

WESTERN RIVERSIDE COUNTY HABITAT ASSESSMENT AND MSHCP CONSISTENCY ANALYSIS

CITY OF PERRIS, COUNTY OF RIVERSIDE, CALIFORNIA

**PACIFIC LANTANA
Tentative Tract No. 37907
APN: 311-030-012 & 013**

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Consistency Analysis

Assessor's Parcel Number: APN: 311-030-012 & 013

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SECTION 1: EXECUTIVE SUMMARY

This report contains the results of a habitat assessment and MSHCP consistency analysis conducted by RCA Associates, Inc on a 13.58-acre parcel located in the City of Perris, Riverside County, California (Figures 1, 2, and 3). The project site is located within the boundaries of the Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP). The purpose of the habitat assessment and MSHCP consistency analysis is to identify potential impacts to biological resources associated with construction of the proposed residential project. The project proponent is proposing to construct a tentative tract map (TTM 37907) consisting of 92 lots, a recreation area, and a WQ basin.

This report describes the results of the site visit conducted on September 8, 2021, which assessed the property for the potential to support special-status species, and the presence of other sensitive biological resources protected by local, state, and federal laws and regulations. If any special status species were observed during the site visit, they have been recorded accordingly. This report also contains an evaluation of potential impacts to special-status species and sensitive biological resources which may occur as a result of the proposed Project, and the potential mitigation measures which may be required to compensate for those impacts. The assessment includes a review of pertinent literature, a review of the California Natural Diversity Database (CNDDDB), field investigations, and analysis of potential impacts to biological resources. As per MSHCP requirements, a focused survey for the burrowing owl (*Athene cunicularia*) was also conducted.

SECTION 2: INTRODUCTION

At the request of the project proponent, RCA Associates, Inc., conducted a habitat assessment and MSHCP Consistency Analysis for the 13.58-acre parcel located in the City of Perris, Riverside County, California (Figures 1, 2, and 3). The proposed project will hereafter be referred to as the “project” or “project site.”

2.1 Project Location

The 13.58-acre project site (APN: 311-030-012 & 013) is bounded by North A Street to the east, West Metz Road to the south, and McKimball Road to the west in the city of Perris, Riverside County, California 92570. The site is specifically located in the SW ¼ of the NW ¼ of Section 30, Township 4 South, Range 3 West, USGS Perris 7.5-minute California quadrangle, in the San Bernardino Principal Meridian. A residential development is located adjacent to the northern boundary, to the west of the site, across McKimball, is a single-family residential development, single-family residential units, and vacant land between the development and units, vacant land is located east and south, across North A Street and West Metz Road. The site is highly disturbed, having been previously graded, although revegetation has occurred and the property now supports a ruderal plant community dominated by wild oat (*Avena fatua*), fiddleneck (*Amsinckia tessellata*), and tumbleweed (*Kali tragus ssp. tragus*).

2.2 Project Description

The project proponent is proposing to construct a single-family residential development (TTM 37909) that will consist of 92 lots, each with a minimum lot size of 3,760 square feet (SQFT). A total of 1.40-acres will be designated public open space, this includes a 9,210 SQFT WQ basin that will be located on the northeast corner of the project area, and a recreational area, to be located in the center of the site, that will include a recreational building, pool, jacuzzi, basketball half-court, toddler play area, sitting BBQ area, dog park, call box, and automatic gate. Development activities would occur within the boundaries of the property, which as discussed above, has been previously disturbed and graded. (Figure 4a & b). .

2.3 Reserve Assembly Analysis

The project site does not occur within a Cell or Cell Group, the closest Cell (2633) is located approximately 1.20 miles northwest and will not have any impact on any core linkages in the region. The 13.58-acre site does not support any populations of any Planning Species and the proposed project will not impede the overall function of any Planning Species.

Section 3: METHODS

RCA Associates, Inc. evaluated the project site in relation to the MSHCP areas including criteria cells, core habitat, linkages, and areas proposed for conservation. The MSHCP also requires a riparian/riverine and vernal pool habitat assessments within the project site which were conducted by biologists from RCA Associates, Inc. According to the MSHCP, the documentation for the assessment shall include mapping and a description of the functions and values of the mapped areas with respect to the species listed in Section 6.1.2. In addition, protection of species associated with riparian/riverine areas and vernal pools (e.g., fairy shrimp) also needs to be addressed if such habitat is present on the site.

3.1 Literature Review and Field Investigations

Prior to conducting the field investigations, a literature review was conducted of background data as well as the environmental setting of the project site. The literature reviewed included, but was not limited to, the United States Department of Agriculture (USDA 1971) Soil Survey for the project site, U.S. Fish, and Wildlife Service (USFWS) data sources, and the California Natural Diversity Database (CNDDDB, 2021). The closest recorded location of sensitive species was determined through a five-mile radius query of the CNDDDB (2021) (Appendix A, Table 1). A search of the CNDDDB database was conducted for the Perris USGS California quadrangle and the surrounding eight quadrangles (See Appendix B for results of CNDDDB search.). The CNDDDB database was reviewed to locate the previously recorded locations of sensitive plant and wildlife occurrences and determine the distance from the project site. Additionally, the Riverside County MSHCP was reviewed for additional information on the known occurrence of the species within Riverside County.

The MSHCP Online Conservation Report Generator and Riverside County Land Information System (RCLIS) databases were queried to determine the specific requirements for compliance with the policies of the MSHCP as described in Volume 1, Chapter 6 Implementation Structure (RCIP 2004), i.e. Reserve Assembly (6.1.1); Riparian/Riverine and Vernal Pools (6.1.2); Narrow Endemic Plants (6.1.3); Urban/Wildlands Interface (6.1.4); and Additional Survey Needs (6.2.3).

RCA Associates, Inc. personnel Ryan Hunter, Lisa Cardoso, and Jessica Hensley surveyed the project site on September 8, 2021 from about 0900 to 1100. Weather conditions during the survey included 0 percent cloud cover and 0-5 mph winds for the duration of the survey. Temperatures ranged from low-80's's to mid-80's °F. The entire project site was assessed to determine the extent of plant communities and to evaluate the presence of any areas which may have any jurisdictional features or may support riparian/riverine habitat. Parameters assessed included soil conditions, the presence of indicator species, slope, aspect, and hydrology.

3.2 Plant Communities

Plant communities on the site were initially evaluated using aerial photography and were evaluated on the ground using pedestrian surveys conducted by biologists from RCA Associates, Inc. on September 8, 2021. The plant communities within the project site were classified according to the California Department of Fish and Wildlife (CDFW) List of Terrestrial Natural Communities (2003) and descriptions provided in Holland's Preliminary Descriptions of the Terrestrial Natural Communities of California (1986) were also reviewed. Currently, the site has been heavily disturbed, having previously been graded, with revegetation occurring that consists predominantly of non-native vegetation.

3.3 Riparian/Riverine Habitat, Vernal Pools and Fairy Shrimp

Aerial photography was reviewed prior to conducting the field investigations in September 2021. The aerial photographs were used to determine if any potential natural drainage features and water bodies that may be considered riparian/riverine habitat or which may be under the jurisdiction of either the U.S. Army Corps of Engineers (USACE) and/or CDFW were present on the site. Such areas are considered potentially riparian/riverine habitat and may be subject to State and federal regulatory authority as "Waters of the State" or "Waters" of the U.S. Under the MSHCP, riparian/riverine habitat is defined as lands which contain habitat dominated by trees, shrubs, persistent emergent, or emergent mosses and lichens, which occur close to or which depend upon soil moisture from a nearby freshwater source, or areas with freshwater flow during all or a portion of the year.

Vernal pools are considered an important habitat in Southern California and provide critical habitat for various species, including State and federal listed species such as fairy shrimp. No vernal pools have been previously mapped for the site nor were any vernal pools observed during the September 8, 2021 field investigations. The proposed project is not expected to impact any vernal pools nor will any fairy shrimp be impacted.

3.4 Plants

Plant species observed during the field survey were identified by visual characteristics and morphology in the field and recorded in a field notebook. Samples of some plant species were collected and returned to the lab for identification using taxonomical guides. A list of all species observed on the project site was compiled from the survey data (Appendix A, Table 1). The taxonomic nomenclature used in this study follows the California Native Plant Society (CNPS 2021).

3.5 Wildlife

Wildlife species detected during the field surveys were identified by sight, calls, tracks, scat, or other signs and were recorded in a field notebook. Field guides were used to assist with identification of species during surveys and included the Sibley Field Guide to Birds of Western North America (2017) and Peterson Field Guide to Mammals of North America (2006). Although common names of wildlife species are relatively well standardized, scientific names are used in this report and are provided in Table 2, Appendix A for reference.

As part of the field investigations, the project site was also evaluated for the presence of suitable burrowing owl (*Athene cunicularia*) habitat. Field investigations for the species habitat was conducted in conjunction with the general biological surveys. Burrowing owls use a variety of natural and modified habitats for nesting and foraging. As noted above, the site appears to have been previously graded years prior; although, revegetation has occurred throughout the site. The property currently supports a ruderal plant community and both parcels are located in the MSHCP survey area for burrowing owls. During the habitat assessment, 10 meter transects were walked throughout the property to identify the presence of any owls or potential owl burrows (burrows

that have a minimum 4-inch opening). Multiple ground squirrel burrows were observed during the field investigations, although none of the burrows had a large enough opening (largest opening measured was approximately 3-inches) and no owl signs (e.g., castings, whitewas, etc.) were observed in or surrounding the burrows.

3.6 Regional Connectivity/Wildlife Habitat Linkages

The analysis of wildlife habitat linkages associated with the Study Area is based on information compiled from literature, including MSHCP-mapped habitat linkages (Figure 3-2, Schematic Cores and Linkages Map in the MSHCP [2004]); analysis of aerial photographs; and direct observations (including sign, tracks and physical movement barriers, including recent development) made in the field during the September 2021 field investigations. This information was crucial to assessing the relationship of the project site to large open space areas in the region. The discussions in this report are intended to focus on wildlife movement associated with the property and the immediate vicinity.

Wildlife habitat linkages mitigate the effects of habitat fragmentation by (1) allowing animals to move between remaining habitats, which allows depleted populations to be replenished and promotes genetic diversity; (2) providing escape routes from natural disasters, predators, and human disturbances, thus reducing the risk that catastrophic events (such as fires or disease) will result in population or local species extinction; and (3) serving as travel routes for individual animals as they move within their home ranges in search of food, water, mates, and other needs (Noss 1983, Fahrig and Merriam 1985, Simberloff and Cox 1987, Harris and Gallagher 1989). Wildlife linkages are landscape features that connect and link habitat patches or habitat cores with each other. They serve a similar purpose in that they are areas that allow for animal movement, but they may not have all the resources a particular species needs to complete its life cycle.

3.7 Additional Survey Needs and Procedures

Based on the results of the field investigations conducted on the 13.58-acre site on September 8, 2021, it is the opinion of RCA Associates, Inc. that the only survey needed is a burrowing owl

survey due to both parcels existing under the burrowing owl survey area. As discussed above, the site has been significantly disturbed in the past and does not support any undisturbed native habitats, nor does it support any special status species. The nearest habitat core to the project site is approximately 1 mile northwest of the site, Proposed Core 4, which is more than sufficient distance to have no adverse effects due to construction. It is the opinion of RCA Associates, Inc. that the project site does not have any effects on existing or proposed cores or linkages due to the distance between the nearest proposed core and existing development surrounding the site.

SECTION 4: EXISTING CONDITIONS

4.1 Environmental Setting

The relatively flat site, 455 meters above mean sea level, has been heavily disturbed and previously graded. Revegetation has occurred on the property, with the current habitat consisting of a ruderal plant community dominated by non-native grasses (Appendix A, Figure 6). The project site is located within an area of Perris that has been developed or disturbed over the last few decades. The project site is located adjacently south of a residential development, to the west of the site, across McKimball, is a single-family residential development, single-family residential units, and vacant land in between the units and development, vacant land is located east across North A Street and south across West Metz Road (Figures 1 and 2).

4.2 Soils

According to the Soil Survey provided by the U.S. Department of Agriculture, the soil on the property consists of three varieties of soils: Exeter sandy loam (EnC2), Greenfield sandy loam (GyC2), and Ramona sandy loam (RaB2).

- Exeter sandy loam (EnC2) - 2 to 8 percent slope, well drainage, no frequency of ponding or flooding, medium runoff, and very low capacity of most limiting layer to transmit water.
- Greenfield sandy loam (GyC2) - 2 to 8 percent slope, well drainage, no frequency of flooding or ponding, low runoff, and moderately high to high capacity of most limiting layer to transmit water.
- Ramona sandy loam (RaB2) - 2 to 5 percent slope, well drainage, no frequency of flooding or ponding, low runoff, moderately high capacity of most limiting layer to transmit water.

The soils are not listed as a hydric soil (U.S. Department of Agriculture [USDA] National List of Hydric Soils, 2021).

4.3 Plant Communities

The site has been heavily disturbed by past human activities and previously graded of all native vegetation (Appendix A, Figure 3). The site supports a ruderal habitat consisting of non-native vegetation that includes: wild oat (*Avena fatua*), tumbleweed (*Kali tragus subsp. tragus*), stinknet (*Oncosiphon piluliferum*), common sunflower (*Helianthus annuus*), western Jimson weed (*Datura wrightii*), vinegar weed (*Trichostema lanceolatum*), dove weed (*Croton setigerus*), stork's bill (*Erodium cicutarium*), telegraphweed (*Heterotheca grandiflora*), fiddleneck (*Amsinckia tessellata*), flatspine bur ragweed (*Ambrosia acanthicarpa*), and rattlesnake weed (*Euphorbia albomarginata*). The only tree located on the site was a tree of heaven (*Ailanthus altissima*) along the western boundary of the property. A compendium of all plant species observed during the September 8, 2021 survey is provided in Table 1.

4.4 Jurisdictional Waters

The United States Army Corps of Engineers (USACE) regulates discharges of dredged or fill material into waters of the United States, and the State of California also regulates waters of the State and streambeds under the preview of regional water quality boards and CDFW jurisdiction. These waters include wetlands and non-wetland bodies of water that meet specific criteria. No jurisdictional areas were observed on the site, nor was any riparian habitat observed during the September 8, 2021 field investigations. In addition, plant species typically associated with jurisdictional and/or riparian area (e.g., persistent emergent, emergent mosses, willows, and sedges, etc.) were not observed.

4.5 Nesting and Riparian Birds

The property does not contain suitable nesting bird habitat for avian species given the lack of presence of trees, the only tree was an approximately 9 foot tree of heaven, on the heavily disturbed project area and the amount of non-native vegetation dominating the site. No nests or breeding behavior were observed on the site. Nesting birds are protected under Section 3503 of the CDFW code and/or the Migratory Bird Treaty Act (MBTA). A few common bird species were observed within the project area during the surveys included red tailed hawk (*buteo jamaicensis*), Cassin's kingbird (*Tyrannus vociferans*), Say's phoebe (*Sayornis saya*), Anna's

hummingbird (*Calypte anna*), lesser goldfinches (*Spinus psaltria*), mourning dove (*Zenaida macroura*), and house finch (*Haemorhous mexicanus*). All bird species observed are included in the faunal compendium in Appendix A, Table 2.

4.6 Multiple Species Habitat Conservation Plan (MSHCP) Survey Areas

Both parcels, APN: 311-030-012 & 013, on the project site are located within the MSHCP Additional Survey Areas for Burrowing Owls; therefore, a focused survey was conducted for the owl using standard survey protocol as defined in the MSHCP and by CDFW. As noted in Section 3.5, the site supports minimal habitat or occupiable burrows which could potentially be utilized by burrowing owls (BUOW) and no owls or owl signs were observed during the field investigations on the 13.58 acre-site. In addition, a pre-construction survey for the species will also be required prior to the start of ground disturbance activities. As stated in CDFW's *Staff Report on Burrowing Owl Mitigation*, the most effective method of completing a pre-construction survey (take avoidance survey) should be performed within 14 days of ground disturbance, followed by a final pre-construction survey within 24 hours of breaking ground.

4.7 Federal and State Listed Species

There are several special status wildlife species which have been documented in the region and those species occurring in the Perris Quadrangle and the surrounding eight quadrangles (Appendix B).

There are twenty-two federal and/or State listed wildlife species which have been documented in the Perris quadrangle, these include: western spadefoot (*Spea hammondi*), California horned lark (*Eremophila alpestris actia*), tricolored blackbird (*Agelaius tricolor*), southern California rufous-crowned sparrow (*Aimophila ruficeps canescens*), coastal California gnatcatcher (*Polioptila californica californica*), burrowing owl (*Athene cunicularia*), least bell's vireo (*Vireo bellii pusillus*), southern grasshopper mouse (*Onychomys torridus ramona*), northwestern San Diego pocket mouse (*Chaetodipus fallax fallax*), Stephens' kangaroo rat (*Dipodomys stephensi*), Los Angeles pocket mouse (*Perognathus longimembris brevinasus*), San diego black-tailed jackrabbit (*Lepus californicus bennettii*), western mastiff bat (*Eumops perotis californicus*), American badger (*Taxidea taxus*), western yellow bat (*Lasiurus xanthinus*), southern California legless lizard

(*Anniella stebbinsi*), California glossy snake (*Arizona elegans occidentalis*), western pond turtle (*Emys marmorata*), coast horned lizard (*Phrynosoma blainvillii*), orange-throated whiptail (*Aspidoscelis hyperythra*), coastal whiptail (*Aspidoscelis tigris stejnegeri*), and red-diamond rattlesnake (*Crotalus ruber*). There are two federal and/or State listed invertebrates occurring in the region which is the crotch bumble bee (*Bombus crotchii*) and the white cuckoo bee (*Neolarra alba*). Each of the above listed species has specific habitat requirements in order to support populations of the species, and the probability of the site supporting any of these species is discussed in Section 6.3.

