

**Appendix C
 Species that have Potential to Occur within the Project Area**

Scientific Name ¹	Common Name	Status ²	Blooming Period	Habitat	Potential to Occur in Study Area (High, Moderate, Low)
Plants					
<i>Abronia villosa var aurita</i>	Chaparral Sand-Verbena	1B.1	Jan-Sept	Chaparral, coastal scrub, desert dunes/sandy	Moderate. Suitable habitat exists.
<i>Allium munzii</i>	Munz's Onion	1B.1 FE ST MSHP Narrow Endemic	Mar-May	Chaparral, cismontane, woodland coastal scrub, pinyon/iuniper woodland, valley and foothill grassland/mesic, clay	High. Suitable habitat exists within clay lenses and vernal pool habitats.
<i>Ambrosia pumila</i>	San Diego Ambrosia	1B.1 FE MSHP Narrow Endemic	May-Sept	Chaparral, coastal scrub, valley and foothill grassland, vernal pools/often in disturbed areas	High. Suitable habitat exists within alkaline soils.
<i>Arctostaphylos rainbowensis</i>	Rainbow Manzanita	1B.1 MSHCP Covered Species	Jan-Feb	Chaparral	Low. No habitat present.
<i>Astragalus pachypus var. jaegeri</i>	Jaeger's Milk-Vetch	1B.1 MSHCP Covered Species	Dec-Apr	Chaparral, cismontane woodland, coastal scrub, valley and foothill grassland/sandy or rocky	Moderate. Suitable habitat exists.

Scientific Name ¹	Common Name	Status ²	Blooming Period	Habitat	Potential to Occur in Study Area (High, Moderate, Low)
<i>Atriplex coronata var notatior</i>	San Jacinto Valley Crownscale	1B.1 FE MSHCP Covered Species	Apr-Aug	Playas, valley and foothill grassland (mesic), vernal pools/alkaline	High. Suitable habitat exists within clay lenses and vernal pool habitats.
<i>Atriplex coulteri</i>	Coulter's Saltbush	1B.2 MSHCP Criteria Species	Mar-Oct	Coastal bluff scrub, coastal dunes, coastal scrub, valley and foothill grassland/alkaline or clay	High. Suitable habitat exists within clay lenses, vernal pool habitats and alkaline soils.
<i>Atriplex pacifica</i>	South Coast Saltscale	1B.2 MSHCP Covered Species	Mar-Oct	Coastal bluff scrub, coastal dunes, coastal scrub, playas	Moderate. Suitable habitat exists.
<i>Atriplex parishii</i>	Parish's Britttlescale	1B.1 MSHCP Criteria Species	Jun-Oct	Coastal scrub, playas, vernal pools	Moderate. Suitable habitat exists.
<i>Atriplex serenana var. davidsonii</i>	Davidson's Saltscale	1B.2 MSHCP Criteria Species	Apr-Oct	Coastal bluff scrub, coastal scrub/alkaline	Moderate. Suitable habitat exists.
<i>Brodiaea filifolia</i>	Thread-Leaved Brodiaea	1B.1 FT SE MSHCP Criteria Species	Mar-Jun	Chaparral, cismontane woodland, coastal scrub, playas, valley and foothill grassland, vernal pools/often clay	High. Suitable habitat exists within clay lenses.

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<i>Brodiaea orcuttii</i>	Orcutt's Brodiaea	1B.1 MSHCP Covered Species	May-July	Closed cone coniferous forest, chaparral, cismontane woodland, meadows, valley and foothill grassland, vernal pools/mesic, clay, sometimes serpentine	Moderate. Suitable habitat exists.
<i>Calochortus plummerae</i>	Plummer's Mariposa Lily	1B.2 MSHCP Covered Species	May-July	Chaparral, cismontane woodland, coastal scrub, lower montane coniferous forest, valley and foothill grassland/granitic, rocky	Moderate. Suitable habitat exists.
<i>Calochortus weedii</i> var. <i>intermedius</i>	Intermediate Mariposa Lily	1B.2 MSHCP Covered Species	May-July	Chaparral, coastal scrub, valley and foothill grassland/rocky	Moderate. Suitable habitat exists.
<i>Centromadia pungens</i> ssp. <i>laevis</i>	Smooth Tarplant	1B.1 MSHCP Criteria Species	Apr-Sept	Chenopod scrub, meadows, playas, riparian woodland, valley and foothill grassland	High. Suitable habitat exists within study area.
<i>Chorizanthe parryi</i> var. <i>parryi</i>	Parry's Spineflower	1B.1 MSHCP Covered Species	Apr-Jun	Chaparral, coastal scrub/sandy or rocky openings	Present within study area.
<i>Chorizanthe polygonoides</i> var. <i>longispina</i>	Long-Spined Spineflower	1B.2 MSHCP Covered Species	April-July	Chaparral, coastal scrub, meadows, valley and foothill grassland/often clay	Present within study area.

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<i>Chorizanthe xanti</i> var. <i>leucotheca</i>	White-Bracted Spineflower	1B.2 MSHCP Covered Species	Apr-Jun	Mojavean desert scrub pinyon/juniper woodland	Low. No habitat present.
<i>Comarostaphylis diversifolia</i> ssp. <i>diversifolia</i>	Summer Holly	1B.2 MSHCP Covered Species	Apr-Jun	Chaparral, cismontane woodland	Low. No habitat present.
<i>Convolvulus simulans</i>	Small-Flowered Morning Glory	4.2 MSHCP Covered Species	Mar-July	Chaparral (openings), coastal scrub, valley and foothill grassland/clay, serpentinite seeps	Present within study area.
<i>Cupressus forbesii</i>	Tecate Cypress	1B.1 MSHCP Covered Species	n/a	Closed cone coniferous forest, chaparral	Low. No habitat present.
<i>Deinandra paniculata</i>	Paniculate tarplant	4.2	Apr-Nov	Coastal scrub, valley and foothill grassland, vernal pools/usually vernal mesic	Present within study area.
<i>Dodecahema leptoceras</i>	Slender-Horned Spineflower	1B.1 FE SE MSHP Narrow Endemic	Apr-Jun	Chaparral, cismontane woodland, coastal scrub/(alluvian fan)/sandy	Moderate. Suitable habitat exists.
<i>Dudleya cymosa</i> ssp. <i>ovatifolia</i>	Santa Monica Mountains Dudleya	1B.2 FT	Mar-Jun	Chaparral, coastal scrub	Low. No habitat present.

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<i>Dudleya multicaulis</i>	Many-Stemmed Dudleya	1B.2 MSHP Narrow Endemic	Apr-Jul	Chaparral, coastal scrub, valley and foothill grassland/often clay	Moderate. Suitable habitat exists.
<i>Dudleya viscida</i>	Sticky Dudleya	1B.2 MSHCP Covered Species	May-Jun	Coastal bluff scrub, chaparral, coastal scrub/rocky	Low. No habitat present.
<i>Erodium macrophyllum</i>	Round-Leaved Filaree	2.1 MSHCP Criteria Species	Mar-May	Cismontane woodland, valley and foothill grassland/clay	High. Clay soils occur within the project area.
<i>Eryngium aristulatum</i> var. <i>parishii</i>	San Diego Button-Celery	1B.1 FE SE MSHCP Covered Species	Apr-Jun	Coastal scrub, valley and foothill grassland, vernal pools/mesic	Low. No habitat present.
<i>Harpagonella palmeri</i>	Palmer's Grapplinghook	4.2 MSHCP Covered Species	Mar-May	Chaparral, coastal scrub, valley and foothill grassland/clay	High. Suitable habitat exists within clay lenses.
<i>Hordeum intercedens</i>	Vernal Barley	3.2 MSHCP Covered Species	Mar-Jun	Coastal dunes, coastal scrub, valley and foothill grassland, vernal pools	Low. No habitat present.
<i>Horkelia cuneata</i> ssp. <i>puberula</i>	Mesa Horkelia	1B.1	Feb-Sept	Chaparral, cismontane woodland, coastal scrub/sand, gravelly	Moderate. Suitable habitat exists.

