

# Initial Study Biological Assessment

---

**Original ISBA report date:** November 6, 2023

**Revision report date:**

**Case number:** PL23-0094

**Permit type:** CUP Modification (LU04-0145, PL15-0126)

**Applicant:** C&M Topsoil, Inc.

**Planning Division case planner:**

**Total parcel(s) size (acres):** 51.85

**Assessor Parcel Number(s):** 620-0-320-165

**Development proposal description:**

The applicant proposes to expand the CUP boundary and modify facility operations.

### Prepared for Ventura County Planning Division by:

As an approved and contracted biologist with the Ventura County Planning Division, I hereby certify that this Initial Study Biological Assessment was prepared according to the Planning Division's requirements and that the statements furnished in the report and associated maps are true and correct to the best of my knowledge.

<b>Approved Biologist (signature):</b>		<b>Date:</b>
		November 6, 2023
Name (printed): Matt Ingamells	Title: Senior Biologist	Company: Padre Associates
Phone: 805/644-2220 ext. 413	email: mingamells@padreinc.com	
<b>Other Biologist (signature):</b>		<b>Date:</b>
Name (printed):	Title:	Company:
Phone:	email:	
Role:		

County of Ventura  
 Planning Commission Hearing  
 Case No. PL23-0094  
 Exhibit 12 - Initial Study Biological Assessment  
 (ISBA), dated November 6, 2023

# Initial Study Checklist

---

This Biological Assessment DID provide adequate information to make CEQA findings regarding potentially significant impacts.

---

Biological Resources	Project Impact Degree of Effect				Cumulative Impact Degree of Effect			
	N	LS	PS-M*	PS	N	LS	PS-M*	PS
Species	X				X			
Ecological Communities	X				X			
Habitat Connectivity	X				X			

- N: No impact
- LS: Less than significant impact
- PS-M: Potentially significant unless mitigation is incorporated.
- PS: Potentially significant

\* DO NOT check this box unless the Biological Assessment provided information adequate enough to develop mitigation measures that reduce the level of impact to less than significant.

# Contents

---

<b>Summary .....</b>	<b>4</b>
<b>Section 1: Construction Footprint Description.....</b>	<b>5</b>
<b>Section 2: Survey Information .....</b>	<b>7</b>
2.1 Survey Purpose .....	7
2.2 Survey Area Description .....	7
2.3 Methodology .....	10
<b>Section 3: The Biological Inventory .....</b>	<b>10</b>
3.1 Ecological Communities .....	10
3.2 Species.....	13
3.3 Wildlife Movement and Connectivity.....	16
<b>Section 4: Impact Assessment .....</b>	<b>17</b>
4.1 Sufficiency of Biological Data .....	17
4.2 Impacts and Mitigation .....	17
<b>Section 5: Photos .....</b>	<b>20</b>
<b>Appendix 1: Summary of Biological Resource Regulations</b>	
<b>Appendix 2: Survey Results – Species Lists</b>	
 <b>Maps</b>	
Site and Survey .....	9
Plant Communities/Species .....	12
 <b>Attachments</b>	
California Natural Diversity Data Base Listing (October 24, 2023)	

## Summary

---

The Applicant requests a modification to the CUP to allow 15 years of continued operation of the existing soil amendment and composting operations facility (American Soil) and expansion from medium-scale to a large-scale operation (maximum of 12,500 cubic yards on-site). The CUP boundary would be expanded from 5.17 to 8.88 acres, and the facility would add a green material grinder, portable scale house and portable truck scale.

No impacts to biological resources were identified.

## Section 1: Construction Footprint Description

---

*Construction Footprint Definition (per the Ventura County Planning Division): The construction footprint includes the proposed maximum limits of direct land disturbance for the project including such things as the building pad(s), roads/road improvements, grading, septic systems, wells, drainage improvements, fire hazard brush clearance area(s), storage/stockpile areas, construction staging areas, fire department turnarounds, utility trenching and other grading areas. The construction footprint on some types of projects, such as mining, oil and gas exploration or agricultural operations, may be quite different than the above.*

### Development Proposal Description

**Existing Operations.** The existing soil amendment facility (American Soil) is permitted to manage up to 1,000 cubic yards of composting organic materials consisting of clean wood chips and used horse bedding. There are two activities occurring on-site, Soil Amendment and Organics Processing. The Soil Amendment activity includes importation and mixing of soil and soil amendments, loading on trucks, and delivery offsite. The Organics Processing activity includes importation of used horse stall bedding (96% wood shavings and 4% horse manure; comprising less than 1,000 cubic yards) for producing soil amendment. Virgin wood chips are also imported as a soil amendment component. Currently, no processing (chipping and grinding) occurs on-site; merely blending with other amendment products. A small vermiculture operation (approximately 33 cubic yards) was part of the Organics Processing activity. Currently permitted equipment includes a diesel-powered blending machine, two front-end loaders, four trucks to transport product, and two forklifts to move product around the facility.

**Proposed Operations.** The Applicant requests a CUP for a period of 15 years to allow continued operation of the existing soil amendment and composting operations facility and expansion from medium-scale to a large-scale operation. The proposed operation will increase the amount of allowed material on-site to a maximum of 12,500 cubic yards for green material transfer/processing facilities in accordance with State (Calrecycle) limits. The CUP boundary will be expanded from 5.17 to 8.88 acres. The facility would add the following uses and equipment:

- Chipping & grinding for green material only (tree trimming, not residential curbside).
- Portable scale house shipping container (8' x 20').
- Portable truck scale (10' x 70').

On-site staffing would increase from three to nine to accommodate the proposed chipping and grinding operations and to process and ship the proposed increased green material on-site.

The facility's current hours of operation are Monday through Friday, 7:00 am to 4:00 pm, and Saturday, 7:00 am to 12:00 pm. The facility is closed on Sundays. No changes in operating hours is requested.

Other existing activities onsite which do not require a land use permit in the AE zone include the following.

- 2,000 square feet of open storage which includes 3 storage containers (exempt under Non-Coastal Zoning Ordinance [NCZO] Section 8107-1.6.5).
- One small skiploader and one tractor for fire and road maintenance (exempt under NCZO Section 8107-1.6.5(b)) (to be removed following CUP approval).

- Animal Husbandry: 12 goats (unlimited amount of animal husbandry/keeping units allowed on AE land greater than 10 acres per NCZO Section 8107-2.5.2) (to be removed following CUP approval).
- Two storage containers (exempt under NCZO Section 8107-1.6.5) (to be removed following CUP approval).

### **Construction Footprint Size**

The proposed modified CUP area (8.88 acres) is considered the construction footprint for the purposes of this ISBA. Grading would be limited to minor leveling of existing disturbed areas. Proposed construction activities are limited to removal of existing storage shipping containers and structures, relocating green material processing activities and adding a new grinder with tipping area, new truck scale and scale-house. These activities would be limited to the existing CUP area and adjacent disturbed areas. Fire hazard fuel reduction would not extend beyond the proposed CUP boundary.

### **Project Design for Impact Avoidance or Minimization**

The proposed facilities and operations would be located within the existing facility or in previously disturbed areas to avoid loss of native vegetation. In addition, a heritage valley oak tree (tree no. 7) located within the existing facility would be provided with protective fencing.

### **Overlay Zones**

Habitat Connectivity and Wildlife Corridors.

### **Zoning**

AE-40 ac.

### **Elevation**

Elevation across the parcel ranges from approximately 1,600 feet in the eastern portion to 1,330 feet in the western portion of the parcel. Elevation across the proposed CUP area ranges from approximately 1,410 feet at the eastern boundary to about 1,335 feet near the western boundary (Tapo Canyon Road).

## Section 2: Survey Information

---

### 2.1 Survey Purpose

The purpose of this Initial Study Biological Assessment (ISBA) is to gather enough information about the biological resources associated with the proposed project, and their potential to be impacted by the project, to make a CEQA (California Environmental Quality Act) Initial Study significance finding for biological resources. In general, ISBA's are intended to:

- Provide an inventory of the biological resources on a project site and the values of those resources.
- Determine if a proposed project has the potential to impact any significant biological resources.
- Recommend project redesign to avoid, minimize or reduce impacts to significant biological resources.
- Recommend additional studies necessary to adequately assess potential impacts and/or to develop adequate mitigation measures.
- Develop mitigation measures, when necessary, in cases where adequate information is available.

### 2.2 Survey Area Description

*Survey Area Definition (per the Ventura County Planning Division): The physical area a biologist evaluates as part of a biological assessment. This includes all areas that could potentially be subject to direct or indirect impacts from the project, including, but not limited to: the construction footprint; areas that would be subject to noise, light, dust or runoff generated by the project; any required buffer areas (e.g., buffers surrounding wetland habitat). The construction footprint plus a 100-foot buffer—beyond the required fire hazard brush clearance boundary—(or 20-foot from the cut/fill boundary or road fire hazard brush clearance boundary – whichever is greater) is generally the minimum size of a survey area. Required off-site improvements—such as roads or fire hazard brush clearance—are included in the survey area. Survey areas can extend off the project's parcel(s) because indirect impacts may cross property lines. The extent of the survey area shall be determined by the biologist in consultation with the lead agency.*

#### **Survey Area 1 (SA1)**

The 14.0-acre Survey Area encompassed the proposed 8.88-acre CUP area and a minimum 100-foot buffer outside the proposed CUP area.

#### ***Location***

The Survey Area is located in Gillibrand Canyon, immediately east of Tapo Canyon Road and approximately 2.6 miles north of the Tapo Canyon Road/State Route 118 interchange.

#### ***Survey Area Boundaries***

The Survey Area boundaries encompassed the entire proposed 8.88 acre CUP area including a minimum 100-foot buffer.

### **Survey Area Environmental Setting**

The Survey Area has not been recently affected by wildfire. The Survey Area consists of the existing American Soil facility and adjacent areas, which is located in a nearly level canyon bottom just east of the Gillibrand Canyon drainage. The Survey Area mostly supports ruderal areas associated with frequent disturbance.

### **Surrounding Area Environmental Setting**

Surrounding areas, including much of the affected parcel (APN 620-0-320-165) supports mostly purple sage scrub, with patches of annual grassland and oak woodland. The Gillibrand Canyon drainage is located immediately west of Tapo Canyon Road from the existing facility. This drainage supports riparian woodland dominated by arroyo willow (*Salix lasiolepis*) and red willow (*Salix laevigata*). Sand and gravel mines (Gillibrand, Tapo Sand and Rock) are located approximately 0.6 miles to the north.

### **Cover**

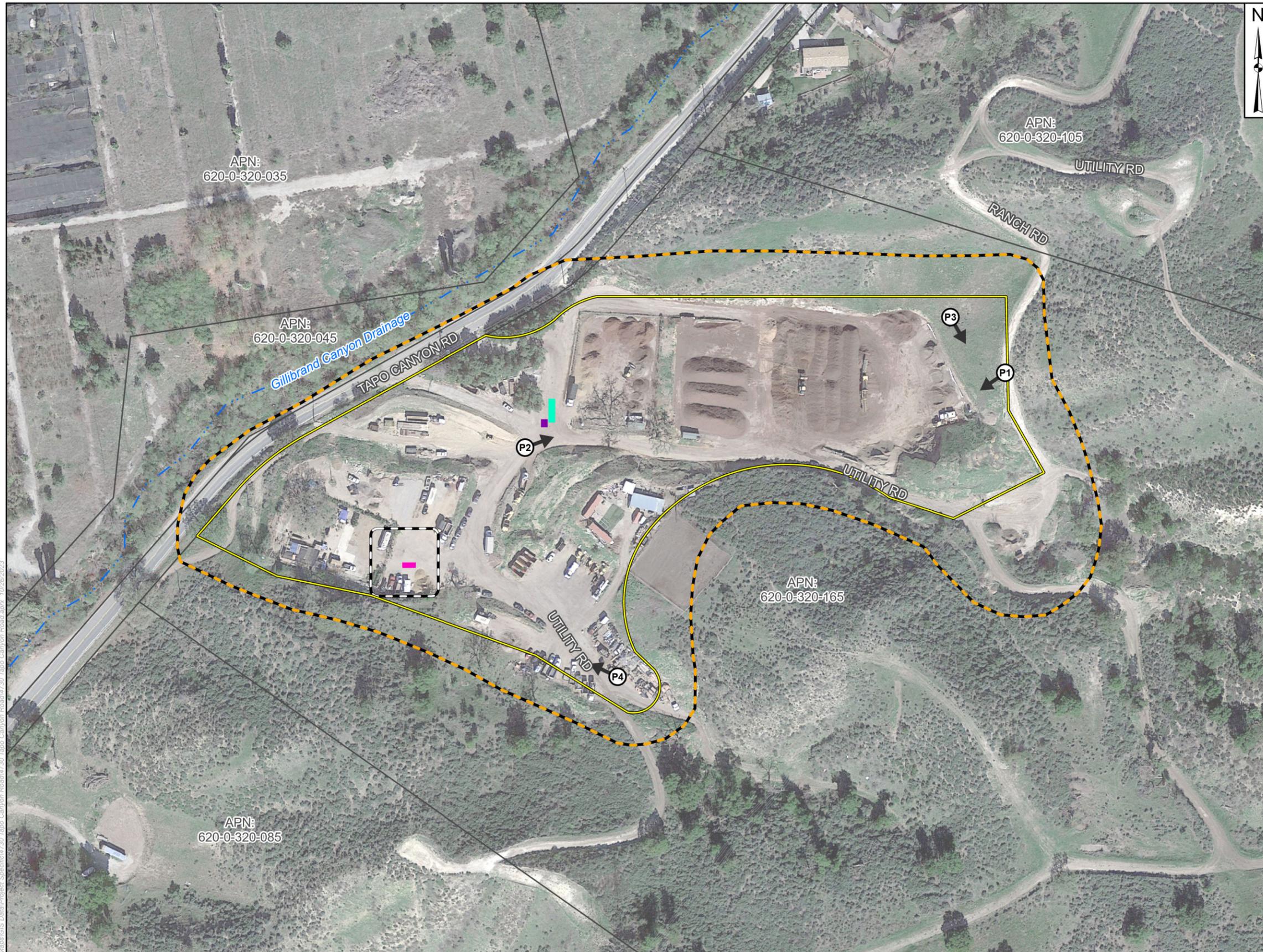
7% native vegetation

37% non-native vegetation

0% agriculture/grazing

56% bare ground/cleared/graded/unpaved roads

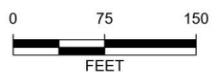
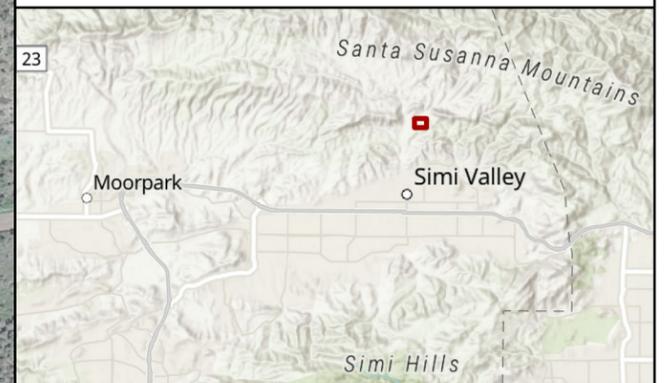
<1% buildings, paved roads and other impervious cover



**LEGEND:**

- Proposed CUP Boundary
- Proposed Grinder
- Grinder Machine Path (100' X 100')
- Proposed Scale
- Proposed Scale House (Portable Container)
- Parcel Boundary
- Survey Area Boundary (SA1)
- ➔ Photo Location

**MAP EXTENT:**



Source: Google Earth Imagery February 2022, Jensen Design  
 Coordinate System: NAD 1983 StatePlane California V FIPS 0405 Feet  
 Notes: This map was created for informational and display purposes only.