There are eleven federal and/or State listed plants that have been documented in the region including: smooth tarplant (*Centromadia pungens ssp. laevis*), Coulter's goldfields (*Lasthenia glabrata ssp. coulteri*), Wright's trichocoronis (*Trichocoronis wrightii var. wrightii*), Payson's jewelflower (*Caulanthus simulans*), San Jacinto Valley crownscale (*Atriplex coronata var. notatior*), Parish's brittlescale (*Atriplex parishii*), Davidson's saltscale (*Atriplex sereaba var. davidsonii*), chaparral sand-verbena (*Abronia villosa var. aurita*), spreading navarretia (*Navarretia fossalis*), thread-leaved brodiaea (*Brodiaea filifolia*), and long-spined spineflower (*Chorizanthe polygonoides var. longispina*). The probability of any of these plants occurring on the site is discussed in Section 6.3.

4.8 Wildlife Species of Special Concern and Special Status Plants

Focused surveys were not conducted for any species of special, except for the burrowing owl. No owls were observed during the field investigations conducted on the site in September 8, 2021, and no owl signs (e.g., castings, whitewash, feathers, etc.) were observed at any of the ground squirrel burrows. The burrowing owl could potentially inhabit the site in the future given the fact that owls are sometimes found in disturbed urban areas, and presence of California ground squirrel burrows. Given the presence of suitable habitat, a 30-day pre construction survey will be required as per MSHCP requirements. In terms of the special status plants which have been documented in the region (Appendix A, CNDDDB tables), these plants are unlikely to occur on the site given the past disturbances performed in previous years. No focused plant surveys were conducted during the September 8, 2021 field investigations.

SECTION 5: WESTERN RIVERSIDE COUNTY MSHCP CONSISTENCY ANALYSIS

5.1 MSHCP Requirements

The purpose of this discussion is to provide an analysis of the proposed project with respect to compliance with biological aspects of the Western Riverside County MSHCP. Specifically, this analysis evaluates the proposed project with respect to the project's compliance with MSHCP Reserve Assembly Requirements (Section 6.1.1); Protection of Species Associated with Riparian/Riverine Areas and Vernal Pools (Section 6.1.2); Protection of Narrow Endemic Plant Species (Section 6.1.3); Guidelines Pertaining to the Urban/Wildlands Interface (Section 6.1.4), and Additional Survey Needs and Procedures (Section 6.3.2).

5.2 Project Relationship to Reserve Assembly

The subject property is not located within any Criteria Cells with the nearest Cell being in Subunit 1, and Cell Number (2633) (Appendix A, Figure 5). This cell is roughly 01.20 miles northwest of the project site shown in MSHCP section (3.3.10). According to the RCMShCP Reserve Assembly, a RCA review is not required since the property is not located within a Criteria Cell.

The MSHCP established habitat assessment requirements for certain species of plants, birds, mammals, and amphibians. The MSHCP Conservation Areas (3.2.2) may be described in terms of bioregions, vegetation, soils, patch size, and edge affected lands. In regard to bioregions, the site is located in a developed area of the City of Perris that has been designated for single-family residential (R-6,000). The site is not located within an area of public/quasi-public conserved lands or within any pre-existing conservation agreements. In addition, the site is not located within any lands that have been designated as American Indian Lands, according to the MSHCP Geographical Map (MSHCP Figure 9-1).

5.3 Protection of Species Associated with Riparian/Riverine Areas and Vernal Pools

None of the riparian/riverine species listed in Section 6.1.2 of the MSHCP were found on the property nor were any riparian plant species observed during the field investigations. In addition,

there are no features on the site that meet the MSHCP definition of vernal pools. In order to be considered a vernal pool under the MSHCP, a feature must be a wetland (based on the presence of hydrophytic vegetation, hydric soil, and wetland hydrology). The feature must also have a natural origin. No vernal pools were observed during the field investigations on the project site; consequently, the site does not support suitable habitat for fairy shrimp. The lack of suitable habitat for fairy shrimp is due to the soil that is made up of sandy loam soil which cannot hold water for a long enough duration to allow for the formation of vernal pools. Therefore, the site does not support any sensitive plants that are associated with wetland features. Other non-vernal pool features such as depressions, drainages, and road ruts, which may provide habitat for fairy shrimp, were absent from the site. It is RCA Associates' opinion that the site lacks suitable habitat for fairy shrimp. In addition, no riparian/riverine habitat is present on the site and plant species typically associated with riparian/riverine areas were not present on the property.

5.4 Jurisdictional Waters

No potential jurisdictional waters (i.e., streams, ponds, lakes, etc.) were observed on the site during the September 2021 field investigations.

5.5 Protection of Narrow Endemic Plant Species

The project site is not located within the MSHCP Narrow Endemic Plant Species Survey Area (NEPSSA), however it is located approximately 0.75 miles northwest of the Narrow Endemic Plant Survey Area 3A as depicted on figure 6-1 (MSHCP). Therefore, no focused surveys for rare plants are required and the project is consistent with the Narrow Endemic Plant Species requirements of the MSHCP.

5.6 Guidelines Pertaining to the Urban/Wildland Interface

The MSHCP Urban/Wildland Interface Guidelines (6.1.4) are intended to address indirect effects associated with locating development in proximity to MSHCP Conservation Areas. The project site is not located in any Criteria Cells, with the nearest cell, 2633, being 1.20 miles northwest, which is part of the Motte-Rimrock, subunit 1 of the Mead Valley Area Plan. There are several

main biological issues for this area including: conserving clay soils supporting long-spined spine flowers, conserving existing populations and habitat of the Coastal California gnatcatcher, and conserving and managing the small key population of Stephens' kangaroo rat.

Given the location of the site in a developed area, and past human disturbances which have occurred on the site, the proposed project is not expected to result in any significant indirect impacts to special-status biological resources. Implementation of Best Management Practices (BMPs) are only required if Conservation Areas are "in proximity" of the project site; however, no Conservation Areas are near the property.

5.7 Wildlife Habitat Linkage

According to the MSHCP (Figure 3-2: Schematic Cores and Linkages Map), the nearest terrestrial migration corridors, proposed constrained linkage 19 and proposed extension of existing Core 4, are located approximately 1.80 miles southeast of the site. Furthermore, the project site is within a developed portion of the County and city of Perris where there are numerous existing residential developments surrounding the project area. The site does not block off access to the wildlife linkage and does not provide any wildlife corridors which are used for migration, movement or dispersal of wildlife.

5.8 Additional Survey Needs and Procedures

Both parcels, APN: 311-030-012 & 013, on the project site are located within the MSHCP Additional Survey Areas for Burrowing Owls; therefore, a focused survey was conducted for the owl using standard survey protocol as defined in the MSHCP and by CDFW. A burrowing owl survey was conducted on September 8, 2021, between 0900 to 1100, low 80's to mid-80's °F, and walked in ten meter parallel transects in a north to south direction throughout the whole site following the guidelines of *Staff Report on Burrowing Owl Mitigation* (2012) and *Burrowing Owl Survey Protocol and Mitigation Guidelines* (1993). The site does provide suitable burrowing owl habitat, although no suitable occupiable burrows (minimum 4-inch burrow opening) were observed despite the multiple California ground squirrel burrows located on site.

Burrowing owls prefer annual and perennial grasslands, deserts, and scrublands with low growing vegetation. Due to the presence of potentially suitable habitat and burrows, a 30-day preconstruction survey for burrowing owls is required prior to initial ground-disturbing activities (including vegetation clearing, grubbing, tree removal, site watering, equipment staging, grading, and etc.) to ensure that no owls have colonized the site in the days or weeks preceding the ground-disturbing activities. If burrowing owls have colonized the project site prior to the initiation of ground-disturbing activities, the project proponent will immediately inform the Regional Conservation Authority (RCA) and CDFW to coordinate further possibilities burrowing mitigation measures, and the possibility of preparing a Burrowing Owl Protection and Relocation Plan prior to initiating ground disturbance. If ground-disturbing activities occur, but the site is left undisturbed for more than 30 days, a preconstruction survey will again be necessary to ensure burrowing owls have not colonized the site since it was last disturbed. If burrowing owls are found, the same coordination described above will be necessary.

This survey will be required to determine if any owls have moved onto the site since the original focused survey conducted on September 8, 2021 and will be consistent with the additional survey needs and procedures of the MSHCP. No additional surveys will be required for amphibians, criteria area species, mammals, invertebrate, and narrow endemic plants.

SECTION 6: PROJECT IMPACTS AND MITIGATION

6.1 Impacts Per Plant Community

The proposed project will impact approximately 13.58-acres of ruderal vegetation. Loss of the existing disturbed vegetation would also affect some wildlife species; although, the number of species that would be impacted is relatively low given the already disturbed small parcel and the absence of any extensive areas of native vegetation.

6.2 Nesting Birds

There is relatively low potential for nesting birds to utilize the site due to the lack of trees, native vegetation, and high disturbance. Potential impacts to nesting birds can be eliminated or significantly reduced if vegetation suitable for nesting birds is removed outside of the nesting bird season. The nesting season for birds typically occurs from February 15th to August 31st. Therefore, vegetation removal activities should be conducted outside of the nesting bird season, if possible. If grading and clearing activities must occur during the nesting season, a nesting bird survey should be conducted within seven days prior to the start of any ground disturbing activities to determine if any nesting birds occur within the project site. If nesting birds are not found within the project site, no further actions will be required. If nesting birds are observed, no impacts shall occur within 250 feet (500 feet for raptors) of any active nests. Also, construction activity may only occur within 250 feet of an active nest at the discretion of the project's biological monitor.

6.3 Federal and State Listed Species and Special Status Species

A 30-day preconstruction survey for burrowing owls is required prior to initial ground-disturbing activities (including vegetation clearing, grubbing, tree removal, site watering, equipment staging, grading, and etc.) to ensure that no owls have colonized the site in the days or weeks preceding the ground-disturbing activities. If burrowing owls have colonized the project site prior to the initiation of ground-disturbing activities, the project proponent will immediately inform the Regional Conservation Authority (RCA) and CDFW to coordinate further possibilities burrowing mitigation measures, and the possibility of preparing a Burrowing Owl Protection and Relocation Plan prior to initiating ground disturbance. If ground-disturbing activities occur, but the site is left undisturbed for more than 30 days, a preconstruction survey will again be necessary to ensure

burrowing owls have not colonized the site since it was last disturbed. If burrowing owls are found, the same coordination described above will be necessary.

6.4 Habitat Fragmentation and Wildlife Movement

As previously discussed, the property is located in an area where habitat has been fragmented due to past grading activities and developments in the surrounding region. Therefore, the incremental loss of wildlife habitat associated with the proposed development is expected to be negligible. There are no wildlife corridors present on the site and the proposed project will not impede regional wildlife movement or impact any MSHCP-designated corridors or habitat linkages. Therefore, the proposed project is not expected to have any significant impacts in regard to habitat fragmentation and regional wildlife movement.

6.5 Riparian/Riverine Habitat, Vernal Pools and Jurisdictional Waters

The site does not support any riparian or riverine habitats. In addition, no depressions or areas where water would pool were observed within the project site which would be classified as vernal pools. Consequently, the site does not support suitable habitat for fairy shrimp. None of the riparian/riverine species listed in Section 6.1.2 of the MSHCP were found within the project site during the September 2021 field investigations, nor were any sensitive plants identified during the field investigations. Furthermore, no areas were observed which may be considered jurisdictional waters.

6.6 Local Policies and Ordinances

The proposed project will not conflict with or have any adverse impact on any local policies or ordinances.

SECTION 7: CONCLUSIONS

No listed or special status plant or wildlife species or sensitive habitats were observed within the project site during the field investigations conducted on September 8, 2021. The property does not contain any vernal pools or Urban/Wildland's interface areas. Any projects that are within the MSHCP boundaries must seek the SKR Plan requirements. The property is located within the SKR fee area. Payment of fee is required.

The following recommended actions will ensure that the project is consistent with the MSHCP"

- Nesting bird surveys shall be conducted if vegetation removal occurs between February and August (Nesting bird season occurs between February 15th through September 1st) and conduct a 30-day pre-construction survey for the burrowing prior to the start of any ground disturbance activities.
- A pre-construction survey for burrowing owls shall be conducted 30 days prior to the start of any ground disturbance activities to ensure no burrowing owls have moved onto the site since the initial field surveys conducted in September 8, 2021 and will follow the procedures as mentioned in Section 5.8.

If any sensitive species are observed on the property during future activities, CDFW and USFWS (as applicable) should be contacted to discuss specific mitigation measures which may be required for the individual species. The RCMSHCP does allow for the "take" of covered species that have been adequately conserved as outlined in Section 9.2 of the MSHCP.

SECTION 8: CERTIFICATION

I hereby certify that the statements furnished above and in the attached exhibits, present the data and information required for this biological evaluation and that the facts, statements, and information presented are true and correct to the best of my knowledge and belief. Fieldwork conducted for this assessment was performed by me or other biologists under my direct supervision. I certify that I have not signed a non-disclosure or consultant confidentiality agreement with the project applicant or applicant's representative and that I have no financial interest in the project.

Date: September 27, 2021 Signed: *Ryan Hunter*
Lisa Cardoso
Jessica Hensley

Work Performed By: Ryan Hunter
Environmental Scientist/Biologist

Lisa Cardoso
Biologist

Jessica Hensley
Environmental Scientist

SECTION 9: REFERENCES

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Appendix A

Figures and Tables



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community

Figure 1: Regional Exhibit



Figure 2: Regional Vicinity



CENTER OF SITE LOOKING NORTH



CENTER OF SITE LOOKING EAST

FIGURE 3
PHOTOGRAPHS OF SITE



CENTER OF SITE LOOKING SOUTH



CENTER OF SITE LOOKING WEST

FIGURE 3, cont.
PHOTOGRAPHS OF SITE

SUMMARY - LANTANA

GROSS PROPERTY AREA 13.56 ACRES
 APPROXIMATE, WHOLE PROPERTY AREA INCLUDES ALL EASEMENT AREA)

NET PROJECT AREA 12.80 ACRES
 APPROXIMATE, EXCLUDE STREET IMPROVEMENTS AREA)

DENSITY BASED ON GROSS PROPERTY AREA 6.78 DU / ACRE
 BASED ON 13.56 ACRE)

NUMBER OF DWELLING UNITS 92 UNITS
 PARKING RATIO 4.90
 REQUIREMENT 249
 230
 19
 450
 184
 184
 82

PROPOSED 92-2.5 RATIO PER UNIT
 1 EXTRA PARKING EVERY 5 UNITS

GARAGE DRIVEWAY ON STREET 82

APPROX. BASIN AREA 9,210 SQFT
 BASIN AREA PER ACRE 679 SQFT / ACRE
 1.40 ACRES

APPROX. TOTAL PUBLIC OPEN SPACE (INCLUDE BASIN AND REC AREA)



PLAN	1	2	3	TOTAL
LOT				
SUB	30	30	32	92



TRACT 37907, PACIFIC LANTANA
 (Detailed Site Plan)

PERRIS, CALIFORNIA
 PAGE 3 OF 8
 2021/04/21

Pacific Communities Builder, Inc

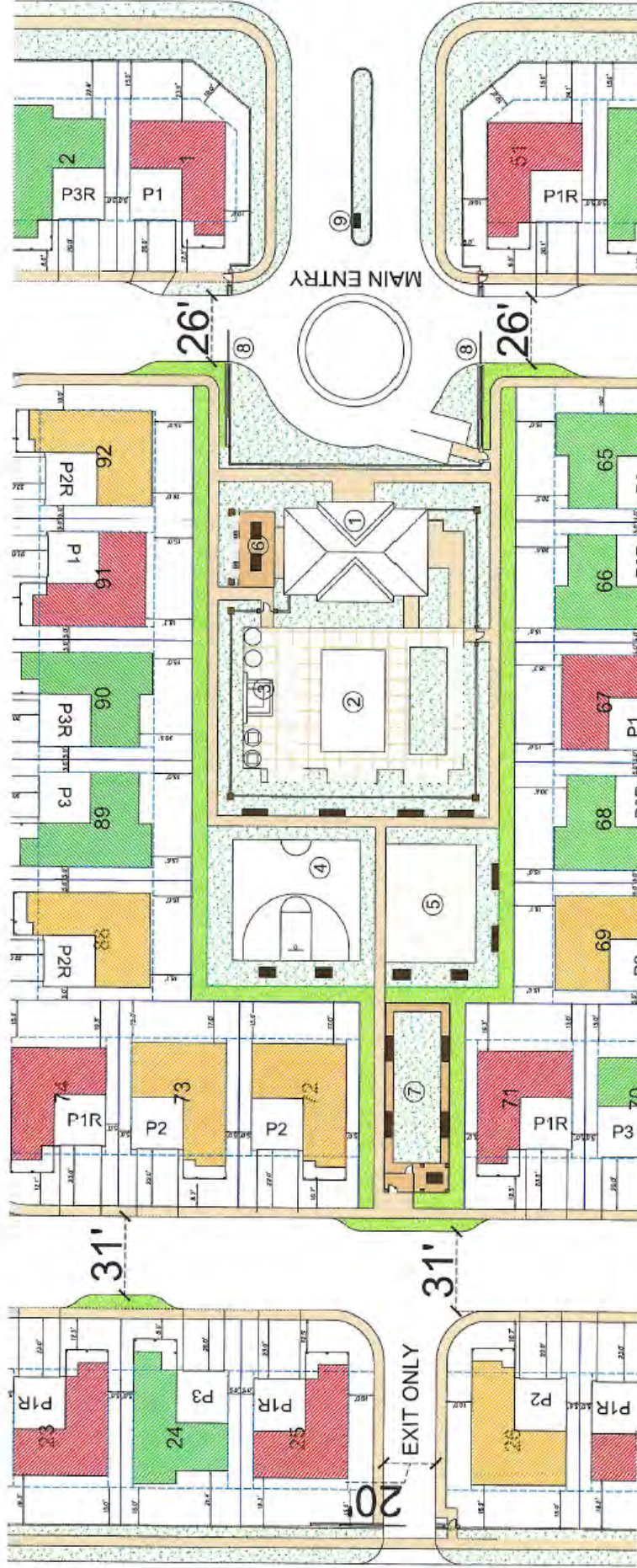
Figure 4a: Site Plans

RCA Associates, Inc.
 Source: Google Earth



LIST OF ALL AMENITIES

- 1. RECREATION BUILDING
- 2. POOL
- 3. JACUZZI
- 4. BASKETBALL (HALF COURT)
- 5. PLAY AREA (TODDLER)
- 6. SITTING AREA BBQ AREA
- 7. DOG PARK
- 8. AUTOMATE GATE
- 9. CALL BOX