Scientific Name ¹	Common Name	Status ²	Blooming Period	Habitat	Potential to Occur in Study Area (High, Moderate, Low)
<i>Lasthenia glabrata</i> ssp. <i>coulteri</i>	Coulter's Goldfields	1B.1 MSHCP Criteria Species	Feb-Jun	Marsh and swamp (coastal salt), playas, vernal pools	High. Suitable habitat resent within study area.
<i>Lepidium virginicum</i> var. <i>robinsonii</i>	Robinson's Pepper-Grass	1B.2 MSHCP Covered Species	Jan-July	Chaparral, coastal scrub	Moderate. Suitable habitat exists.
<i>Lepechinia cardiophylla</i>	Heart-Leaved Pitcher Sage	1B.2 MSHCP Criteria Species	Apr-Jul	Closed cone coniferous forest, chaparral, cismontane woodland	Low. No habitat present.
<i>Limnanthes gracilis</i> ssp. <i>parishii</i>	Parish's Meadowfoam	1B.2/ST MSHCP Covered Species	Apr-Jun	Lower montane coniferous forest, meadows, vernal pools/mesic	Low. No habitat present.
<i>Microseris douglasii</i> ssp. <i>platycarpha</i>	Small-flowered microseris	4.2/MSHCP Covered Species	Mar-May	Cismontane woodland, Coastal scrub, and foothill grassland, vernal pools /clay	Present within study area.
<i>Monardella hypoleuca</i> ssp. <i>lanata</i>	Felt-Leaved Monardella	1B.2	Jun-Aug	Chaparral, cismontane woodland	Low. No habitat present.
<i>Monardella macrantha</i> ssp. <i>hallii</i>	Hall's Monardella	1B.3 MSHCP Covered Species	Jun-Aug	Broad leaved upland forest, chaparral, cismontane woodland, lower montane coniferous forest, valley and foothill grassland	Low. No habitat present.

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<i>Myosurus minimus ssp. apus</i>	Little Mousetail	3.1 MSHCP Criteria Species	Mar-Jun	Valley and foothill grassland, vernal pools(alkaline)	Moderate. Suitable habitat exists.
<i>Navarretia fossalis</i>	Spreading Navarretia	1B.1/FT MSHP Narrow Endemic	Apr-Jun	Chenopod scrub, marsh and swamp.(assorted shallow fresh water), playas, vernal pools	Moderate. Suitable habitat exists.
<i>Navarretia prostrata</i>	Prostrate Navarretia	1B.1 MSHCP Criteria Species	Apr-July	Coastal scrub, meadows, valley and foothill grassland,(alkaline), vernal pools/mesic	Moderate. Mesic alkaline soils present within study area.
<i>Nolina cismontanas</i>	Chaparral Nolina	1B.2	May-July	Chaparral, coastal scrub/sandstone or gabbro	Moderate. Suitable habitat exists.
<i>Orcuttia californica</i>	California Orcutt Grass	1B.1/FE/SE MSHP Narrow Endemic	Apr-Aug	Vernal pools	Moderate. Suitable habitat exists.
<i>Phacelia suaveolens ssp. keckii</i>	Santiago Peak Phacelia	1B.3 MSHCP Covered Species	May-Jun	Closed cone coniferous forest, chaparral	Low. No habitat present.
<i>Satureja chandleri</i>	San Miguel Savory	1B.2 MSHP Narrow Endemic	Mar-Jul	Chaparral, cismontane woodland, coastal scrub, riparian woodland, valley and foothill grassland/rocky, gabbroic or metavolcanic	Moderate. Suitable habitat exists.

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<i>Senecio aphanactis</i>	Rayless Ragwort	2.2	Jan-Apr	Chaparral, cismontane woodland, coastal scrub/alkaline	Moderate. Suitable habitat exists.
<i>Scutellaria bolanderi</i> ssp. <i>austromontana</i>	Southern Skullcap	1B.2 MSHCP Covered Species	Jun-Aug	Chaparral, cismontane voodland, lower montane coniferous forest /mesic	Low. No habitat present.
<i>Sibaropsis hammittii</i>	Hammitt's Clay-Cress	1B.2	Mar-Apr	Chaparral, valley and foothill grassland	Low. No habitat present.
<i>Sidalcea neomexicana</i>	Salt Spring Checkerbloom	2.2 MSHCP Covered Species	Mar-Jun	Chaparral, coastal scrub, lower montane Coniferous forest, mojave desert scrub, playas/alkaline, mesic	Moderate. Suitable habitat exists.
<i>Sphaerocarpos drewei</i>	Bottle Liverwort	1B.1	n/a	Chaparral, coastal scrub/opening, soil	Moderate. Suitable habitat exists.
<i>Symphotrichum defoliatum</i>	San Bernardino Aster	1B.2	Jul-Nov	Cismontane woodland, coastal scrub, lower montane coniferous forest, meadows, marsh and swamp, valley and foothill grassland (vernally mesic)/near ditches, streams, springs	Moderate. Suitable habitat exists.
<i>Tetracoccus dioicus</i>	Parry's Tetracoccus	1B.2 MSHCP Covered Species	Apr-May	Chaparral, coastal scrub	Low. No habitat present.
<i>Tortula californica</i>	Californica Screw Moss	1B.2	n/a	Chenopod scrub, valley and foothill grassland/ sandy, soil	Low. No habitat present.

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<i>Trichocoronis wrightii</i> var. <i>wrightii</i>	Wright's Trichocoronis	1B.1 MSHP Narrow Endemic	May-Sept	Meadows, marsh and swamp riparian forest, vernal pools/alkaline	Moderate. Suitable habitat exists.

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Wildlife				
Invertebrates				
<i>Euphydryas editha quino</i>	Quino Checkerspot Butterfly	FE, MSHCP Covered Species	Grasslands, sage scrub, chaparral with open areas	Moderate. Has potential to occur within study area.
<i>Streptocephalus woottoni</i>	Riverside Fairy Shrimp	FE, MSHCP Covered Species	Vernal pools or shallow ponded water within grassland, scrub, chaparral	Moderate. Has potential to occur within study area.
Amphibians				
<i>Scaphiopus hammondi</i>	Western Spadefoot Toad	CSC, MSHCP Covered Species	Ephemeral pools, grassland, scrub, chaparral	Present within study area.
Reptiles				
<i>Aspidoscelis (Cnemidophorus) hyperythra beldingi</i>	Orange-throated Whiptail	CSC, MSHCP Covered Species	Open sage scrub, chaparral, sandy wash, woodland	Present within study area.
<i>Aspidoscelis (Cnemidophorus) tigris stejnegeri</i>	Coastal Western Whiptail	CNDDDB: G5T3T4S2S3, MSHCP Covered Species	Dense chaparral and sage scrub, especially around sandy washes and streambeds	Present within study area.
<i>Charina (Lichanura) trivirgata roseofusca</i>	Coastal Rosy Boa	CNDDDB: G4G5S3S4	Dry, rocky brushlands and arid habitats, prefers rock outcrops	Moderate. Has potential to occur within study area.

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<i>Crotalus ruber ruber</i>	Northern Red Diamond Rattlesnake	CSC, MSHCP Covered Species	Scrub, chaparral	High. Has potential to occur within study area.
<i>Diadophis punctatus modestus</i>	San Bernardino Ringneck Snake	CNDDDB S2?	Most common in open, relatively rocky areas. often in somewhat moist microhabitats near intermittent streams.	Moderate. Has potential to occur within study area.
<i>Phrynosoma coronatum (blainvillei)</i>	Coast (San Diego) Horned Lizard	CSC, MSHCP Covered Species	Coastal sage scrub, chaparral, forests	High. Has potential to occur within study area.
<i>Salvadora hexalepis virgultea</i>	Coast Patch-nosed Snake	CSC	Open habitats, brush	Moderate. Has potential to occur within CSS within study area.
<i>Thamnophis hammondi</i>	Two-striped Garter Snake	CSC	Creeks and ponds, nearby upland habitats	Moderate. Has potential to occur within study area.
Birds				
<i>Accipiter cooperii</i>	Cooper's Hawk	CSC (nesting), MBTA, MSHCP Covered Species	Oak woodland, eucalyptus, mature riparian forest	Present. Seen foraging near study area. No nesting habitat present.
<i>Accipiter striatus</i>	Sharp-shinned Hawk	CSC, MSHCP Covered Species	Grasslands, coastal sage scrub	Present. Seen foraging near study area. No nesting habitat present.