PROJECT NAME: 4730 TAPO CANYON ROAD, SIMI VALLEY VENTURA COUNTY, CA	
PROJECT NUMBER: 2302-4101	DATE: October 2023

**SITE AND SURVEY MAP**

FIGURE  
**1**

Z:\GIS\Projects\GIS Maps\GIS Data\Project\Spec\4730 TaPo Canyon Road\4730 TaPo Canyon Road.aprx - 10/26/2023

## 2.3 Methodology

### References

- California Department of Fish and Wildlife, BIOS6 (accessed October 20, 2023). BIOS is an internet-based biological data map server.
- California Department of Fish and Wildlife, RAREFIND (accessed October 20, 2023).
- A Manual of California Vegetation (Sawyer, J.O., T. Keeler-Wolf and J.M. Evens, 2009).
- California Department of Fish and Game, Vegetation Classification and Mapping Program, List of California Vegetation Alliances, September 2010.
- CNPS Inventory of Rare and Endangered Plants database (accessed October 20, 2023).
- Critical habitat mapper, U.S. Fish & Wildlife Service (accessed October 20, 2023).
- Initial Study prepared by Rincon Consultants for LU04-0145 dated August 15, 2005.
- South Coast Missing Linkages Project: A Linkage Design for the Santa Monica-Sierra Madre Connection (Penrod K., C. Cabanero, P. Beier, C. Luke, W. Spencer, E. Rubin, R. Sauvajot, S. Riley and D. Kamradt, 2006).

Survey Date & Details							
Survey Key (1)	Survey Date (2)	Survey Area Map Key(s) (3)	Survey Type (4)	Time Period (5)	Methods/Constraints (6)	GPS (7)	Surveyors
SD1	10/23/23	SA1	ISBA	720-915 am	Walked through all habitat areas, inventoried plants and wildlife, mapped vegetation and oak trees		Matt Ingamells
Recon .....Reconnaissance ISBA .....Initial Study Biological Assessment Botanical.....Botanical Survey							

## Section 3: The Biological Inventory

---

*See Appendix One for an overview of the types of biological resources that are protected in Ventura County.*

### 3.1 Ecological Communities: Plant Communities, Physical Features and Wetlands

#### Background Research

Each of the references listed in Section 2.3 were consulted to identify biological resources of concern.

## Plant Communities

Locally important or rare plant communities were found within the Survey Area.

### Major Plant Communities Summary

The following is a description of each major plant community, based on the vegetation classification of A Manual of California Vegetation (Sawyer at al., 2009).

**Upland Mustards or Star-thistle Fields.** This classification is used to describe previously disturbed areas dominated by mustards (*Hirschfeldia incana*, *Brassica nigra*), tocalote (*Centaurea melitensis*) and red brome (*Bromus rubens*).

**Pepper Tree or Myoporum Groves.** This classification is used to describe Peruvian pepper trees (*Schinus molle*) planted along the entrance driveway.

**Purple Sage Scrub: *Artemisia californica*-*Salvia leucophylla* Shrubland Alliance.** This community occurs on most of the undisturbed areas on the parcel, including immediately south and east of the existing facility and proposed CUP area. Dominant species are purple sage (*Salvia leucophylla*) and California sagebrush (*Artemisia californica*).

**Mixed Oak Woodland: *Quercus (agrifolia, douglasii, garryana, kelloggii, lobata, wizlizeni)* Forest & Woodland Alliance.** This community occurs in the Survey Area, to the east of the proposed CUP area. Dominant species are coast live oak (*Quercus agrifolia*) and valley oak (*Quercus lobata*).

**Developed.** This term is used to describe areas supporting roads, facilities, storage areas and routinely disturbed areas, which are unvegetated or support only scattered weedy plant species.

### Physical Features

No potentially important physical features were found within the Survey Area.

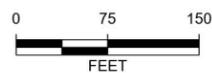
Plant Communities							
Map Key (1)	Association	Misc. (2)	Status (3)	Condition (4)	Acres in the Survey Area	Acres Impacted	Comments (5)
PC1	Upland Mustards or Star-thistle Fields		NA	Good	4.9	0.0	
PC2	Pepper Tree or Myoporum Groves		NA	Good	0.3	0.0	
PC3	Purple Sage Scrub		S5/G5	Good	0.9	0.0	
PC4	Mixed Oak Woodland		S4/G4 Cal OWA	Good	0.1	0.0	
PC5	Developed areas (roads, existing facilities)		NA	NA	7.8	NA	
LIC..... Locally Important Plant Community ESHA..... Environmentally Sensitive Habitat Areas (Coastal Zone) NatureServe Status: G3/S3 Vulnerable G4/S4 Apparently Secure G5 Secure Cal OWA Protected by the California Oak Woodlands Act							



**LEGEND:**

- Protected Trees
- SSO3 - Nuttall's Woodpecker (vocalization)
- Proposed CUP Boundary
- Proposed Grinder
- Grinder Machine Path (100' X 100')
- Proposed Scale
- Proposed Scale House (Portable Container)
- Parcel Boundary
- Survey Area Boundary (SA1)
- Plant Communities**
  - PC1 - Upland Mustards
  - PC2 - Pepper Tree Groves
  - PC3 - Purple Sage Scrub
  - PC4 - Mixed Oak Woodland
  - PC5 - Developed (roads, facilities)

**MAP EXTENT:**



Source: Google Earth Imagery February 2022, Jensen Design  
 Coordinate System: NAD 1983 StatePlane California V FIPS 0405 Feet  
 Notes: This map was created for informational and display purposes only.



PROJECT NAME:  
 4730 TAPO CANYON ROAD, SIMI VALLEY  
 VENTURA COUNTY, CA  
 PROJECT NUMBER:  
 2302-4101  
 DATE:  
 October 2023

**PLANT COMMUNITIES  
 AND SPECIES MAP**

FIGURE  
 2

## **Waters and Wetlands**

*See Appendix One for an overview of the local, state and federal regulations protecting waters, wetlands and riparian habitats. Wetlands are complex systems; delineating their specific boundaries, functions and values generally takes a level of effort beyond the scope of an Initial Study Biological Assessment (ISBA). The goal of the ISBA with regard to waters and wetlands is simply to identify whether they may exist or not and to determine the potential for impacts to them from the proposed project. This much information can be adequate for designing projects to avoid impacts to waters and wetlands. Additional studies are generally warranted to delineate specific wetland boundaries and to develop recommendations for impact minimization or impact mitigation measures.*

---

Protected wetlands or waters were not found within the survey area(s).

---

### **Waters and Wetlands Summary**

For the purposes of this ISBA, wetlands are defined as areas that support a prevalence of vegetative or aquatic life that requires saturated or seasonally saturated soil conditions (see Ventura County 2040 General Plan). The Gillibrand Canyon drainage is located approximately 100 feet west of the proposed CUP area and existing facility. The National Wetlands Inventory indicates this drainage supports wetlands. However, there are no waters or wetlands on the parcel or within the proposed CUP area.

### **Water/Wetland Buffers**

General Plan Policy COS-1.11 requires a minimum 100-foot buffer from wetland habitats but allows adjustment of the buffer upon evaluation by a qualified biologist. There are no new facilities or activities proposed within 100 feet of the Gillibrand Canyon drainage.

## **3.2 Species**

### **Observed Species**

A total of 66 vascular plant species were identified during the botanical survey conducted on October 23, 2023, within the Survey Area (see Appendix 2-A). Thirty (45 percent) of these species are native to California, while 36 of these species (55 percent) are non-native species. The large number of non-native plant species reflects the disturbance history of the Survey Area. The California Invasive Plant Council has developed an Invasive Plant Inventory which rates weedy non-native plant species based on their potential to have severe ecological effects (high, moderate, limited). Twenty-two of the 66 plant species found at the project site (33 percent) are listed as invasive. One species rated as “high” for invasiveness was found within the project site; red brome. In addition, ten plant species rated as “moderate” and 11 species rated as “limited” for invasiveness were found within the project site. These plant species are identified in Appendix 2-A. Excluding protected trees, special-status plant species were not observed within the Survey Area.

A total of 24 vertebrate animal species were observed within the Survey Area (see Appendix 2-B), including one reptile species, 17 bird species and six mammal species. Most of these species appeared to be foraging in woodland areas near the Gillibrand Canyon drainage. One special-status wildlife species (Nuttall’s woodpecker) was observed within the Survey Area.

## Protected Trees

Eleven oak trees protected under the County's Non-Coastal Zoning Ordinance Tree Protection Regulations occur within the Survey Area. Impacts to protected oak trees are listed below. No protected oak trees, including heritage trees would be removed. The location of these protected trees is provided on the Plant Community Map and Species Map.

Protected Trees					
Tree no.	Species	Common Name	Number of Trunks	Girth (inches)*	Impact
1	<i>Quercus lobata</i>	Valley oak	1	113 (heritage tree)	None, no change in operations in protected zone
2	<i>Quercus lobata</i>	Valley oak	1	141 (heritage tree)	None, no change in operations in protected zone
3	<i>Quercus lobata</i>	Valley oak	1	53	None, no change in operations in protected zone
4	<i>Quercus lobata</i>	Valley oak	1	126 (heritage tree)	None, proposed grinder operations outside the protected zone
5	<i>Quercus agrifolia</i>	Coast live oak	4	41	None, proposed grinder operations outside the protected zone
6	<i>Quercus agrifolia</i>	Coast live oak	3	31	None, proposed grinder operations outside the protected zone
7	<i>Quercus lobata</i>	Valley oak	1	138 (heritage tree)	None, proposed grinder operations outside the protected zone
8	<i>Quercus lobata</i>	Valley oak	1	132 (heritage tree)	None
9	<i>Quercus lobata</i>	Valley oak	4	144 (heritage tree)	None
10	<i>Quercus agrifolia</i>	Coast live oak	3	104 (heritage tree)	None
11	<i>Quercus agrifolia</i>	Coast live oak	1	31	None

\* Sum of the two largest trunks

## Special-Status Species and Nests

*See Appendix One for definitions of the types of special status species that have federal, state or local protection and for more information on the regulations that protect birds' nests.*

---

Special-status species were observed or have a moderate to high potential to occur within the Survey Area.

---



---

Habitat suitable for nests of birds protected under the Migratory Bird Treaty Act does exist within the Survey Area.

---

## Special-Status Species Summary

Two protected tree species (valley oak and coast live oak) were observed within the Survey Area. The Special-Status Species Table provides a summary of the potential for two other special-status plant species (SSP1 and SSP2) known from the area to occur within the Survey Area.

One special-status wildlife species (Nuttall's woodpecker) was observed within the Survey Area. The Special-Status Species Table provides a summary of the potential for five other special-status wildlife species (SSP3 through SSP7) known from the area to occur within the Survey Area.

The project site is located within designated critical habitat for the threatened coastal California gnatcatcher.

Special-Status Species						
Map Key (1)	Survey/Source (2)	Scientific Name (3)	Common Name	Species' Status (4)	Potential to Occur (5)	Habitat Requirements (6)
SSO1	SD1	<i>Quercus agrifolia</i>	Coast live oak	Protected tree	Observed	Woodlands, chaparral
SSO2	SD1	<i>Quercus lobata</i>	Valley oak	Protected tree	Observed	Woodlands, grasslands
SSO3	SD1	<i>Picoides nuttallii</i>	Nuttall's woodpecker	BCC	Observed	Woodlands
SSP1	CNDDDB	<i>Lupinus paynei</i>	Payne's bush lupine	CNPS 1B	None	Coastal scrub
SSP2	CNDDDB	<i>Calochortus plummerae</i>	Plummer's mariposa lily	CNPS 4	None	Coastal scrub, openings in chaparral
SSP3	CNDDDB	<i>Polioptila californica</i>	Coastal California gnatcatcher	FT, CSC	None	Coastal scrub
SSP4	CNDDDB	<i>Bombus crotchii</i>	Crotch's bumblebee	SC	None	Chaparral, coastal scrub
SSP5	CNDDDB	<i>Anniella sp.</i>	California legless lizard	SSC	None	Chaparral, woodlands with friable soil
SSP6	CNDDDB	<i>Athene cucicularia</i>	Burrowing owl	SSC	None	Grasslands, open scrub
SSP7	CNDDDB	<i>Vireo bellii pusillus</i>	Least Bell's vireo	SE, FE	None	Riparian scrub, adjacent uplands
Special Status Species (continued)						
Map Key	Adequate Habitat Onsite	Adequate Habitat Size (7)	Acreage Impacted	Comments (8)		
SSO1	Yes	Yes		Found within the Survey Area, none would be removed		
SSO2	Yes	Yes		Found within the Survey Area, none would be removed		
SSO3	No	No		Mostly forages off-site, no removal of suitable habitat		
SSP1	No			No suitable habitat present		
SSP2	No			No suitable habitat present		
SSP3	No			No suitable habitat present		
SSP4	No			No suitable habitat present		
SSP5	No			No suitable habitat present		
SSP6	No			No suitable habitat present		
SSP7	No			No suitable habitat present		
BCC .....Birds of Conservation Concern (USFWS) FE .....Federal Endangered FT .....Federal Threatened FC.....Federal Candidate Species						

## Special-Status Species

FSC	.....	Federal Species of Concern
SA	.....	CDFW Special Animal
SC	.....	California candidate species
SFP	.....	California Fully Protected Species
SE	.....	California Endangered
ST	.....	California Threatened
SR	.....	California Rare
SSC	.....	California Species of Special Concern
WL	.....	CDFW Watch List
CDFW/NatureServe Rank		
		G1 or S1 - Critically Imperiled Globally or Subnationally (state)
		G2 or S2 - Imperiled Globally or Subnationally (state)
		G3 or S3 - Vulnerable to extirpation or extinction Globally or Subnationally (state)
CNPS 1A	.....	California Native Plant Society listed as presumed to be extinct
CNPS 1B	.....	California Native Plant Society listed as rare or endangered in California and elsewhere
CNPS 2B	.....	California Native Plant Society listed as rare or endangered in California but more common elsewhere
CNPS 3	.....	<b>A review list only.</b> California Native Plant Society listed as in need of more information.
CNPS 4	.....	<b>A watch list only.</b> California Native Plant Society listed as of limited distribution or infrequent throughout a broader area in California; vulnerability to threat appears relatively low.
LIS	.....	Ventura County Locally Important Species

### Nesting Bird Summary

Nests of birds protected by the federal Migratory Bird Treaty Act may be present in the Survey Area, primarily within oak trees and pepper trees.

### 3.3 Wildlife Movement and Connectivity

---

Wildlife movement or connectivity features, or evidence thereof, were not found within the Survey Area.

