

## APPENDIX B – BIOLOGICAL RESOURCES EVALUATION REPORT

April 8, 2022

Project # 04151.00004.001

12121 Foothill Boulevard Storage, LLC  
570 Lake Cook Road  
Suite 325  
Deerfield, IL 60015

**Subject: Biological Resources Evaluation Report for the 12121 Foothill Boulevard Storage Project, Community of Sylmar, City of Los Angeles, CA**

Dear Ms. Conley:

HELIX Environmental Planning, Inc. (HELIX) has prepared this biological resources evaluation report for the subject property located at 12121 Foothill Boulevard in the community of Sylmar, City of Los Angeles, California (Los Angeles County Assessor's Parcel Numbers (APNs) 2531-006-0). The project study area is the location of a vacant residential structure and junk/storage yard. The proposed project intends to construct a new 3-story self-storage facility and surface ground parking lot. The purpose of our biological resources evaluation report was to evaluate the potential for regionally occurring special-status plant and animal species or other sensitive biological habitats to occur in the project study area and/or be impacted by the proposed project. This letter report describes the methods and results of our biological resources evaluation. All referenced figures are included in Attachment A.

## PROJECT LOCATION AND DESCRIPTION

The subject property is located in the community of Sylmar in the City of Los Angeles on the south side of Interstate-210, between Van Nuys Boulevard and Terra Bella Street (Figure 1). The proposed project includes the demolition of the existing, vacant residential structure, removal of several scattered mature trees in the central area of the subject property, and removal of what appears to be an informal storage yard.

A zone variance has been requested to permit a new, 139,634 gross square-foot (SF), 3-story self-storage facility and surface ground parking lot with 27 parking spaces. With applicable building exemptions, the storage building would be approximately 101,300 net SF. The provided landscape area would be approximately 18,036SF; the provided hardscape area would be approximately 66,005 SF. The proposed project would support 27 parking spaces, along with 14 short-term and 14 long-term bicycle spaces. The project study area is approximately 2.0 acres and is located within the U.S. Geological Survey 7.5 San Fernando Quad, Ex Mission de San Fernando Land Grant, California quadrangle topological map. The approximate center of the property is at latitude 34.279289 and longitude - 118.399474, NAD 83 (Figure 2).

Figure 3 is the approximate Study Area boundary depicted on aerial imagery.

## **METHODS**

Biological resource studies conducted in support of this report included a special-status species evaluation and a biological reconnaissance survey.

### **Special-Status Species Evaluation**

Regulations pertaining to the protection of biological resources at the project site are summarized in Attachment B. For the purposes of this report, special-status species are those that fall into one or more of the following categories, including those:

- listed as endangered or threatened under the Federal Endangered Species Act (FESA; including candidates and species proposed for listing);
- listed as endangered or threatened under the California Endangered Species Act (CESA; including candidates and species proposed for listing);
- designated as rare, protected, or fully protected pursuant to California Fish and Game Code;
- designated a Species of Special Concern (SSC) by the California Department of Fish and Wildlife (CDFW);
- considered by CDFW to be a Watch List species with potential to become an SSC;
- defined as rare or endangered under Section 15380 of the California Environmental Quality Act (CEQA); or,
- Having a California Rare Plant Rank (CRPR) of 1A, 1B, 2A, 2B, or 3.

In order to evaluate special-status species and/or their habitats with the potential to occur in the project site and/or be impacted by the proposed project, HELIX obtained lists of special-status species known to occur and/or having the potential to occur in the project study area and vicinity from the U.S. Fish and Wildlife Service (USFWS; USFWS 2022), the California Native Plant Society (CNPS; CNPS 2022), and the California Natural Diversity Database (CNDDDB; CDFW 2022). Attachment C includes these lists of special-status plant and animal species occurring in the project region. The potential for these regionally occurring special-status species to occur in the project site is presented in Attachment D.

### **Reconnaissance Survey**

A biological reconnaissance survey was conducted on February 5, 2022, by Stephanie McLaughlin, M.S., International Society of Arboriculture (ISA) Certified Arborist (WE-12922A), between approximately 1100 and 1330 hours. The project study area was systematically surveyed on foot to ensure total search coverage. Plant and animal species observed onsite during the surveys were recorded (see Attachment E), and biological communities occurring onsite were characterized. Following the field survey, the potential for each species identified in the database query to occur within the project study area was determined based on the site survey, soils, habitats present within the project study area, and species-specific information, as shown in Attachment D.

## RESULTS

### Environmental Setting

The project study area is located within an industrial and residential area in the unincorporated community of Sylmar in the City of Los Angeles. The project study area is generally bordered by residential parcels to the south and industrial development to the east and west. The Interstate-210 freeway abuts the northern boundary of the project study area. The berm leading from the project study area up to the freeway contains disturbed coastal sage scrub habitat dominated by California buckwheat (*Eriogonum fasciculatum*) and California sagebrush (*Artemisia californica*) with scattered non-native grasses and forbs. The berm has a significant amount of trash and debris and provides limited habitat value.

