coastal, salt bays, ocean and beaches.	Potential where habitat occurs
<i>Phalacrocorax auritus</i>	double-crested cormorant	CSC	Coasts, bays, lakes, and rivers.	Potential where habitat occurs
Phalacrocoracidae	Cormorant Family			
		CSC	Coasts, bays, lakes, and rivers.	Edwards AFB
Rallidae	Rails, Coots and Gallinule Family			
<i>Rallus longirostris levipes</i>	light-footed clapper rail	FE, SE, SFP	Salt marshes and brackish marshes.	Potential where suitable habitat occurs
Strigidae	True Owl Family			
<i>Asio flammeus</i>	short-eared owl	CSC	Prairies, marshes (fresh and salt) dunes, tundra.	Edwards AFB
<i>Asio otus</i>	long-eared owl	CSC	Riparian and live oak woodlands.	Edwards AFB (Haystack Butte, Mesquite woodlands)

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<i>Athene cunicularia hypugea</i>	burrowing owl	CSC	Dry grasslands, desert habitats, open pinyon-juniper, and ponderosa pine woodlands below 5,300 feet; berms, ditches, and grasslands adjacent to rivers, agricultural, and scrub areas.	Edwards AFB
<i>Strix occidentalis occidentalis</i>	California spotted owl	CSC	Oak and oak-conifer habitats.	Potential where habitat occurs
Threskiornithidae	Ibises and Spoonbill Family			
<i>Plegadis chihi</i>	white-faced ibis	ST	Fresh emergent wetland, shallow lacustrine waters, wet meadows, irrigated or flooded pastures and cropland.	Edwards AFB
Troglodytidae	Wren Family			
<i>Campylorhynchus brunneicapillus sandiegensis</i>	coastal cactus wren	CSC	Coastal sage scrub, vegetation with thickets of prickly pear or cholla cactus.	Potential where habitat occurs
Tyrannidae	Tyrant Flycatcher Family			
<i>Empidonax traillii</i>	willow flycatcher	SE	Wet meadow and montane riparian habitats, river valleys and large mt. meadows.	Edwards AFB
<i>Pyrocephalus rubinus</i>	Vermilion flycatcher	CSC	Cottonwood-willow woodland and riparian scrub.	Potential where habitat occurs
Vireonidae	Vireo Family			

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<i>Vireo bellii pusillus</i>	least Bell's vireo	FE, SE	Perennial and intermittent streams with low, dense riparian scrub and riparian woodland habitats below 2,000 feet elevation; nests primarily in willows and forages in the riparian and occasionally in adjoining upland habitats. Associated with willow, cot	Potential where habitat occurs
<i>Vireo vicinior</i>	gray vireo	CSC	Pinyon-juniper, juniper, chamise-redshank chaparral.	Little Rock Creek
Fish				
Catostomidae		Sucker Family		
<i>Catostomus santaanae</i>	Santa Ana sucker	FT	Sand, rubble, boulder bottoms; cool, clear water; feed on algae.	East fork of San Gabriel River and Cattle Cyn. Creek (1999); N & W forks San Gabriel River, also Big Mermaids Cyn. Creek and Bear Creek (1999); Fish Cyn (1986)
Cyprinidae		Minnow Family		
<i>Gila orcutti</i>	arroyo chub	CSC	Slow water sections of streams with mud or sand substrates.	Potential where habitat occurs

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<i>Rhinichthys oscultus ssp.3</i>	Santa Ana speckled dace	CSC	Requires permanent flowing streams with summer water temperatures of 17 to 20 C, shallow cobble and gravel.	Potential where habitat occurs
Gasterosteidae	Stickleback Family			
<i>Gasterosteus aculeatus williamsoni</i>	unarmored threespine stickleback	FE, SE, SFP	Fresh water rivers and streams in the L.A. basin; low flow areas.	Common in Santa Clara River; Arrastre Creek; San Francisquito Canyon
Gobiidae	Goby Family			
<i>Eucyclogobius newberryi</i>	tidewater goby	FE, CSC	Shallow lagoon, lower stream, reaches where water is brackish to fresh and slow-moving or fairly still but not stagnant.	Malibu Creek and Lagoon, from mouth to 1.5 mi. upstream (1995)
Salmonidae	Salmon and Trout Family			
<i>Oncorhynchus mykiss</i>	steelhead-Southern California ESU	FE	Cool, clear, well-oxygenated streams with coastal mouths	Topanga Creek (1990); Malibu Creek and Lagoon (1992)
Mammals				
Canidae	Wolves and Fox Family			
<i>Urocyon littoralis</i>	island fox	ST	Complex, layer vegetation with high density of woody, perennial fruiting shrubs.	Haypress Reservoir (1989-90); Gallagher Cyn. (1994); Bulrush Cyn. and Airport (1989-90); many additional records
Heteromyidae	Pocket Mice and Kangaroo Rat Family			