---

#### Mapped Corridors or Linkages

The project site and Survey Area are located within a habitat connectivity and wildlife corridor as identified by the Ventura County Planning Division. However, the project site is not located within a Critical Wildlife Passage Area. The project site and Survey Area are also located within the Santa Monica-Sierra Madre Connection, one of 15 priority landscape linkages identified by the South Coast Missing Linkages Project.

The project site is located within the ~1.5-mile-wide mostly undeveloped area between residential development to the south (City of Simi Valley) and sand and gravel mines to the north. Wildlife movement occurring through this mostly undeveloped area may be focused on ridgelines and canyon bottoms/drainages, such as the Gillibrand Canyon drainage adjacent to the project site.

## Connectivity Feature

No connectivity features were observed within Survey Area SA1. There are no natural or manmade features that facilitate wildlife movement through the parcel. Due to the low density of development and presence of large areas of intact habitat surrounding the parcel and project site, there are no constraints to wildlife movement. Focused regional wildlife movement in the area may occur along the Gillibrand Canyon drainage.

## Section 4: Impact Assessment and Mitigation

---

### 4.1 Sufficiency of Biological Data

Biological data is sufficient for the purposes of the ISBA.

### 4.2 Impacts and Mitigation

Cumulative projects assessed in this section include projects listed in the Planning Division Pending Projects List and Recently Approved Projects List in the Simi Valley area.

---

#### A. Species

Project: N; Cumulative: N

---

##### Listed Species

The proposed CUP area is located within designated critical habitat for the threatened coastal California gnatcatcher. This species was reported (vocalizations) from the Marr Ranch Open Space area in 2014, approximately 0.3 miles southeast of the proposed CUP area. Suitable habitat (purple sage scrub) is located adjacent to the facility; however, none would be removed as part of the expanded CUP area. Proposed new operations (grinder, truck scale) would be located within the existing facility and not adversely affect coastal California gnatcatcher.

*Significance Finding – Project Impacts: No Impact.*

*Significance Finding – Cumulative Impacts: No Impact.*

##### Non-listed Special-Status Species

Nuttall's woodpecker is the only special-status wildlife species observed or with a high to moderate potential to occur on the project site. This species has been placed on the 2021 list of Bird Species of Conservation Concern by the U.S. Fish and Wildlife Service (USFWS), due to regional declines in coastal California. However, Nuttall's woodpecker is relatively common in Ventura County, and is consistently reported from local birding areas including Tapo Canyon and Tapo Canyon Regional Park (eBird.org). Therefore, Nuttall's woodpecker is not considered rare or endangered for the purposes of the California Environmental Quality Act (see State CEQA Guidelines Section 15380). In any case, removal of trees or suitable woodland habitat for this species is not proposed.

*Significance Finding – Project Impacts: No Impact.*

*Significance Finding – Cumulative Impacts: No Impact.*

## Protected Trees

Implementation of the project would not result in the removal of any protected trees.

*Significance Finding – Project Impacts:* No Impact.

*Significance Finding – Cumulative Impacts:* No Impact.

## Birds Protected Under the Migratory Bird Treaty Act and California Fish and Game Code

The proposed project does not involve the removal of any vegetation that may support bird nests. Proposed new operations (grinder, truck scale) would be located within the existing facility and not result in take of migratory birds protected by the Migratory Bird Treaty Act and the California Fish and Game Code.

*Significance Finding – Project Impacts:* No Impact.

*Significance Finding – Cumulative Impacts:* No Impact.

---

## B. Ecological Communities

Project: N; Cumulative: N

---

### Sensitive Plant Communities

The proposed CUP area does not support any sensitive plant communities, and none would be adversely affected by the proposed project.

*Significance Finding – Project Impacts:* No Impact.

*Significance Finding – Cumulative Impacts:* No Impact.

### Waters and Wetlands

Wetlands under the Ventura County definition do not occur within the Survey Area. All existing and proposed operations would be located at least 100 feet from potential wetlands in the Gillibrand Canyon drainage. The proposed project does not involve any increase in impervious surfaces; therefore, no increase in stormwater run-off would occur into the Gillibrand Canyon drainage. The proposed grinding area is surrounded by existing berms to prevent stormwater run-off from transporting green materials into the Gillibrand Canyon drainage. Therefore, impacts to water quality of these potential wetlands would not occur.

*Significance Finding – Project Impacts:* No Impact.

*Significance Finding – Cumulative Impacts:* No Impact.

---

## C. Wildlife Movement and Connectivity

Project: N; Cumulative: N

---

Although specific wildlife movement or connectivity features or barriers were not found within the Survey Area, the project site is located with a habitat connectivity and wildlife corridor as identified by the Ventura County Planning Division. The project site is not located within a Critical Wildlife Passage Area.

### Habitat Loss within a Wildlife Movement Corridor

Vegetation removal is not proposed, such that habitat loss would be avoided and reduction in cover and habitat for wildlife moving through the area would not occur.

### **Isolate Habitat within a Wildlife Movement Corridor**

The proposed larger CUP area has been entirely disturbed by existing soil amendment and agricultural activities. Proposed new operations (grinder, truck scale) would be located within the existing facility and not result in any loss or fragmentation of wildlife habitat.

### **Barriers to Wildlife Movement**

Existing and proposed fencing is limited to the existing low (~3.5 foot-high) open wire/post fencing around the soil amendment area (approximately 124 feet by 170 feet). This fencing is within the existing facility and is not considered wildlife impermeable based on the definition in the NCZO. In any case, this fence does not restrict wildlife movement around or through the facility. Therefore, implementation of the proposed project would not result in barriers to wildlife movement.

### **Indirect Factors that May Hinder Wildlife Movement**

The existing facility does not include exterior lighting, and none is proposed.

Domestic animals (goats) are occasionally maintained on the parcel, but would be removed as part of the proposed CUP modification. No animals that may disturb wildlife (such as unrestrained dogs or cats) would be present at the facility.

Proposed development (including increased on-site storage of green materials and additional staff) would slightly increase human presence at the project site but would be limited to daytime hours when wildlife movement is less likely to occur. In any case, wildlife are anticipated to avoid the project site due to existing and proposed mobile equipment operation.

*Significance Finding – Project Impacts: No Impact.*

*Significance Finding – Cumulative Impacts: No Impact.*

## Section 5: Photos

Photos	
<p><b>Location</b> Eastern portion of proposed CUP area</p> <p><b>Map Key</b> P1</p> <p><b>Direction</b> Southwest</p> <p><b>Description</b> View of the existing and proposed wood shavings-manure stockpile and screening area</p>	
<p><b>Location</b> Soil amendment area</p> <p><b>Map Key</b> P2</p> <p><b>Direction</b> Northeast</p> <p><b>Description</b> View of the existing and proposed soil amendment area</p>	

**Photos**

**Location**  
Northeast corner  
of proposed CUP  
area

**Map Key**  
P3

**Direction**  
East

**Description**  
View of the  
proposed CUP  
expansion area  
(northeast  
corner)



**Location**  
Southwestern  
portion of the  
CUP area

**Map Key**  
P4

**Direction**  
West-northwest

**Description**  
View of former  
storage areas  
and proposed  
grinder area  
(white arrow)



---

## Appendix One

# Summary of Biological Resource Regulations

---

The Ventura County Planning Division, as “lead agency” under CEQA for issuing discretionary land use permits, uses the relationship of a potential environmental effect from a proposed project to an established regulatory standard to determine the significance of the potential environmental effect. This Appendix summarizes important biological resource regulations which are used by the Division’s biologists (consultants and staff) in making CEQA findings of significance:

- Sensitive Status Species Regulations
- Nesting Bird Regulations
- Plant Community Regulations
- Waters and Wetlands Regulations
- Coastal Habitat Regulations
- Wildlife Migration Regulations
- Locally Important Species/Communities Regulations

---

## Sensitive Status Species Regulations

### *Federally Protected Species*

Ventura County is home to 29 federally listed endangered and threatened plant and wildlife species. The U.S. Fish and Wildlife Service (USFWS) regulates the protection of federally listed endangered and threatened plant and wildlife species.

**FE (Federally Endangered):** A species that is in danger of extinction throughout all or a significant portion of its range.

**FT (Federally Threatened):** A species that is likely to become endangered in the foreseeable future.

**FC (Federal Candidate):** A species for which USFWS has sufficient information on its biological status and threats to propose it as endangered or threatened under the Endangered Species Act (ESA), but for which development of a proposed listing regulation is precluded by other higher priority listing activities.

**FSC (Federal Species of Concern):** A species under consideration for listing, for which there is insufficient information to support listing at this time. These species may or may not be listed in the future, and many of these species were formerly recognized as “Category-2 Candidate” species.

The USFWS requires permits for the ‘taking’ of any federally listed endangered or threatened species. Take is defined by the USFWS as “to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct; may include significant habitat modification or degradation if it kills or injures wildlife by significantly impairing essential behavioral patterns including breeding, feeding, or sheltering.”

The Endangered Species Act (ESA) does not provide statutory protection for candidate species or species of concern, but USFWS encourages conservation efforts to protect these species. USFWS can set up voluntary Candidate Conservation Agreements and Assurances, which provide non-Federal landowners (public and private) with the assurance that if they implement various conservation activities to protect a given candidate species, they will not be subject to additional restrictions if the species becomes listed under the ESA.

### *State Protected Species*

The California Department of Fish and Game (CDFG) regulates the protection of endangered, threatened, and fully protected species listed under the California Endangered Species Act. Some species may be jointly listed under the State and Federal Endangered Species Acts.

**SE (California Endangered):** A native species or subspecies which is in serious danger of becoming extinct throughout all, or a significant portion, of its range due to one or more causes, including loss of habitat, change in habitat, overexploitation, predation, competition, or disease.

**ST (California Threatened):** A native species or subspecies that, although not presently threatened with extinction, is likely to become an endangered species in the foreseeable future in the absence of the special protection and management efforts required by this chapter. Any animal determined by the commission as "rare" on or before January 1, 1985, is a "threatened species."

**SFP (California Fully Protected Species):** This designation originated from the State's initial effort in the 1960's to identify and provide additional protection to those animals that were rare or faced possible extinction. Lists were created for fish, mammals, amphibians, reptiles, and birds. Most fully protected species have also been listed as threatened or endangered species under the more recent endangered species laws and regulations.

**SR (California Rare):** A species, subspecies, or variety of plant is rare under the Native Plant Protection Act when, although not presently threatened with extinction, it is in such small numbers throughout its range that it may become endangered if its present environment worsens. Animals are no longer listed as rare; all animals listed as rare before 1985 have been listed as threatened.

**SSC (California Species of Special Concern):** Animals that are not listed under the California Endangered Species Act, but which nonetheless 1) are declining at a rate that could result in listing, or 2) historically occurred in low numbers and known threats to their persistence currently exist.

The CDFG requires permits for the taking of any State-listed endangered, threatened, or fully protected species. Section 2080 of the Fish and Game Code prohibits "take" of any species that the California Fish and Game Commission determines to be endangered or threatened. Take is defined in Section 86 of the Fish and Game Code as "hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture, or kill."

The California Native Plant Protection Act protects endangered and rare plants of California. Section 1908, which regulates plants listed under this act, states: "no person shall import into this state, or take, possess, or sell within this state, except as incident to the possession or sale of the real property on which the plant is growing, any native plant, or any part or product thereof, that the commission determines to be an endangered native plant or rare native plant, except as otherwise provided in this chapter."

The California Endangered Species Act does not provide statutory protection for California species of special concern, but they should be considered during the environmental review process.

### ***California Native Plant Society Listed Species***

Plants with CNPS listings 1A, 1B and 2 should always be addressed in CEQA documents. Plants with CNPS listings 3 and 4 do not explicitly qualify for legal protection, but can be addressed in CEQA documents depending on the circumstances and opinion of the biologist conducting the assessment.

**CNPS 1A:** Plants presumed to be extinct because they have not been seen or collected in the wild in California for many years. This list includes plants that are both presumed extinct in California, as well as those plants which are presumed extirpated in California. A plant is extinct in California if it no longer occurs in or outside of California. A plant that is extirpated from California has been eliminated from California, but may still occur elsewhere in its range.

**CNPS 1B:** Plants that are rare throughout their range with the majority of them endemic to California. Most of the plants of List 1B have declined significantly over the last century.

**CNPS 2:** Plants that are rare throughout their range in California, but are common beyond the boundaries of California. List 2 recognizes the importance of protecting the geographic range of widespread species.

Plants identified on CNPS Lists 1A, 1B, and 2 meet the definitions of Sec. 1901, Chapter 10 (Native Plant Protection Act) or Secs. 2062 and 2067 (California Endangered Species Act) of the California Department of Fish and Game Code, and are eligible for state listing. They should be fully considered during preparation of environmental documents relating to CEQA.

**CNPS 3:** A review list for plants for which there is inadequate information to assign them to one of the other lists or to reject them.

**CNPS 4:** A watch list for plants that are of limited distribution or infrequent throughout a broader area in California and their vulnerability or susceptibility to threat appears relatively low at this time.

## **Global and Subnational Rankings**

Though not associated directly with legal protections, species have been given a conservation status rank by NatureServe, an international non-profit conservation organization that is the leading source for information about rare and endangered species and threatened ecosystems. The Ventura County Planning Division considers the following ranks as sensitive for the purposes of CEQA impact assessment (G = Global, S = Subnational or State):

- G1 or S1 - Critically Imperiled
- G2 or S2 – Imperiled
- G3 or S3 - Vulnerable to extirpation or extinction

## **Locally Important Species**

Locally important species' protections are addressed in a separate Appendix document, "Locally Important Species/Communities Regulations."

For lists of some of the species in Ventura County that are protected by the above regulations, go to [www.ventura.org/rma/planning/bio\\_resources/index.htm](http://www.ventura.org/rma/planning/bio_resources/index.htm).

---

## **Nesting Bird Regulations**

The Federal Migratory Bird Treaty Act (MBTA) and the California Department of Fish and Game (CDFG) Code (3503, 3503.5, 3511, 3513 and 3800) protect most native birds. In addition, the federal and state endangered species acts protect some bird species listed as threatened or endangered. Project-related impacts to birds protected by these regulations would occur during the breeding season, because unlike adult birds, eggs and chicks are unable to escape impacts.

The MBTA implements various treaties and conventions between the U.S. and Canada, Japan, Mexico, and Russia for the protection of migratory birds, which occur in two of these countries over the course of one year. The Act maintains that it is unlawful to pursue, hunt, take, capture or kill; attempt to take, capture or kill; possess, offer to or sell, barter, purchase, deliver or cause to be shipped, exported, imported, transported, carried or received any migratory bird, part, nest, egg or product, manufactured or not. Bird species protected under the provisions of the MBTA are identified by the List of Migratory Birds (Title 50 of the Code of Federal Regulations, Section 10.13 as updated by the 1983 American Ornithologists' Union (AOU) Checklist and published supplements through 1995 by the USFWS).

CDFG Code 3513 upholds the MBTA by prohibiting any take or possession of birds that are designated by the MBTA as migratory nongame birds except as allowed by federal rules and regulations promulgated pursuant to the MBTA. In addition, there are CDFG Codes (3503, 3503.5, 3511, and 3800) which further protect nesting birds and their parts, including passerine birds, raptors, and state "fully protected" birds.