TRACT 37907, PACIFIC LANTANA

(Enlarged Plan - Recreation area)

PERRIS, CALIFORNIA

PAGE 7 OF 8
2021/01/19

Pacific Communities Builder, Inc

Figure 4b: Site Plans of Recreational Area

RCA Associates, Inc.
Source: Google Earth



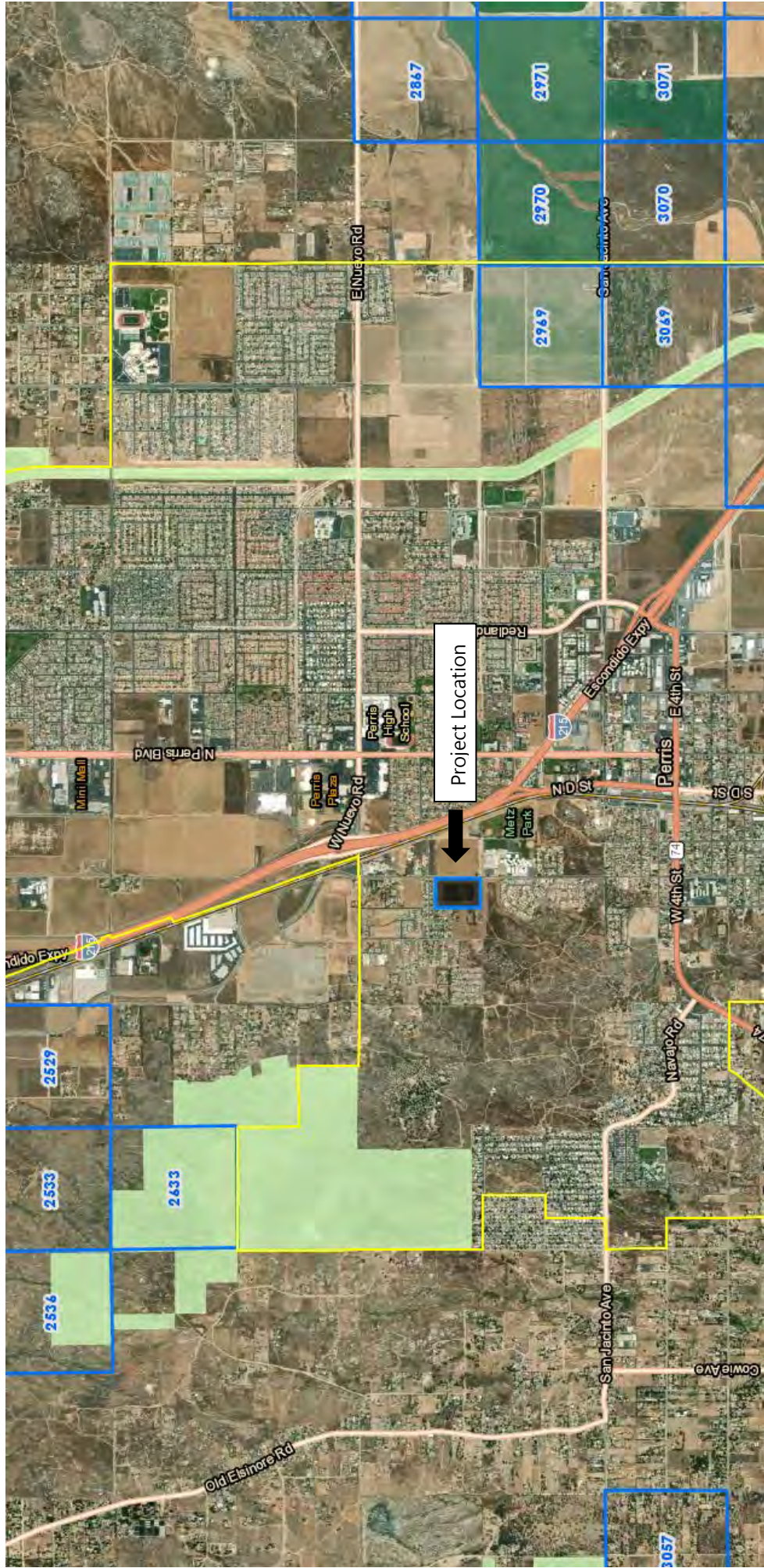


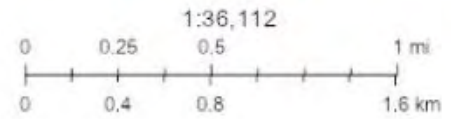
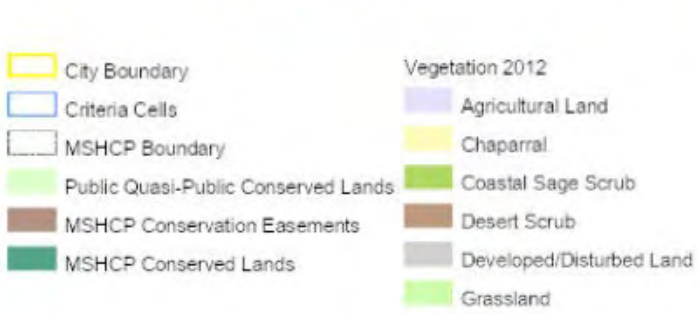
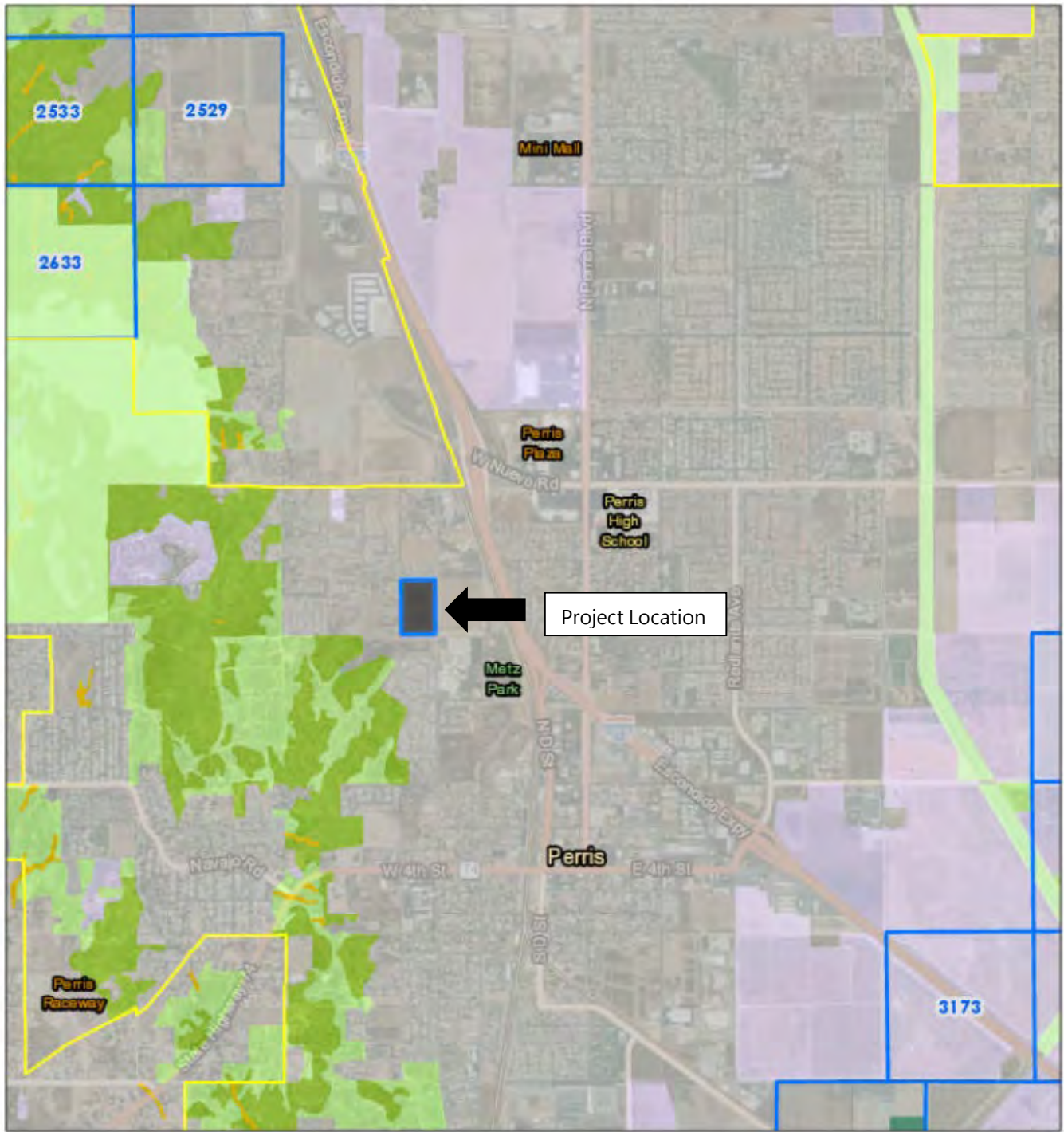
Figure 5: Proximity to Cell Groups & Criteria Cells of the Riverside MSHCP



Figure 6: Biological Resources Exhibit

RCA Associates, Inc.
Source: Google Earth





City of Riverside, County of Riverside, Esri, HERE, City of Riverside, County of Riverside, Esri, HERE, Garmin, WRCRA, Maxar, The vegetation map was created by Aerial Information Systems, Inc. of Redlands, CA.

Figure 7: Vegetation Map



Figure 8: Riverside MSHCP Burrowing Owl Survey Area



Figure 9: Soil Map

Table 1 - Plants observed on the site and known to occur in the area.

Note: The following Tables are not comprehensive lists of every plant or animal species which may occur in the area, but are a list of those common species which have been identified on the site or in the region by biologists from RCA Associates, Inc.

Common Name	Scientific Name	Comments
Vinegar weed	<i>Trichostema lanceolatum</i>	Observed on-site
Flatspine bur ragweed	<i>Ambrosia acanthicarpa</i>	“
Telegraph weed	<i>Heterotheca grandiflora</i>	“
Fiddleneck	<i>Ansickia tessellata</i>	“
Rattlesnake weed	<i>Euphorbia albomarginata</i>	“
Wild Oat	<i>Avena fatua</i>	“
Dove weed	<i>Croton setigerus</i>	“
Common pursland	<i>Portulaca oleracea</i>	“
Common stork's bill	<i>Erodium cicutarium</i>	“
Tumbleweed	<i>Kali tragus</i>	“
Common sunflower	<i>Helianthus annuus</i>	“
Tree of Heaven	<i>Ailanthus altissima</i>	“
Western jimson weed	<i>Datura stramonium</i>	“
Common tarweed	<i>Deinandra fasciculata</i>	“
Maltese star-thistle	<i>Centaurea melitensis</i>	“
Stinknet	<i>Oncosiphon pilulifer</i>	“

Table 2 - Wildlife observed on the site and those species expected to the area.

Common Name	Scientific Name	Comments
Mammals		
California ground squirrel	<i>Spermophilus beecheyi</i>	Observed on-site and surrounding areas.
Birds		
American Kestrel	<i>Falco sparverius</i>	Observed on-site and surrounding areas.
Red-tail Hawk	<i>Buteo jamaicensis</i>	“
Rock pigeon	<i>Columba livia</i>	“
Eurasian collared dove	<i>Streptopelia decaocto</i>	“
Turkey vulture	<i>Cathartes aura</i>	“
Mourning dove	<i>Zenaida macroura</i>	“
Lesser goldfinch	<i>Spinus psaltria</i>	“
Cassin’s Kingbird	<i>Tyrannus vociferans</i>	“
American Crow	<i>Corvus brachyrhynchos</i>	“
House finch	<i>Haemorhous mexicanus</i>	“
Anna’s hummingbird	<i>Calypte anna</i>	“
House sparrow	<i>Passer domesticus</i>	“
Say’s phoebe	<i>Sayornis saya</i>	“
Black phoebe	<i>Sayornis nigricans</i>	“
Reptiles		
Western fence lizard	<i>Sceloporus occidentalis</i>	“

SOURCES:

- (1) Blair, W.F. 1968. Vertebrates of the United States. McGraw-Hill, Inc. New York. 616 pp.
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Appendix B

CNDDB Quadrangles



Summary Table Report

California Department of Fish and Wildlife

California Natural Diversity Database



Query Criteria: Quad IS (Perris (3311772))

Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence		
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.
<i>Abronia villosa</i> var. <i>aurita</i> chaparral sand-verbena	G5T2? S2	None None	Rare Plant Rank - 1B.1 BLM_S-Sensitive SB_CalBG/RSABG- California/Rancho Santa Ana Botanic Garden USFS_S-Sensitive	1,600 1,600	98 S:1	0	1	0	0	0	0	0	0	1	0	0
<i>Agelaius tricolor</i> tricolored blackbird	G1G2 S1S2	None Threatened	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_EN-Endangered NABCI_RWL-Red Watch List USFWS_BCC-Birds of Conservation Concern	1,420 1,420	955 S:1	0	0	0	0	0	1	0	1	1	0	0
<i>Aimophila ruficeps canescens</i> southern California rufous-crowned sparrow	G5T3 S3	None None	CDFW_WL-Watch List	1,850 1,850	235 S:1	0	1	0	0	0	0	1	0	1	0	0
<i>Anniella stebbinsi</i> Southern California legless lizard	G3 S3	None None	CDFW_SSC-Species of Special Concern USFS_S-Sensitive	1,668 1,668	426 S:1	0	0	1	0	0	0	0	1	1	0	0
<i>Arizona elegans occidentalis</i> California glossy snake	G5T2 S2	None None	CDFW_SSC-Species of Special Concern	1,450 1,642	260 S:6	0	0	0	0	0	6	4	2	6	0	0
<i>Aspidoscelis hyperythra</i> orange-throated whiptail	G5 S2S3	None None	CDFW_WL-Watch List IUCN_LC-Least Concern USFS_S-Sensitive	1,450 2,000	369 S:6	0	0	1	1	0	4	6	0	6	0	0
<i>Aspidoscelis tigris stejnegeri</i> coastal whiptail	G5T5 S3	None None	CDFW_SSC-Species of Special Concern	1,900 1,900	148 S:1	0	0	0	0	0	1	1	0	1	0	0
<i>Athene cunicularia</i> burrowing owl	G4 S3	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern USFWS_BCC-Birds of Conservation Concern	1,410 1,700	2011 S:10	2	0	3	0	0	5	4	6	10	0	0



Summary Table Report

California Department of Fish and Wildlife

California Natural Diversity Database



Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks							Population Status		Presence		
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.	
<i>Atriplex coronata</i> var. <i>notatifior</i> San Jacinto Valley crownscale	G4T1 S1	Endangered None	Rare Plant Rank - 1B.1 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	130 1,415	16 S:4	0	3	0	0	0	0	1	1	3	4	0	0
<i>Atriplex parishii</i> Parish's brittle-scale	G1G2 S1	None None	Rare Plant Rank - 1B.1 SB_CRES-San Diego Zoo_CRES Native Gene Seed Bank USFS_S-Sensitive	1,420 1,420	15 S:2	0	0	0	0	1	1	2	0	0	1	1	0
<i>Atriplex serenana</i> var. <i>davidsonii</i> Davidson's saltscale	G5T1 S1	None None	Rare Plant Rank - 1B.2 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	1,420 1,420	27 S:2	0	1	0	0	0	1	2	0	0	2	0	0
<i>Bombus crotchii</i> Crotch bumble bee	G3G4 S1S2	None Candidate Endangered		1,500 1,600	437 S:2	0	0	0	0	0	2	2	0	0	2	0	0
<i>Brodiaea filifolia</i> thread-leaved brodiaea	G2 S2	Threatened Endangered	Rare Plant Rank - 1B.1 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_CRES-San Diego Zoo_CRES Native Gene Seed Bank	1,400 1,420	141 S:5	0	1	2	1	1	0	2	3	4	4	1	0
<i>Caulanthus simulans</i> Payson's jewelflower	G4 S4	None None	Rare Plant Rank - 4.2 USFS_S-Sensitive	2,300 2,300	31 S:1	0	0	0	0	0	1	1	0	1	1	0	0
<i>Centromadia pungens</i> ssp. <i>laevis</i> smooth tarplant	G3G4T2 S2	None None	Rare Plant Rank - 1B.1 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	1,410 1,445	126 S:16	0	1	4	3	0	8	6	10	16	16	0	0
<i>Chaetodipus fallax fallax</i> northwestern San Diego pocket mouse	G5T3T4 S3S4	None None	CDFW_SSC-Species of Special Concern	1,500 1,555	101 S:3	0	1	2	0	0	0	2	1	3	3	0	0