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VERTEBRATES

Scientific Name	Common Name	Agency Listing Status	Preferred Habitat	Record
<i>Anniella pulchra pulchra</i>	silvery legless lizard	CSC	Several habitats but especially in coastal dune, valley-foothill, chaparral, and coastal scrub habitats.	Potential where habitat occurs
<i>Chaetodipus fallax</i>	San Diego pocket mouse	CSC	Sandy herbaceous areas, usually in association with rocks or coarse gravel, sagebrush, scrub, annual grassland, chaparral and desert scrubs.	Potential where habitat occurs
<i>Dipodomys merriami parvus</i>	San Bernardino Merriam's kangaroo rat	FE, CSC	Alluvial fan scrub.	Potential where habitat occurs
<i>Perognathus alticolus alticolus</i>	white-eared pocket mouse	CSC	Ponderosa and Jeffrey pine habitats, mixed chaparral and sagebrush habitats, fallow fields dominated by Russian thistle, requires loose soil for burrows.	Potential where habitat occurs
<i>Perognathus alticolus inexpectatus</i>	Tehachapi pocket mouse	CSC	Arid annual grassland, desert shrub, fallow grain field, Russian thistle, burrows for cover and nesting, aestivates and hibernates, forages on open ground and under shrubs.	Recorded 2.5 mi. SE of Gorman (1952)
<i>Perognathus longimembris brevinasus</i>	Los Angeles pocket mouse	CSC	Coastal sage scrub, and grasslands, desert cactus, creosote bush and sagebrush habitats.	Potential where habitat occurs

Molossidae Free-tailed Bats

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VERTEBRATES

Scientific Name	Common Name	Agency Listing Status	Preferred Habitat	Record
<i>Eumops perotis californicus</i>	California mastiff bat	CSC	In arid and semi-arid lowlands; roosts in cliffs and rock crevices.	Potential where habitat occurs
<i>Nyctinomops femorosaccus</i>	pocketed free-tailed bat	CSC	On rocky desert cliffs and slopes; emerges at night to feed on insects.	Potential where habitat occurs
<i>Nyctinomops macrotis</i>	big free-tailed bat	CSC	Roosts in cliffs or crevices; emerges late at night to feed on insects.	Potential where habitat occurs
Muridae	Mice, Rats, and Vole Family			
<i>Phrynosoma coronatum</i>	coast horned lizard	CSC	Valley-foothill hardwood, conifer, and riparian habitats, pine-cypress, juniper and annual grassland habitats below 6,000 feet, open country, especially sandy areas, washes, flood plains, and windblown deposits.	NW corner of Bonelli Regional Co. Park (1996)
Phyllostomidae	Leaf-Nosed Bat Family			
<i>Macrotus californicus</i>	California leaf-nosed bat	CSC	Desert riparian, desert wash, desert scrub, desert succulent shrub, alkali desert scrub, and palm oasis. Roosts in tunnels, caves and possible buildings and bridges.	Potential where habitat occurs
Procyonidae	Raccoon Family			

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VERTEBRATES

Scientific Name	Common Name	Agency Listing Status	Preferred Habitat	Record
<i>Bassariscus astutus</i>	ringtail cat	SFP	Mixture of forest and shrublands in close association with rocky areas or riparian habitats.	Potential where habitat occurs
Sciuridae	Squirrel Family			
<i>Spermophilus mohavensis</i>	Mohave ground squirrel	FSC, ST	Low desert with scattered brush, sandy, gravelly soil.	Numerous CNDDDB reports throughout; Edwards AFB (Rogers Dry Lake)
Soricidae	Shrew Family			
<i>Sorex ornatus willetti</i>	Santa Catalina ornate shrew	CSC	Valley foothill and montane riparian, also wide variety of woodland, chaparral, grassland, and emergent wetland habitats.	Avalon Cyn. (1942); lower Cottonwood Cyn. (1983)
Vespertilionidae	Evening Bat Family			
<i>Antrozous pallidus</i>	pallid bat	CSC	Roosts in cliffs, crevices, mine tunnels, caves, house attics and other man-made structures.	Potential where habitat occurs
<i>Corynorhinus townsendii</i>	Townsend's big-eared bat	CSC	Caves, mine tunnels, and buildings.	Potential where habitat occurs
<i>Euderma maculatum</i>	spotted bat	FSC, CSC	Occurs rarely and unpredictably in a number of habitats; feeds on insects, prefers moths.	Potential where habitat occurs
<i>Myotis ciliolabrum</i>	small-footed bat	SP	Primarily found in relatively arid wooded and brushy uplands near water from sea level to 8,900 ft.	Potential where habitat occurs