NOTE: These regulations protect almost all *native nesting birds*, not just sensitive status birds.

---

## **Plant Community Regulations**

Plant communities are provided legal protection when they provide habitat for protected species, when the community is in the coastal zone and qualifies as environmentally sensitive habitat area (ESHA), or when the community qualifies as locally important.

## **Global and Subnational Rankings**

Though not associated directly with legal protections, plant communities have been given a conservation status rank by NatureServe, an international non-profit conservation organization that is the leading source for information about rare and endangered species and threatened ecosystems. The Ventura County Planning Division considers the following ranks as sensitive for the purposes of CEQA impact assessment (G = Global, S = Subnational or State):

- G1 or S1 - Critically Imperiled
- G2 or S2 - Imperiled
- G3 or S3 - Vulnerable to extirpation or extinction

## **CDFG Rare**

Rare natural communities are those communities that are of highly limited distribution. These communities may or may not contain rare, threatened, or endangered species. Though the Native Plant Protection Act and the California Endangered Species Act provide no legal protection to plant communities, CDFG considers plant communities that are ranked G1-G3 or S1-S3 (as defined above) to be rare or sensitive, and therefore these plant communities should be addressed during CEQA review.

## **Environmentally Sensitive Habitat Areas**

The Coastal Act specifically calls for protection of “environmentally sensitive habitat areas” or ESHA, which it defines as: “Any area in which plant or animal life or their habitats are either rare or especially valuable because of their special nature or role in an ecosystem and which could be easily disturbed or degraded by human activities and developments” (Section 30107.5).

ESHA has been specifically defined in the Santa Monica Mountains. For projects in this location, the Coastal Commission, the agency charged with administering the Coastal Act, has developed a specific three-part test for determining whether habitat there should be considered coastal sage scrub/chaparral ESHA. A memo from a Coastal Commission biologist outlining this test can be found at:

[www.ventura.org/rma/planning/pdf/bio\\_resources/ESHA\\_Santa\\_Monica\\_Mountains.pdf](http://www.ventura.org/rma/planning/pdf/bio_resources/ESHA_Santa_Monica_Mountains.pdf).

## **Locally Important Communities**

The Ventura County Initial Study Assessment Guidelines defines a locally important community as one that is considered by qualified biologists to be a quality example characteristic of or unique to the County or region, with this determination being made on a case-by-case basis. The County has not developed a list of locally important communities, but has deemed oak woodlands to be a locally important community.

---

## **Waters and Wetlands Regulations**

Numerous agencies control what can and cannot be done in or around streams and wetlands. If a project affects an area where water flows, ponds or is present even part of the year, it is likely to be regulated by one or more agencies. Many wetland or stream projects will require three main permits or approvals (in addition to CEQA compliance). These are:

- 404 Permit (U.S. Army Corps of Engineers)
- 401 Certification (Regional Water Quality Control Board)
- Streambed Alteration Agreement (California Department of Fish and Game)

In addition, the Ventura County General Plan calls for protection of wetlands and there are several other federal, state and local permits that could be required when a project involves disturbance to wetlands or waters. For a more thorough explanation of wetland permitting, see the Ventura County’s “Wetland Project Permitting Guide” at [www.ventura.org/rma/planning/pdf/prog\\_servs/bio\\_resources/FinalPDF.pdf](http://www.ventura.org/rma/planning/pdf/prog_servs/bio_resources/FinalPDF.pdf).

### **404 Permit (U.S. Army Corps of Engineers)**

Most projects that involve streams or wetlands will require a 404 Permit from the U.S. Army Corps of Engineers (USACE). Section 404 of the federal Clean Water Act is the primary federal program regulating activities in wetlands. The Act regulates areas defined as “waters of the United States.” This includes streams, wetlands in or next to streams, areas influenced by tides, navigable waters, lakes, reservoirs and other impoundments. For nontidal waters, USACE jurisdiction extends up to what is referred to as the “ordinary high water mark” as well as to the landward limits of adjacent Corps-defined wetlands, if present. The ordinary high water mark is an identifiable natural line visible on the bank of a stream or water body that shows the upper limit of typical stream flow or water level. The mark is made from the action of water on the streambank over the course of years.

**Permit Triggers:** A USACE 404 Permit is triggered by moving (discharging) or placing materials—such as dirt, rock, geotextiles, concrete or culverts—into or within USACE jurisdictional areas. This type of activity is also referred to as a “discharge of dredged or fill material.”

### **401 Certification (Regional Water Quality Control Board)**

If your project requires a USACE 404 Permit, then you will also need a Regional Water Quality Control Board (RWQCB) 401 Certification. The federal Clean Water Act, in Section 401, specifies that states must certify that any activity subject to a permit issued by a federal agency, such as the USACE, meets all state water quality standards. In California, the state and regional water boards are responsible for certification of activities subject to USACE Section 404 Permits.

**Permit Trigger:** A RWQCB 401 Certification is triggered whenever a USACE 404 Permit is required, or whenever an activity could cause a discharge of dredged or fill material into waters of the U.S. or wetlands.

### **Streambed Alteration Agreement (California Department of Fish and Game)**

If your project includes alteration of the bed, banks or channel of a stream, or the adjacent riparian vegetation, then you may need a Streambed Alteration Agreement from the California Department of Fish and Game (CDFG). The California Fish and Game Code, Sections 1600-1616, regulates activities that would alter the flow, bed, banks, channel or associated riparian areas of a river, stream or lake—all considered “waters of the state.” The law requires any person, state or local governmental agency or public utility to notify CDFG before beginning an activity that will substantially modify a river, stream or lake.

**Permit Triggers:** A Streambed Alteration Agreement (SAA) is triggered when a project involves altering a stream or disturbing riparian vegetation, including any of the following activities:

- Substantially obstructing or diverting the natural flow of a river, stream or lake
- Using any material from these areas
- Disposing of waste where it can move into these areas

Some projects that involve routine maintenance may qualify for long-term maintenance agreements from CDFG. Discuss this option with CDFG staff.

### **Ventura County General Plan**

The Ventura County General Plan contains policies which also strongly protect wetland habitats.

Biological Resources Policy 1.5.2-3 states:

Discretionary development that is proposed to be located within 300 feet of a marsh, small wash, intermittent lake, intermittent stream, spring, or perennial stream (as identified on the latest USGS 7½ minute quad map), shall be evaluated by a County approved biologist for potential impacts on wetland habitats. Discretionary development that would have a significant impact on significant wetland habitats shall be prohibited, unless mitigation measures are adopted that would reduce the impact to a less than significant level; or for lands designated "Urban" or "Existing Community", a statement of overriding considerations is adopted by the decision-making body.

Biological Resources Policy 1.5.2-4 states:

Discretionary development shall be sited a minimum of 100 feet from significant wetland habitats to mitigate the potential impacts on said habitats. Buffer areas may be increased or decreased upon evaluation and recommendation by a qualified biologist and approval by the decision-making body. Factors to be used in determining adjustment of the 100 foot buffer include soil type, slope stability, drainage patterns, presence or absence of endangered, threatened or rare plants or animals, and compatibility of the proposed development with the wildlife use of the wetland habitat area. The requirement of a buffer (setback) shall not preclude the use of replacement as a mitigation when there is no other feasible alternative to allowing a permitted use, and if the replacement results in no net loss of wetland habitat. Such replacement shall be "in kind" (i.e. same type and acreage), and provide wetland habitat of comparable biological value. On-site replacement shall be preferred wherever possible. The replacement plan shall be developed in consultation with California Department of Fish and Game.

---

## Coastal Habitat Regulations

Ventura County's Coastal Area Plan and the Coastal Zoning Ordinance, which constitute the "Local Coastal Program" (LCP) for the unincorporated portions of Ventura County's coastal zone, ensure that the County's land use plans, zoning ordinances, zoning maps, and implemented actions meet the requirements of, and implement the provisions and polices of California's 1976 Coastal Act at the local level.

### ***Environmentally Sensitive Habitats***

The Coastal Act specifically calls for protection of "environmentally sensitive habitat areas" or ESHA, which it defines as: "Any area in which plant or animal life or their habitats are either rare or especially valuable because of their special nature or role in an ecosystem and which could be easily disturbed or degraded by human activities and developments" (Section 30107.5).

Section 30240 of the Coastal Act states:

- (a) "Environmentally sensitive habitat areas shall be protected against any significant disruption of habitat values, and only uses dependent on such resources shall be allowed within such areas."**
- (b) "Development in areas adjacent to environmentally sensitive habitat areas and parks and recreation areas shall be sited and designed to prevent impacts which would significantly degrade such areas, and shall be compatible with the continuance of such habitat areas."**

There are three important elements to the definition of ESHA. First, a geographic area can be designated ESHA either because of the presence of individual species of plants or animals or because of the presence of a particular habitat. Second, in order for an area to be designated as ESHA, the species or habitat must be either rare or it must be especially valuable. Finally, the area must be easily disturbed or degraded by human activities.

Protection of ESHA is of particular concern in the southeastern part of Ventura County, where the coastal zone extends inland (~5 miles) to include an extensive area of the Santa Monica Mountains. The Coastal Commission, the agency charged with administering the Coastal Act, developed a specific three-part test for determining whether habitat in the Malibu area of the Santa Monica Mountains should be considered coastal sage scrub/chaparral ESHA. Given that Malibu is immediately adjacent to the Ventura County part of the Santa Monica Mountains, this three-part test can be used for assessing whether coastal sage scrub and chaparral habitat in the Ventura County coastal zone meets the definition of ESHA. A memo from a Coastal Commission biologist outlines this test and can be found at: [www.ventura.org/rma/planning/pdf/bio\\_resources/ESHA\\_Santa\\_Monica\\_Mountains.pdf](http://www.ventura.org/rma/planning/pdf/bio_resources/ESHA_Santa_Monica_Mountains.pdf).

The County's Local Coastal Program outlines other specific protections to environmentally sensitive habitats in the Coastal Zone, such as to wetlands, riparian habitats and dunes. Protections in some cases are different for different segments of the coastal zone.

Copies of the Coastal Area Plan and the Coastal Zoning Ordinance can be found at: [www.ventura.org/rma/planning/programs\\_services/local\\_coast/local\\_coast.htm](http://www.ventura.org/rma/planning/programs_services/local_coast/local_coast.htm).

---

## Wildlife Migration Regulations

The Ventura County General Plan specifically includes wildlife migration corridors as an element of the region's significant biological resources. In addition, protecting habitat connectivity is critical to the success of special status species and other biological resource protections. Potential project impacts to wildlife migration are analyzed by biologists on a case-by-case basis. The issue involves both a macro-scale analysis—where routes used by large carnivores connecting very large core habitat areas may be impacted—as well as a micro-scale analysis—where a road or stream crossing may impact localized movement by many different animals.

---

## Locally Important Species/Communities Regulations

Locally important species/communities are considered to be significant biological resources in the Ventura County General Plan, thus one of the County's threshold criteria for the evaluation of impacts to biological resources is whether the project impacts locally important species/communities.

## ***Locally Important Species***

The following criteria were developed with the assistance of local biologists:

### **Locally Important Animal Species Criteria**

1. Taxa for whom habitat in Ventura County is crucial for their existence either globally or in Ventura County. This includes taxa for whom:
  - Populations in Ventura County represents 10% or more of the known extant global distribution; or
  - In Ventura County, there are less than 6 element occurrences, or less than 1,000 individuals, or less than 2,000 acres.
2. Native taxa that are generally declining throughout their range and/or are in danger of extirpation in Ventura County.

### **Locally Important Plant Species Criteria**

A locally important plant is a taxon that is declining throughout the extent of its range AND has a maximum of five (5) element occurrences in Ventura County.

### **Locally Important Animal and Plant Species Criteria**

In some cases, to be determined on an individual basis, there are taxa whose population(s) do not qualify as locally important species; however, certain locations where a taxon occurs will be defined as locally important. This includes:

- If known, the published type locality for a holotype specimen.
- The edge of a taxon's range. This criteria does not apply to non-native taxa or those taxa whose range and population(s) size is expanding.

The County maintains a list of locally important species, which can be found on the Planning Division website at: [www.ventura.org/rma/planning/programs\\_services/bio\\_resources/bio\\_resources.htm](http://www.ventura.org/rma/planning/programs_services/bio_resources/bio_resources.htm). *This list should not be considered comprehensive.* Any species that meets the criteria qualifies as locally important, whether or not it is included on this list.

## ***Locally Important Communities***

The Ventura County Initial Study Assessment Guidelines defines a locally important community as one that is considered by qualified biologists to be a quality example characteristic of or unique to the County or region, with this determination being made on a case-by-case basis. The County has not developed a list of locally important communities. Oak woodlands have however been deemed by the Ventura County Board of Supervisors to be a locally important community.

The state passed legislation in 2001, the Oak Woodland Conservation Act, to emphasize that oak woodlands are a vital and threatened statewide resource. In response, the County of Ventura prepared and adopted an Oak Woodland Management Plan that recommended, among other things, amending the County's Initial Study Assessment Guidelines to include an explicit reference to oak woodlands as part of its definition of locally important communities. The Board of Supervisors approved this management plan and its recommendations.