Scientific Name ¹	Common Name	Status 2	Habitat	Potential to Occur in Study Area (High, Moderate, Low)
<i>Agelaius tricolor</i>	Tri-colored Blackbird (Nesting Colony)	FBCC, CSC, MBTA, MSHCP Covered Species	Marshes, fields	Foraging: low Nesting: absent
<i>Aimophila ruficeps canescens</i>	Southern California Rufous-crowned Sparrow	CSC, MBTA, MSHCP Covered Species	Open coastal sage scrub	Present. Seen foraging near study area.
<i>Amphispiza belli belli</i>	Bell's Sage Sparrow	FBCC, CSC, MBTA, MSHCP Covered Species	Coastal sage scrub, chaparral	Present. Seen foraging near study area.
<i>Aquila chrysaetos</i>	Golden Eagle	FBCC, BEPA, CSC, CFP, MBTA, MSHCP Covered Species	Grasslands, trees, cliffs, scrub	Present. Seen foraging near study area.

Scientific Name ¹	Common Name	Status 2	Habitat	Potential to Occur in Study Area (High, Moderate, Low)
<i>Asio otus</i>	Long-eared Owl	FBCC, CSC, MBTA	Nesting in old nests in riparian bottomlands grown to tall willows & cottonwoods; also, belts of live oak paralleling stream courses. Requires adjacent open land productive of mice and the presence of old nests of crows, hawks, or magpies for breeding.	Low. Has low potential to forage within study area.
<i>Athene cunicularia</i>	Burrowing Owl	FSC, FBCC, CSC (Burrow sites), MBTA, MSHCP Covered Species	Open land, old ground squirrel burrows	Moderate. High weedy growth and discing limits potential, but ground squirrel burrows are present.
<i>Circus cyaneus</i>	Northern Harrier	CSC (nesting), MBTA, MSHCP Covered Species (breeding)	Grasslands, marshes, open habitats	Present. Seen foraging near study area.

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<i>Coccyzus americanus occidentalis</i>	Western Yellow-billed Cuckoo	CSC (nesting), MBTA, MSHCP Covered Species (may require surveys)	Inhabits extensive deciduous riparian thickets or forests with dense, low-level or understory foliage, and which abut on slow-moving watercourses, backwaters, or seeps. Willow almost always a dominant component of the vegetation.	Low. No riparian habitat present within study area.
<i>Elanus leucurus</i>	White-tailed Kite	CFP, MBTA, MSHCP Covered Species	Open habitats with perches	Present within study area.
<i>Empidonax traillii (extimus)</i>	Willow Flycatcher (Southwestern)	FE (<i>extimus</i>), SE (all subspecies), MBTA, MSHCP Covered Species, but may require surveys (<i>extimus</i>)	Well developed riparian woodland, willow meadows	High: Potential to occur within the study area.
<i>Eremophila alpestris actia</i>	California Horned Lark	CSC, MBTA, MSHCP Covered Species	Open habitats, bare dirt	Present within study area.

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<i>Icteria virens</i>	Yellow-breasted Chat	CSC (nesting), MBTA, MSHCP Covered Species	Mature riparian woodland	Present within Study Area.
<i>Lanius ludovicianus</i>	Loggerhead shrike	FBCC, CSC (nesting), MBTA, MSHCP Covered Species	Open habitats, scrub	Present within Study Area.
<i>Carduelis lawrencei</i>	Lawrence's Goldfinch	FBCC, MBTA, CSC	Woodland and scrub habitats	Present within Study Area.
<i>Polioptila californica californica</i>	Coastal California Gnatcatcher	FT, CSC, MBTA, MSHCP Covered Species	Coastal sage scrub	Present within Study Area.
<i>Vireo bellii pusillus</i>	Least Bell's Vireo	FE, SE, MBTA, MSHCP Covered Species but may require surveys	Riparian scrub and low woodland	Present within Study Area.

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Mammals				
<i>Dipodomys stephensi</i>	Stephens' Kangaroo Rat	ST/FE, MSHCP Covered Species	Grasslands with sparse to no shrub cover	Present within Study Area.
<i>Lepus californica bennettii</i>	San Diego Black-tailed Jackrabbit	CSC, MSHCP Covered Species	Scrub/grassland interface	Present within Study Area.
<i>Neotoma lepida intermedia</i>	San Diego Desert Woodrat	CSC, MSHCP Covered Species	Cactus thickets, chaparral, sage scrub	Present within Study Area.
<i>Perognathus (Chaetodipus) fallax fallax</i>	Northwestern San Diego Pocket Mouse	CSC, MSHCP Covered Species	Sage scrub, grassland, desert scrub	Present within Study Area.

**Appendix D-1
 Cumulative Plant List**

Scientific Name	Common Name	Native/Exotic/Status
Aizoaceae	Fig-Marigold Family	
<i>Mesembryanthemum nodiflorum</i>	Little Ice Plant	E
<i>Sesuvium verrucosum</i>	Sea-Purslane	N
Amaranthaceae	Amaranth Family	
<i>Amaranthus albus</i>	White Tumbleweed	E
<i>Amaranthus blitoides</i>	Prostrate Amaranth	N
<i>Amaranthus blitum</i>	Purple Amaranth	E
Anacardiaceae	Sumac Family	
<i>Malosma (Rhus) laurina</i>	Laurel Sumac	N
<i>Rhus integrifolia</i>	Lemonadeberry	N
<i>Rhus ovata</i>	Sugar Bush	N
<i>Schinus molle</i>	Peruvian Pepper Tree	E
<i>Schinus terebinthifolius</i>	Brazilian Pepper Tree	E
<i>Toxicodendron diversilobum</i>	Poison Oak	N
Apiaceae	Carrot Family	
<i>Anthriscus caucalis</i>	Bur-Chervil	E
<i>Apiastrum angustifolium</i>	Mock Parsley	N
<i>Daucus pusillus</i>	Wild Carrot	N
<i>Lomatium utriculatum</i>	Bladder Parsnip	N
<i>Sanicula bipinnatifida</i>	Purple Sanicle	N
Areaceae	Palm Family	
<i>Washingtonia</i> sp.	Fan Palm	E
Asclepiadaceae	Milkweed Family	
<i>Asclepius californica</i>	California Milkweed	N
<i>Sarcostemma cynanchoides</i> ssp. <i>hartwegii</i>	Climbing Milkweed	N
Asteraceae	Sunflower Family	
<i>Achillea millefolium</i>	Common Yarrow	N
<i>Ambrosia acanthicarpa</i>	Sand Bur	N
<i>Ambrosia psilostachya</i>	Western Ragweed	N
<i>Anthemis cotula</i>	Mayweed	E

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<i>Artemisia californica</i>	California Sagebrush	N
<i>Artemisia douglasiana</i>	Douglas' Mugwort	N
<i>Artemisia dracuncululus</i>	Tarragon	N
<i>Aster subulatus</i> var. <i>ligulatus</i>	Annual Water Aster	N
<i>Baccharis emoryi</i>	Emory's Baccharis	N
<i>Baccharis salicifolia</i>	Mule Fat	N
<i>Baccharis sarothroides</i>	Broom Baccharis	N
<i>Bebbia juncea</i>	Sweetbrush	N
<i>Brickellia californica</i>	California Brickellbush	N
<i>Brickellia desertorum</i>	Desert Brickellbush	N
<i>Carthamus tinctorius</i>	Safflower	E
<i>Centaurea melitensis</i>	Tocalote	E
<i>Centromadia pungens</i> ssp. <i>pungens</i>	Common Spikeweed	N
<i>Chaenactis artemisiifolia</i>	Chaenactis	N
<i>Chaenactis carphoclinia</i>	Pebble Pincushion	N
<i>Chaenactis glabriuscula</i>	Yellow Pincushion	N
<i>Cirsium vulgare</i>	Bull Thistle	E
<i>Cnicus benedictus</i>	Blessed Thistle	E
<i>Conyza canadensis</i>	Horseweed	N
<i>Cotula coronopifolia</i>	African Brass Buttons	E
<i>Deinandra (Hemizonia) fasciculata</i>	Fascicled Tarplant	N
<i>Deinandra (Hemizonia) kelloggii</i>	Kellogg's Tarplant	N
<i>Deinandra (Hemizonia) paniculata</i>	Paniculate Tarplant	N;CNPS 4.2
<i>Encelia actoni</i>	Acton Encelia	N
<i>Encelia californica</i>	California Encelia	N
<i>Encelia farinosa</i>	Brittlebush	N
<i>Ericameria palmeri</i> var. <i>pachylepis</i>	Box Spring Goldenbush	N
<i>Erigeron foliosus</i> var. <i>foliosus</i>	Leafy Daisy	N
<i>Eriophyllum confertiflorum</i>	Flat-Topped Golden Yarrow	N
<i>Eriophyllum multicaule</i>	Manystem Woolly Sunflower	N