Summary Table Report

California Department of Fish and Wildlife

California Natural Diversity Database



Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks							Population Status		Presence		
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.	
<i>Chorizanthe polygonoides</i> var. <i>longispina</i> long-spined spineflower	G5T3 S3	None None	Rare Plant Rank - 1B.2 BLM_S-Sensitive SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_CRES-San Diego Zoo CRES Native Gene Seed Bank	1,700 1,700	166 S:1	0	0	0	0	0	0	1	1	0	0	0	
<i>Crotalus ruber</i> red-diamond rattlesnake	G4 S3	None None	CDFW_SSC-Species of Special Concern USFS_S-Sensitive	1,550 1,700	192 S:4	0	0	0	0	0	4	4	0	0	0	0	
<i>Dipodomys stephensi</i> Stephens' kangaroo rat	G2 S2	Endangered Threatened	IUCN_EN-Endangered	1,450 2,200	227 S:9	1	2	2	1	2	1	9	0	0	7	0	2
<i>Emys marmorata</i> western pond turtle	G3G4 S3	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_VU-Vulnerable USFS_S-Sensitive	1,450 1,450	1398 S:1	0	0	0	0	1	0	1	0	0	1	0	0
<i>Eremophila alpestris</i> <i>actia</i> California horned lark	G5T4Q S4	None None	CDFW_WL-Watch List IUCN_LC-Least Concern	1,410 1,410	94 S:1	1	0	0	0	0	0	1	0	1	0	0	0
<i>Eumops perotis</i> <i>californicus</i> western mastiff bat	G4G5T4 S3S4	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern WBWG_H-High Priority	1,570 1,570	296 S:2	0	0	0	0	0	2	2	0	0	2	0	0
<i>Lasius xanthinus</i> western yellow bat	G4G5 S3	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern WBWG_H-High Priority	1,660 1,660	58 S:1	0	0	0	0	0	1	1	0	0	1	0	0
<i>Lasthenia glabrata</i> <i>ssp. coulteri</i> Coulter's goldfields	G4T2 S2	None None	Rare Plant Rank - 1B.1 BLM_S-Sensitive SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_SBBG-Santa Barbara Botanic Garden	1,415 1,440	111 S:8	2	1	0	1	0	4	2	6	8	0	0	0



Summary Table Report

California Department of Fish and Wildlife

California Natural Diversity Database



Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence		
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.
<i>Lepus californicus bennettii</i> San Diego black-tailed jackrabbit	G5T3T4 S3S4	None None	CDFW_SSC-Species of Special Concern	1,470 1,470	103 S:1	0	1	0	0	0	0	0	0	1	0	0
<i>Navarretia fossalis</i> spreading havarretia	G2 S2	Threatened None	Rare Plant Rank - 1B.1 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_CRES-San Diego Zoo CRES Native Gene Seed Bank	1,400 1,420	78 S:7	1	3	1	0	0	2	2	5	7	0	0
<i>Neolarra alba</i> white cuckoo bee	GH SH	None None		1,700 1,700	8 S:1	0	0	0	0	0	1	1	0	1	0	0
<i>Onychomys torridus ramona</i> southern grasshopper mouse	G5T3 S3	None None	CDFW_SSC-Species of Special Concern	1,450 1,450	28 S:1	0	0	0	0	0	1	1	0	1	0	0
<i>Perognathus longimembris brevinasus</i> Los Angeles pocket mouse	G5T2 S1S2	None None	CDFW_SSC-Species of Special Concern	1,478 1,600	70 S:3	0	1	2	0	0	0	2	1	3	0	0
<i>Phrynosoma blainvillii</i> coast horned lizard	G3G4 S3S4	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	1,450 1,500	784 S:3	0	0	0	0	0	3	3	0	3	0	0
<i>Poliophtia californica californica</i> coastal California gnatcatcher	G4G5T3Q S2	Threatened None	CDFW_SSC-Species of Special Concern NABCL_YWL-Yellow Watch List	1,600 1,680	1087 S:2	0	0	0	0	0	2	2	0	2	0	0
<i>Spea hammondi</i> western spadefoot	G2G3 S3	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_NT-Near Threatened	1,415 1,900	1422 S:5	0	1	1	0	0	3	2	3	5	0	0
<i>Taxidea taxus</i> American badger	G5 S3	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	1,440 1,440	594 S:1	0	0	0	0	0	1	1	0	1	0	0
<i>Trichocoronis wrightii var. wrightii</i> Wright's trichocoronis	G4T3 S1	None None	Rare Plant Rank - 2B.1	1,420 1,429	12 S:3	0	1	0	0	0	2	2	1	3	0	0
<i>Vireo bellii pusillus</i> least Bell's vireo	G5T2 S2	Endangered Endangered	IUCN_NT-Near Threatened NABCL_YWL-Yellow Watch List	1,485 1,700	503 S:2	0	0	1	0	0	1	0	2	2	0	0



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Query Criteria: Quad IS (Riverside East (3311783))

Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence	
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.
<i>Agelaius tricolor</i> tricolored blackbird	G1G2 S1S2	None Threatened	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_EN-Endangered NABCI_RWL-Red Watch List USFWS_BCC-Birds of Conservation Concern	778 1,100	955 S:2	0	0	0	0	0	2	0	2	0	0
<i>Anniella stebbinsi</i> Southern California legless lizard	G3 S3	None None	CDFW_SSC-Species of Special Concern USFS_S-Sensitive	900 2,088	426 S:2	0	1	0	0	0	1	1	2	0	0
<i>Arenaria paludicola</i> marsh sandwort	G1 S1	Endangered Endangered	Rare Plant Rank - 1B.1 SB_SBBG-Santa Barbara Botanic Garden	1,000 1,000	19 S:1	0	0	0	0	1	0	1	0	0	1
<i>Arizona elegans occidentalis</i> California glossy snake	G5T2 S2	None None	CDFW_SSC-Species of Special Concern	900 900	260 S:1	0	0	0	0	0	1	1	0	1	0
<i>Aspidoscelis hyperythra</i> orange-throated whiptail	G5 S2S3	None None	CDFW_WL-Watch List IUCN_LC-Least Concern USFS_S-Sensitive	900 2,200	369 S:9	0	0	0	0	0	9	9	0	9	0
<i>Aspidoscelis tigris stejnegeri</i> coastal whiptail	G5T5 S3	None None	CDFW_SSC-Species of Special Concern	1,680 1,680	148 S:1	0	0	0	0	0	1	1	0	1	0
<i>Athene cunicularia</i> burrowing owl	G4 S3	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern USFWS_BCC-Birds of Conservation Concern	1,500 1,680	2011 S:5	0	1	0	0	1	3	0	5	4	0
<i>Berberis nevadensis</i> Nevin's barberry	G1 S1	Endangered Endangered	Rare Plant Rank - 1B.1 SB_CalIBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_SBBG-Santa Barbara Botanic Garden	1,020 1,020	32 S:1	0	0	0	0	0	1	1	0	1	0



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Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence		
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.
<i>Bombus crotchii</i> Crotch bumble bee	G3G4 S1S2	None Candidate Endangered		900 1,982	437 S:4	0	0	0	0	0	4	1	3	4	0	0
<i>Calochortus plummerae</i> Plummer's mariposa-lily	G4 S4	None None	Rare Plant Rank - 4.2 SB_CalBG/RSABG- California/Rancho Santa Ana Botanic Garden	1,200 2,400	230 S:2	0	0	0	0	2		0	2	2	0	0
<i>Centromadia pungens ssp. laevis</i> smooth tarplant	G3G4T2 S2	None None	Rare Plant Rank - 1B.1 SB_CalBG/RSABG- California/Rancho Santa Ana Botanic Garden	1,450 1,500	126 S:2	1	0	0	0	1		1	1	2	0	0
<i>Ceratochrysis longimala</i> Desert cuckoo wasp	G1 S1	None None		900 900	2 S:1	0	0	0	1	0		1	0	0	1	0
<i>Chaetodipus fallax fallax</i> northwestern San Diego pocket mouse	G5T3T4 S3S4	None None	CDFW_SSC-Species of Special Concern	1,200 1,600	101 S:3	0	1	0	2	0		3	0	3	0	0
<i>Chloropyron maritimum ssp. maritimum</i> salt marsh bird's-beak	G4?T1 S1	Endangered Endangered	Rare Plant Rank - 1B.2 BLM_S-Sensitive SB_CalBG/RSABG- California/Rancho Santa Ana Botanic Garden SB_CRES-San Diego Zoo CRES Native Gene Seed Bank SB_SBBG-Santa Barbara Botanic Garden	1,000 1,000	30 S:1	0	0	0	0	1		1	0	0	1	0
<i>Chorizanthe parryi var. parryi</i> Parry's spineflower	G3T2 S2	None None	Rare Plant Rank - 1B.1 BLM_S-Sensitive SB_CalBG/RSABG- California/Rancho Santa Ana Botanic Garden USFS_S-Sensitive	1,000 2,450	150 S:3	0	0	0	0	3		3	0	3	0	0
<i>Coccyzus americanus occidentalis</i> western yellow-billed cuckoo	G5T2T3 S1	Threatened Endangered	BLM_S-Sensitive NABCLRWL-Red Watch List USFS_S-Sensitive USFWS_BCC-Birds of Conservation Concern	900 1,690	165 S:2	0	1	0	0	1		2	0	1	0	1



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Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks							Population Status		Presence	
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.
<i>Crotalus ruber</i> red-diamond rattlesnake	G4 S3	None None	CDFW_SSC-Species of Special Concern USFS_S-Sensitive	900 2,280	192 S:5	0	0	0	0	0	0	5	0	0	0	0
<i>Dipodomys merriami parvus</i> San Bernardino kangaroo rat	G5T1 S1	Endangered Candidate Endangered	CDFW_SSC-Species of Special Concern	1,270 1,756	81 S:2	0	0	0	0	2			2	0	0	0
<i>Dipodomys stephensi</i> Stephens' kangaroo rat	G2 S2	Endangered Threatened	IUCN_EN-Endangered	1 2,200	227 S:16	1	2	4	4	2	3	12	4	14	1	1
<i>Eremophila alpestris actia</i> California horned lark	G5T4Q S4	None None	CDFW_WL-Watch List IUCN_LC-Least Concern	1,640 1,640	94 S:1	0	0	0	0	0	1	1	0	1	0	0
<i>Icteria virens</i> yellow-breasted chat	G5 S3	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	1,690 1,690	100 S:1	0	1	0	0	0	0	1	0	1	0	0
<i>Lanius ludovicianus</i> loggerhead shrike	G4 S4	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	1,700 1,700	110 S:1	0	0	0	0	0	1	1	0	1	0	0
<i>Lasius xanthinus</i> western yellow bat	G4G5 S3	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern USFWS_BCC-Birds of Conservation Concern WBWG_H-High Priority	1,650 1,650	58 S:1	0	0	0	0	0	1	1	0	1	0	0
<i>Laterallus jamaicensis coturniculus</i> California black rail	G3G4T1 S1	None Threatened	BLM_S-Sensitive CDFW_FP-Fully Protected IUCN_NT-Near Threatened NABCI_RWL-Red Watch List USFWS_BCC-Birds of Conservation Concern	900 900	303 S:1	0	0	0	0	0	1	1	0	1	0	0
<i>Lepidium virginicum var. robinsonii</i> Robinson's pepper-grass	G5T3 S3	None None	Rare Plant Rank - 4.3	850 1,800	142 S:6	0	0	0	0	0	6	5	1	6	0	0
<i>Lepus californicus bennettii</i> San Diego black-tailed jackrabbit	G5T3T4 S3S4	None None	CDFW_SSC-Species of Special Concern	1,665 1,665	103 S:1	0	0	1	0	0	0	0	1	1	0	0



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Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks							Population Status		Presence	
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.
<i>Nyctinomops femorosaccus</i> pocketed free-tailed bat	G5 S3	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern WBWG_M-Medium Priority	1,600 1,600	90 S:1	0	0	0	0	0	0	1	1	0	0	0
<i>Onychomys torridus ramona</i> southern grasshopper mouse	G5T3 S3	None None	CDFW_SSC-Species of Special Concern	1,580 1,580	28 S:1	0	0	0	0	0	1	1	0	0	0	0
<i>Perognathus longimembris brevinasus</i> Los Angeles pocket mouse	G5T2 S1S2	None None	CDFW_SSC-Species of Special Concern	1,300 1,640	70 S:3	0	1	0	0	0	2	3	0	0	0	0
<i>Phrynosoma blainvillii</i> coast horned lizard	G3G4 S3S4	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	1,000 2,200	784 S:5	0	2	0	0	1	2	5	0	0	0	1
<i>Poliophtila californica californica</i> coastal California gnatcatcher	G4G5T3Q S2	Threatened None	CDFW_SSC-Species of Special Concern NABCI_YWL-Yellow Watch List	1,400 2,000	1087 S:5	0	1	2	0	0	2	5	0	0	0	0
<i>Senecio aphanactis</i> chaparral ragwort	G3 S2	None None	Rare Plant Rank - 2B.2 SB_CalIBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_CRES-San Diego Zoo CRES Native Gene Seed Bank	2,300 2,300	98 S:1	0	0	0	0	0	1	0	1	0	0	0
<i>Southern Sycamore Alder Riparian Woodland</i> Southern Sycamore Alder Riparian Woodland	G4 S4	None None		1,300 1,500	230 S:6	0	0	0	0	0	6	6	0	0	0	0
<i>Spea hammondi</i> western spadefoot	G2G3 S3	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_NT-Near Threatened	1,068 2,200	1422 S:8	0	1	1	1	0	5	2	6	0	0	0
<i>Spinus lawrencei</i> Lawrence's goldfinch	G3G4 S4	None None	IUCN_LC-Least Concern NABCI_YWL-Yellow Watch List USFWS_BCC-Birds of Conservation Concern	1,690 1,690	4 S:1	0	1	0	0	0	0	1	0	0	0	0



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Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence		
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.
<i>Streptocephalus woottoni</i> Riverside fairy shrimp	G1G2 S1S2	Endangered None	IUCN_EN-Endangered	1,520 1,540	83 S:2	0	0	0	0	2	0	0	0	0	1	1
<i>Taxidea taxus</i> American badger	G5 S3	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	1,600 1,600	594 S:1	0	0	0	0	0	1	0	0	1	0	0
<i>Vireo bellii pusillus</i> least Bell's vireo	G5T2 S2	Endangered Endangered	IUCN_NT-Near Threatened NABCI_YWL-Yellow Watch List	1,060 1,700	503 S:13	0	1	2	0	0	0	0	13	13	0	0



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Query Criteria: Quad= IS (EI Casco (3311781))

Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence		
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.
<i>Accipiter cooperii</i> Cooper's hawk	G5 S4	None None	CDFW_WL-Watch List IUCN_LC-Least Concern	790 790	118 S:1	0	0	1	0	0	0	0	0	1	0	0
<i>Agelaius tricolor</i> tricolored blackbird	G1G2 S1S2	None Threatened	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_EN-Endangered NABCI_RWL-Red Watch List USFWS_BCC-Birds of Conservation Concern	1,417 1,960	955 S:5	1	0	0	0	0	4	2	3	5	0	0
<i>Aimophila ruficeps canescens</i> southern California rufous-crowned sparrow	G5T3 S3	None None	CDFW_WL-Watch List	2,078 2,366	235 S:5	0	4	0	0	0	1	0	5	5	0	0
<i>Allium marvinii</i> Yucaipa onion	G1 S1	None None	Rare Plant Rank - 1B.2 BLM_S-Sensitive USFS_S-Sensitive	2,365 2,645	47 S:2	0	0	0	0	0	2	0	2	2	0	0
<i>Anniella stebbinsi</i> Southern California legless lizard	G3 S3	None None	CDFW_SSC-Species of Special Concern USFS_S-Sensitive	2,358 2,443	426 S:2	0	0	1	0	0	1	1	1	2	0	0
<i>Aquila chrysaetos</i> golden eagle	G5 S3	None None	BLM_S-Sensitive CDF_S-Sensitive CDFW_FP-Fully Protected CDFW_WL-Watch List IUCN_LC-Least Concern USFWS_BCC-Birds of Conservation Concern	2,300 2,300	324 S:1	0	0	0	0	0	1	1	0	1	0	0
<i>Aspidoscelis hyperythra</i> orange-throated whiptail	G5 S2S3	None None	CDFW_WL-Watch List IUCN_LC-Least Concern USFS_S-Sensitive	1,800 1,800	369 S:1	0	0	0	0	0	1	1	0	1	0	0
<i>Aspidoscelis tigris stejnegeri</i> coastal whiptail	G5T5 S3	None None	CDFW_SSC-Species of Special Concern	2,400 2,400	148 S:1	0	1	0	0	0	0	0	1	1	0	0