## Appendix 2-A

### Vascular Plant Flora Observed at 4730 Tapo Canyon Road, Ventura County, California

Scientific Name	Common Name	Habit	Family	Wetland Status	Invasiveness Rating
<i>Acmispon glaber</i> var. <i>glaber</i>	Deerweed, California broom	PH	Fabaceae	*	
<i>Ailanthus altissima</i> *	Tree of heaven	T	Simaroubaceae	FACU	Moderate
<i>Amaranthus albus</i> *	Tumble-weed	AH	Amaranthaceae	FACU	
<i>Amaranthus retroflexus</i> *	Amaranth	AH	Amaranthaceae	FACU	
<i>Ambrosia artemisiifolia</i> *	Common ragweed	AH	Asteraceae	*	
<i>Artemisia californica</i>	California sagebrush	S	Asteraceae	*	
<i>Asclepias fascicularis</i>	Narrow-leaf milkweed	AH	Apocynaceae	FAC	
<i>Atriplex lentiformis</i>	Big saltbush	S	Chenopodiaceae	FAC	
<i>Avena barbata</i> *	Slender wild oats	AG	Poaceae	*	Moderate
<i>Baccharis salicifolia</i>	Mule fat, seep-willow	S	Asteraceae	FAC	
<i>Brassica nigra</i> *	Black mustard	AH	Brassicaceae	*	Moderate
<i>Bromus diandrus</i> *	Ripgut grass	AG	Poaceae	*	Moderate
<i>Bromus rubens</i> *	Red brome	AG	Poaceae	UPL	High
<i>Calystegia macrostegia</i> ssp. <i>cyclostegia</i>	Chaparral morning glory	PV	Convolvulaceae	*	
<i>Carduus pycnocephalus</i> *	Italian thistle	AH	Asteraceae	*	Moderate
<i>Centaurea melitensis</i> *	Tocalote	AH	Asteraceae	*	Moderate
<i>Chenopodium murale</i> *	Nettle-leaf goose-foot	AH	Chenopodiaceae	FACU	
<i>Corethrogyne filaginifolia</i>	California aster	PH	Asteraceae	*	
<i>Croton setigerus</i>	Turkey mullein	AH	Euphorbiaceae	*	
<i>Cynodon dactylon</i> *	Bermuda grass	PG	Poaceae	FACU	Moderate
<i>Datura wrightii</i>	Jimsonweed	PH	Solanaceae	UPL	
<i>Dichelostemma capitatum</i>	Blue dicks	PH	Liliaceae	FACU	
<i>Elymus condensatus</i>	Giant wild rye	PG	Poaceae	*	
<i>Erigeron canadensis</i>	Horse-weed	AH	Asteraceae	FACU	
<i>Eriogonum elongatum</i> var. <i>elongatum</i>	Wand buckwheat	S	Polygonaceae	*	
<i>Eriogonum fasciculatum</i> var. <i>fasciculatum</i>	California buckwheat	S	Polygonaceae	*	
<i>Erodium cicutarium</i> *	Redstem filaree	AH	Geraniaceae	*	Limited
<i>Eulobus californicus</i>	Mustard evening primrose	AH	Onagraceae	*	
<i>Euphorbia serpens</i> *	Matted sand mat	AH	Euphorbiaceae	FACU	
<i>Galium angustifolium</i>	Bedstraw	PH	Rubiaceae	*	
<i>Gutierrezia californica</i>	Match-weed	S	Asteraceae	*	
<i>Hazardia squarrosa</i> var. <i>grindelioides</i>	Sawtooth goldenbush	S	Asteraceae	*	
<i>Helminthotheca echioides</i> *	Bristly ox-tongue	AH	Asteraceae	FAC	Limited
<i>Hesperoyucca whipplei</i>	Our lord's candle	S	Agavaceae	*	
<i>Heteromeles arbutifolia</i>	Toyon	T	Rosaceae	*	
<i>Heterotheca grandiflora</i>	Telegraph weed	PH	Asteraceae	*	
<i>Hirschfeldia incana</i> *	Summer mustard	BH	Brassicaceae	*	Moderate
<i>Iris</i> sp.**	Iris	PH	Iridaceae	*	
<i>Lactuca serriola</i> *	Prickly lettuce	AH	Asteraceae	FACU	
<i>Leptochloa fusca</i> ssp. <i>uninervia</i>	Mexican sprangle-top	AG	Poaceae	*	
<i>Ligustrum lucidum</i> **	Privet	T	Oleacea	*	Limited
<i>Malosma laurina</i>	Laurel sumac	S	Anacardiaceae	*	
<i>Malva parviflora</i> *	Cheese-weed	AH	Malvaceae	*	

## Appendix 2-A

### Vascular Plant Flora Observed at 4730 Tapo Canyon Road, Ventura County, California

Scientific Name	Common Name	Habit	Family	Wetland Status	Invasiveness Rating
<i>Marrubium vulgare</i> *	Horehound	PH	Lamiaceae	FACU	Limited
<i>Matricaria discoidea</i> *	Pineapple weed	AH	Asteraceae	FACU	
<i>Mirabilis laevis</i> var. <i>crassifolia</i>	Wishbone bush	PH	Nyctaginaceae	*	
<i>Nerium oleander</i> **	Oleander	S	Apocynaceae	*	
<i>Nicotiana glauca</i> *	Tree tobacco	S	Solanaceae	FAC	Moderate
<i>Phacelia distans</i>	Common wild-heliotrope	AH	Boraginaceae	*	
<i>Pittosporum undulatum</i> **	Pittosporum	T	Pittosporaceae	*	Watch
<i>Phoenix</i> sp.**	Date palm	T	Arecaceae	*	
<i>Polypogon monspeliensis</i> *	Annual beard grass	AG	Poaceae	FACW	Limited
<i>Portulaca oleracea</i> *	Purslane	AH	Portulacaceae	FAC	
<i>Quercus agrifolia</i> var. <i>agrifolia</i>	Coast live oak	T	Fagaceae	*	
<i>Quercus lobata</i>	Valley oak	T	Fagaceae	*	
<i>Ricinus communis</i> *	Castor bean	S	Euphorbiaceae	FACU	Limited
<i>Robinia pseudoacacia</i> **	Black locust	T	Fabaceae	FACU	Limited
<i>Rumex crispus</i> *	Curly dock	PH	Polygonaceae	FAC	Limited
<i>Salsola tragus</i> *	Russian thistle	AH	Chenopodiaceae	FACU	Limited
<i>Salvia leucophylla</i>	Purple sage	S	Lamiaceae	*	
<i>Sambucus nigra</i> ssp. <i>caerulea</i>	Blue elderberry	T	Adoxaceae	FACU	
<i>Schinus molle</i> *	Pepper tree	T	Anacardiaceae	FACU	Limited
<i>Sisymbrium irio</i> *	London rocket	AH	Brassicaceae	*	Limited
<i>Sonchus oleraceus</i> *	Common sow thistle	AH	Asteraceae	UPL	
<i>Typha latifolia</i>	Broad-leaf cattail	S	Typhaceae	OBL	
<i>Washingtonia robusta</i> *	Mexican fan palm	T	Arecaceae	FACW	Moderate

**Notes:**

Scientific nomenclature follows The Jepson Manual Second Edition (Baldwin et al., 2012), including supplements (old names in brackets).

An "\*" indicates non-native species which have become naturalized or persist without cultivation.

An "\*\*" indicates species which have been planted and may not persist without cultivation.

**Habit Definitions:**

- AF = annual fern or fern ally.
- AG = annual grass.
- AH = annual herb.
- BH = biennial herb.
- PF = perennial fern or fern ally.
- PG = perennial grass.
- PH = perennial herb.
- PV = perennial vine.
- S = shrub.
- T = tree.

Invasiveness Rating from the online database of the California Invasive Plant Council

Wetland Status from Arid West 2020 Regional Wetland Plant List

OBL - Obligate wetland: almost always occurs in wetlands (>99% probability)

FACW - Facultative-Wetland: usually occurs in wetlands (67-99% probability)

FAC - Facultative: equally likely to occur in wetlands or non-wetlands (34-66% probability)

FACU - Facultative-Upland: usually occurs in non-wetlands (1-33% probability)

UPL - Upland: almost always occurs in non-wetlands (>99% probability)

\*: not addressed in the wetland plant list, non-wetland species

## Attachment 2-B

### Vertebrate Animal Species Observed at 4730 Tapo Canyon Road Ventura County, California

<b>ANIMAL GROUP</b>			
<u>Common Name</u>	<u>Scientific Name</u>	<u>Native(1)</u>	<u>Status(2)</u>
<b>AMPHIBIANS AND REPTILES</b>			
Western fence lizard	<i>Sceloporus occidentalis longipes</i>	Y	--
<b>BIRDS</b>			
California quail	<i>Callipepla californica</i>	Y	--
Anna's hummingbird	<i>Calypte anna</i>	Y	--
European starling	<i>Sturnus vulgaris</i>	N	--
Acorn woodpecker	<i>Melanerpes formicivorus</i>	Y	--
Nuttall's woodpecker	<i>Picoides nuttallii</i>	Y	BCC
Yellow-rumped warbler	<i>Setophaga coronata</i>	Y	--
American crow	<i>Corvus brachyrhynchos</i>	Y	--
California scrub jay	<i>Aphelocoma californica</i>	Y	--
Black phoebe	<i>Sayornis nigricans</i>	Y	--
Common bushtit	<i>Psaltriparus minimus</i>	Y	--
Bewick's wren	<i>Thryomanes bewickii</i>	Y	--
House wren	<i>Troglodytes aedon</i>	Y	--
Northern mockingbird	<i>Mimus polyglottos</i>	Y	--
California towhee	<i>Pipilo crissalis</i>	Y	--
House finch	<i>Carpodacus mexicanus</i>	Y	--
Lincoln's sparrow	<i>Melospiza lincolnii</i>	Y	--
White-crowned sparrow	<i>Zonotrichia leucophrys</i>	Y	--
<b>MAMMALS</b>			
Coyote	<i>Canis latrans</i>	Y	--
Opossum	<i>Didelphis virginiana</i>	N	--
Raccoon	<i>Procyon lotor</i>	Y	--
Botta's pocket gopher	<i>Thomomys bottae</i>	Y	--
California ground squirrel	<i>Spermophilus beecheyi</i>	Y	--
Audubon's cottontail	<i>Sylvilagus auduboni</i>	Y	--

(1) Native

Y= Yes

N= No

(2) Status

BCC= USFWS Birds of Conservation Concern

Fish nomenclature based on Swift et al. (1993)

Amphibian and reptile nomenclature based upon Thomson et al. (2016)

Bird nomenclature based upon American Ornithologists Union (2022)

Mammal nomenclature based upon Hall (1981)

**ATTACHMENT A**

**CALIFORNIA NATURAL DIVERSITY DATA BASE ELEMENT OCCURRENCES WITHIN 10 MILES OF THE SURVEY AREA**

Scientific_Name	Common_Name	Accuracy	Presence	Federal_Status	State_Status	Global Rank	State Rank	Rare Plant Rank	CDFW Status
Dudleya multicaulis	many-stemmed dudleya	1/5 mile	Presumed Extant	None	None	G2	S2	1B.2	
Bombus crotchii	Crotch bumble bee	1 mile	Presumed Extant	None	Candidate Endangered	G2	S2		
Calochortus plummerae	Plummer's mariposa-lily	specific area	Presumed Extant	None	None	G4	S4	4.2	
Aimophila ruficeps canescens	southern California rufous-crowned sparrow	80 meters	Presumed Extant	None	None	G5T3	S4		WL
Thamnophis hammondi	two-striped gartersnake	1/5 mile	Presumed Extant	None	None	G4	S3S4		SSC
Coccyzus americanus occidentalis	western yellow-billed cuckoo	1 mile	Possibly Extirpated	Threatened	Endangered	G5T2T3	S1		
Calochortus clavatus var. gracilis	slender mariposa-lily	specific area	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
Chorizanthe parryi var. fernandina	San Fernando Valley spineflower	specific area	Presumed Extant	None	Endangered	G2T1	S1	1B.1	
Calochortus clavatus var. gracilis	slender mariposa-lily	specific area	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
California Walnut Woodland	California Walnut Woodland	specific area	Presumed Extant	None	None	G2	S2.1		
Myotis ciliolabrum	western small-footed myotis	1/5 mile	Presumed Extant	None	None	G5	S3		
Anniella spp.	California legless lizard	80 meters	Presumed Extant	None	None	G3G4	S3S4		SSC
Southern Sycamore Alder Riparian Woodland	Southern Sycamore Alder Riparian Woodland	specific area	Presumed Extant	None	None	G4	S4		
Calochortus clavatus var. gracilis	slender mariposa-lily	80 meters	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
Valley Oak Woodland	Valley Oak Woodland	specific area	Presumed Extant	None	None	G3	S2.1		
Spea hammondii	western spadefoot	specific area	Presumed Extant	None	None	G2G3	S3S4		SSC
Calochortus fimbriatus	late-flowered mariposa-lily	specific area	Presumed Extant	None	None	G3	S3	1B.3	
Southern Willow Scrub	Southern Willow Scrub	specific area	Extirpated	None	None	G3	S2.1		
California Walnut Woodland	California Walnut Woodland	specific area	Presumed Extant	None	None	G2	S2.1		
Poliophtila californica californica	coastal California gnatcatcher	specific area	Presumed Extant	Threatened	None	G4G5T3Q	S2		SSC
Lupinus paynei	Payne's bush lupine	80 meters	Presumed Extant	None	None	G1Q	S1	1B.1	
Horkelia cuneata var. puberula	mesa horkelia	non-specific area	Presumed Extant	None	None	G4T1	S1	1B.1	
Deinandra minthornii	Santa Susana tarplant	specific area	Presumed Extant	None	Rare	G2	S2	1B.2	
Aspidoscelis tigris stejnegeri	coastal whiptail	80 meters	Presumed Extant	None	None	G5T5	S3		SSC
Vireo bellii pusillus	least Bell's vireo	non-specific area	Presumed Extant	Endangered	Endangered	G5T2	S3		
Spea hammondii	western spadefoot	80 meters	Presumed Extant	None	None	G2G3	S3S4		SSC
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	specific area	Presumed Extant	None	None	G4	S4		
Deinandra minthornii	Santa Susana tarplant	specific area	Presumed Extant	None	Rare	G2	S2	1B.2	
Elanus leucurus	white-tailed kite	80 meters	Presumed Extant	None	None	G5	S3S4		FP
Gymnogyps californianus	California condor	specific area	Presumed Extant	Endangered	Endangered	G1	S2		FP
Astragalus brauntonii	Braunton's milk-vetch	specific area	Presumed Extant	Endangered	None	G2	S2	1B.1	
Phrynosoma blainvillii	coast horned lizard	non-specific area	Presumed Extant	None	None	G4	S4		SSC
Deinandra minthornii	Santa Susana tarplant	80 meters	Presumed Extant	None	Rare	G2	S2	1B.2	
Buteo swainsoni	Swainson's hawk	1 mile	Possibly Extirpated	None	Threatened	G5	S4		
Emys marmorata	western pond turtle	80 meters	Presumed Extant	None	None	G3G4	S3		SSC
Thamnophis hammondii	two-striped gartersnake	80 meters	Presumed Extant	None	None	G4	S3S4		SSC
Vireo bellii pusillus	least Bell's vireo	1 mile	Presumed Extant	Endangered	Endangered	G5T2	S3		
Poliophtila californica californica	coastal California gnatcatcher	1 mile	Presumed Extant	Threatened	None	G4G5T3Q	S2		SSC
Southern Mixed Riparian Forest	Southern Mixed Riparian Forest	specific area	Presumed Extant	None	None	G2	S2.1		
Rana draytonii	California red-legged frog	specific area	Presumed Extant	Threatened	None	G2G3	S2S3		SSC
Anniella spp.	California legless lizard	1/10 mile	Presumed Extant	None	None	G3G4	S3S4		SSC
Nolina cismontana	chaparral nolina	specific area	Presumed Extant	None	None	G3	S3	1B.2	
Bombus crotchii	Crotch bumble bee	80 meters	Presumed Extant	None	Candidate Endangered	G2	S2		
Aimophila ruficeps canescens	southern California rufous-crowned sparrow	1 mile	Presumed Extant	None	None	G5T3	S4		WL
Southern Cottonwood Willow Riparian Forest	Southern Cottonwood Willow Riparian Forest	1/5 mile	Presumed Extant	None	None	G3	S3.2		
Baccharis malibuensis	Malibu baccharis	80 meters	Presumed Extant	None	None	G1	S1	1B.1	
Thamnophis hammondii	two-striped gartersnake	80 meters	Presumed Extant	None	None	G4	S3S4		SSC
Rana draytonii	California red-legged frog	80 meters	Presumed Extant	Threatened	None	G2G3	S2S3		SSC
Deinandra minthornii	Santa Susana tarplant	specific area	Presumed Extant	None	Rare	G2	S2	1B.2	
Southern Riparian Scrub	Southern Riparian Scrub	specific area	Presumed Extant	None	None	G3	S3.2		
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	specific area	Presumed Extant	None	None	G4	S4		
Anniella spp.	California legless lizard	1/5 mile	Presumed Extant	None	None	G3G4	S3S4		SSC
Vireo bellii pusillus	least Bell's vireo	80 meters	Presumed Extant	Endangered	Endangered	G5T2	S3		
Taxidea taxus	American badger	1 mile	Presumed Extant	None	None	G5	S3		SSC