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<i>Filago californica</i>	Fluffweed	N
<i>Filago gallica</i>	Narrow Leaf Filago	E
<i>Gaillardia pulchella</i>	Firewheel Indian-Blanket	E
<i>Gnaphalium californicum</i>	California Everlasting	N
<i>Gnaphalium luteo-album</i>	Everlasting	E
<i>Gnaphalium palustre</i>	Lowland Cudweed	N
<i>Gnaphalium stramineum</i>	Small Flowered Cudweed	N
<i>Gutierrezia californica</i>	California Matchweed	N
<i>Gutierrezia sarothrae</i>	Matchweed	N
<i>Hedypnois cretica</i>	Hedypnois	E
<i>Helianthus annuus</i>	Western Sunflower	N
<i>Helianthus gracilentus</i>	Slender Sunflower	N
<i>Heterotheca grandiflora</i>	Telegraph Weed	N
<i>Hypochaeris glabra</i>	Smooth Cat's-Ear	E
<i>Isocoma menziesii</i>	Menzies' Goldenbush	N
<i>Iva axillaris</i>	Poverty Weed	N
<i>Lactuca serriola</i>	Prickly Lettuce	E
<i>Laennecia coulteri</i>	Coulter's Horseweed	N
<i>Lasthenia (gracilis) californica</i>	Common Goldfields	N
<i>Lasthenia coronaria</i>	Royal Goldfields	N
<i>Layia platyglossa</i>	Tidy-Tips	N
<i>Layia glandulosa</i>	White Layia	N
<i>Lepidospartum squamatum</i>	Scale Broom	N
<i>Lessingia filaginifolia</i>	San Diego Sand Aster	N
<i>Malacothrix saxatilis</i>	Cliff Desert Dandelion	N
<i>Matricaria globifera</i>	Cattle Bush	E
<i>Matricaria matricarioides</i>	Pineapple Weed	E
<i>Microseris douglasii</i> ssp. <i>platycarpha</i>	small-flowered microseris	N; MSHCP Covered; Not Adequately Conserved
<i>Osmadenia tenella</i>	Osmadenia	N
<i>Picris echioides</i>	Bristly Ox-Tongue	E
<i>Pluchea odorata</i>	Salt Marsh Fleabane	N
<i>Pluchea sericea</i>	Arrow Weed	N

Scientific Name	Common Name	Native/Exotic/Status
<i>Psilocarphus</i> cf. <i>brevissimus</i>	Woolly Marbles	N
<i>Rafinesquia californica</i>	California Chicory	N
<i>Senecio flaccidus</i>	Butterweed	N
<i>Senecio vulgaris</i>	Common Groundsel	E
<i>Silybum marianum</i>	Milk Thistle	E
<i>Sonchus asper</i>	Prickly Sow Thistle	E
<i>Sonchus oleraceus</i>	Common Sow Thistle	E
<i>Stebbinsoseris heterocarpa</i>	Grassland Stebbinsoseris	N
<i>Stephanomeria exigua</i>	Small Wirelettuce	N
<i>Stephanomeria virgata</i>	San Diego Wreath Plant	N
<i>Stylocline gnaphaloides</i>	Everlasting Nest Straw	N
<i>Tetradymia comosa</i>	Cotton-Thorn	N
<i>Uropappus lindleyi</i>	Silver Puffs	N
<i>Xanthium strumarium</i>	Cocklebur	N
Boraginaceae	Borage Family	
<i>Amsinckia menziesii</i> var. <i>intermedia</i>	Yellow Fiddleneck	N
<i>Amsinckia retrorsa</i>	Rigid Fiddleneck	N
<i>Cryptantha intermedia</i>	Nievas	N
<i>Heliotropium curassavicum</i>	Salt Heliotrope	N
<i>Pectocarya linearis</i>	Comb-Bur	N
<i>Pectocarya penicillata</i>	Winged Pectocarya	N
<i>Pectocarya recurvata</i>	Recurved Pectocarya	N
<i>Plagiobothrys canescens</i>	Valley Popcorn Flower	N
<i>Plagiobothrys collinus</i>	California Popcorn Flower	N
Brassicaceae	Mustard Family	
<i>Athysanus pusillus</i>	Dwarf Athysanus	N
<i>Brassica nigra</i>	Black Mustard	E
<i>Brassica rapa</i>	Field Mustard	E
<i>Capsella bursa-pastoris</i>	Shepherd's Purse	E
<i>Coronopus didymus</i>	Wart Cress	E
<i>Hirschfeldia incana</i>	Short-Pod Mustard	E
<i>Lepidium nitidum</i>	Shining Peppergrass	N

Scientific Name	Common Name	Native/Exotic/Status
<i>Lepidium dictyotum</i> var. <i>dictyotum</i>	Alkali Peppergrass	N
<i>Lepidium</i> cf. <i>lasiocarpum</i>	Shaggyfruit Pepperweed	N
<i>Lepidium latifolium</i>	Broad-Leaved Peppergrass	E
<i>Raphanus sativus</i>	Wild Radish	E
<i>Rorippa nasturtium-aquaticum</i>	Watercress	N
<i>Sinapis arvensis</i>	Charlock	E
<i>Sisymbrium irio</i>	London Rocket	E
<i>Sisymbrium orientale</i>	Oriental Hedge Mustard	E
<i>Thysanocarpus laciniatus</i>	Notch Fringepod	N
<i>Tropidocarpum gracile</i>	Slender Dobie-Pod	N
Cactaceae	Cactus Family	
<i>Cylindropuntia parryi</i>	California Cholla	N
<i>Opuntia ficus-indica</i>	Mission Prickly Pear	E
<i>Opuntia littoralis</i>	Coastal Prickly Pear	N
<i>Opuntia microdasys</i>	Angel's-Wings	E
Caprifoliaceae	Honeysuckle Family	
<i>Sambucus mexicana</i>	Blue Elderberry	N
Caryophyllaceae	Pink Family	
<i>Herniaria hirsuta</i> ssp. <i>cinerea</i>	Hairy Rupturewort	E
<i>Loeflingia squarrosa</i>	California Loeflingia	N
<i>Silene gallica</i>	Common Catchfly	E
<i>Spergularia bocconii</i>	Boccone's Sandspurry	E
<i>Spergularia rubra</i>	Ruby Sand Spurry	E
<i>Spergularia salina</i>	Salt Sandspurry	N
<i>Stellaria</i> sp.	Chickweed, Starwort	?
Chenopodiaceae	Goosefoot Family	
<i>Atriplex argentea</i>	Silverscale Saltbush	N
<i>Atriplex rosea</i>	Tumbling Oracle	E
<i>Atriplex semibaccata</i>	Australian Saltbush	E
<i>Atriplex serenana</i> var. <i>serenana</i>	Bractscale	N
<i>Atriplex suberecta</i>	Peregrine Saltbush	E
<i>Atriplex triangularis</i>	Spearscale	N

Scientific Name	Common Name	Native/Exotic/Status
<i>Bassia hyssopifolia</i>	Fivehook	E
<i>Chenopodium album</i>	Lamb's Quarters	E
<i>Chenopodium berlandieri</i>	Pitseed Goosefoot	N
<i>Chenopodium californicum</i>	California Pigweed	N
<i>Chenopodium murale</i>	Nettle-Leaved Goosefoot	E
<i>Chenopodium pumilio</i>	Clammy Goosefoot	E
<i>Salsola tragus</i>	Russian Thistle	E
Convolvulaceae	Morning Glory Family	
<i>Calystegia macrostegia</i>	Morning Glory	N
<i>Convolvulus arvensis</i>	Field Bindweed	E
<i>Convolvulus simulans</i>	Small-flowered Morning-glory	N; MSHCP Covered; Adequately Conserved
<i>Cressa truxillensis</i>	Alkali Weed	N
Crassulaceae	Stonecrop Family	
<i>Crassula connata</i>	Sand Pygmyweed	N
<i>Dudleya lanceolata</i>	Live-Forever	N
<i>Dudleya pulverulenta</i>	Chalk Live-Forever	N
Cucurbitaceae	Gourd Family	
<i>Cucurbita foetidissima</i>	Calabazilla	N
<i>Cucurbita palmata</i>	Coyote Melon	N
<i>Marah macrocarpus</i>	Wild Cucumber	N
Cupressaceae	Cypress Family	
<i>Juniperus californica</i>	California Juniper	N
Cuscutaceae	Dodder Family	
<i>Cuscuta californica</i>	California Dodder	N
<i>Cuscuta salina</i>	Salt Marsh Dodder	N
Cyperaceae	Sedge Family	
<i>Carex cf. praegracilis</i>	Field Sedge	N
<i>Cyperus eragrostis</i>	Tall Flatsedge	N
<i>Cyperus cf. esculentus</i>	Nut Grass	N
<i>Cyperus squarrosus</i>	Bearded Flatsedge	N
<i>Eleocharis macrostachya</i>	Common Spikerush	N
<i>Scirpus acutus</i>	Hardstem Bulrush	N