### Study Area Conditions

The project study area is currently the location of a vacant residential structure, equipment staging area, and informal storage yard. The project study area has functioned as a staging area and informal storage yard since at least 2007. Historic aerial imagery indicates that prior to construction of the current uses, the project study area was an open area of annual grassland habitat. The surrounding industrial and residential buildings were constructed between 1982 and 1985.

### Habitat Types/Vegetation Communities

Habitat types/vegetation communities on the site consists entirely of developed/disturbed habitat. Habitats and land covers are depicted on Figure 4. A list of species observed during the biological reconnaissance survey is included in Attachment E. Representative site photographs are included as Attachment F.

#### Developed/Disturbed

Developed/Disturbed areas in the project study area includes a vacant residential structure, equipment staging area, and informal storage yard. The project study area is entirely surrounded by a chain-link fence and much of the ground is paved or graveled. The vacant house is located in the southwestern corner of the project study area and is surrounded by ornamental landscaping, including rose bushes (*Rosa* sp.), common honeysuckle (*Lonicera caprifolium*), and crape myrtle (*Lagerstroemia indica*). The remainder of the project study area contains construction debris, abandoned equipment, and staged construction materials, including scaffolding and large trucks. There are several mature trees in the project study area, primarily along the borders of the site; species include Mexican elderberry (*Sambucus mexicana*), coast live oak (*Quercus agrifolia*), California ash (*Fraxinus dipetala*), avocado (*Persea americana*), golden raintree (*Koelreuteria paniculata*), and southern magnolia (*Magnolia grandiflora*). The remaining vegetation in the project study area consists of a mix of non-native grasses and forbs, including common wild oat (*Avena fatua*), Bermuda grass (*Cynodon dactylon*), tree tobacco (*Nicotiana glauca*), opposite-leafed Russian thistle (*Salsola soda*), and medusahead grass (*Elymus caput-medusae*). Developed habitat comprises the entire 2.0-acre project study area.

## Topography

The project study area is almost entirely flat, elevation on the project site ranges from approximately 1,151 to 1,157 feet above mean sea level, with a gentle slope to the southeast.

## Soils

The entire project study area is mapped as Urban land-Palmview-Tujunga, gravelly complex, 2 to 9 percent slopes (NRCS 2022).

Urban land-Palmview-Tujunga, gravelly complex soils occur on alluvial fans and consist of discontinuous human-transported material over alluvium derived from granite. A typical profile is loamy sand from 0 to 6 inches, gravelly loamy sand from 6 to 9 inches, gravelly sand from 9 to 30 inches and gravelly sand from 30 to 79 inches; the depth to water table is greater than 80 inches. Urban land-Palmview-Tujunga, gravelly complex soil is not on the National Hydric Soils List for Los Angeles County (NRCS 2015).

## Hydrology

The project study area is located within the Tujunga Wash-Los Angeles River hydrologic unit (HUC12: 180701050208). Waterways in the region of the project study area drain into Tujunga Wash and eventually the Los Angeles River. National Wetland Inventory (NWI) mapping based on 1984 aerial imagery shows no aquatic features on the project site and no aquatic features were noted in the project study area during the biological reconnaissance survey.

## Special-Status Species Evaluation

A total of 13 regionally occurring special-status plant species and 22 regionally occurring special-status wildlife species were identified during the database queries and desktop review and are evaluated in Attachment D.

### Special-Status Plant Species

A total of 13 regionally occurring special-status plant species were identified during the database queries and desktop review. Many of the special-status plant species are associated with aquatic habitats, including vernal pools, seeps, marshes, riparian areas, and/or meadows. The remaining species are associated with grasslands, chaparral, cismontane woodlands, rocky slopes, cliffs, and/or woodlands.

There is currently no suitable habitat for special-status plant species on the project site and there have been no reported occurrences of special-status plant species on or adjacent to the project site in the California Natural Diversity Database (CNDDDB). The site is vegetated with ruderal vegetation and has been disturbed to the point where no native or naturalized vegetation communities are present.

### Special-Status Wildlife Species

A total of 22 regionally occurring special-status wildlife species were identified during the database searches and desktop review. Many of the special-status wildlife species are associated with aquatic

habitats, such as rivers, sloughs, and freshwater wetlands, including vernal pools. The remaining species are associated with scrub, chaparral, grasslands, woodland, and cliff habitat, or have specific food species requirements that were not found in the project study area.

There have been no reported occurrences of special-status wildlife species on or adjacent to the project site in the CNDDDB. The site is vegetated with ruderal vegetation and has been heavily disturbed. There is currently no suitable habitat for any special-status wildlife species in the project study area. Species determined to have no potential to occur on the project site or be impacted by the proposed project (Attachment D) are not discussed further in this report.