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Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence			
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.	
<i>Athene cunicularia</i> burrowing owl	G4 S3	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern USFWS_BCC-Birds of Conservation Concern	1,430 1,480	2011 S:3	0	0	0	0	0	0	3	2	1	3	0	0
<i>Atriplex coronata var. notatior</i> San Jacinto Valley crownscale	G4T1 S1	Endangered None	Rare Plant Rank - 1B.1 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	130 1,430	16 S:5	1	1	0	0	1	2	1	4	4	1	0	0
<i>Atriplex serenana var. davidsonii</i> Davidson's saltscale	G5T1 S1	None None	Rare Plant Rank - 1B.2 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	1,430 1,430	27 S:1	0	0	0	0	0	1	0	1	1	0	0	0
<i>Bombus crotchii</i> Crotch bumble bee	G3G4 S1S2	None Candidate Endangered		1,586 3,300	437 S:6	0	0	0	0	0	6	2	4	6	0	0	0
<i>Calochortus plummerae</i> Plummer's mariposa-lily	G4 S4	None None	Rare Plant Rank - 4.2 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	1,800 2,548	230 S:6	0	2	0	0	1	3	3	3	5	1	0	0
<i>Centromadia pungens ssp. laevis</i> smooth tarplant	G3G4T2 S2	None None	Rare Plant Rank - 1B.1 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	1,430 2,100	126 S:7	0	1	1	0	0	5	2	5	7	0	0	0
<i>Chaetodipus fallax fallax</i> northwestern San Diego pocket mouse	G5T3T4 S3S4	None None	CDFW_SSC-Species of Special Concern	1,555 2,200	101 S:4	0	3	1	0	0	0	1	3	4	0	0	0
<i>Chorizanthe parryi var. parryi</i> Parry's spineflower	G3T2 S2	None None	Rare Plant Rank - 1B.1 BLM_S-Sensitive SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden USFS_S-Sensitive	2,400 2,458	150 S:2	0	0	2	0	0	0	0	2	2	0	0	0
<i>Dipodomys merriami parvus</i> San Bernardino kangaroo rat	G5T1 S1	Endangered Candidate Endangered	CDFW_SSC-Species of Special Concern	1,503 1,503	81 S:1	0	0	0	0	0	1	1	0	1	0	0	0



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Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks							Population Status		Presence			
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.		
<i>Dipodomys stephensi</i> Stephens' kangaroo rat	G2 S2	Endangered Threatened	IUCN_EN-Endangered	1,560 2,500	227 S:9	0	3	2	2	0	2	0	2	7	2	9	0	0
<i>Elanus leucurus</i> white-tailed kite	G5 S3S4	None None	BLM_S-Sensitive CDFW_FP-Fully Protected IUCN_LC-Least Concern	2,005 2,074	180 S:2	0	0	0	0	0	2			0	2		0	0
<i>Empidonax traillii eximius</i> southwestern willow flycatcher	G5T2 S1	Endangered Endangered	NABCI_RWL-Red Watch List	790 2,400	70 S:2	0	1	1	0	0	0	0	0	0	2		0	0
<i>Eremophila alpestris actia</i> California horned lark	G5T4Q S4	None None	CDFW_WL-Watch List IUCN_LC-Least Concern	2,430 2,430	94 S:1	0	0	0	1	0	0	0	0	0	1	1	0	0
<i>Icteria virens</i> yellow-breasted chat	G5 S3	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	2,064 2,064	100 S:1	0	1	0	0	0	0	0	0	0	1	1	0	0
<i>Lanius ludovicianus</i> loggerhead shrike	G4 S4	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	2,596 2,596	110 S:1	0	1	0	0	0	0	0	0	0	1	1	0	0
<i>Lasthenia glabrata ssp. coulteri</i> Coulter's goldfields	G4T2 S2	None None	Rare Plant Rank - 1B.1 BLM_S-Sensitive SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_SBBG-Santa Barbara Botanic Garden	1,420 1,460	111 S:7	2	1	0	0	0	0	0	4	0	7	7	0	0
<i>Lepidium virginicum var. robinsonii</i> Robinson's pepper-grass	G5T3 S3	None None	Rare Plant Rank - 4.3	2,100 2,100	142 S:1	0	0	0	0	0	0	1	1	0	1	0	0	0
<i>Lepus californicus bennettii</i> San Diego black-tailed jackrabbit	G5T3T4 S3S4	None None	CDFW_SSC-Species of Special Concern	2,280 2,400	103 S:3	0	3	0	0	0	0	0	0	0	3	3	0	0
<i>Nama stenocarpa</i> mud nama	G4G5 S1S2	None None	Rare Plant Rank - 2B.2	1,400 1,400	22 S:1	0	0	0	0	0	0	1	0	1	1	0	0	0
<i>Onychomys torridus ramona</i> southern grasshopper mouse	G5T3 S3	None None	CDFW_SSC-Species of Special Concern	2,000 2,000	28 S:1	0	0	0	0	0	0	1	1	0	1	0	0	0



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Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks							Population Status		Presence		
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extrap.	Extrap.	
<i>Perognathus longimembris brevinasus</i> Los Angeles pocket mouse	G5T2 S1S2	None None	CDFW_SSC-Species of Special Concern	1,478 1,478	70 S:2	0	1	0	0	0	0	0	1	1	2	0	0
<i>Phrynosoma blainvillii</i> coast horned lizard	G3G4 S3S4	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	1,700 2,400	784 S:6	1	3	0	0	0	2		2	4	6	0	0
<i>Plegadis chihii</i> white-faced ibis	G5 S3S4	None None	CDFW_WL-Watch List IUCN_LC-Least Concern	1,425 1,425	20 S:1	0	0	0	0	0	1		1	0	1	0	0
<i>Setophaga petechia</i> yellow warbler	G5 S3S4	None None	CDFW_SSC-Species of Special Concern USFWS_BCC-Birds of Conservation Concern	2,122 2,122	78 S:1	0	0	0	0	0	1		0	1	1	0	0
<i>Southern Coast Live Oak Riparian Forest</i> Southern Coast Live Oak Riparian Forest	G4 S4	None None		1,820 1,820	246 S:1	0	0	0	0	0	1		1	0	1	0	0
<i>Southern Cottonwood Willow Riparian Forest</i> Southern Cottonwood Willow Riparian Forest	G3 S3.2	None None		2,170 2,170	111 S:1	0	0	0	0	0	1		1	0	1	0	0
<i>Spea hammondi</i> western spadefoot	G2G3 S3	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_NT-Near Threatened	1,565 2,525	1422 S:5	0	1	1	0	0	3		2	3	5	0	0
<i>Symphyotrichum defoliatum</i> San Bernardino aster	G2 S2	None None	Rare Plant Rank - 1B.2 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_CRES-San Diego Zoo CRES Native Gene Seed Bank USFS_S-Sensitive	2,000 2,000	102 S:1	0	0	0	0	0	1		1	0	1	0	0
<i>Trichocoronis wrightii</i> var. <i>wrightii</i> Wright's trichocoronis	G4T3 S1	None None	Rare Plant Rank - 2B.1	1,420 1,420	12 S:1	0	0	0	0	0	1		1	0	1	0	0
<i>Vireo bellii pusillus</i> least Bell's vireo	G5T2 S2	Endangered Endangered	IUCN_NT-Near Threatened NABCI_YWVL-Yellow Watch List	1,443 2,000	503 S:2	0	0	1	0	0	1		0	2	2	0	0



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Query Criteria: Quad> IS (Lake Elsinore (3311763))

Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence	
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.
<i>Accipiter cooperii</i> Cooper's hawk	G5 S4	None None	CDFW_WL-Watch List IUCN_LC-Least Concern	1,640 1,640	118 S:1	0	0	1	0	0	0	0	1	0	0
<i>Aimophila ruficeps canescens</i> southern California rufous-crowned sparrow	G5T3 S3	None None	CDFW_WL-Watch List	1,400 1,900	235 S:8	0	0	1	0	0	7	8	0	0	0
<i>Allium munzii</i> Munz's onion	G1 S1	Endangered Threatened	Rare Plant Rank - 1B.1 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	1,275 2,200	21 S:4	1	2	0	0	0	1	0	4	0	0
<i>Ambrosia pumila</i> San Diego ambrosia	G1 S1	Endangered None	Rare Plant Rank - 1B.1 SB_CRES-San Diego Zoo_CRES Native Gene Seed Bank	1,270 1,900	61 S:3	0	1	1	0	0	1	0	3	0	0
<i>Arizona elegans occidentalis</i> California glossy snake	G5T2 S2	None None	CDFW_SSC-Species of Special Concern	1,369 1,539	260 S:4	0	0	0	0	0	4	4	0	0	0
<i>Artemisospiza belli belli</i> Bell's sage sparrow	G5T2T3 S3	None None	CDFW_WL-Watch List USFWS_BCC-Birds of Conservation Concern	1,400 1,900	61 S:4	0	0	0	0	0	4	4	0	0	0
<i>Aspidoscelis hyperythra</i> orange-throated whiptail	G5 S2S3	None None	CDFW_WL-Watch List IUCN_LC-Least Concern USFS_S-Sensitive	1,280 2,200	369 S:14	1	2	2	0	0	9	12	2	0	0
<i>Athene cunicularia</i> burrowing owl	G4 S3	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern USFWS_BCC-Birds of Conservation Concern	1,275 1,675	2011 S:2	0	1	0	0	0	1	1	1	0	0
<i>Atriplex coronata var. notatifior</i> San Jacinto Valley crownscale	G4T1 S1	Endangered None	Rare Plant Rank - 1B.1 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	1,250 1,250	16 S:1	0	1	0	0	0	0	0	1	0	0
<i>Bombus crotchii</i> Crotch bumble bee	G3G4 S1S2	None Candidate Endangered		1,500 1,700	437 S:2	0	0	0	0	0	2	2	0	0	0



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Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence		
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.
<i>Brodiaea filifolia</i> thread-leaved brodiaea	G2 S2	Threatened Endangered	Rare Plant Rank - 1B.1 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_CRES-San Diego Zoo CRES Native Gene Seed Bank	1,400 1,400	141 S:1	0	0	1	0	0	0	0	0	1	0	0
<i>Centromadia pungens ssp. laevis</i> smooth tarplant	G3G4T2 S2	None None	Rare Plant Rank - 1B.1 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	1,250 1,285	126 S:6	0	0	3	0	0	3	2	4	6	0	0
<i>Chaetodipus fallax fallax</i> northwestern San Diego pocket mouse	G5T3T4 S3S4	None None	CDFW_SSC-Species of Special Concern	1,320 1,320	101 S:1	0	0	0	0	0	1	1	0	1	0	0
<i>Charadrius nivosus nivosus</i> western snowy plover	G3T3 S2	Threatened None	CDFW_SSC-Species of Special Concern NABCI_RWL-Red Watch List USFWS_BCC-Birds of Conservation Concern	1,240 1,240	138 S:1	0	0	0	0	0	1	1	0	1	0	0
<i>Chorizanthe parryi var. parryi</i> Parry's spineflower	G3T2 S2	None None	Rare Plant Rank - 1B.1 BLM_S-Sensitive SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden USFS_S-Sensitive	1,300 2,280	150 S:8	0	0	0	0	1	7	3	5	7	0	1
<i>Chorizanthe polygonoides var. longispina</i> long-spined spineflower	G5T3 S3	None None	Rare Plant Rank - 1B.2 BLM_S-Sensitive SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_CRES-San Diego Zoo CRES Native Gene Seed Bank	1,270 2,200	166 S:8	0	2	1	0	0	5	0	8	8	0	0
<i>Cicindela senilis frosti</i> senile tiger beetle	G2G3T1T3 S1	None None		1,350 1,350	9 S:1	0	0	0	0	0	1	1	0	1	0	0
<i>Crotalus ruber</i> red-diamond rattlesnake	G4 S3	None None	CDFW_SSC-Species of Special Concern USFS_S-Sensitive	1,320 2,000	192 S:4	0	0	0	1	0	3	4	0	4	0	0



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Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks							Population Status		Presence		
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extrap.	Extrap.	
<i>Dipodomys merriami parvus</i> San Bernardino kangaroo rat	G5T1 S1	Endangered Candidate Endangered	CDFW_SSC-Species of Special Concern	1,400 1,400	81 S:1	0	0	0	0	1	0	0	0	0	0	1	0
<i>Dipodomys stephensi</i> Stephens' kangaroo rat	G2 S2	Endangered Threatened	IUCN_EN-Endangered	1,280 2,100	227 S:19	1	2	7	2	1	6	19	0	18	0	0	1
<i>Dodecahema leptoceras</i> slender-horned spineflower	G1 S1	Endangered Endangered	Rare Plant Rank - 1B.1 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden		41 S:1	0	0	0	0	1	0	1	0	0	0	0	1
<i>Dudleya multicaulis</i> many-stemmed dudleya	G2 S2	None None	Rare Plant Rank - 1B.2 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden USFS_S-Sensitive	1,600 1,600	154 S:1	0	0	0	0	0	1	0	1	0	0	0	0
<i>Elanus leucurus</i> white-tailed kite	G5 S3S4	None None	BLM_S-Sensitive CDFW_FP-Fully Protected IUCN_LC-Least Concern	1,258 1,258	180 S:1	1	0	0	0	0	0	0	0	1	0	0	0
<i>Eremophila alpestris actia</i> California horned lark	G5T4Q S4	None None	CDFW_WL-Watch List IUCN_LC-Least Concern	1,520 1,600	94 S:3	0	0	1	0	0	2	3	0	3	0	0	0
<i>Euphydryas editha quino</i> quino checkerspot butterfly	G5T1T2 S1S2	Endangered None		1,500 1,500	150 S:1	1	0	0	0	0	0	0	1	1	0	0	0
<i>Harpagonella palmeri</i> Palmer's grapplinghook	G4 S3	None None	Rare Plant Rank - 4.2 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_CRES-San Diego Zoo CRES Native Gene Seed Bank	1,550 1,550	57 S:1	0	0	0	0	0	1	1	0	1	0	0	0
<i>Icteria virens</i> yellow-breasted chat	G5 S3	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	1,510 1,510	100 S:1	0	1	0	0	0	0	0	1	1	0	0	0



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Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks							Population Status		Presence		
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.	
<i>Lanius ludovicianus</i> loggerhead shrike	G4 S4	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern USFWS_BCC-Birds of Conservation Concern	1,408 1,408	110 S:1	0	0	1	0	0	0	0	0	1	0	0	0
<i>Lasthenia glabrata ssp. coulteri</i> Coulter's goldfields	G4T2 S2	None None	Rare Plant Rank - 1B.1 BLM_S-Sensitive SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_SBBG-Santa Barbara Botanic Garden	1,250 1,265	111 S:2	1	0	0	0	0	0	0	0	0	1	0	0
<i>Lepus californicus bennettii</i> San Diego black-tailed jackrabbit	G5T3T4 S3S4	None None	CDFW_SSC-Species of Special Concern	1,300 1,560	103 S:4	0	0	1	0	0	0	0	0	0	4	0	0
<i>Orcuttia californica</i> California Orcutt grass	G1 S1	Endangered Endangered	Rare Plant Rank - 1B.1 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_CRES-San Diego Zoo_CRES Native Gene Seed Bank	1,300 1,300	39 S:1	0	0	0	0	0	0	0	0	0	1	0	0
<i>Phrynosoma blainvillii</i> coast horned lizard	G3G4 S3S4	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	1,320 2,600	784 S:9	0	1	1	1	1	2	4	0	0	1	1	1
<i>Plegadis chihii</i> white-faced ibis	G5 S3S4	None None	CDFW_WL-Watch List IUCN_LC-Least Concern	1,240 1,240	20 S:1	0	0	0	0	0	1	0	0	0	0	1	0
<i>Poliophtila californica californica</i> coastal California gnatcatcher	G4G5T3Q S2	Threatened None	CDFW_SSC-Species of Special Concern NABCI_YWL-Yellow Watch List	1,360 1,920	1087 S:22	0	2	1	0	1	0	1	18	0	21	1	0
<i>Salvadora hexalepis virgultea</i> coast patch-nosed snake	G5T4 S2S3	None None	CDFW_SSC-Species of Special Concern	1,600 1,600	34 S:1	0	0	1	0	0	0	0	0	0	1	0	0
<i>Southern Coast Live Oak Riparian Forest</i> Southern Coast Live Oak Riparian Forest	G4 S4	None None		1,600 1,780	246 S:3	0	0	0	0	0	2	1	0	0	1	0	2



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Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence		
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.
Southern Cottonwood Willow Riparian Forest Southern Cottonwood Willow Riparian Forest	G3 S3.2	None None		1,260 1,840	111 S:5	0	0	0	0	2	3	5	0	3	0	2
Southern Sycamore Alder Riparian Woodland Southern Sycamore Alder Riparian Woodland	G4 S4	None None		1,320 2,820	230 S:5	0	0	0	0	5		5	0	5	0	0
Spea hammondi western spadefoot	G2G3 S3	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_NT-Near Threatened	1,248 1,876	1422 S:10	0	2	0	2	0	6	4	6	10	0	0
Streptocephalus woottoni Riverside fairy shrimp	G1G2 S1S2	Endangered None	IUCN_EN-Endangered	1,260 1,260	83 S:1	0	0	0	1	0	0	0	1	1	0	0
Vireo bellii pusillus least Bell's vireo	G5T2 S2	Endangered Endangered	IUCN_NT-Near Threatened NABCI_YWL-Yellow Watch List	1,250 1,600	503 S:13	1	6	1	1	0	4	1	12	13	0	0



Summary Table Report

California Department of Fish and Wildlife

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Query Criteria: Quad IS (Lakeview (3311771))

Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence		
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.
<i>Abronia villosa</i> var. <i>aurita</i> chaparral sand-veribena	G5T2? S2	None None	Rare Plant Rank - 1B.1 BLM_S-Sensitive SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden USFS_S-Sensitive	1,450 1,450	98 S:1	0	0	1	0	0	0	0	0	1	0	0
<i>Agelaius tricolor</i> tricolored blackbird	G1G2 S1S2	None Threatened	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_EN-Endangered NABCI_RWL-Red Watch List USFWS_BCC-Birds of Conservation Concern	1,425 1,493	955 S:7	0	0	0	0	0	7	0	7	0	0	0
<i>Aimophila ruficeps canescens</i> southern California rufous-crowned sparrow	G5T3 S3	None None	CDFW_WL-Watch List	1,540 2,340	235 S:2	0	0	0	0	0	2	1	2	0	0	0
<i>Anniella stebbinsi</i> Southern California legless lizard	G3 S3	None None	CDFW_SSC-Species of Special Concern USFS_S-Sensitive	1,500 1,754	426 S:2	0	0	2	0	0	0	1	2	0	0	0
<i>Arizona elegans occidentalis</i> California glossy snake	G5T2 S2	None None	CDFW_SSC-Species of Special Concern	1,450 1,834	260 S:2	0	0	0	0	0	2	1	2	0	0	0
<i>Artemisospiza belli belli</i> Bell's sage sparrow	G5T2T3 S3	None None	CDFW_WL-Watch List USFWS_BCC-Birds of Conservation Concern	2,380 2,380	61 S:1	0	0	0	0	0	1	1	0	1	0	0
<i>Aspidoscelis hyperythra</i> orange-throated whiptail	G5 S2S3	None None	CDFW_WL-Watch List IUCN_LC-Least Concern USFS_S-Sensitive	1,600 2,120	369 S:6	0	4	0	1	0	1	4	2	6	0	0
<i>Astragalus pachypus</i> var. <i>jaegeri</i> Jaeger's milk-vetch	G4T1 S1	None None	Rare Plant Rank - 1B.1 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden USFS_S-Sensitive	2,000 2,000	18 S:1	0	0	0	0	0	1	1	0	1	0	0



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Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks							Population Status		Presence	
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extrtp.	Extrtp.
<i>Athene cunicularia</i> burrowing owl	G4 S3	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern USFWS_BCC-Birds of Conservation Concern	1,425 1,600	2011 S:12	1	0	2	0	0	0	9	6	12	0	0
<i>Atriplex coronata var. notatior</i> San Jacinto Valley crownscale	G4T1 S1	Endangered None	Rare Plant Rank - 1B.1 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	130 1,510	16 S:8	2	3	1	0	0	2	0	0	8	0	0
<i>Atriplex parishii</i> Parish's brittle-scale	G1G2 S1	None None	Rare Plant Rank - 1B.1 SB_CRES-San Diego Zoo CRES Native Gene Seed Bank USFS_S-Sensitive	1,420 1,420	15 S:1	0	0	0	0	1	0	1	0	0	1	0
<i>Atriplex serenana var. davidsonii</i> Davidson's salt-scale	G5T1 S1	None None	Rare Plant Rank - 1B.2 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	1,427 1,510	27 S:6	0	0	1	0	0	5	1	5	6	0	0
<i>Bombus crotchii</i> Crotch bumble bee	G3G4 S1S2	None Candidate Endangered		1,600 1,600	437 S:1	0	0	0	0	0	1	1	0	1	0	0
<i>Brodiaea filifolia</i> thread-leaved brodiaea	G2 S2	Threatened Endangered	Rare Plant Rank - 1B.1 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_CRES-San Diego Zoo CRES Native Gene Seed Bank	1,400 1,432	141 S:3	0	1	1	0	0	1	0	3	3	0	0
<i>Buteo regalis</i> ferruginous hawk	G4 S3S4	None None	CDFW_WL-Watch List IUCN_LC-Least Concern USFWS_BCC-Birds of Conservation Concern	1,470 2,200	107 S:2	0	0	0	0	0	2	2	0	2	0	0
<i>Calochortus plummerae</i> Plummer's mariposa-lily	G4 S4	None None	Rare Plant Rank - 4.2 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	2,000 2,000	230 S:1	0	0	0	0	0	1	0	1	1	0	0



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Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks							Population Status		Presence	
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.
<i>Campylorhynchus brunneicapillus sandiegensis</i> coastal cactus wren	G5T3Q S3	None None	CDFW_SSC-Species of Special Concern USFS_S-Sensitive USFWS_BCC-Birds of Conservation Concern	1,640 1,640	156 S:1	0	0	0	0	0	0	1	0	1	0	0
<i>Caulanthus simulans</i> Payson's jewelflower	G4 S4	None None	Rare Plant Rank - 4.2 USFS_S-Sensitive	1,940 2,400	31 S:5	0	0	0	0	0	5	0	0	5	0	0
<i>Centromadia pungens ssp. laevis</i> smooth tarplant	G3G4T2 S2	None None	Rare Plant Rank - 1B.1 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	1,420 1,800	126 S:23	1	4	4	2	2	10	9	14	21	2	0
<i>Chaetodipus fallax fallax</i> northwestern San Diego pocket mouse	G5T3T4 S3S4	None None	CDFW_SSC-Species of Special Concern	1,500 2,400	101 S:6	0	4	2	0	0	0	4	2	6	0	0
<i>Chorizanthe parryi var. parryi</i> Parry's spineflower	G3T2 S2	None None	Rare Plant Rank - 1B.1 BLM_S-Sensitive SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden USFS_S-Sensitive	1,520 2,600	150 S:3	0	0	0	0	0	3	1	2	3	0	0
<i>Crotalus ruber</i> red-diamond rattlesnake	G4 S3	None None	CDFW_SSC-Species of Special Concern USFS_S-Sensitive	1,600 1,660	192 S:2	1	0	0	0	0	1	1	1	2	0	0
<i>Dipodomys merriami parvus</i> San Bernardino kangaroo rat	G5T1 S1	Endangered Candidate Endangered	CDFW_SSC-Species of Special Concern	1,452 1,503	81 S:3	0	0	0	0	0	3	2	1	3	0	0
<i>Dipodomys stephensi</i> Stephens' kangaroo rat	G2 S2	Endangered Threatened	IUCN_EN-Endangered	1,481 2,260	227 S:9	0	2	2	0	2	3	6	3	7	1	1
<i>Lanius ludovicianus</i> loggerhead shrike	G4 S4	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern USFWS_BCC-Birds of Conservation Concern	1,492 1,492	110 S:1	1	0	0	0	0	0	0	1	1	0	0
<i>Lasturus xanthinus</i> western yellow bat	G4G5 S3	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern WBWG_H-High Priority	1,660 1,660	58 S:1	0	0	0	0	0	1	1	0	1	0	0



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Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence	
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.
<i>Lasthenia glabrata ssp. coulteri</i> Coulter's goldfields	G4T2 S2	None None	Rare Plant Rank - 1B.1 BLM_S-Sensitive SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_SBBG-Santa Barbara Botanic Garden	1,425 1,535	111 S:11	2	2	2	1	0	4	0	11	0	0
<i>Lepus californicus bennettii</i> San Diego black-tailed jackrabbit	G5T3T4 S3S4	None None	CDFW_SSC-Species of Special Concern	1,470 1,470	103 S:1	0	0	0	0	0	1	0	1	0	0
<i>Nama stenocarpa</i> mud nama	G4G5 S1S2	None None	Rare Plant Rank - 2B.2	1,400 1,400	22 S:1	0	0	0	0	0	1	0	1	0	0
<i>Navarretia fossalis</i> spreading havarretia	G2 S2	Threatened None	Rare Plant Rank - 1B.1 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_CRES-San Diego Zoo_CRES Native Gene Seed Bank	1,430 1,500	78 S:3	1	0	0	0	0	2	0	3	0	0
<i>Neotoma lepida intermedia</i> San Diego desert woodrat	G5T3T4 S3S4	None None	CDFW_SSC-Species of Special Concern	1,450 1,450	132 S:1	0	1	0	0	0	0	0	1	0	0
<i>Perognathus longimembris brevinasus</i> Los Angeles pocket mouse	G5T2 S1S2	None None	CDFW_SSC-Species of Special Concern	1,478 1,490	70 S:2	0	1	0	0	0	1	0	1	0	0
<i>Plegadis chihui</i> white-faced ibis	G5 S3S4	None None	CDFW_WL-Watch List IUCN_LC-Least Concern	1,425 1,492	20 S:2	1	0	0	0	0	1	0	2	0	0
<i>Poliptila californica californica</i> coastal California gnatcatcher	G4G5T3Q S2	Threatened None	CDFW_SSC-Species of Special Concern NABCI_YWL-Yellow Watch List	1,500 1,640	1087 S:3	0	0	1	0	0	2	0	1	0	0
<i>Setophaga petechia</i> yellow warbler	G5 S3S4	None None	CDFW_SSC-Species of Special Concern USFWS_BCC-Birds of Conservation Concern	1,445 1,445	78 S:1	0	0	1	0	0	0	0	1	0	0
<i>Sidalcea neomexicana</i> salt spring checkerbloom	G4 S2	None None	Rare Plant Rank - 2B.2 USFS_S-Sensitive	1,500 1,500	30 S:1	0	0	0	0	0	1	0	1	0	0



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Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks							Population Status		Presence	
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.
Southern Cottonwood Willow Riparian Forest Southern Cottonwood Willow Riparian Forest	G3 S3.2	None None		1,490 1,680	111 S:3	0	1	0	0	2	0	3	0	1	0	2
Southern Riparian Scrub Southern Riparian Scrub	G3 S3.2	None None		1,450 1,450	56 S:1	0	0	0	0	0	1	1	0	1	0	0
Spea hammondi western spadefoot	G2G3 S3	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_NT-Near Threatened	1,431 1,502	1422 S:4	0	2	1	0	0	1	0	4	4	0	0
Taxidea taxus American badger	G5 S3	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	1,400 1,400	594 S:1	0	0	0	0	0	1	1	0	1	0	0
Tortula californica California screw moss	G2G3 S2?	None None	Rare Plant Rank - 1B.2 BLM_S-Sensitive	2,100 2,450	15 S:2	0	2	0	0	0	0	0	2	2	0	0
Trichocoronis wrightii var. wrightii Wright's trichocoronis	G4T3 S1	None None	Rare Plant Rank - 2B.1	1,420 1,420	12 S:1	0	0	0	0	0	1	1	0	1	0	0
Vireo bellii pusillus least Bell's vireo	G5T2 S2	Endangered Endangered	IUCN_NT-Near Threatened NABC_YWL-Yellow Watch List	1,445 1,445	503 S:1	0	0	0	0	0	1	0	1	1	0	0
Xanthocephalus xanthocephalus yellow-headed blackbird	G5 S3	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	1,493 1,493	13 S:1	0	0	0	0	0	1	1	0	1	0	0



Summary Table Report

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Query Criteria: Quad= IS (Romoland (3311762))

Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence	
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.
<i>Aimophila ruficeps canescens</i> southern California rufous-crowned sparrow	G5T3 S3	None None	CDFW_WL-Watch List	1,490 1,800	235 S:5	0	2	0	0	0	0	3	5	0	0
<i>Allium munzii</i> Munz's onion	G1 S1	Endangered Threatened	Rare Plant Rank - 1B.1 SB_CalBG/RSABG- California/Rancho Santa Ana Botanic Garden	1,400 1,525	21 S:3	0	0	1	0	0	2		3	0	0
<i>Aquila chrysaetos</i> golden eagle	G5 S3	None None	BLM_S-Sensitive CDF_S-Sensitive CDFW_FP-Fully Protected CDFW_WL-Watch List IUCN_LC-Least USFWS_BCC-Birds of Conservation Concern	1,580 1,580	324 S:1	0	0	0	0	0	1		1	0	0
<i>Arizona elegans occidentalis</i> California glossy snake	G5T2 S2	None None	CDFW_SSC-Species of Special Concern	1,453 1,453	260 S:1	0	0	0	0	0	1		1	0	0
<i>Artemisiospiza belli belli</i> Bell's sage sparrow	G5T2T3 S3	None None	CDFW_WL-Watch List USFWS_BCC-Birds of Conservation Concern	1,500 1,800	61 S:4	0	0	0	0	0	4		4	0	0
<i>Aspidoscelis hyperythra</i> orange-throated whiptail	G5 S2S3	None None	CDFW_WL-Watch List IUCN_LC-Least Concern USFS_S-Sensitive	1,500 1,800	369 S:6	0	2	2	0	0	2		6	0	0
<i>Aspidoscelis tigris stejnegeri</i> coastal whiptail	G5T5 S3	None None	CDFW_SSC-Species of Special Concern	1,500 1,500	148 S:1	0	0	0	0	0	1		1	0	0
<i>Athene cunicularia</i> burrowing owl	G4 S3	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern USFWS_BCC-Birds of Conservation Concern	1,410 1,720	2011 S:25	0	4	4	3	1	13		24	1	0
<i>Bombus crotchii</i> Crotch bumble bee	G3G4 S1S2	None Candidate Endangered		1,500 1,700	437 S:3	0	0	0	0	0	3		3	0	0



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						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.
<i>Brodiaea filifolia</i> thread-leaved brodiaea	G2 S2	Threatened Endangered	Rare Plant Rank - 1B.1 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_CRES-San Diego Zoo CRES Native Gene Seed Bank	1,400 1,420	141 S:2	0	0	1	0	1	0	1	1	1	0
<i>Buteo regalis</i> ferruginous hawk	G4 S3S4	None None	CDFW_WL-Watch List IUCN_LC-Least Concern USFWS_BCC-Birds of Conservation Concern	1,440 1,500	107 S:2	0	2	0	0	0	0	0	2	0	0
<i>Centromadia pungens ssp. laevis</i> smooth tarplant	G3G4T2 S2	None None	Rare Plant Rank - 1B.1 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	1,400 1,470	126 S:8	0	1	1	0	1	5	2	6	7	1
<i>Chaetodipus californicus femoralis</i> Duizura pocket mouse	G5T3 S3	None None	CDFW_SSC-Species of Special Concern	1,480 1,480	54 S:1	0	0	0	1	0	0	1	0	1	0
<i>Chaetodipus fallax fallax</i> northwestern San Diego pocket mouse	G5T3T4 S3S4	None None	CDFW_SSC-Species of Special Concern	1,450 1,450	101 S:1	0	0	0	0	0	1	1	0	1	0
<i>Chorizanthe parryi var. parryi</i> Parry's spineflower	G3T2 S2	None None	Rare Plant Rank - 1B.1 BLM_S-Sensitive SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden USFS_S-Sensitive	1,400 1,900	150 S:13	0	1	0	0	2	10	4	9	11	0
<i>Chorizanthe polygonoides var. longispina</i> long-spined spineflower	G5T3 S3	None None	Rare Plant Rank - 1B.2 BLM_S-Sensitive SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_CRES-San Diego Zoo CRES Native Gene Seed Bank	1,415 1,770	166 S:9	2	2	0	0	0	5	0	9	9	0
<i>Crotalus ruber</i> red-diamond rattlesnake	G4 S3	None None	CDFW_SSC-Species of Special Concern USFS_S-Sensitive	1,500 1,800	192 S:3	0	0	1	0	0	2	3	0	3	0



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Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks							Population Status		Presence		
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extrap.	Extrap.	
<i>Dipodomys merriami parvus</i> San Bernardino kangaroo rat	G5T1 S1	Endangered Candidate Endangered	CDFW_SSC-Species of Special Concern	1,400 1,400	81 S:1	0	0	0	0	0	0	1	1	0	0	0	0
<i>Dipodomys stephensi</i> Stephens' kangaroo rat	G2 S2	Endangered Threatened	IUCN_EN-Endangered	1,440 1,850	227 S:18	0	2	7	5	2	2	17	1	16	0	0	2
<i>Eremophila alpestris actia</i> California horned lark	G5T4Q S4	None None	CDFW_WL-Watch List IUCN_LC-Least Concern	1,430 1,500	94 S:4	0	1	1	0	0	2	2	4	0	0	0	0
<i>Eumops perotis californicus</i> western mastiff bat	G4G5T4 S3S4	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern WBWG_H-High Priority	1,500 1,500	296 S:2	0	0	0	0	0	2	2	0	2	0	0	0
<i>Euphydryas editha quino</i> quino checkerspot butterfly	G5T1T2 S1S2	Endangered None		1,580 1,580	150 S:1	0	0	0	0	0	1	1	0	1	0	0	0
<i>Harpagonella palmeri</i> Palmer's grapplinghook	G4 S3	None None	Rare Plant Rank - 4.2 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_CRES-San Diego Zoo_CRES Native Gene Seed Bank	1,540 1,540	57 S:1	0	0	0	0	0	1	1	0	1	0	0	0
<i>Lanius ludovicianus</i> loggerhead shrike	G4 S4	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern USFWS_BCC-Birds of Conservation Concern	1,455 1,455	110 S:1	0	0	0	1	0	0	0	1	1	0	0	0
<i>Lasurus xanthinus</i> western yellow bat	G4G5 S3	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern WBWG_H-High Priority	1,425 1,660	58 S:2	0	0	0	0	0	2	2	0	2	0	0	0



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						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extrap.	Extrap.
<i>Lasthenia glabrata</i> ssp. <i>coulteri</i> Coulter's goldfields	G4T2 S2	None None	Rare Plant Rank - 1B.1 BLM_S-Sensitive SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_SBBG-Santa Barbara Botanic Garden	1,415 1,430	111 S:2	1	0	0	0	0	0	1	0	2	0	0
<i>Lepidium virginicum</i> var. <i>robinsonii</i> Robinson's pepper-grass	G5T3 S3	None None	Rare Plant Rank - 4.3	1,550 1,550	142 S:1	0	0	1	0	0	0	1	0	1	0	0
<i>Lepus californicus bennettii</i> San Diego black-tailed jackrabbit	G5T3T4 S3S4	None None	CDFW_SSC-Species of Special Concern	1,440 1,900	103 S:5	0	2	0	0	0	3	3	0	5	0	0
<i>Navarretia fossalis</i> spreading havarretia	G2 S2	Threatened None	Rare Plant Rank - 1B.1 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_CRES-San Diego Zoo_CRES Native Gene Seed Bank	1,410 1,500	78 S:5	0	2	1	0	0	2	2	0	5	0	0
<i>Onychomys torridus ramona</i> southern grasshopper mouse	G5T3 S3	None None	CDFW_SSC-Species of Special Concern	1,500 1,500	28 S:1	0	0	0	0	0	1	1	0	1	0	0
<i>Orcuttia californica</i> California Orcutt grass	G1 S1	Endangered Endangered	Rare Plant Rank - 1B.1 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_CRES-San Diego Zoo_CRES Native Gene Seed Bank	1,485 1,485	39 S:3	0	2	0	0	1	0	2	1	2	1	0
<i>Perognathus longimembris brevinasus</i> Los Angeles pocket mouse	G5T2 S1S2	None None	CDFW_SSC-Species of Special Concern	1,480 1,480	70 S:1	0	0	0	1	0	0	1	0	1	0	0
<i>Phrynosoma blainvillii</i> coast horned lizard	G3G4 S3S4	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	1,800 1,800	784 S:1	0	0	1	0	0	0	1	0	1	0	0