Scientific Name	Common Name	Native/Exotic/Status
<i>Scirpus californicus</i>	California Bulrush	N
<i>Scirpus maritimus</i>	Prairie Rush	N
<i>Scirpus pungens</i>	Spike Sedge	
Euphorbiaceae	Spurge Family	
<i>Croton californicus</i>	California Croton	N
<i>Chamaesyce albomarginata</i>	Rattlesnake Weed	N
<i>Chamaesyce polycarpa</i>	Ground Spurge	N
<i>Eremocarpus setigerus</i>	Doveweed	N
<i>Ricinus communis</i>	Castor Bean	E
<i>Stillingia linearifolia</i>	Linear-Leaf Stillingia	N
Fabaceae	Pea Family	
<i>Astragalus pomonensis</i>	Pomona Rattleweed	N
<i>Caesalpinia gilliesii</i>	Bird-Of-Paradise	E
<i>Lotus hamatus</i>	Small-Flowered Lotus	N
<i>Lotus purshianus</i>	Spanish Clover	N
<i>Lotus salsuginosus</i>	Alkali Lotus	N
<i>Lotus scoparius</i>	Deerweed	N
<i>Lotus strigosus</i>	Strigose Bird's Foot Trefoil	N
<i>Lupinus bicolor</i>	Miniature Lotus	N
<i>Lupinus excubitus</i>	Grape Soda Lupine	N
<i>Lupinus sparsiflorus</i>	Coulter's Lupine	N
<i>Lupinus succulentus</i>	Collar Lupine	N
<i>Medicago polymorpha</i>	Bur-Clover	E
<i>Medicago sativa</i>	Alfalfa	E
<i>Melilotus albus</i>	White Sweetclover	E
<i>Melilotus indicus</i>	Sourclover	E
<i>Parkinsonia aculeata</i>	Mexican Palo Verde	E
<i>Pisum sativum</i>	Garden Pea	E
<i>Robinia</i> sp.	Locust	E
<i>Trifolium hirtum</i>	Rose Clover	E
<i>Trifolium obtusiflorum</i>	Clammy Clover	N
<i>Vicia benghalensis</i>	Purple Vetch	E
<i>Vicia villosa</i>	Hairy Vetch	E

Frankeniaceae	Frankenia Family	
<i>Frankenia salina</i>	Alkali Heath	N
Gentianaceae	Gentian Family	
<i>Centaurium venustum</i>	Canchalagua	N
Geraniaceae	Geranium Family	
<i>Erodium botrys</i>	Long-Beak Filaree	E
<i>Erodium cicutarium</i>	Red-Stem Filaree	E
<i>Erodium moschatum</i>	Green-Stem Filaree	E
<i>Geranium carolinianum</i>	Carolina Cranesbill	N
Hydrophyllaceae	Waterleaf Family	
<i>Emmenanthe penduliflora</i> var. <i>penduliflora</i>	Whispering Bells	N
<i>Eucrypta chrysanthemifolia</i>	Common Eucrypta	N
<i>Phacelia cicutaria</i> var. <i>hispida</i>	Caterpillar Phacelia	N
<i>Nemophila menziesii</i>	Baby Blue Eyes	N
<i>Phacelia distans</i>	Wild Heliotrope	N
<i>Phacelia minor</i>	California Bluebells	N
<i>Phacelia ramosissima</i> var. <i>latifolia</i>	Branching Phacelia	N
Juncaceae	Rush Family	
<i>Juncus balticus</i>	Baltic Rush	N
<i>Juncus bufonius</i>	Toad Rush	N
<i>Juncus mexicanus</i>	Mexican Rush	N
<i>Juncus rugulosus</i>	Wrinkled Rush	N
Lamiaceae	Mint Family	
<i>Lamium ampexicaule</i>	Henbit	E
<i>Marrubium vulgare</i>	Horehound	E
<i>Salvia apiana</i>	White Sage	N
<i>Salvia columbariae</i>	Chia	N
<i>Salvia mellifera</i>	Black Sage	N
<i>Stachys ajugoides</i>	Hedge Nettle	N
<i>Trichostema lanceolatum</i>	Vinegar Weed	N
Lemnaceae	Duckweed Family	
<i>Lemna</i> sp.	Duckweed	N

Liliaceae	Lily Family	
<i>Allium haematociton</i>	Red-Skin Onion	N
<i>Bloomeria crocea</i>	Golden Star	N
<i>Calochortus splendens</i>	Splendid Mariposa Lily	N
<i>Chlorogalum parviflorum</i>	Small Flower Soap Plant	N
<i>Dichelostemma capitatum</i>	Blue Dicks	N
<i>Muilla maritima</i>	Common Muilla	N
<i>Yucca whipplei</i>	Our Lord's Candle	N
Lythraceae	Loosestrife Family	
<i>Lythrum californicum</i>	California Loosestrife	N
<i>Lythrum hyssopifolia</i>	Grass Poly	E
Malvaceae	Mallow Family	
<i>Malacothamnus fasciculatus</i>	Bush Mallow	N
<i>Malva parviflora</i>	Cheeseweed	E
<i>Malvella leprosa</i>	Alkali Mallow	N
Meliaceae	Mahogany Family	
<i>Melia azedarach</i>	China Berry	E
Molluginaceae	Carpet-Weed Family	
<i>Glinus lotoides</i>	Lotus Sweetjuice	E
Moraceae	Mulberry Family	
<i>Ficus carica</i>	Edible Fig	E
Myrtaceae	Myrtle Family	
<i>Eucalyptus</i> sp.	Gum Tree	E
Nyctaginaceae	Four O'clock Family	
<i>Boerhavia coccinea</i>	Scarlet Spiderling	N
<i>Mirabilis laevis</i>	Wishbone Plant	N
Oleaceae	Olive Family	
<i>Fraxinus velutina</i>	Velvet Ash	N
<i>Olea europaea</i>	Olive	E
Onagraceae	Evening Primrose Family	
<i>Camissonia bistorta</i>	Southern Sun Cup	N
<i>Camissonia bistorta X hirtella</i>	Sun Cup Hybrid	N
<i>Camissonia californica</i>	False Mustard	N
<i>Camissonia hirtella</i>	Hairy Sun Cup	N

Scientific Name	Common Name	Native/Exotic/Status
<i>Camissonia ignota</i>	Jurupa Hills Sun Cup	N
<i>Clarkia purpurea</i>	Purple Clarkia	N
<i>Epilobium brachycarpum</i>	Annual Fireweed	N
<i>Epilobium canum</i>	California Fuchsia	N
<i>Epilobium ciliatum</i>	Willow Herb	N
<i>Gaura</i> sp.	Gaura	E
Oxalidaceae	Wood Sorrel Family	
<i>Oxalis pes-caprae</i>	Bermuda Buttercup	E
Papaveraceae	Poppy Family	
<i>Ehrendorferia chrysantha</i>	Golden Eardrops	N
<i>Eschscholzia caespitosa</i>	Tufted Poppy	N
<i>Eschscholzia californica</i>	California Poppy	N
Plantaginaceae	Plantain Family	
<i>Plantago coronopus</i>	Cut-Leaf Plantain	E
<i>Plantago erecta</i>	California Plantain	N
<i>Plantago lanceolata</i>	Narrow-Leaf Plantain	E
<i>Plantago major</i>	Plantain	E
Platanaceae	Plane Tree Family	
<i>Platanus racemosa</i>	Western Sycamore	N
Poaceae	Grass Family	
<i>Aristida purpurea</i>	Three-Awned Grass	N
<i>Arundo donax</i>	Giant Reed	E
<i>Avena fatua</i>	Wild Oat	E
<i>Bromus catharticus</i>	Rescue Grass	E
<i>Bromus diandrus</i>	Ripgut Grass	E
<i>Bromus hordeaceus</i>	Soft Chess	E
<i>Bromus madritensis</i> ssp. <i>rubens</i>	Red Brome	E
<i>Bromus tectorum</i>	Cheatgrass	E
<i>Cynodon dactylon</i>	Bermuda Grass	E
<i>Distichlis spicata</i>	Saltgrass	N
<i>Elymus condensatus</i>	Giant Wild Rye	N
<i>Hordeum brachyantherum</i>	Meadow Barley	N