**ATTACHMENT A**

**CALIFORNIA NATURAL DIVERSITY DATA BASE ELEMENT OCCURRENCES WITHIN 10 MILES OF THE SURVEY AREA**

Scientific_Name	Common_Name	Accuracy	Presence	Federal_Status	State_Status	Global Rank	State Rank	Rare Plant Rank	CDFW Status
Calochortus plummerae	Plummer's mariposa-lily	specific area	Presumed Extant	None	None	G4	S4	4.2	
Spea hammondii	western spadefoot	specific area	Presumed Extant	None	None	G2G3	S3S4		SSC
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	specific area	Presumed Extant	None	None	G4	S4		
Anniella spp.	California legless lizard	80 meters	Presumed Extant	None	None	G3G4	S3S4		SSC
Arizona elegans occidentalis	California glossy snake	1 mile	Presumed Extant	None	None	G5T2	S2		SSC
Neotoma lepida intermedia	San Diego desert woodrat	80 meters	Presumed Extant	None	None	G5T3T4	S3S4		SSC
Aspidoscelis tigris stejnegeri	coastal whiptail	80 meters	Presumed Extant	None	None	G5T5	S3		SSC
Calochortus clavatus var. gracilis	slender mariposa-lily	specific area	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
Chorizanthe parryi var. fernandina	San Fernando Valley spineflower	specific area	Presumed Extant	None	Endangered	G2T1	S1	1B.1	
Spea hammondii	western spadefoot	1 mile	Presumed Extant	None	None	G2G3	S3S4		SSC
Pentachaeta lyonii	Lyon's pentachaeta	specific area	Presumed Extant	Endangered	Endangered	G1	S1	1B.1	
California Walnut Woodland	California Walnut Woodland	specific area	Extirpated	None	None	G2	S2.1		
Calochortus clavatus var. gracilis	slender mariposa-lily	non-specific area	Extirpated	None	None	G4T2T3	S2S3	1B.2	
Calochortus plummerae	Plummer's mariposa-lily	non-specific area	Presumed Extant	None	None	G4	S4	4.2	
Eumops perotis californicus	western mastiff bat	1 mile	Presumed Extant	None	None	G4G5T4	S3S4		SSC
Phrynosoma blainvillii	coast horned lizard	1 mile	Presumed Extant	None	None	G4	S4		SSC
Polioptila californica californica	coastal California gnatcatcher	specific area	Presumed Extant	Threatened	None	G4G5T3Q	S2		SSC
Calochortus clavatus var. gracilis	slender mariposa-lily	2/5 mile	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
Deinandra minthornii	Santa Susana tarplant	specific area	Presumed Extant	None	Rare	G2	S2	1B.2	
Pentachaeta lyonii	Lyon's pentachaeta	80 meters	Presumed Extant	Endangered	Endangered	G1	S1	1B.1	
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	specific area	Presumed Extant	None	None	G4	S4		
Calochortus plummerae	Plummer's mariposa-lily	2/5 mile	Presumed Extant	None	None	G4	S4	4.2	
Senecio aphanactis	chaparral ragwort	3/5 mile	Presumed Extant	None	None	G3	S2	2B.2	
Polioptila californica californica	coastal California gnatcatcher	80 meters	Presumed Extant	Threatened	None	G4G5T3Q	S2		SSC
Astragalus brauntonii	Braunton's milk-vetch	specific area	Presumed Extant	Endangered	None	G2	S2	1B.1	
Phrynosoma blainvillii	coast horned lizard	80 meters	Presumed Extant	None	None	G4	S4		SSC
Symphytotrichum greatae	Greata's aster	non-specific area	Presumed Extant	None	None	G2	S2	1B.3	
Calochortus plummerae	Plummer's mariposa-lily	2/5 mile	Presumed Extant	None	None	G4	S4	4.2	
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	specific area	Presumed Extant	None	None	G4	S4		
Deinandra minthornii	Santa Susana tarplant	specific area	Presumed Extant	None	Rare	G2	S2	1B.2	
Navarretia ojaiensis	Ojai navarretia	specific area	Presumed Extant	None	None	G2	S2	1B.1	
Athene cucularia	burrowing owl	80 meters	Presumed Extant	None	None	G4	S2		SSC
Anniella spp.	California legless lizard	1/5 mile	Presumed Extant	None	None	G3G4	S3S4		SSC
Setophaga petechia	yellow warbler	1 mile	Presumed Extant	None	None	G5	S3		SSC
Valley Oak Woodland	Valley Oak Woodland	specific area	Presumed Extant	None	None	G3	S2.1		
Deinandra minthornii	Santa Susana tarplant	80 meters	Presumed Extant	None	Rare	G2	S2	1B.2	
Valley Oak Woodland	Valley Oak Woodland	specific area	Presumed Extant	None	None	G3	S2.1		
Calochortus clavatus var. gracilis	slender mariposa-lily	specific area	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
Astragalus brauntonii	Braunton's milk-vetch	specific area	Presumed Extant	Endangered	None	G2	S2	1B.1	
Buteo swainsoni	Swainson's hawk	1 mile	Possibly Extirpated	None	Threatened	G5	S4		
Calochortus clavatus var. gracilis	slender mariposa-lily	specific area	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
Spea hammondii	western spadefoot	80 meters	Presumed Extant	None	None	G2G3	S3S4		SSC
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	specific area	Presumed Extant	None	None	G4	S4		
Astragalus brauntonii	Braunton's milk-vetch	specific area	Presumed Extant	Endangered	None	G2	S2	1B.1	
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	specific area	Presumed Extant	None	None	G4	S4		
Bombus crotchii	Crotch bumble bee	80 meters	Presumed Extant	None	Candidate Endangered	G2	S2		
Gila orcuttii	arroyo chub	specific area	Presumed Extant	None	None	G2	S2		SSC
Southern Cottonwood Willow Riparian Forest	Southern Cottonwood Willow Riparian Forest	specific area	Presumed Extant	None	None	G3	S3.2		
Anniella spp.	California legless lizard	1 mile	Presumed Extant	None	None	G3G4	S3S4		SSC
Southern Sycamore Alder Riparian Woodland	Southern Sycamore Alder Riparian Woodland	specific area	Presumed Extant	None	None	G4	S4		
California Walnut Woodland	California Walnut Woodland	specific area	Presumed Extant	None	None	G2	S2.1		
Southern Willow Scrub	Southern Willow Scrub	specific area	Presumed Extant	None	None	G3	S2.1		
Bombus crotchii	Crotch bumble bee	specific area	Presumed Extant	None	Candidate Endangered	G2	S2		
Calochortus clavatus var. gracilis	slender mariposa-lily	specific area	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	

**ATTACHMENT A**

**CALIFORNIA NATURAL DIVERSITY DATA BASE ELEMENT OCCURRENCES WITHIN 10 MILES OF THE SURVEY AREA**

Scientific Name	Common Name	Accuracy	Presence	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank	CDFW Status
Chorizanthe parryi var. fernandina	San Fernando Valley spineflower	specific area	Presumed Extant	None	Endangered	G2T1	S1	1B.1	
Helminthoglypta fontiphila	Soledad shoulderband	1 mile	Presumed Extant	None	None	G1	S1		
Chorizanthe parryi var. fernandina	San Fernando Valley spineflower	specific area	Presumed Extant	None	Endangered	G2T1	S1	1B.1	
Anniella spp.	California legless lizard	80 meters	Presumed Extant	None	None	G3G4	S3S4		SSC
Gymnogyps californianus	California condor	80 meters	Presumed Extant	Endangered	Endangered	G1	S2		FP
Pentachaeta lyonii	Lyon's pentachaeta	specific area	Presumed Extant	Endangered	Endangered	G1	S1	1B.1	
Artemisiospiza belli belli	Bell's sparrow	80 meters	Presumed Extant	None	None	G5T2T3	S3		WL
Deinandra minthornii	Santa Susana tarplant	specific area	Presumed Extant	None	Rare	G2	S2	1B.2	
Anniella spp.	California legless lizard	1/5 mile	Presumed Extant	None	None	G3G4	S3S4		SSC
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	specific area	Presumed Extant	None	None	G4	S4		
Calochortus clavatus var. gracilis	slender mariposa-lily	specific area	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
Aspidoscelis tigris stejnegeri	coastal whiptail	1 mile	Presumed Extant	None	None	G5T5	S3		SSC
Emys marmorata	western pond turtle	non-specific area	Presumed Extant	None	None	G3G4	S3		SSC
Bombus crotchii	Crotch bumble bee	1/10 mile	Presumed Extant	None	Candidate Endangered	G2	S2		
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	specific area	Presumed Extant	None	None	G4	S4		
Spea hammondii	western spadefoot	specific area	Presumed Extant	None	None	G2G3	S3S4		SSC
Lasthenia glabrata ssp. coulteri	Coulter's goldfields	1 mile	Presumed Extant	None	None	G4T2	S2	1B.1	
California Walnut Woodland	California Walnut Woodland	specific area	Presumed Extant	None	None	G2	S2.1		
Astragalus brauntonii	Braunton's milk-vetch	specific area	Presumed Extant	Endangered	None	G2	S2	1B.1	
Astragalus brauntonii	Braunton's milk-vetch	specific area	Presumed Extant	Endangered	None	G2	S2	1B.1	
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	specific area	Presumed Extant	None	None	G4	S4		
Nolina cismontana	chaparral nolina	specific area	Presumed Extant	None	None	G3	S3	1B.2	
Emys marmorata	western pond turtle	non-specific area	Presumed Extant	None	None	G3G4	S3		SSC
Astragalus brauntonii	Braunton's milk-vetch	80 meters	Presumed Extant	Endangered	None	G2	S2	1B.1	
Southern Willow Scrub	Southern Willow Scrub	specific area	Presumed Extant	None	None	G3	S2.1		
Spea hammondii	western spadefoot	80 meters	Presumed Extant	None	None	G2G3	S3S4		SSC
Deinandra minthornii	Santa Susana tarplant	specific area	Presumed Extant	None	Rare	G2	S2	1B.2	
Vireo bellii pusillus	least Bell's vireo	specific area	Presumed Extant	Endangered	Endangered	G5T2	S3		
Gasterosteus aculeatus williamsoni	unarmored threespine stickleback	non-specific area	Presumed Extant	Endangered	Endangered	G5T1	S1		FP
Astragalus brauntonii	Braunton's milk-vetch	specific area	Presumed Extant	Endangered	None	G2	S2	1B.1	
Deinandra minthornii	Santa Susana tarplant	specific area	Presumed Extant	None	Rare	G2	S2	1B.2	
Calochortus clavatus var. gracilis	slender mariposa-lily	specific area	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
Anniella spp.	California legless lizard	2/5 mile	Presumed Extant	None	None	G3G4	S3S4		SSC
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	specific area	Presumed Extant	None	None	G4	S4		
Calochortus clavatus var. gracilis	slender mariposa-lily	specific area	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
Calochortus clavatus var. gracilis	slender mariposa-lily	specific area	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
Calochortus clavatus var. gracilis	slender mariposa-lily	specific area	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
Southern Cottonwood Willow Riparian Forest	Southern Cottonwood Willow Riparian Forest	specific area	Presumed Extant	None	None	G3	S3.2		
Anniella spp.	California legless lizard	1/10 mile	Presumed Extant	None	None	G3G4	S3S4		SSC
Aspidoscelis tigris stejnegeri	coastal whiptail	80 meters	Presumed Extant	None	None	G5T5	S3		SSC
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	specific area	Presumed Extant	None	None	G4	S4		
Vireo bellii pusillus	least Bell's vireo	non-specific area	Presumed Extant	Endangered	Endangered	G5T2	S3		
Astragalus brauntonii	Braunton's milk-vetch	specific area	Presumed Extant	Endangered	None	G2	S2	1B.1	
Deinandra minthornii	Santa Susana tarplant	specific area	Presumed Extant	None	Rare	G2	S2	1B.2	
Lupinus paynei	Payne's bush lupine	80 meters	Presumed Extant	None	None	G1Q	S1	1B.1	
Dodecachaema leptoceras	slender-horned spineflower	1 mile	Possibly Extirpated	Endangered	Endangered	G1	S1	1B.1	
Emys marmorata	western pond turtle	non-specific area	Presumed Extant	None	None	G3G4	S3		SSC
California Walnut Woodland	California Walnut Woodland	non-specific area	Extirpated	None	None	G2	S2.1		
Anniella spp.	California legless lizard	1/10 mile	Presumed Extant	None	None	G3G4	S3S4		SSC
Neotoma lepida intermedia	San Diego desert woodrat	80 meters	Presumed Extant	None	None	G5T3T4	S3S4		SSC
California Walnut Woodland	California Walnut Woodland	specific area	Presumed Extant	None	None	G2	S2.1		
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	specific area	Presumed Extant	None	None	G4	S4		
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	specific area	Presumed Extant	None	None	G4	S4		
Athene cucularia	burrowing owl	2/5 mile	Presumed Extant	None	None	G4	S2		SSC