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						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.
<i>Polioptila californica californica</i> coastal California gnatcatcher	G4G5T3Q S2	Threatened None	CDFW_SSC-Species of Special Concern NABCL_YWL-Yellow Watch List	1,440 1,700	1087 S:17	0	2	2	0	0	13	11	6	17	0	0
Southern Coast Live Oak Riparian Forest Southern Coast Live Oak Riparian Forest	G4 S4	None None		1,580 1,660	246 S:3	0	0	0	0	0	3	3	0	3	0	0
Southern Cottonwood Willow Riparian Forest Southern Cottonwood Willow Riparian Forest	G3 S3.2	None None		1,460 1,460	111 S:1	0	0	0	0	0	1	1	0	1	0	0
<i>Spea hammondi</i> western spadefoot	G2G3 S3	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_NT-Near Threatened	1,370 1,530	1422 S:9	0	1	2	3	0	3	0	9	9	0	0
<i>Streptocephalus woottoni</i> Riverside fairy shrimp	G1G2 S1S2	Endangered None	IUCN_EN-Endangered	1,485 1,510	83 S:3	0	1	0	1	1	0	0	3	2	0	1



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Query Criteria: Quad IS (Steele Peak (3311773))

Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence	
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.
<i>Accipiter cooperii</i> Cooper's hawk	G5 S4	None None	CDFW_WL-Watch List IUCN_LC-Least Concern	2,000 2,000	118 S:1	0	0	0	0	0	1	1	0	0	0
<i>Aimophila ruficeps canescens</i> southern California rufous-crowned sparrow	G5T3 S3	None None	CDFW_WL-Watch List	1,490 2,245	235 S:5	1	4	0	0	0	0	3	2	5	0
<i>Allium munzii</i> Munz's onion	G1 S1	Endangered Threatened	Rare Plant Rank - 1B.1 SB_CalIBG/RSABG-California/Rancho Santa Ana Botanic Garden	2,050 2,223	21 S:4	0	2	0	0	1	1	2	2	3	1
<i>Anniella stebbinsi</i> Southern California legless lizard	G3 S3	None None	CDFW_SSC-Species of Special Concern USFS_S-Sensitive	1,531 2,247	426 S:10	0	8	2	0	0	0	2	8	10	0
<i>Arizona elegans occidentalis</i> California glossy snake	G5T2 S2	None None	CDFW_SSC-Species of Special Concern	1,539 1,591	260 S:2	0	0	0	0	0	2	1	1	2	0
<i>Artemisiospiza belli belli</i> Bell's sage sparrow	G5T2T3 S3	None None	CDFW_WL-Watch List USFWS_BCC-Birds of Conservation Concern	1,800 1,800	61 S:1	0	0	0	0	0	1	1	0	1	0
<i>Asio otus</i> long-eared owl	G5 S3?	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	2,015 2,030	56 S:2	0	0	0	0	0	2	2	0	2	0
<i>Aspidoscelis hyperythra</i> orange-throated whiptail	G5 S2S3	None None	CDFW_WL-Watch List IUCN_LC-Least Concern USFS_S-Sensitive	1,400 2,020	369 S:9	0	0	0	0	0	9	9	0	9	0
<i>Aspidoscelis tigris stejnegeri</i> coastal whiptail	G5T5 S3	None None	CDFW_SSC-Species of Special Concern	1,900 1,900	148 S:1	0	0	0	0	0	1	1	0	1	0
<i>Athene cunicularia</i> burrowing owl	G4 S3	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern USFWS_BCC-Birds of Conservation Concern	1,570 2,190	2011 S:5	1	3	0	0	0	1	0	5	5	0



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						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.	
<i>Bombus crotchii</i> Crotch bumble bee	G3G4 S1S2	None Candidate Endangered		1,798 2,200	437 S:3	0	0	0	0	0	0	3	2	1	3	0	0
<i>Centromadia pungens ssp. laevis</i> smooth tarplant	G3G4T2 S2	None None	Rare Plant Rank - 1B.1 SB_CalBG/RSABG- California/Rancho Santa Ana Botanic Garden	1,466 2,000	126 S:4	0	1	0	0	0	3	3	3	1	4	0	0
<i>Chaetodipus fallax fallax</i> northwestern San Diego pocket mouse	G5T3T4 S3S4	None None	CDFW_SSC-Species of Special Concern	1,500 2,160	101 S:3	0	1	0	0	0	2	3	3	0	3	0	0
<i>Chorizanthe parryi var. parryi</i> Parry's spineflower	G3T2 S2	None None	Rare Plant Rank - 1B.1 BLM_S-Sensitive SB_CalBG/RSABG- California/Rancho Santa Ana Botanic Garden USFS_S-Sensitive	2,000 2,250	150 S:3	0	0	1	0	0	2	0	0	3	3	0	0
<i>Chorizanthe polygonoides var. longispina</i> long-spined spineflower	G5T3 S3	None None	Rare Plant Rank - 1B.2 BLM_S-Sensitive SB_CalBG/RSABG- California/Rancho Santa Ana Botanic Garden SB_CRES-San Diego Zoo CRES Native Gene Seed Bank	1,460 2,200	166 S:5	0	2	0	0	0	3	3	2	5	0	0	0
<i>Crotalus ruber</i> red-diamond rattlesnake	G4 S3	None None	CDFW_SSC-Species of Special Concern USFS_S-Sensitive	1,320 2,335	192 S:17	0	1	0	0	0	16	3	14	17	0	0	0
<i>Diadophis punctatus modestus</i> San Bernardino ringneck snake	G5T2T3 S2?	None None	USFS_S-Sensitive	1,600 1,600	14 S:1	0	0	0	0	0	1	1	0	1	0	0	0
<i>Dipodomys merriami parvus</i> San Bernardino kangaroo rat	G5T1 S1	Endangered Candidate Endangered	CDFW_SSC-Species of Special Concern	1,756 1,756	81 S:1	0	0	0	0	0	1	1	0	1	0	0	0
<i>Dipodomys stephensi</i> Stephens' kangaroo rat	G2 S2	Endangered Threatened	IUCN_EN-Endangered	1,400 2,250	227 S:33	4	7	10	5	1	6	30	3	32	0	1	1
<i>Elanus leucurus</i> white-tailed kite	G5 S3S4	None None	BLM_S-Sensitive CDFW_FP-Fully Protected IUCN_LC-Least Concern	2,000 2,000	180 S:1	0	0	0	0	0	1	1	0	1	0	0	0



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						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.	
<i>Eremophila alpestris actia</i> California horned lark	G5T4Q S4	None None	CDFW_WL-Watch List IUCN_LC-Least Concern	1,700 1,700	94 S:1	0	0	0	0	0	1	1	0	0	0	0	
<i>Euphydryas editha quino</i> quino checkerspot butterfly	G5T1T2 S1S2	Endangered None		2,000 2,200	150 S:3	0	0	0	0	1	2	3	0	0	2	1	0
<i>Haliaeetus leucocephalus</i> bald eagle	G5 S3	Delisted Endangered	BLM_S-Sensitive CDF_S-Sensitive CDFW_FP-Fully Protected IUCN_LC-Least Concern USFS_S-Sensitive USFWS_BCC-Birds of Conservation Concern	1,400 1,400	329 S:1	0	0	0	0	0	1	1	0	0	1	0	0
<i>Harpagonella palmeri</i> Palmer's grappellinghook	G4 S3	None None	Rare Plant Rank - 4.2 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_CRES-San Diego Zoo CRES Native Gene Seed Bank	2,040 2,100	57 S:2	1	0	0	0	0	1	0	2	0	1	1	0
<i>Lepidium virginicum var. robinsonii</i> Robinson's pepper-grass	G5T3 S3	None None	Rare Plant Rank - 4.3	2,000 2,000	142 S:1	0	0	0	0	0	1	1	0	0	1	0	0
<i>Lepus californicus bennettii</i> San Diego black-tailed jackrabbit	G5T3T4 S3S4	None None	CDFW_SSC-Species of Special Concern	1,665 1,665	103 S:1	0	0	1	0	0	0	0	0	1	1	0	0
<i>Myosurus minimus ssp. apus</i> little mouse-tail	G5T2Q S2	None None	Rare Plant Rank - 3.1 SB_CRES-San Diego Zoo CRES Native Gene Seed Bank	2,000 2,000	24 S:1	0	0	0	0	0	1	1	0	0	1	0	0
<i>Neolarra alba</i> white cuckoo bee	GH SH	None None		1,700 1,700	8 S:1	0	0	0	0	0	1	1	0	0	1	0	0
<i>Neotoma lepida intermedia</i> San Diego desert woodrat	G5T3T4 S3S4	None None	CDFW_SSC-Species of Special Concern	1,500 1,500	132 S:1	0	1	0	0	0	0	1	0	0	1	0	0
<i>Nyctinomops femorosaccus</i> pocketed free-tailed bat	G5 S3	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern WBWG_M-Medium Priority	1,600 1,600	90 S:1	0	0	0	0	0	1	1	0	0	1	0	0



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						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.	
<i>Phrynosoma blainvillii</i> coast horned lizard	G3G4 S3S4	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	1,500 2,390	784 S:11	1	2	0	0	0	0	8	7	4	11	0	0
<i>Polioptila californica californica</i> coastal California gnatcatcher	G4G5T3Q S2	Threatened None	CDFW_SSC-Species of Special Concern NABCI_YWL-Yellow Watch List	1,440 2,200	1087 S:12	1	2	1	0	0	8	11	1	1	12	0	0
Southern Coast Live Oak Riparian Forest Southern Coast Live Oak Riparian Forest	G4 S4	None None		1,880 1,880	246 S:1	0	0	0	0	0	1	1	0	0	1	0	0
Southern Cottonwood Willow Riparian Forest Southern Cottonwood Willow Riparian Forest	G3 S3.2	None None		1,460 1,840	111 S:2	0	0	0	0	0	2	2	0	0	2	0	0
Southern Sycamore Alder Riparian Woodland Southern Sycamore Alder Riparian Woodland	G4 S4	None None		1,900 1,980	230 S:2	0	0	0	0	0	2	2	0	0	2	0	0
<i>Spea hammondi</i> western spadefoot	G2G3 S3	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_NT-Near Threatened	1,609 2,283	1422 S:8	0	3	1	1	1	2	3	5	7	1	1	0
<i>Texosporium sancti-jacobi</i> woven-spotted lichen	G3 S2	None None	Rare Plant Rank - 3	2,320 2,320	19 S:1	0	0	0	0	0	1	0	1	1	0	0	0
<i>Vireo bellii pusillus</i> least Bell's vireo	G5T2 S2	Endangered Endangered	IUCN_NT-Near Threatened NABCI_YWL-Yellow Watch List	1,300 1,600	503 S:4	0	0	3	0	0	1	0	0	4	4	0	0



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Query Criteria: Quad> IS (Winchester (33117611))

Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence	
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extrap.
<i>Abronia villosa</i> var. <i>aurita</i> chapparal sand-veribena	G5T2? S2	None None	Rare Plant Rank - 1B.1 BLM_S-Sensitive SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden USFS_S-Sensitive	1,490 1,600	98 S:2	0	0	0	1	1	0	1	1	0	1
<i>Accipiter cooperii</i> Cooper's hawk	G5 S4	None None	CDFW_WL-Watch List IUCN_LC-Least Concern	1,509 1,509	118 S:1	0	0	1	0	0	0	1	1	0	0
<i>Aimophila ruficeps canescens</i> southern California rufous-crowned sparrow	G5T3 S3	None None	CDFW_WL-Watch List	1,480 1,600	235 S:4	1	1	1	0	0	1	4	4	0	0
<i>Allium munzii</i> Munz's onion	G1 S1	Endangered Threatened	Rare Plant Rank - 1B.1 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	2,190 2,190	21 S:1	1	0	0	0	0	0	1	1	0	0
<i>Artemisiospiza belli belli</i> Bell's sage sparrow	G5T2T3 S3	None None	CDFW_WL-Watch List USFWS_BCC-Birds of Conservation Concern	1,480 1,656	61 S:2	1	0	0	0	0	1	2	2	0	0
<i>Aspidoscelis hyperythra</i> orange-throated whiptail	G5 S2S3	None None	CDFW_WL-Watch List IUCN_LC-Least Concern USFS_S-Sensitive	1,500 2,080	369 S:8	2	1	0	0	0	5	6	2	8	0
<i>Aspidoscelis tigris stejnegeri</i> coastal whiptail	G5T5 S3	None None	CDFW_SSC-Species of Special Concern	1,500 2,000	148 S:3	0	0	0	1	0	2	2	1	3	0
<i>Athene cunicularia</i> burrowing owl	G4 S3	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern USFWS_BCC-Birds of Conservation Concern	1,446 1,580	2011 S:38	8	13	2	2	1	12	1	37	1	0
<i>Atriplex coronata</i> var. <i>notatior</i> San Jacinto Valley crownscale	G4T1 S1	Endangered None	Rare Plant Rank - 1B.1 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	1,500 1,500	16 S:1	1	0	0	0	0	0	1	1	0	0



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Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence	
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.
<i>Atriplex parishii</i> Parish's brittle scale	G1G2 S1	None None	Rare Plant Rank - 1B.1 SB_CRES-San Diego Zoo_CRES Native Gene Seed Bank USFS_S-Sensitive	1,460 1,500	15 S:2	1	0	0	0	0	1	1	2	0	0
<i>Atriplex serenana var. davidsonii</i> Davidson's salt scale	G5T1 S1	None None	Rare Plant Rank - 1B.2 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	1,500 1,500	27 S:1	0	1	0	0	0	0	0	1	0	0
<i>Bombus crotchii</i> Crotch bumble bee	G3G4 S1S2	None Candidate Endangered		1,600 1,600	437 S:1	0	0	0	0	0	1	0	1	0	0
<i>Branchinecta lynchi</i> vernal pool fairy shrimp	G3 S3	Threatened None	IUCN_VU-Vulnerable	1,500 1,500	795 S:1	0	1	0	0	0	0	1	1	0	0
<i>Brodiaea filifolia</i> thread-leaved brodiaea	G2 S2	Threatened Endangered	Rare Plant Rank - 1B.1 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_CRES-San Diego Zoo_CRES Native Gene Seed Bank	498 498	141 S:1	0	1	0	0	0	0	0	1	0	0
<i>Buteo regalis</i> ferruginous hawk	G4 S3S4	None None	CDFW_WL-Watch List IUCN_LC-Least Concern USFWS_BCC-Birds of Conservation Concern	1,440 1,474	107 S:2	0	2	0	0	0	0	0	2	0	0
<i>Calochortus weedii var. intermedius</i> intermediate mariposa-lily	G3G4T2 S3	None None	Rare Plant Rank - 1B.2 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden USFS_S-Sensitive	2,170 2,500	197 S:2	0	0	0	0	0	2	1	2	0	0
<i>Caulanthus simulans</i> Payson's jewel flower	G4 S4	None None	Rare Plant Rank - 4.2 USFS_S-Sensitive		31 S:1	0	0	0	0	0	1	0	1	0	0
<i>Centromadia pungens ssp. laevis</i> smooth tarplant	G3G4T2 S2	None None	Rare Plant Rank - 1B.1 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	1,400 1,600	126 S:18	0	3	3	1	4	7	9	14	1	3



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Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks							Population Status		Presence		
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.	
<i>Chaetodipus fallax fallax</i> northwestern San Diego pocket mouse	G5T3T4 S3S4	None None	CDFW_SSC-Species of Special Concern	2,000 2,000	101 S:1	1	0	0	0	0	0	0	1	0	1	0	0
<i>Chorizanthe parryi</i> var. <i>parryi</i> Parry's spineflower	G3T2 S2	None None	Rare Plant Rank - 1B.1 BLM_S-Sensitive SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden USFS_S-Sensitive	1,550 2,400	150 S:16	0	4	0	1	4	7	10	6	12	0	4	0
<i>Chorizanthe polygonoides</i> var. <i>longispina</i> long-spined spineflower	G5T3 S3	None None	Rare Plant Rank - 1B.2 BLM_S-Sensitive SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_CRES-San Diego Zoo CRES Native Gene Seed Bank	1,415 2,300	166 S:3	0	1	0	0	0	2	1	2	3	0	0	0
<i>Circus hudsonius</i> northern harrier	G5 S3	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	1,498 1,498	54 S:1	0	1	0	0	0	0	0	1	1	0	0	0
<i>Coleonyx variegatus abbotti</i> San Diego banded gecko	G5T5 S1S2	None None	CDFW_SSC-Species of Special Concern	1,800 2,000	8 S:2	0	0	0	0	0	2	2	0	2	0	0	0
<i>Crotalus ruber</i> red-diamond rattlesnake	G4 S3	None None	CDFW_SSC-Species of Special Concern USFS_S-Sensitive	1,499 2,200	192 S:4	1	0	0	0	0	3	3	1	4	0	0	0
<i>Dipodomys stephensi</i> Stephens' kangaroo rat	G2 S2	Endangered Threatened	IUCN_EN-Endangered	1,460 2,200	227 S:13	3	1	4	1	2	2	12	1	11	1	1	1
<i>Elanus leucurus</i> white-tailed kite	G5 S3S4	None None	BLM_S-Sensitive CDFW_FP-Fully Protected IUCN_LC-Least Concern	1,476 1,501	180 S:2	0	0	2	0	0	0	0	2	2	0	0	0
<i>Eremophila alpestris actia</i> California horned lark	G5T4Q S4	None None	CDFW_ML-Watch List IUCN_LC-Least Concern	1,480 1,480	94 S:1	0	0	0	0	0	1	0	1	1	0	0	0
<i>Euphydryas editha quino</i> quino checkerspot butterfly	G5T1T2 S1S2	Endangered None		1,600 1,600	150 S:1	0	0	0	0	0	1	1	0	1	0	0	0