Scientific Name	Common Name	Native/Exotic/Status
<i>Hordeum depressum</i>	Low Barley	N
<i>Hordeum murinum</i>	Mediterranean Barley	E
<i>Lamarckia aurea</i>	Goldentop	E
<i>Leymus triticoides</i>	Alkali Rye	N
<i>Lolium multiflorum</i>	Italian Ryegrass	E
<i>Lolium perenne</i>	Perennial Ryegrass	E
<i>Melica imperfecta</i>	California Melic	N
<i>Nassella lepida</i>	Foothill Needlegrass	N
<i>Nassella pulchra</i>	Purple Needlegrass	N
<i>Phalaris paradoxa</i>	Canary Grass	E
<i>Phalaris minor</i>	Mediterranean Canarygrass	E
<i>Poa annua</i>	Annual Bluegrass	E
<i>Polypogon monspeliensis</i>	Rabbitfoot Grass	E
<i>Schismus barbatus</i>	Mediterranean Grass	E
<i>Sorghum halepense</i>	Johnsongrass	E
<i>Sporobolus airoides</i>	Alkali Sacaton	N
<i>Vulpia microstachys</i> var. <i>pauciflora</i>	Few Flowered Fescue	N
<i>Vulpia myuros</i>	Fescue	E
Polemoniaceae	Phlox Family	
<i>Allophyllum glutinosum</i>	Blue False Gilia	N
<i>Eriastrum sapphirinum</i>	Blue Woolly-Star	N
<i>Gilia</i> spp.	Gilia	N
<i>Gilia angelensis</i>	Chaparral Gilia	N
<i>Gilia diegensis</i>	San Diego Gilia	N
<i>Leptosiphon liniflorus</i>	Narrowflower Flaxflower	N
<i>Navarretia atractyloides</i>	Skunkweed	N
Polygonaceae	Buckwheat Family	
<i>Chorizanthe parryi</i> var. <i>parryi</i>	Parry's Spineflower	N; MSHCP Covered Species; Not Adequately Conserved
<i>Chorizanthe polygonoides</i> var. <i>longispina</i>	Long Spined Spineflower	N; MSHCP Covered Species; Adequately Conserved

Scientific Name	Common Name	Native/Exotic/Status
<i>Chorizanthe staticoides</i>	Turkish Rugging	N
<i>Eriogonum elongatum</i>	Long-Stemmed Eriogonum	N
<i>Eriogonum fasciculatum</i> var. <i>fasciculatum</i>	California Buckwheat	
<i>Eriogonum fasciculatum</i> var. <i>foliolosum</i>	California Buckwheat	N
<i>Eriogonum fasciculatum</i> var. <i>polifolium</i>	California Buckwheat	N
<i>Eriogonum gracile</i>	Slender Buckwheat	N
<i>Lastarriaea coriacea</i>	Leather Spineflower	N
<i>Polygonum arenastrum</i>	Common Knotweed	E
<i>Polygonum</i> cf. <i>argyrocoleon</i>	Persian Knotweed	E
<i>Polygonum aviculare</i>	Prostrate Knotweed	E
<i>Pterostegia drymarioides</i>	Fairy Mist	N
<i>Rumex crispus</i>	Curly Dock	E
<i>Rumex salicifolius</i>	Willow-Leaved Dock	N
<i>Rumex violascens</i>	Mexican Dock	N
Portulacaceae	Purslane Family	
<i>Calandrinia ciliata</i>	Red Maids	N
<i>Calyptidium monandrum</i>	Sand-Cress	N
<i>Claytonia</i> sp.	Miners Lettuce	N
<i>Anagallis arvensis</i>	Scarlet Pimpernel	E
<i>Dodecatheon clevelandii</i>	Shooting Star	N
<i>Portulaca oleracea</i>	Purslane	E
<i>Stellaria</i> sp.	Chickweed	?
Primulaceae	Primrose Family	
<i>Ceanothus crassifolius</i>	Hoaryleaf Ceanothus	N
<i>Rhamnus crocea</i>	Red-Berry	N
Ranunculaceae	Buttercup Family	
<i>Clematis pauciflora</i>	Southern California Clematis	N
<i>Delphinium parryi</i>	San Bernardino Larkspur	N
Rosaceae	Rose Family	
<i>Adenostoma fasciculatum</i>	Chamise	N

Scientific Name	Common Name	Native/Exotic/Status
<i>Prunus ilicifolia</i> ssp. <i>ilicifolia</i>	Holly-Leaved Cherry	N
<i>Rosa californica</i>	California Wild Rose	N
Rubiaceae	Madder Family	
<i>Galium angustifolium</i>	Narrow-Leaf Bedstraw	N
<i>Galium aparine</i>	Annual Bedstraw	N
Salicaceae	Willow Family	
<i>Populus fremontii</i>	Fremont Cottonwood	N
<i>Salix exigua</i>	Sandbar Willow	N
<i>Salix gooddingii</i>	Goodding's Black Willow	N
<i>Salix laevigata</i>	Red Willow	N
<i>Salix lasiolepis</i>	Arroyo Willow	N
Saururaceae	Lizard-Tail Family	
<i>Anemopsis californica</i>	Yerba Mansa	N
Scrophulariaceae	Figwort Family	
<i>Antirrhinum coulterianum</i>	Snapdragon	N
<i>Antirrhinum nuttallianum</i>	Nuttall's Snapdragon	N
<i>Castilleja affinis</i>	Coast Indian Paintbrush	N
<i>Castilleja exserta</i>	Purple Owls Clover	N
<i>Collinsia concolor</i>	Southern Chinese Houses	N
<i>Keckiella antirrhinoides</i>	Chaparral Beard-Tongue	N
<i>Mimulus aurantiacus</i>	Sticky Monkeyflower	N
<i>Mimulus brevipes</i>	Hillside Monkeyflower	N
<i>Mimulus cardinalis</i>	Scarlet Monkeyflower	N
<i>Mimulus guttatus</i>	Common-Monkey Flower	N
<i>Mimulus pilosus</i>	False Monkeyflower	N
<i>Penstemon spectabilis</i>	Beard-Tongue	N
<i>Scrophularia californica</i>	Coast Figwort	N
<i>Veronica anagallis-aquatica</i>	Water Speedwell	E
<i>Veronica peregrina</i> ssp. <i>xalapensis</i>	Speedwell	N
Selaginellaceae	Spike Moss Family	
<i>Selaginella bigelovii</i>	Bigelow's Spikemoss	N

Simaroubaceae	Quassia Family	
<i>Ailanthus altissima</i>	Tree Of Heaven	E
Solanaceae	Nightshade Family	
<i>Datura wrightii</i>	Jimson Weed	N
<i>Nicotiana glauca</i>	Tree Tobacco	E
<i>Nicotiana quadrivalvis</i>	Indian Tobacco	N
<i>Solanum douglasii</i>	White Nightshade	N
<i>Solanum elaeagnifolium</i>	White Horse-Nettle	E
<i>Solanum umbelliferum</i>	Blue Witch Nightshade	N
Tamaricaceae	Tamarisk Family	
<i>Tamarix aphylla</i>	Athel	E
<i>Tamarix ramosissima</i>	Salt Cedar	E
Typhaceae	Cattail Family	
<i>Typha latifolia</i>	Broad-Leaved Cattail	N
Ulmaceae	Elm Family	
<i>Ulmus pumila</i>	Siberian Elm	E
Urticaceae	Nettle Family	
<i>Urtica dioica</i>	Stinging Nettle	N
<i>Urtica urens</i>	Dwarf Nettle	E
Verbenaceae	Vervain Family	
<i>Verbena lasiostachys</i>	Weedy Verbena	N
<i>Verbena tenuisecta</i>	South American Mock Vervain	E
Violaceae	Violet Family	
<i>Viola pedunculata</i>	Johnny Jump-Up	N
Viscaceae	Mistletoe Family	
<i>Phoradendron densum</i>	Dense Mistletoe	N
Zygophyllaceae	Caltrop Family	
<i>Tribulus terrestris</i>	Puncture Vine	E