**ATTACHMENT A**

**CALIFORNIA NATURAL DIVERSITY DATA BASE ELEMENT OCCURRENCES WITHIN 10 MILES OF THE SURVEY AREA**

Scientific_Name	Common_Name	Accuracy	Presence	Federal_Status	State_Status	Global Rank	State Rank	Rare Plant Rank	CDFW Status
Calochortus clavatus var. gracilis	slender mariposa-lily	non-specific area	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
Spea hammondii	western spadefoot	80 meters	Presumed Extant	None	None	G2G3	S3S4		SSC
Calochortus clavatus var. gracilis	slender mariposa-lily	specific area	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
Chorizanthe parryi var. fernandina	San Fernando Valley spineflower	specific area	Presumed Extant	None	Endangered	G2T1	S1	1B.1	
Southern Sycamore Alder Riparian Woodland	Southern Sycamore Alder Riparian Woodland	specific area	Presumed Extant	None	None	G4	S4		
Bombus crotchii	Crotch bumble bee	1 mile	Presumed Extant	None	Candidate Endangered	G2	S2		
Anniella spp.	California legless lizard	80 meters	Presumed Extant	None	None	G3G4	S3S4		SSC
Calochortus plummerae	Plummer's mariposa-lily	specific area	Presumed Extant	None	None	G4	S4	4.2	
Vireo bellii pusillus	least Bell's vireo	80 meters	Presumed Extant	Endangered	Endangered	G5T2	S3		
California Walnut Woodland	California Walnut Woodland	specific area	Presumed Extant	None	None	G2	S2.1		
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	specific area	Presumed Extant	None	None	G4	S4		
Polioptila californica californica	coastal California gnatcatcher	specific area	Presumed Extant	Threatened	None	G4G5T3Q	S2		SSC
Calochortus fimbriatus	late-flowered mariposa-lily	specific area	Presumed Extant	None	None	G3	S3	1B.3	
Spea hammondii	western spadefoot	80 meters	Presumed Extant	None	None	G2G3	S3S4		SSC
Orcuttia californica	California Orcutt grass	specific area	Presumed Extant	Endangered	Endangered	G1	S1	1B.1	
Chorizanthe parryi var. fernandina	San Fernando Valley spineflower	specific area	Presumed Extant	None	Endangered	G2T1	S1	1B.1	
Aquila chrysaetos	golden eagle	1 mile	Presumed Extant	None	None	G5	S3		FP; WL
Agelaius tricolor	tricolored blackbird	non-specific area	Presumed Extant	None	Threatened	G1G2	S2		SSC
Southern Sycamore Alder Riparian Woodland	Southern Sycamore Alder Riparian Woodland	specific area	Presumed Extant	None	None	G4	S4		
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	specific area	Presumed Extant	None	None	G4	S4		
Eumops perotis californicus	western mastiff bat	1 mile	Presumed Extant	None	None	G4G5T4	S3S4		SSC
Deinandra minthornii	Santa Susana tarplant	specific area	Presumed Extant	None	Rare	G2	S2	1B.2	
Nolina cismontana	chaparral nolina	specific area	Presumed Extant	None	None	G3	S3	1B.2	
Dudleya parva	Conejo dudleya	specific area	Presumed Extant	Threatened	None	G1	S1	1B.2	
Southern Mixed Riparian Forest	Southern Mixed Riparian Forest	specific area	Presumed Extant	None	None	G2	S2.1		
Navarretia ojaiensis	Ojai navarretia	specific area	Presumed Extant	None	None	G2	S2	1B.1	
Phrynosoma blainvillii	coast horned lizard	80 meters	Presumed Extant	None	None	G4	S4		SSC
Deinandra minthornii	Santa Susana tarplant	specific area	Presumed Extant	None	Rare	G2	S2	1B.2	
Deinandra minthornii	Santa Susana tarplant	80 meters	Presumed Extant	None	Rare	G2	S2	1B.2	
Phrynosoma blainvillii	coast horned lizard	80 meters	Presumed Extant	None	None	G4	S4		SSC
Spea hammondii	western spadefoot	80 meters	Presumed Extant	None	None	G2G3	S3S4		SSC
California Walnut Woodland	California Walnut Woodland	specific area	Presumed Extant	None	None	G2	S2.1		
Catostomus santaanae	Santa Ana sucker	non-specific area	Presumed Extant	Threatened	None	G1	S1		
Southern California Threespine Stickleback Stream	Southern California Threespine Stickleback Stream	specific area	Presumed Extant	None	None	GNR	SNR		
Anniella spp.	California legless lizard	non-specific area	Presumed Extant	None	None	G3G4	S3S4		SSC
Astragalus brauntonii	Braunton's milk-vetch	specific area	Presumed Extant	Endangered	None	G2	S2	1B.1	
Deinandra minthornii	Santa Susana tarplant	80 meters	Presumed Extant	None	Rare	G2	S2	1B.2	
Southern Riparian Scrub	Southern Riparian Scrub	specific area	Presumed Extant	None	None	G3	S3.2		
Southern Sycamore Alder Riparian Woodland	Southern Sycamore Alder Riparian Woodland	specific area	Extirpated	None	None	G4	S4		
Astragalus brauntonii	Braunton's milk-vetch	specific area	Presumed Extant	Endangered	None	G2	S2	1B.1	
Pseudognaphalium leucocephalum	white rabbit-tobacco	80 meters	Presumed Extant	None	None	G4	S2	2B.2	
Spea hammondii	western spadefoot	80 meters	Presumed Extant	None	None	G2G3	S3S4		SSC
California Walnut Woodland	California Walnut Woodland	specific area	Presumed Extant	None	None	G2	S2.1		
Bombus crotchii	Crotch bumble bee	specific area	Presumed Extant	None	Candidate Endangered	G2	S2		
Calochortus clavatus var. gracilis	slender mariposa-lily	specific area	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
Pentachaeta lyonii	Lyon's pentachaeta	specific area	Presumed Extant	Endangered	Endangered	G1	S1	1B.1	
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	specific area	Presumed Extant	None	None	G4	S4		
Macrotus californicus	California leaf-nosed bat	1 mile	Extirpated	None	None	G3G4	S3		SSC
Emys marmorata	western pond turtle	non-specific area	Presumed Extant	None	None	G3G4	S3		SSC
Chorizanthe parryi var. fernandina	San Fernando Valley spineflower	specific area	Presumed Extant	None	Endangered	G2T1	S1	1B.1	
Anaxyrus californicus	arroyo toad	non-specific area	Possibly Extirpated	Endangered	None	G2G3	S2		SSC
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	specific area	Presumed Extant	None	None	G4	S4		
Nolina cismontana	chaparral nolina	specific area	Presumed Extant	None	None	G3	S3	1B.2	
Calochortus plummerae	Plummer's mariposa-lily	80 meters	Presumed Extant	None	None	G4	S4	4.2	

**ATTACHMENT A**

**CALIFORNIA NATURAL DIVERSITY DATA BASE ELEMENT OCCURRENCES WITHIN 10 MILES OF THE SURVEY AREA**

Scientific_Name	Common_Name	Accuracy	Presence	Federal_Status	State_Status	Global Rank	State Rank	Rare Plant Rank	CDFW Status
Harpagonella palmeri	Palmer's grapplehook	5 miles	Presumed Extant	None	None	G4	S3	4.2	
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	specific area	Presumed Extant	None	None	G4	S4		
Calochortus clavatus var. gracilis	slender mariposa-lily	specific area	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
Calochortus clavatus var. gracilis	slender mariposa-lily	specific area	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
Neotoma lepida intermedia	San Diego desert woodrat	80 meters	Presumed Extant	None	None	G5T3T4	S3S4		SSC
Aspidoscelis tigris stejnegeri	coastal whiptail	80 meters	Presumed Extant	None	None	G5T5	S3		SSC
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	specific area	Presumed Extant	None	None	G4	S4		
Salvadora hexalepis virgultea	coast patch-nosed snake	80 meters	Presumed Extant	None	None	G5T4	S3		SSC
Chorizanthe parryi var. fernandina	San Fernando Valley spineflower	specific area	Presumed Extant	None	Endangered	G2T1	S1	1B.1	
Chorizanthe parryi var. fernandina	San Fernando Valley spineflower	specific area	Presumed Extant	None	Endangered	G2T1	S1	1B.1	
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	specific area	Presumed Extant	None	None	G4	S4		
Vireo bellii pusillus	least Bell's vireo	non-specific area	Presumed Extant	Endangered	Endangered	G5T2	S3		
Taricha torosa	Coast Range newt	80 meters	Presumed Extant	None	None	G4	S4		SSC
Southern Willow Scrub	Southern Willow Scrub	specific area	Presumed Extant	None	None	G3	S2.1		
Spea hammondii	western spadefoot	80 meters	Presumed Extant	None	None	G2G3	S3S4		SSC
Calochortus clavatus var. gracilis	slender mariposa-lily	specific area	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
Southern Riparian Scrub	Southern Riparian Scrub	specific area	Presumed Extant	None	None	G3	S3.2		
Polioptila californica californica	coastal California gnatcatcher	1/10 mile	Presumed Extant	Threatened	None	G4G5T3Q	S2		SSC
Calochortus plummerae	Plummer's mariposa-lily	specific area	Presumed Extant	None	None	G4	S4	4.2	
Deinandra minthornii	Santa Susana tarplant	specific area	Presumed Extant	None	Rare	G2	S2	1B.2	
Lupinus paynei	Payne's bush lupine	80 meters	Presumed Extant	None	None	G1Q	S1	1B.1	
Nolina cismontana	chaparral nolina	1/5 mile	Presumed Extant	None	None	G3	S3	1B.2	
Polioptila californica californica	coastal California gnatcatcher	specific area	Presumed Extant	Threatened	None	G4G5T3Q	S2		SSC
Gila orcuttii	arroyo chub	specific area	Presumed Extant	None	None	G2	S2		SSC
Navarretia ojaiensis	Ojai navarretia	specific area	Presumed Extant	None	None	G2	S2	1B.1	
Phrynosoma blainvillii	coast horned lizard	specific area	Presumed Extant	None	None	G4	S4		SSC
Astragalus brauntonii	Braunton's milk-vetch	specific area	Presumed Extant	Endangered	None	G2	S2	1B.1	
Thamnophis hammondii	two-striped gartersnake	80 meters	Presumed Extant	None	None	G4	S3S4		SSC
California Walnut Woodland	California Walnut Woodland	specific area	Presumed Extant	None	None	G2	S2.1		
California Walnut Woodland	California Walnut Woodland	specific area	Presumed Extant	None	None	G2	S2.1		
Navarretia ojaiensis	Ojai navarretia	specific area	Presumed Extant	None	None	G2	S2	1B.1	
Southern Mixed Riparian Forest	Southern Mixed Riparian Forest	specific area	Presumed Extant	None	None	G2	S2.1		
Deinandra minthornii	Santa Susana tarplant	80 meters	Presumed Extant	None	Rare	G2	S2	1B.2	
Anniella spp.	California legless lizard	specific area	Presumed Extant	None	None	G3G4	S3S4		SSC
Spea hammondii	western spadefoot	80 meters	Presumed Extant	None	None	G2G3	S3S4		SSC
Polioptila californica californica	coastal California gnatcatcher	80 meters	Presumed Extant	Threatened	None	G4G5T3Q	S2		SSC
Calochortus clavatus var. gracilis	slender mariposa-lily	specific area	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
Athene cucularia	burrowing owl	80 meters	Presumed Extant	None	None	G4	S2		SSC
Calochortus plummerae	Plummer's mariposa-lily	specific area	Presumed Extant	None	None	G4	S4	4.2	
Bombus pensylvanicus	American bumble bee	1 mile	Presumed Extant	None	None	G3G4	S2		
Astragalus brauntonii	Braunton's milk-vetch	specific area	Presumed Extant	Endangered	None	G2	S2	1B.1	
Astragalus brauntonii	Braunton's milk-vetch	specific area	Presumed Extant	Endangered	None	G2	S2	1B.1	
Athene cucularia	burrowing owl	80 meters	Presumed Extant	None	None	G4	S2		SSC
Deinandra minthornii	Santa Susana tarplant	specific area	Presumed Extant	None	Rare	G2	S2	1B.2	
Phrynosoma blainvillii	coast horned lizard	80 meters	Presumed Extant	None	None	G4	S4		SSC
Polioptila californica californica	coastal California gnatcatcher	80 meters	Presumed Extant	Threatened	None	G4G5T3Q	S2		SSC
Aspidoscelis tigris stejnegeri	coastal whiptail	80 meters	Presumed Extant	None	None	G5T5	S3		SSC
Thamnophis hammondii	two-striped gartersnake	specific area	Presumed Extant	None	None	G4	S3S4		SSC
Calochortus plummerae	Plummer's mariposa-lily	specific area	Presumed Extant	None	None	G4	S4	4.2	
Valley Oak Woodland	Valley Oak Woodland	specific area	Presumed Extant	None	None	G3	S2.1		
Calochortus clavatus var. gracilis	slender mariposa-lily	specific area	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
Calochortus clavatus var. gracilis	slender mariposa-lily	specific area	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
Chorizanthe parryi var. fernandina	San Fernando Valley spineflower	specific area	Presumed Extant	None	Endangered	G2T1	S1	1B.1	
Valley Oak Woodland	Valley Oak Woodland	specific area	Presumed Extant	None	None	G3	S2.1		

**ATTACHMENT A**

**CALIFORNIA NATURAL DIVERSITY DATA BASE ELEMENT OCCURRENCES WITHIN 10 MILES OF THE SURVEY AREA**

Scientific_Name	Common_Name	Accuracy	Presence	Federal_Status	State_Status	Global Rank	State Rank	Rare Plant Rank	CDFW Status
Phrynosoma blainvillii	coast horned lizard	1 mile	Presumed Extant	None	None	G4	S4		SSC
Antrozous pallidus	pallid bat	1/5 mile	Presumed Extant	None	None	G4	S3		SSC
Astragalus brauntonii	Braunton's milk-vetch	specific area	Presumed Extant	Endangered	None	G2	S2	1B.1	
Accipiter cooperii	Cooper's hawk	1 mile	Presumed Extant	None	None	G5	S4		WL
Aimophila ruficeps canescens	southern California rufous-crowned sparrow	1/5 mile	Presumed Extant	None	None	G5T3	S4		WL
Calochortus clavatus var. gracilis	slender mariposa-lily	80 meters	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
Calochortus clavatus var. gracilis	slender mariposa-lily	specific area	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
Bombus pensylvanicus	American bumble bee	1 mile	Presumed Extant	None	None	G3G4	S2		
Spea hammondii	western spadefoot	specific area	Presumed Extant	None	None	G2G3	S3S4		SSC
Spea hammondii	western spadefoot	specific area	Presumed Extant	None	None	G2G3	S3S4		SSC
Polioptila californica californica	coastal California gnatcatcher	80 meters	Presumed Extant	Threatened	None	G4G5T3Q	S2		SSC
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	specific area	Presumed Extant	None	None	G4	S4		
Taricha torosa	Coast Range newt	80 meters	Presumed Extant	None	None	G4	S4		SSC
Horkelia cuneata var. puberula	mesa horkelia	non-specific area	Presumed Extant	None	None	G4T1	S1	1B.1	
Navarretia ojaiensis	Ojai navarretia	specific area	Presumed Extant	None	None	G2	S2	1B.1	
Calochortus clavatus var. gracilis	slender mariposa-lily	specific area	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
Calochortus plummerae	Plummer's mariposa-lily	80 meters	Presumed Extant	None	None	G4	S4	4.2	
Anniella spp.	California legless lizard	80 meters	Presumed Extant	None	None	G3G4	S3S4		SSC
Phrynosoma blainvillii	coast horned lizard	80 meters	Presumed Extant	None	None	G4	S4		SSC
Spea hammondii	western spadefoot	specific area	Presumed Extant	None	None	G2G3	S3S4		SSC
Polioptila californica californica	coastal California gnatcatcher	specific area	Presumed Extant	Threatened	None	G4G5T3Q	S2		SSC
Deinandra minthornii	Santa Susana tarplant	80 meters	Presumed Extant	None	Rare	G2	S2	1B.2	
Polioptila californica californica	coastal California gnatcatcher	specific area	Presumed Extant	Threatened	None	G4G5T3Q	S2		SSC
Valley Oak Woodland	Valley Oak Woodland	specific area	Presumed Extant	None	None	G3	S2.1		
California Walnut Woodland	California Walnut Woodland	specific area	Presumed Extant	None	None	G2	S2.1		
Calochortus clavatus var. gracilis	slender mariposa-lily	80 meters	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
Southern Riparian Scrub	Southern Riparian Scrub	specific area	Presumed Extant	None	None	G3	S3.2		
Polioptila californica californica	coastal California gnatcatcher	80 meters	Presumed Extant	Threatened	None	G4G5T3Q	S2		SSC
Nolina cismontana	chaparral nolina	specific area	Presumed Extant	None	None	G3	S3	1B.2	
Athene cucularia	burrowing owl	non-specific area	Presumed Extant	None	None	G4	S2		SSC
Anniella spp.	California legless lizard	1/10 mile	Presumed Extant	None	None	G3G4	S3S4		SSC
Vireo bellii pusillus	least Bell's vireo	specific area	Presumed Extant	Endangered	Endangered	G5T2	S3		
Anniella spp.	California legless lizard	1/5 mile	Presumed Extant	None	None	G3G4	S3S4		SSC
Bombus pensylvanicus	American bumble bee	1 mile	Presumed Extant	None	None	G3G4	S2		
Calochortus plummerae	Plummer's mariposa-lily	specific area	Presumed Extant	None	None	G4	S4	4.2	
Spea hammondii	western spadefoot	80 meters	Presumed Extant	None	None	G2G3	S3S4		SSC
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	specific area	Presumed Extant	None	None	G4	S4		
Calochortus plummerae	Plummer's mariposa-lily	non-specific area	Presumed Extant	None	None	G4	S4	4.2	
Lupinus paynei	Payne's bush lupine	specific area	Presumed Extant	None	None	G1Q	S1	1B.1	
Calochortus clavatus var. gracilis	slender mariposa-lily	specific area	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
Polioptila californica californica	coastal California gnatcatcher	specific area	Presumed Extant	Threatened	None	G4G5T3Q	S2		SSC
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	specific area	Extirpated	None	None	G4	S4		
Deinandra minthornii	Santa Susana tarplant	non-specific area	Presumed Extant	None	Rare	G2	S2	1B.2	
Dudleya blochmaniae ssp. blochmaniae	Blochman's dudleya	1 mile	Presumed Extant	None	None	G3T2	S2	1B.1	
Astragalus brauntonii	Braunton's milk-vetch	specific area	Presumed Extant	Endangered	None	G2	S2	1B.1	
Southern Willow Scrub	Southern Willow Scrub	specific area	Presumed Extant	None	None	G3	S2.1		
Astragalus brauntonii	Braunton's milk-vetch	non-specific area	Presumed Extant	Endangered	None	G2	S2	1B.1	
Emys marmorata	western pond turtle	80 meters	Presumed Extant	None	None	G3G4	S3		SSC
Calochortus clavatus var. gracilis	slender mariposa-lily	specific area	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
Bombus crotchii	Crotch bumble bee	80 meters	Presumed Extant	None	Candidate Endangered	G2	S2		
California Walnut Woodland	California Walnut Woodland	1/5 mile	Presumed Extant	None	None	G2	S2.1		
Catostomus santaanae	Santa Ana sucker	non-specific area	Presumed Extant	Threatened	None	G1	S1		
Southern Riparian Scrub	Southern Riparian Scrub	specific area	Presumed Extant	None	None	G3	S3.2		
Valley Oak Woodland	Valley Oak Woodland	specific area	Presumed Extant	None	None	G3	S2.1		