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Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence		
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.
<i>Lanius ludovicianus</i> loggerhead shrike	G4 S4	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern USFWS_BCC-Birds of Conservation Concern	1,473 1,503	110 S:5	0	4	1	0	0	0	0	0	5	0	0
<i>Lasius xanthinus</i> western yellow bat	G4G5 S3	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern WBWG_H-High Priority	1,660 1,660	58 S:1	0	0	0	0	0	1	0	0	1	0	0
<i>Lasthenia glabrata ssp. coulteri</i> Coulter's goldfields	G4T2 S2	None None	Rare Plant Rank - 1B.1 BLM_S-Sensitive SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_SBBG-Santa Barbara Botanic Garden	1,475 1,500	111 S:4	1	0	1	0	0	2	2	4	0	0	0
<i>Lepidium virginicum var. robinsonii</i> Robinson's pepper-grass	G5T3 S3	None None	Rare Plant Rank - 4.3	1,125 2,190	142 S:5	0	0	0	0	0	5	0	5	0	0	0
<i>Lepus californicus bennettii</i> San Diego black-tailed jackrabbit	G5T3T4 S3S4	None None	CDFW_SSC-Species of Special Concern	1,484 1,860	103 S:7	1	5	0	0	0	1	1	6	7	0	0
<i>Myosurus minimus ssp. apus</i> little mouse-tail	G5T2Q S2	None None	Rare Plant Rank - 3.1 SB_CRES-San Diego Zoo_CRES Native Gene Seed Bank	1,450 1,500	24 S:3	0	2	0	1	0	0	3	0	3	0	0
<i>Navarretia fossalis</i> spreading havarretia	G2 S2	Threatened None	Rare Plant Rank - 1B.1 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_CRES-San Diego Zoo_CRES Native Gene Seed Bank	1,490 1,510	78 S:5	1	1	1	1	0	1	0	5	5	0	0



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Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks							Population Status		Presence		
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.	
Orcuttia californica California Orcutt grass	G1 S1	Endangered Endangered	Rare Plant Rank - 1B.1 SB_CalIBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_CRES-San Diego Zoo CRES Native Gene Seed Bank	1,495 1,495	39 S:1	0	1	0	0	0	0	0	0	0	1	0	0
Perognathus longimembris brevinus Los Angeles pocket mouse	G5T2 S1S2	None None	CDFW_SSC-Species of Special Concern	2,150 2,200	70 S:2	0	1	0	0	0	1	2	0	0	2	0	0
Phrynosoma blainvillii coast horned lizard	G3G4 S3S4	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	1,470 2,200	784 S:7	0	0	1	0	0	6	5	2	0	7	0	0
Poliopitila californica californica coastal California gnatcatcher	G4G5T3Q S2	Threatened None	CDFW_SSC-Species of Special Concern NABCI_YWL-Yellow Watch List	750 2,000	1087 S:12	1	6	1	0	0	4	10	2	0	12	0	0
Socalchemmis icenoglei Icenogle's socialchemmis spider	G1 S1	None None		1,470 1,500	2 S:2	0	0	0	0	0	2	2	0	0	2	0	0
Southern Coast Live Oak Riparian Forest Southern Coast Live Oak Riparian Forest	G4 S4	None None		1,900 1,900	246 S:1	0	0	0	0	1	0	1	0	0	0	0	1
Southern Cottonwood Willow Riparian Forest Southern Cottonwood Willow Riparian Forest	G3 S3.2	None None		1,550 1,550	111 S:1	0	0	0	0	0	1	1	0	0	1	0	0
Spea hammondi western spadefoot	G2G3 S3	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_NT-Near Threatened	1,450 2,150	1422 S:12	0	1	2	1	1	7	5	7	11	1	0	0
Streptocephalus woottoni Riverside fairy shrimp	G1G2 S1S2	Endangered None	IUCN_EN-Endangered	1,550 1,550	83 S:1	0	0	0	0	1	0	0	1	0	0	0	1



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Query Criteria: Quad> IS (Sunnymead (3311782))

Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence		
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.
<i>Accipiter cooperii</i> Cooper's hawk	G5 S4	None None	CDFW_WL-Watch List IUCN_LC-Least Concern	1,680 1,680	118 S:1	0	1	0	0	0	0	0	1	0	0	0
<i>Agelaius tricolor</i> tricolored blackbird	G1G2 S1S2	None Threatened	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_EN-Endangered NABCI_RWL-Red Watch List USFWS_BCC-Birds of Conservation Concern	1,492 1,675	955 S:2	0	0	0	0	0	2				2	0
<i>Aimophila ruficeps canescens</i> southern California rufous-crowned sparrow	G5T3 S3	None None	CDFW_WL-Watch List	1,769 2,120	235 S:3	0	1	0	0	0	2				3	0
<i>Anniella stebbinsi</i> Southern California legless lizard	G3 S3	None None	CDFW_SSC-Species of Special Concern USFS_S-Sensitive	1,864 2,510	426 S:4	0	2	1	0	0	1				4	0
<i>Artemisiospiza belli belli</i> Bell's sage sparrow	G5T2T3 S3	None None	CDFW_WL-Watch List USFWS_BCC-Birds of Conservation Concern	2,120 2,120	61 S:1	0	0	0	0	0	1				1	0
<i>Aspidoscelis hyperythra</i> orange-throated whiptail	G5 S2S3	None None	CDFW_WL-Watch List IUCN_LC-Least Concern USFS_S-Sensitive	1,650 2,244	369 S:6	0	1	0	0	0	5				6	0
<i>Aspidoscelis tigris stejnegeri</i> coastal whiptail	G5T5 S3	None None	CDFW_SSC-Species of Special Concern	1,783 2,418	148 S:3	0	1	2	0	0	0				3	0
<i>Athene cunicularia</i> burrowing owl	G4 S3	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern USFWS_BCC-Birds of Conservation Concern	1,530 1,700	2011 S:2	0	1	0	0	0	1				2	0
<i>Buteo regalis</i> ferruginous hawk	G4 S3S4	None None	CDFW_WL-Watch List IUCN_LC-Least Concern USFWS_BCC-Birds of Conservation Concern	1,936 1,936	107 S:1	0	0	0	1	0	0				1	0



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Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence	
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.
<i>Centromadia pungens ssp. laevis</i> smooth tarplant	G3G4T2 S2	None None	Rare Plant Rank - 1B.1 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	1,520 1,520	126 S:1	0	0	0	0	0	1	1	0	0	0
<i>Chaetodipus fallax fallax</i> northwestern San Diego pocket mouse	G5T3T4 S3S4	None None	CDFW_SSC-Species of Special Concern	1,482 2,100	101 S:6	0	2	1	0	0	3	2	4	6	0
<i>Chorizanthe parryi var. parryi</i> Parry's spineflower	G3T2 S2	None None	Rare Plant Rank - 1B.1 BLM_S-Sensitive SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden USFS_S-Sensitive	2,500 2,500	150 S:1	0	0	0	0	0	1	1	0	1	0
<i>Coccyzus americanus occidentalis</i> western yellow-billed cuckoo	G5T2T3 S1	Threatened Endangered	BLM_S-Sensitive NABCI_RWL-Red Watch List USFS_S-Sensitive USFWS_BCC-Birds of Conservation Concern	1,690 1,690	165 S:1	0	1	0	0	0	0	1	0	1	0
<i>Crotalus ruber</i> red-diamond rattlesnake	G4 S3	None None	CDFW_SSC-Species of Special Concern USFS_S-Sensitive	1,600 1,600	192 S:1	0	0	0	0	0	1	1	0	1	0
<i>Dipodomys merriami parvus</i> San Bernardino kangaroo rat	G5T1 S1	Endangered Candidate Endangered	CDFW_SSC-Species of Special Concern	1,270 1,815	81 S:3	0	0	0	0	0	3	3	0	3	0
<i>Dipodomys stephensi</i> Stephens' kangaroo rat	G2 S2	Endangered Threatened	IUCN_EN-Endangered	1,560 2,500	227 S:8	0	2	4	2	0	0	8	0	8	0
<i>Emys marmorata</i> western pond turtle	G3G4 S3	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_VU-Vulnerable USFS_S-Sensitive	1,716 1,716	1398 S:1	0	1	0	0	0	0	0	1	1	0
<i>Eumops perotis californicus</i> western mastiff bat	G4G5T4 S3S4	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern WBWG_H-High Priority	296 S:1	296 S:1	0	0	0	0	0	1	1	0	1	0
<i>Icteria virens</i> yellow-breasted chat	G5 S3	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	1,690 1,690	100 S:1	0	1	0	0	0	0	1	0	1	0



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Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks							Population Status		Presence	
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.
<i>Lastiurus xanthinus</i> western yellow bat	G4G5 S3	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern WBWG_H-High Priority	1,500 1,650	58 S:2	0	0	0	0	0	0	2	0	2	0	0
<i>Lasthenia glabrata ssp. coulteri</i> Coulter's goldfields	G4T2 S2	None None	Rare Plant Rank - 1B.1 BLM_S-Sensitive SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_SBBG-Santa Barbara Botanic Garden	1,450 1,450	111 S:1	0	0	0	0	0	1	0	1	1	0	0
<i>Lepidium virginicum var. robinsonii</i> Robinson's pepper-grass	G5T3 S3	None None	Rare Plant Rank - 4.3	1,800 1,800	142 S:1	0	0	0	0	0	1	1	0	1	0	0
<i>Lepus californicus bennettii</i> San Diego black-tailed jackrabbit	G5T3T4 S3S4	None None	CDFW_SSC-Species of Special Concern	2,310 2,745	103 S:6	0	0	6	0	0	0	0	6	0	0	0
<i>Perognathus longimembris brevinasus</i> Los Angeles pocket mouse	G5T2 S1S2	None None	CDFW_SSC-Species of Special Concern	1,300 1,650	70 S:5	0	1	3	0	0	1	4	1	5	0	0
<i>Phrynosoma blainvillii</i> coast horned lizard	G3G4 S3S4	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	1,600 2,400	784 S:2	0	0	0	0	0	2	2	0	2	0	0
<i>Poliophtila californica californica</i> coastal California gnatcatcher	G4G5T3Q S2	Threatened None	CDFW_SSC-Species of Special Concern NABCI_YWL-Yellow Watch List	1,600 2,180	1087 S:4	0	0	0	0	0	4	2	2	4	0	0
<i>Salvadora hexalepis virgulata</i> coast patch-nosed snake	G5T4 S2S3	None None	CDFW_SSC-Species of Special Concern	1,672 1,672	34 S:1	0	0	0	0	0	1	0	1	1	0	0
<i>Southern Sycamore Alder Riparian Woodland</i> Southern Sycamore Alder Riparian Woodland	G4 S4	None None		1,920 2,200	230 S:2	0	0	0	0	0	2	2	0	2	0	0
<i>Spea hammondi</i> western spadefoot	G2G3 S3	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_NT-Near Threatened	1,510 2,050	1422 S:5	0	2	2	0	0	1	1	4	5	0	0



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Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks							Population Status		Presence		
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.	
<i>Spinus lawrencei</i> Lawrence's goldfinch	G3G4 S4	None None	IUCN_LC-Least Concern NABCI_YWL-Yellow Watch List USFWS_BCC-Birds of Conservation Concern	1,690 1,690	4 S:1	0	1	0	0	0	0	0	1	0	0	0	0
<i>Symphytotrichum defoliatum</i> San Bernardino aster	G2 S2	None None	Rare Plant Rank - 1B.2 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_CRES-San Diego Zoo_CRES Native Gene Seed Bank USFS_S-Sensitive	2,000 2,000	102 S:1	0	0	0	0	0	0	1	0	0	0	0	0
<i>Taxidea taxus</i> American badger	G5 S3	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	1,600 1,600	594 S:1	0	0	0	0	0	0	1	0	0	0	0	0
<i>Vireo bellii pusillus</i> least Bell's vireo	G5T2 S2	Endangered Endangered	IUCN_NT-Near Threatened NABCI_YWL-Yellow Watch List	1,460 2,020	503 S:5	0	0	3	0	0	0	2	1	4	5	0	0

Appendix C

Regulatory Background

REGULATORY BACKGROUND

Special status species are native species that have been afforded special legal or management protection because of concern for their continued existence. There are several categories of protection at both federal and State levels, depending on the magnitude of the threat to continued existence and existing knowledge of population levels.

CEQA GUIDELINES SECTION 15380

Although threatened and endangered species are protected by specific federal and state statutes, CEQA Guidelines Section 15380(b) provides that a species not listed on the federal or state list of protected species may be considered rare or endangered if the species can be shown to meet certain specified criteria. These criteria have been modeled after the definition in FESA and the section of the California Fish and Game Code dealing with rare or endangered plants or animals. This section was included in CEQA primarily to deal with situations in which a public agency is reviewing a project that may have a significant effect on, for example, a candidate species that has not been listed by either USFWS or CDFW. Thus, CEQA provides an agency with the ability to protect a species from the potential impacts of a project until the respective government agencies have an opportunity to designate the species as protected if warranted. CEQA also calls for the protection of other locally or regionally significant resources, including natural communities. Although natural communities do not at present have legal protection of any kind, CEQA calls for an assessment of whether any such resources would be affected and requires findings of significance if there would be substantial losses. Natural communities listed by CNDDDB as sensitive are considered by CDFW to be significant resources and fall under the CEQA Guidelines for addressing impacts. Local planning documents such as general plans often identify these resources as well.

FEDERAL ENDANGERED SPECIES ACT

The U.S. Fish and Wildlife Service (USFWS) administers the federal Endangered Species Act (FESA) that provides a process for listing species as either threatened or endangered and the methods of protecting listed species. The FESA defines as “endangered” any plant or animal species that is in danger of extinction throughout all or a significant portion of its range. A “threatened” species is a species that is likely to become endangered in the near future. A

“proposed” species is one that has been officially proposed by USFWS in addition to the federal threatened and endangered species list.

Section 9 of the FESA prohibits “take” of threatened or endangered species. The term “take” means to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in such conduct. The presence of any federally threatened or endangered species that are in a project area generally imposes severe constraints on development, particularly if the development would result in “take” of the species or its habitat. Under the regulations of the FESA, the USFWS may authorize “take” when it is incidental to, but not the purpose of, an otherwise lawful act.

CALIFORNIA ENDANGERED SPECIES ACT

The CDFW administers the California Endangered Species Act (CESA). The State of California considers an endangered species as one whose prospects of survival and reproduction are in immediate jeopardy. A threatened species is considered as one present in such small numbers throughout its range that it is likely to become an endangered species in the near future in the absence of special protection or management. A rare species is one that is considered present in such small numbers throughout its range that it may become endangered if its present environment worsens. State threatened and endangered species are fully protected against taking, as defined above.

SECTION 3503 AND 3511 OF CALIFORNIA FISH AND WILDLIFE CODE

The CDFW administers the California Fish and Wildlife Code. There are particular sections of the Code that are applicable to natural resource management. For example, section 3503 of the Code states it is unlawful to take, possess, or needlessly destroy the nest or eggs of any bird. Section 3511 of the Code lists fully protected bird species, where the CDFW is unable to authorize the issuance of permits or licenses to take these species.

CALIFORNIA NATIVE PLANT PROTECTION ACT

The California Native Plant Protection Act (CNPPA) of 1977 (Fish and Wildlife Code Sections 1900–1913) is intended to preserve, protect, and enhance endangered or rare native plants in California and gives the CDFW authority to designate state endangered, threatened, and rare plants

and provides specific protection measures for identified populations. The Act also directs the California Fish and Game Commission to adopt regulations governing taking, possessing, propagation, and sale of any endangered or rare native plant.

Vascular plants listed as rare or endangered by the California Native Plant Society (2011), but which have no designated status or protection under federal or state endangered species legislation, are defined as follows:

- Rank 1A: Plants Believed Extinct.
- Rank 1B: Plants Rare, Threatened, or Endangered in California and elsewhere.
- Rank 2: Plants Rare, Threatened, or Endangered in California, but more numerous elsewhere.
- Rank 3: Plants About Which More Information is Needed - A Review List.
- Rank 4: Plants of Limited Distribution - A Watch List.

NATURAL COMMUNITY CONSERVATION PLANNING PROGRAM

The Natural Community Conservation Program (NCCP) Act, Sections 2800-2840 of the state Fish and Game Code, authorized the preparation of NCCPs to protect natural communities and species while allowing a reasonable amount of economic development. The MSHCP, adopted by the County of Riverside on June 17, 2003, serves as a Habitat Conservation Plan (HCP) pursuant to the NCCP Act and pursuant to Section 10 (a)(1)(B) of the FESA.