**Appendix D-2
 Cumulative Wildlife List**

Common Name	Scientific Name
FISH	
<u>Minnnows and Relatives</u>	<u>Cyprinidae</u>
Common Carp	<i>Cyprinus carpio</i> (non-native)
<u>Livebearers</u>	<u>Poeciliidae</u>
Western Mosquitofish	<i>Gambusia affinis</i> (non-native)
AMPHIBIANS -AMPHIBIA	
<u>True Toads</u>	<u>Bufo</u>
California (Western) Toad	<i>Bufo boreas halophilus</i>
<u>Treefrogs and Relatives</u>	<u>Hylidae</u>
Pacific Treefrog	<i>Hyla regilla</i>
<u>True Frogs</u>	<u>Ranidae</u>
Bullfrog	<i>Rana catesbeiana</i> (non-native)
REPTILES-REPTILIA	
<u>Horned and Spiny Lizards</u>	<u>Phrynosomatidae</u>
Side-blotched Lizard	<i>Uta stansburiana</i>
Western Fence Lizard	<i>Sceloporus occidentalis</i>
<u>Whiptails and Relatives</u>	<u>Teiidae</u>
Coastal Western Whiptail	<i>Aspidoscelis tigris stejnegeri</i>
Belding's Orange-throated Whiptail	<i>Aspidoscelis hyperythra beldingi</i>
<u>Colubrid Snakes</u>	<u>Colubridae</u>
Night Snake	<i>Hypsiglena torquata</i>
California Kingsnake	<i>Lampropeltis getula californiae</i>
Coachwhip	<i>Masticophis flagellum</i>
<u>Vipers</u>	<u>Viperidae</u>
Southwestern Speckled Rattlesnake	<i>Crotalus mitchellii pyrrhus</i>
BIRDS-AVES	
<u>Ducks, Geese, and Swans</u>	<u>Anatidae</u>
Wood Duck	<i>Aix sponsa</i>
Gadwall	<i>Anas strepera</i>
Mallard	<i>Anas platyrhynchos</i>

Common Name	Scientific Name
Cinnamon Teal	<i>Anas cyanoptera</i>
Green-winged Teal	<i>Anas crecca</i>
<u>New World Quail</u>	<u>Odontophoridae</u>
California Quail	<i>Callipepla californica</i>
<u>Grebes</u>	<u>Podicipedidae</u>
Pied-billed Grebe	<i>Podilymbus podiceps</i>
<u>Pelicans</u>	<u>Pelecanidae</u>
American White Pelican	<i>Pelecanus erythrorhynchos</i>
<u>Cormorants</u>	<u>Phalacrocoracidae</u>
Double-crested Cormorant	<i>Phalacrocorax auritus</i>
<u>Hérons, Bitterns, and Allies</u>	<u>Ardeidae</u>
American Bittern	<i>Botaurus lentiginosus</i>
Great Blue Heron	<i>Ardea herodias</i>
Great Egret	<i>Ardea alba</i>
Snowy Egret	<i>Egretta thula</i>
Green Heron	<i>Butorides virescens</i>
Black-crowned Night-Heron	<i>Nycticorax nycticorax</i>
<u>American Vultures</u>	<u>Cathartidae</u>
Turkey Vulture	<i>Cathartes aura</i>
<u>Hawks, Kites, Eagles</u>	<u>Accipitridae</u>
Osprey	<i>Pandion haliaetus</i>
White-tailed Kite	<i>Elanus leucurus</i>
Northern Harrier	<i>Circus cyaneus</i>
Sharp-shinned Hawk	<i>Accipiter striatus</i>
Cooper's Hawk	<i>Accipiter cooperii</i>
Red-shouldered Hawk	<i>Buteo lineatus</i>
Swainson's Hawk	<i>Buteo swainsoni</i>
Red-tailed Hawk	<i>Buteo jamaicensis</i>
Ferruginous Hawk	<i>Buteo regalis</i>
Golden Eagle	<i>Aquila chrysaetos</i>
<u>Falcons</u>	<u>Falconidae</u>
American Kestrel	<i>Falco sparverius</i>
Peregrine Falcon	<i>Falco peregrinus</i>
Prairie Falcon	<i>Falco mexicanus</i>

Common Name	Scientific Name
<u>Rails, Gallinules, and Coots</u>	<u>Rallidae</u>
Virginia Rail	<i>Rallus limicola</i>
Sora	<i>Porzana carolina</i>
Common Moorhen (found dead)	<i>Gallinula chloropus</i>
American Coot	<i>Fulica americana</i>
<u>Lapwings and Plovers</u>	<u>Charadriidae</u>
Killdeer	<i>Charadrius vociferus</i>
<u>Stilts and Avocets</u>	<u>Haematopodidae</u>
Black-necked Stilt	<i>Himantopus mexicanus</i>
American Avocet	<i>Recurvirostra americana</i>
<u>Sandpipers, Phalaropes, and Allies</u>	<u>Scolopacidae</u>
Greater Yellowlegs	<i>Tringa melanoleuca</i>
Solitary Sandpiper	<i>Tringa solitaria</i>
Least Sandpiper	<i>Calidris minutilla</i>
Short-billed Dowitcher	<i>Limnodromus griseus</i>
Long-billed Dowitcher	<i>Limnodromus scolopaceus</i>
Wilson's Snipe	<i>Gallinago delicata</i>
<u>Skuas, Gulls, and Terns</u>	<u>Laridae</u>
Ring-billed Gull	<i>Larus delawarensis</i>
California Gull	<i>Larus californicus</i>
Caspian Tern	<i>Sterna caspia</i>
<u>Pigeons and Doves</u>	<u>Columbidae</u>
Rock Pigeon	<i>Columba livia</i> (non-native)
Eurasian Collared-Dove	<i>Streptopelia decaocto</i> (non-native)
Mourning Dove	<i>Zenaida macroura</i>
Common Ground-Dove	<i>Columbina passerina</i>
<u>Parrots and Relatives</u>	<u>Psittaciformes</u>
Parrot-sp.	sp. (non-native)
<u>Cuckoos, Roadrunners, and Anis</u>	<u>Cuculidae</u>
Greater Roadrunner	<i>Geococcyx californianus</i>
<u>Barn Owls</u>	<u>Tytonidae</u>
Barn Owl	<i>Tyto alba</i>

Common Name	Scientific Name
<u>Typical Owls</u>	<u>Strigidae</u>
Great Horned Owl	<i>Bubo virginianus</i>
<u>Burrowing Owl</u>	<u>Athene cunicularia</u>
<u>Goatsuckers</u>	<u>Caprimulgidae</u>
Lesser Nighthawk	<i>Chordeiles acutipennis</i>
<u>Swifts</u>	<u>Apodidae</u>
White-throated Swift	<i>Aeronautes saxatalis</i>
Vaux's Swift	<i>Chaetura vauxi</i>
<u>Hummingbirds</u>	<u>Trochilidae</u>
Black-chinned Hummingbird	<i>Archilochus alexandri</i>
Anna's Hummingbird	<i>Calypte anna</i>
Costa's Hummingbird	<i>Calypte costae</i>
Allen's Hummingbird	<i>Selasphorus sasin</i>
<u>Kingfishers</u>	<u>Alcedinadae</u>
Belted Kingfisher	<i>Ceryle alcyon</i>
<u>Woodpeckers</u>	<u>Picidae</u>
Acorn Woodpecker	<i>Melanerpes formicivorus</i>
Nuttall's Woodpecker	<i>Picoides nuttallii</i>
<u>Downy Woodpecker</u>	<u>Picoides pubescens</u>
Northern Flicker	<i>Colaptes auratus</i>
<u>Tyrant Flycatchers</u>	<u>Tyrannidae</u>
Olive-sided Flycatcher	<i>Contopus cooperi</i>
Western Wood-pewee	<i>Contopus sordidulus</i>
Willow Flycatcher*	<i>Empidonax traillii</i>
Hammond's Flycatcher	<i>Empidonax hammondii</i>
Pacific-slope Flycatcher	<i>Empidonax difficilis</i>
Black Phoebe	<i>Sayornis nigricans</i>
Say's Phoebe	<i>Sayornis saya</i>
Ash-throated Flycatcher	<i>Myiarchus cinerascens</i>
Cassin's Kingbird	<i>Tyrannus vociferans</i>
Western Kingbird	<i>Tyrannus verticalis</i>
<u>Shrikes</u>	<u>Laniidae</u>
<u>Loggerhead Shrike</u>	<u>Lanius ludovicianus</u>