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<i>Myotis evotis</i>	long-eared bat	SP	Occurs along entire coast.	Potential where habitat occurs
<i>Myotis thysanodes</i>	Fringed myotis	SP	Grassland/oak savannah, cottonwood-willow woodland, riparian scrub, oak woodland, open riverbed and bank.	Potential where habitat occurs
<i>Myotis volans</i>	long-legged myotis	SP	Most common in woodland and forest habitats above 4,000 ft.; also forages in chaparral, coastal scrub, shrub habitats from sea level to 11,400 ft.	Potential where habitat occurs
Perognathus				
Leporidae		Rabbit and Hare Family		
<i>Lepus californicus bennetti</i>	San Diego black-tailed jackrabbit	CSC	Open brushlands and scrub habitats between sea level and 4,000 feet elevation.	Cruzan Mesa and Plum Cyn.
Muridae		Mice, Rats, and Vole Family		
<i>Neotoma lepida intermedia</i>	San Diego desert woodrat	CSC	Chaparral, coastal sage scrub, and pinyon-juniper woodland.	Potential where habitat occurs.
<i>Onychomys torridus ramona</i>	southern grasshopper mouse	CSC	Grasslands, desert areas, especially scrub with friable soils.	Potential where habitat occurs.
Reptiles				
Boidae		Boa Family		
<i>Chanina trivirgata</i>	rosy boa	SP	Desert and rocky areas in chaparral covered hillsides and canyons.	Potential where habitat occurs

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<i>Charina umbratica</i>	southern rubber boa	FSC, ST	Grassland, broken chaparral, woodland and forest, under rock bark of dead trees.	Potential where habitat occurs
Colubridae		Colubrid Snake Family		
<i>Diadophis punctatus similis</i>	San Diego ring-neck snake	CSC, SP	Riparian woodlands, mixed chaparral, and annual grass habitats.	Potential where habitat occurs
<i>Lampropeltis zonata</i>	California mountain kingsnake	CSC	Moist woods, coniferous forests, woodland and chaparral.	Potential where habitat occurs
<i>Salvador hexalepis virgulata</i>	coast patch-nosed snake	CSC	Coastal chaparral, desert scrub, washes, sandy flats, and rocky areas. Barren creosote bush desert flats. Sagebrush semi-deserts; sea level to 7,000 feet.	Potential where habitat occurs
<i>Thamnophis hammondi</i>	two-striped garter snake	FSC, CSC, SP	Riparian and freshwater marshes with perennial water.	2 adults and 2 juveniles observed foraging near Little Rock Creek upstream of Basin Campground (1995); Santiago Cyn. (1996)
Emydidae		Turtle Family		
<i>Emmys marmorata pallida</i>	southwestern pond turtle	CSC	Ponds, slow moving streams.	Piute Pond and Branch Pond, Edwards AFB
Gekkonidae		Gecko Family		
<i>Coleonyx variegatus abbotti</i>	San Diego banded gecko	FSC	Rocky tracts, cyn. walls, and sand dunes in deserts and semi-arid areas.	Potential where habitat occurs
Iguanidae		Iguanid Lizard Family		

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<i>Phrynosoma coronatum</i>	coast horned lizard	CSC	Valley-foothill hardwood, conifer, and riparian habitats, pine-cypress, juniper and annual grassland habitats below 6,000 feet, open country, especially sandy areas, washes, floodplains, and windblown deposits.	2 mi. SE of Valyermo Ranger Station; Fenner Cyn., near Big Rock Camp; Big Pines Recreation Area; S Fork Big Rock Creek; Horse ranch, NNE of Jackson Lake (1990)
<i>Uma scoparia</i>	Mojave fringed-toed lizard	CSC	Sand deposits, dunes, dry lake bed and wash margins, creosote scrub.	Edwards AFB
Teiidae	Whiptail Lizard Family			
<i>Anniella pulchra pulchra</i>	silvery legless lizard	CSC	Several habitats but especially in coastal dune, valley-foothill, chaparral, and coastal scrub habitats.	Potential where habitat occurs
<i>Aspidoscelis hyperythros beldingi</i>	Belding's orange-throated whiptail	CSC	Valley-foothill hardwood forests, valley-foothill/ hardwood conifer, mixed conifer, and desert scrub habitats.	Potential where habitat occurs
<i>Aspidoscelis tigris stejnegeri</i>	coastal western whiptail	FSC	Arid and semi-arid desert to open woodlands, where vegetation is sparse.	Cruzan Mesa and Plum Cyn.
Testudinidae	Land Tortoise Family			
<i>(Gopherus) agassizi</i>	desert tortoise	FT, ST, SP	Desert oases, riverbanks, washes, dunes, rocky slopes.	Edwards AFB, (1999); may occur throughout lower desert portion of SEA
Viperiidae	Viper Snake Family			