**ATTACHMENT A**

**CALIFORNIA NATURAL DIVERSITY DATA BASE ELEMENT OCCURRENCES WITHIN 10 MILES OF THE SURVEY AREA**

Scientific_Name	Common_Name	Accuracy	Presence	Federal_Status	State_Status	Global Rank	State Rank	Rare Plant Rank	CDFW Status
Arizona elegans occidentalis	California glossy snake	non-specific area	Presumed Extant	None	None	G5T2	S2		SSC
Pentachaeta lyonii	Lyon's pentachaeta	specific area	Presumed Extant	Endangered	Endangered	G1	S1	1B.1	
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	specific area	Presumed Extant	None	None	G4	S4		
Astragalus brauntonii	Braunton's milk-vetch	specific area	Presumed Extant	Endangered	None	G2	S2	1B.1	
Calochortus clavatus var. gracilis	slender mariposa-lily	specific area	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
Eumops perotis californicus	western mastiff bat	1/5 mile	Presumed Extant	None	None	G4G5T4	S3S4		SSC
Neotoma lepida intermedia	San Diego desert woodrat	80 meters	Presumed Extant	None	None	G5T3T4	S3S4		SSC
Calochortus clavatus var. gracilis	slender mariposa-lily	specific area	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
Valley Oak Woodland	Valley Oak Woodland	specific area	Presumed Extant	None	None	G3	S2.1		
Euderma maculatum	spotted bat	1 mile	Presumed Extant	None	None	G4	S3		SSC
Calochortus fimbriatus	late-flowered mariposa-lily	specific area	Presumed Extant	None	None	G3	S3	1B.3	
Poliophtila californica californica	coastal California gnatcatcher	80 meters	Presumed Extant	Threatened	None	G4G5T3Q	S2		SSC
Emys marmorata	western pond turtle	80 meters	Presumed Extant	None	None	G3G4	S3		SSC
Spea hammondii	western spadefoot	specific area	Presumed Extant	None	None	G2G3	S3S4		SSC
Chorizanthe parryi var. fernandina	San Fernando Valley spineflower	specific area	Presumed Extant	None	Endangered	G2T1	S1	1B.1	
Calochortus clavatus var. gracilis	slender mariposa-lily	specific area	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
Astragalus brauntonii	Braunton's milk-vetch	3/5 mile	Presumed Extant	Endangered	None	G2	S2	1B.1	
Lupinus paynei	Payne's bush lupine	80 meters	Presumed Extant	None	None	G1Q	S1	1B.1	
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	specific area	Presumed Extant	None	None	G4	S4		
Vireo bellii pusillus	least Bell's vireo	2/5 mile	Presumed Extant	Endangered	Endangered	G5T2	S3		
Pseudognaphalium leucocephalum	white rabbit-tobacco	non-specific area	Presumed Extant	None	None	G4	S2	2B.2	
Emys marmorata	western pond turtle	80 meters	Presumed Extant	None	None	G3G4	S3		SSC
Chorizanthe parryi var. fernandina	San Fernando Valley spineflower	1 mile	Possibly Extirpated	None	Endangered	G2T1	S1	1B.1	
Dudleya parva	Conejo dudleya	specific area	Presumed Extant	Threatened	None	G1	S1	1B.2	
Horkelia cuneata var. puberula	mesa horkelia	80 meters	Presumed Extant	None	None	G4T1	S1	1B.1	
Poliophtila californica californica	coastal California gnatcatcher	specific area	Presumed Extant	Threatened	None	G4G5T3Q	S2		SSC
Nolina cismontana	chaparral nolina	specific area	Presumed Extant	None	None	G3	S3	1B.2	
Deinandra minthornii	Santa Susana tarplant	specific area	Presumed Extant	None	Rare	G2	S2	1B.2	
Macrotus californicus	California leaf-nosed bat	3/5 mile	Possibly Extirpated	None	None	G3G4	S3		SSC
Pseudognaphalium leucocephalum	white rabbit-tobacco	2/5 mile	Presumed Extant	None	None	G4	S2	2B.2	
Anniella spp.	California legless lizard	80 meters	Presumed Extant	None	None	G3G4	S3S4		SSC
Vireo bellii pusillus	least Bell's vireo	80 meters	Presumed Extant	Endangered	Endangered	G5T2	S3		
Thamnophis hammondii	two-striped gartersnake	non-specific area	Presumed Extant	None	None	G4	S3S4		SSC
Spea hammondii	western spadefoot	80 meters	Presumed Extant	None	None	G2G3	S3S4		SSC
Icteria virens	yellow-breasted chat	1 mile	Presumed Extant	None	None	G5	S4		SSC
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	specific area	Presumed Extant	None	None	G4	S4		
Calochortus plummerae	Plummer's mariposa-lily	specific area	Presumed Extant	None	None	G4	S4	4.2	
Southern Cottonwood Willow Riparian Forest	Southern Cottonwood Willow Riparian Forest	specific area	Presumed Extant	None	None	G3	S3.2		
Helianthus inexpectatus	Newhall sunflower	specific area	Presumed Extant	None	None	G1	S1	1B.1	
Cismontane Alkali Marsh	Cismontane Alkali Marsh	specific area	Presumed Extant	None	None	G1	S1.1		
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	specific area	Presumed Extant	None	None	G4	S4		
Anniella spp.	California legless lizard	1/10 mile	Presumed Extant	None	None	G3G4	S3S4		SSC
Lupinus paynei	Payne's bush lupine	80 meters	Presumed Extant	None	None	G1Q	S1	1B.1	
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	specific area	Presumed Extant	None	None	G4	S4		
California Walnut Woodland	California Walnut Woodland	specific area	Extirpated	None	None	G2	S2.1		
Astragalus brauntonii	Braunton's milk-vetch	non-specific area	Presumed Extant	Endangered	None	G2	S2	1B.1	
Spea hammondii	western spadefoot	80 meters	Presumed Extant	None	None	G2G3	S3S4		SSC
California Walnut Woodland	California Walnut Woodland	specific area	Presumed Extant	None	None	G2	S2.1		
Deinandra minthornii	Santa Susana tarplant	1/5 mile	Presumed Extant	None	Rare	G2	S2	1B.2	
Bombus crotchii	Crotch bumble bee	1/5 mile	Presumed Extant	None	Candidate Endangered	G2	S2		
Emys marmorata	western pond turtle	80 meters	Presumed Extant	None	None	G3G4	S3		SSC
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	specific area	Presumed Extant	None	None	G4	S4		
Vireo bellii pusillus	least Bell's vireo	1 mile	Presumed Extant	Endangered	Endangered	G5T2	S3		
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	specific area	Presumed Extant	None	None	G4	S4		

**ATTACHMENT A**

**CALIFORNIA NATURAL DIVERSITY DATA BASE ELEMENT OCCURRENCES WITHIN 10 MILES OF THE SURVEY AREA**

Scientific_Name	Common_Name	Accuracy	Presence	Federal_Status	State_Status	Global Rank	State Rank	Rare Plant Rank	CDFW Status
Deinandra minthornii	Santa Susana tarplant	80 meters	Presumed Extant	None	Rare	G2	S2	1B.2	
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	specific area	Presumed Extant	None	None	G4	S4		
Anniella spp.	California legless lizard	2/5 mile	Presumed Extant	None	None	G3G4	S3S4		SSC
Pseudognaphalium leucocephalum	white rabbit-tobacco	80 meters	Presumed Extant	None	None	G4	S2	2B.2	
Chorizanthe parryi var. fernandina	San Fernando Valley spineflower	specific area	Presumed Extant	None	Endangered	G2T1	S1	1B.1	
Polioptila californica californica	coastal California gnatcatcher	specific area	Presumed Extant	Threatened	None	G4G5T3Q	S2		SSC
Astragalus brauntonii	Braunton's milk-vetch	80 meters	Presumed Extant	Endangered	None	G2	S2	1B.1	
Polioptila californica californica	coastal California gnatcatcher	non-specific area	Presumed Extant	Threatened	None	G4G5T3Q	S2		SSC
Calochortus plummerae	Plummer's mariposa-lily	2/5 mile	Presumed Extant	None	None	G4	S4	4.2	
Southern Cottonwood Willow Riparian Forest	Southern Cottonwood Willow Riparian Forest	specific area	Presumed Extant	None	None	G3	S3.2		
Spea hammondii	western spadefoot	specific area	Presumed Extant	None	None	G2G3	S3S4		SSC
Streptocephalus woottoni	Riverside fairy shrimp	specific area	Presumed Extant	Endangered	None	G1G2	S2		
Navarretia ojaiensis	Ojai navarretia	80 meters	Presumed Extant	None	None	G2	S2	1B.1	
Valley Needlegrass Grassland	Valley Needlegrass Grassland	specific area	Presumed Extant	None	None	G3	S3.1		
Polioptila californica californica	coastal California gnatcatcher	specific area	Presumed Extant	Threatened	None	G4G5T3Q	S2		SSC
Spea hammondii	western spadefoot	80 meters	Presumed Extant	None	None	G2G3	S3S4		SSC
Orcuttia californica	California Orcutt grass	5 miles	Presumed Extant	Endangered	Endangered	G1	S1	1B.1	
Deinandra minthornii	Santa Susana tarplant	specific area	Presumed Extant	None	Rare	G2	S2	1B.2	
California Walnut Woodland	California Walnut Woodland	specific area	Presumed Extant	None	None	G2	S2.1		
Nolina cismontana	chaparral nolina	80 meters	Presumed Extant	None	None	G3	S3	1B.2	
California Walnut Woodland	California Walnut Woodland	specific area	Presumed Extant	None	None	G2	S2.1		
Riparia riparia	bank swallow	1 mile	Extirpated	None	Threatened	G5	S3		
Southern Mixed Riparian Forest	Southern Mixed Riparian Forest	specific area	Presumed Extant	None	None	G2	S2.1		
Spea hammondii	western spadefoot	80 meters	Presumed Extant	None	None	G2G3	S3S4		SSC
Polioptila californica californica	coastal California gnatcatcher	specific area	Presumed Extant	Threatened	None	G4G5T3Q	S2		SSC
Athene cucularia	burrowing owl	80 meters	Presumed Extant	None	None	G4	S2		SSC
Calochortus clavatus var. gracilis	slender mariposa-lily	specific area	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
Emys marmorata	western pond turtle	non-specific area	Presumed Extant	None	None	G3G4	S3		SSC
Spea hammondii	western spadefoot	1/10 mile	Presumed Extant	None	None	G2G3	S3S4		SSC
Astragalus brauntonii	Braunton's milk-vetch	specific area	Presumed Extant	Endangered	None	G2	S2	1B.1	
Southern Sycamore Alder Riparian Woodland	Southern Sycamore Alder Riparian Woodland	specific area	Presumed Extant	None	None	G4	S4		
Orcuttia californica	California Orcutt grass	specific area	Presumed Extant	Endangered	Endangered	G1	S1	1B.1	
Deinandra minthornii	Santa Susana tarplant	specific area	Presumed Extant	None	Rare	G2	S2	1B.2	
Spea hammondii	western spadefoot	80 meters	Presumed Extant	None	None	G2G3	S3S4		SSC
Calochortus clavatus var. gracilis	slender mariposa-lily	specific area	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
Calochortus clavatus var. gracilis	slender mariposa-lily	specific area	Presumed Extant	None	None	G4T2T3	S2S3	1B.2	
Aspidoscelis tigris stejnegeri	coastal whiptail	specific area	Presumed Extant	None	None	G5T5	S3		SSC
Neotoma lepida intermedia	San Diego desert woodrat	80 meters	Presumed Extant	None	None	G5T3T4	S3S4		SSC
Nolina cismontana	chaparral nolina	specific area	Presumed Extant	None	None	G3	S3	1B.2	
Aspidoscelis tigris stejnegeri	coastal whiptail	80 meters	Presumed Extant	None	None	G5T5	S3		SSC
Vireo bellii pusillus	least Bell's vireo	1/10 mile	Presumed Extant	Endangered	Endangered	G5T2	S3		
Polioptila californica californica	coastal California gnatcatcher	specific area	Presumed Extant	Threatened	None	G4G5T3Q	S2		SSC
Calochortus plummerae	Plummer's mariposa-lily	specific area	Presumed Extant	None	None	G4	S4	4.2	
Bombus pensylvanicus	American bumble bee	1 mile	Presumed Extant	None	None	G3G4	S2		
Emys marmorata	western pond turtle	80 meters	Presumed Extant	None	None	G3G4	S3		SSC