Common Name	Scientific Name
<u>Vireos</u>	<u>Vireonidae</u>
Least Bell's Vireo	<i>Vireo bellii pusillus</i>
Cassin's Vireo	<i>Vireo cassinii</i>
Warbling Vireo	<i>Vireo gilvus</i>
<u>Jays, Magpies and Crows</u>	<u>Corvidae</u>
Western Scrub-jay	<i>Aphelocoma californica</i>
American Crow	<i>Corvus brachyrhynchos</i>
Common Raven	<i>Corvus corax</i>
<u>Larks</u>	<u>Alaudidae</u>
California Horned Lark	<i>Eremophila alpestris actia</i>
<u>Swallows</u>	<u>Hirundinidae</u>
Purple Martin	<i>Progne subis</i>
Tree Swallow	<i>Tachycineta bicolor</i>
Violet-green Swallow	<i>Tachycineta thalassina</i>
Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>
Cliff Swallow	<i>Petrochelidon pyrrhonota</i>
Barn Swallow	<i>Hirundo rustica</i>
<u>Titmice and Chickadees</u>	<u>Paridae</u>
Mountain Chickadee	<i>Poecile gambeli</i>
Oak Titmouse	<i>Baeolophus inornatus</i>
<u>Long-tailed Tits and Bushtits</u>	<u>Aegithalidae</u>
Bushtit	<i>Psaltriparus minimus</i>
<u>Wrens</u>	<u>Troglodytidae</u>
Rock Wren	<i>Salpinctes obsoletus</i>
Bewick's Wren	<i>Thryomanes bewickii</i>
House Wren	<i>Troglodytes aedon</i>
Marsh Wren	<i>Cistothorus palustris</i>
<u>Kinglets</u>	<u>Regulidae</u>
Ruby-crowned Kinglet	<i>Regulus calendula</i>
<u>Old World Warblers & Gnatcatchers</u>	<u>Sylviidae</u>
Blue-gray Gnatcatcher	<i>Polioptila caerulea</i>
Coastal California Gnatcatcher	<i>Polioptila californica californica</i>

Common Name	Scientific Name
<u>Thrushes</u>	<u>Turdidae</u>
Western Bluebird	<i>Sialia mexicana</i>
Swainson's Thrush	<i>Catharus ustulatus</i>
American Robin	<i>Turdus migratorius</i>
<u>Babblers</u>	<u>Timaliidae</u>
Wrentit	<i>Chamaea fasciata</i>
<u>Mockingbirds and Thrashers</u>	<u>Mimidae</u>
Northern Mockingbird	<i>Mimus polyglottos</i>
California Thrasher	<i>Toxostoma redivivum</i>
<u>Starlings</u>	<u>Sturnidae</u>
European Starling	<i>Sturnus vulgaris</i> (non-native)
<u>Wagtails and Pipits</u>	<u>Motacillidae</u>
American Pipit	<i>Anthus rubescens</i>
<u>Silky-Flycatchers</u>	<u>Ptilonotidae</u>
Phainopepla	<i>Phainopepla nitens</i>
<u>Wood-Warblers</u>	<u>Parulidae</u>
Orange-crowned Warbler	<i>Vermivora celata</i>
Nashville Warbler	<i>Vermivora ruficapilla</i>
Yellow Warbler	<i>Dendroica petechia brewsteri</i>
Yellow-rumped Warbler	<i>Dendroica coronata</i>
Black-throated Gray Warbler	<i>Dendroica nigrescens</i>
Townsend's Warbler	<i>Dendroica townsendi</i>
Hermit Warbler	<i>Dendroica occidentalis</i>
Common Yellowthroat	<i>Geothlypis trichas</i>
Yellow-breasted Chat	<i>Icteria virens</i>
<u>Emberizines</u>	<u>Emberizidae</u>
Spotted Towhee	<i>Pipilo maculatus</i>
California Towhee	<i>Pipilo crissalis</i>
Southern California Rufous-crowned Sparrow	<i>Aimophila ruficeps canescens</i>
Chipping Sparrow	<i>Spizella passerina</i>
Brewer's Sparrow	<i>Spizella breweri</i>
Vesper Sparrow	<i>Pooecetes gramineus</i>

Common Name	Scientific Name
Lark Sparrow	<i>Chondestes grammacus</i>
Bell's Sage Sparrow	<i>Amphispiza belli belli</i>
Savannah Sparrow	<i>Passerculus sandwichensis</i>
Fox Sparrow	<i>Passerella iliaca</i>
Song Sparrow	<i>Melospiza melodia</i>
White-crowned Sparrow	<i>Zonotrichia leucophrys</i>
Golden-crowned Sparrow	<i>Zonotrichia atricapilla</i>
<u>Cardinals, Saltators, and Allies</u>	<u>Cardinalidae</u>
Summer Tanager	<i>Piranga rubra</i>
Western Tanager	<i>Piranga ludoviciana</i>
Black-headed Grosbeak	<i>Pheucticus melanocephalus</i>
Blue Grosbeak	<i>Passerina caerulea</i>
Lazuli Bunting	<i>Passerina amoena</i>
<u>Blackbirds and Allies</u>	<u>Icteridae</u>
Red-winged Blackbird	<i>Agelaius phoeniceus</i>
Western Meadowlark	<i>Sturnella neglecta</i>
Brewer's Blackbird	<i>Euphagus cyanocephalus</i>
Great-tailed Grackle	<i>Quiscalus mexicanus</i>
Brown-headed Cowbird	<i>Molothrus ater</i>
Hooded Oriole	<i>Icterus cucullatus</i>
Bullock's Oriole	<i>Icterus bullockii</i>
<u>Finches</u>	<u>Fringillidae</u>
Purple Finch	<i>Carpodacus purpurascens</i>
House Finch	<i>Carpodacus mexicanus</i>
Lesser Goldfinch	<i>Carduelis psaltria</i>
Lawrence's Goldfinch	<i>Carduelis lawrencei</i>
American Goldfinch	<i>Carduelis tristis</i>
<u>Old World Sparrows</u>	<u>Passeridae</u>
House Sparrow	<i>Passer domesticus</i> (non-native)
MAMMALS-MAMMALIA	
<u>Bats</u>	<u>Chiroptera</u>
Bat sp.	sp.
<u>Rabbits and Hares</u>	<u>Leporidae</u>
Audubon's Cottontail	<i>Sylvilagus audubonii</i>

Common Name	Scientific Name
San Diego Black- tailed Jackrabbit	<i>Lepus californicus bennettii</i>
<u>Squirrels, Chipmunks, & Marmots</u>	<u>Sciuridae</u>
California Ground Squirrel	<i>Spermophilus beecheyi</i>
<u>Pocket Gophers</u>	<u>Geomyidae</u>
Botta's Pocket Gopher	<i>Thomomys bottae</i>
<u>Pocket Mice and Kangaroo Rats</u>	<u>Heteromyidae</u>
Dulzura Kangaroo Rat	<i>Dipodomys simulans</i>
Stephens' Kangaroo Rat (burrows)	<i>Dipodomys stephensi</i>
<u>Mice and Rats</u>	<u>Muridae</u>
Northwestern San Diego Pocket Mouse	<i>Chaetodipus fallax fallax</i>
House Mouse	<i>Mus musculus</i> (non-native)
California Vole	<i>Microtus californicus</i>
Brush Mouse	<i>Peromyscus boylii</i>
Cactus Mouse	<i>Peromyscus eremicus</i>
Deer Mouse	<i>Peromyscus maniculatus</i>
Dusky-footed Woodrat (nest)	<i>Neotoma fuscipes</i>
San Diego Desert Woodrat	Neotoma lepida
Harvest mouse	<i>Reithrodontomys megalotis</i>
<u>Foxes, Wolves and Coyotes</u>	<u>Canidae</u>
Coyote	<i>Canis latrans</i>
<u>Raccoons and Relatives</u>	<u>Procyonidae</u>
Raccoon	<i>Procyon lotor</i>
<u>Cats</u>	<u>Felidae</u>
Bobcat	<i>Lynx rufus</i>
<u>Pigs</u>	<u>Suidae</u>
Wild Pig	<i>Sus scrofa</i> (non-native)
<u>Deer, Elk, and Relatives</u>	<u>Cervidae</u>
Black-tailed Mule Deer (tracks)	<i>Odocoileus hemionus</i>

* = The MSHCP plans to conserve the locally nesting Southwestern Willow Flycatcher. The Willow Flycatchers detected on the Valley-Ivyglen alignment were migratory individuals of more northerly subspecies.