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<i>Crotalus ruber ruber</i>	northern red-diamond rattlesnake	CSC	Chaparral, woodland, and arid desert habitats in rocky areas with dense vegetation.	Potential where habitat occurs

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INVERTEBRATES

Scientific Name	Common Name	Agency Listing Status	Preferred Habitat	Record
CRUSTACEA – fairy shrimp, isopods, amphipods				
Order Anostraca Fairy Shrimp				
<i>Branchinecta lynchii</i>	Vernal pool fairy shrimp	FT	Vernal pools in areas of shallow depressions that have a clay hardpan soil layer that inhibits percolation.	Mint Canyon (2003)
<i>Branchinecta sandiegoensis</i>	San Diego fairy shrimp	FE	Vernal pools in areas of shallow depressions that have a clay hardpan soil layer that inhibits percolation.	Potential where habitat occurs
<i>Streptocephalus woottoni</i>	Riverside fairy shrimp	FE	Vernal pools/swales.	Historically documented at Cruzan Mesa vernal pools
Gastropoda – Snails and slugs				
Heteromyidae Pocket Mice and Kangaroo Rat Family				
<i>Radiocentrum avalonense (Drechelixa)</i>	Catalina mountain snail	FSC	Scrub communities.	Catalina E quad, (1987), specific location info suppressed by CNDDDB
INSECTA – grasshoppers, katydids, crickets, beetles flies, butterflies, moths				
Order Coleoptera Beetles				
<i>Cicindela hirticollis gravida</i>	sandy beach tiger beetle	FSC	Non-brackish water along coast in clean, dry, light-colored sand.	Historic collection
<i>Paleoxenus dohrni</i>	Dohrn’s elegant eucnemid beetle	FSC	Transition zone forests, higher elevations, on incense cedar.	Potential where habitat occurs

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Order Lepidoptera

Butterflies and Moths

<i>Incisalia mossii hikupa</i>	San Gabriel Mountains elfin butterfly	FSC	Rocky outcrops, cliffs where stonecrop grows.	Potential where habitat occurs
<i>Panoquina errans</i>	wandering (salt-marsh) skipper	FSC	Salt marshes, requires moist saltgrass for larval development.	Potential where suitable habitat occurs
<i>Plebulinia emigdionis</i>	San Emigdio blue butterfly	FSC	Washes, alluvial scrub, on <i>Atriplex canescens</i> .	Potential where habitat occurs
<i>Plejebus saepiolus</i>	San Gabriel Mountains blue butterfly	FSC	Forest openings, at streamsides, in meadows and alpine fell-fields, from cool coastal areas to upper elevations of the California mountain ranges.	Potential where habitat occurs
<i>Satyrium auretteorum fumosoum</i>	Santa Monica Mountains hair-streak butterfly	FSC	Meadows, open areas.	Collected in the vicinity of Los Virgenes Cyn. (1990)
<i>Speyeria callippe callippe</i>	Callippe silverspot butterfly	FE	Open hillsides on <i>Viola pedunculata</i> .	Potential where suitable habitat occurs

Order Orthoptera

Grasshoppers

<i>Neduba longipennis</i>	Santa Monica shieldback katydid	FSC	Near coast in coastal sage scrub, chaparral, and woodlands.	Lower portions of several cyns. in Malibu; Mugu
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Order Trichoptera

Caddisflies

<i>Diplectrona californica</i>	California diplectron caddisfly	FSC	Streams, lakes, and ponds.	Potential where habitat occurs
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FPE	Federally Proposed as Endangered	SCT	State Candidate for Threatened
FPT	Federally Proposed as Threatened	SP	State Protected
FPD	Federally Proposed for Delisting	SFP	State Fully Protected
		SR	State Rare
		CSC	California Special Concern Species