## **Migratory Birds and Raptors**

As noted in Attachment B, migratory and non-game birds are protected during the nesting season by California Fish and Game Code. The project site and immediate vicinity provides potential nesting and foraging habitat for a variety of native birds common to urbanized areas, such as mourning dove (*Zenaida macroura*), house finch (*Haemorhous mexicanus*), and California towhee (*Melospiza crissalis*). Nests were not observed during surveys; however, a variety of migratory birds have the potential to nest in and adjacent to the project site, in trees, shrubs and on the ground in vegetation.

Project activities such as clearing and grubbing during the avian breeding season (defined as February 1 through August 31) could result in potential injury or mortality of eggs and chicks directly through destruction or indirectly through forced nest abandonment due to construction noise or other disturbance. Needless destruction of nests, eggs, and chicks would be a violation of the California Fish and Game Code and a significant impact.

The recommended mitigation measures for nesting migratory birds and raptors in the following section would reduce potential impacts to this species to less than significant.

## **Sensitive Natural Communities**

Natural communities are defined by one or more characteristic plant species, and the species communities in the majority of the project study area are not considered characteristic of a sensitive natural community. Due to the disturbed nature of the project study area and the general lack in abundance of native plant species, there are no terrestrial or aquatic sensitive natural communities on the subject property.

## **Protected Trees**

The City of Los Angeles Protected Tree Ordinance (Chapter IV, Article, 6 of the Los Angeles Municipal Code) regulates the relocation or removal of all Southern California native oak (*Quercus* sp.) trees (excluding scrub oak), Southern California black walnut (*Juglans californica*), western sycamore (*Platanus racemosa*), California bay laurel (*Umbellularia californica*), Mexican elderberry (*Sambucus mexicana*), and toyon (*Heteromeles arbutifolia*). These tree species are defined as “protected” by the City of Los Angeles. Trees that have been planted as part of a tree planting program are exempt from this Ordinance and are not considered protected.

An inventory of the protected trees located in the project study area was conducted on July 20, 2021. The tree inventory report, authored by Seven Elk Ranch Design, Inc., is included as Attachment G. The project site and immediate vicinity contains a total of 14 protected species (eight coast live oak trees and six Mexican elderberry shrubs). It is anticipated that two of the protected trees would require removal to construct the project as proposed.

The recommended mitigation measures for protected trees in the following section would reduce potential impacts to this species to less than significant.

## **RECOMMENDED MITIGATION MEASURES**

### **Nesting Migratory Birds and Raptors**

- Proposed project activities (including disturbances to native and non-native vegetation, structures and substrates) should take place outside of the breeding bird season which generally runs from February 1- August 31 to avoid take (including disturbances which would cause abandonment of active nests containing eggs and/or young). Take means to hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture or kill (California Fish and Game Code Section 86).

If project activities cannot feasibly avoid the breeding bird season, beginning thirty days prior to the disturbance of suitable nesting habitat, the applicant shall:

- a) Arrange for weekly bird surveys to detect any protected native birds in the habitat to be removed and any other such habitat within 300 feet of the construction work area (within 500 feet for raptors) as access to adjacent areas allows. The surveys shall be conducted by a Qualified Biologist with experience in conducting breeding bird surveys. The surveys shall continue on a weekly basis with the last survey being conducted no more than three days prior to the initiation of clearance/construction work.
- b) If a protected native bird is found, the applicant shall delay all clearance/construction disturbance activities within 300 feet of suitable nesting habitat for the observed protected bird species (within 500 feet for suitable raptor nesting habitat) until August 31.
- c) Alternatively, the Qualified Biologist could continue the surveys in order to locate any nests. If an active nest is located, clearing and construction within 300 feet of the nest (within 500 feet for raptor nests) or as determined by a qualified biological monitor, shall be postponed until the nest is vacated and juveniles have fledged and when there is no evidence of a second attempt at nesting. The buffer zone from the nest shall be established in the field with flagging and stakes. Construction personnel shall be instructed on the sensitivity of the area.
- d) The applicant shall record the results of the recommended protective measures described above to document compliance with applicable State and Federal laws pertaining to the protection of native birds. Such record shall be submitted and received into the case file for the associated discretionary action permitting the project.

## Protected Trees

- Each protected tree to be removed is expected to be replaced within the property by trees of a protected variety at a ratio determined by the City or at least four specimens of a protected variety included within the definition set forth in Section 17.02 of the City of Los Angeles Protected Tree Ordinance. Civil and Landscape plans show that the Project would remove two trees, but these trees would be replaced at a 4 to 1 ratio between the building and the freeway (i.e., eight new trees) or as determined by the Urban Forestry Division.

## SUMMARY/CONCLUSIONS:

### Study Area Conditions

The property at 12121 Foothill Boulevard, Sylmar is in a disturbed condition and supports no sensitive natural communities or sensitive terrestrial biological resources. Biological communities in the project study area consists of developed/disturbed habitat. Much of the vegetation on the property consists of ruderal species, almost all of which are non-native.

### Special-Status Species

The project study area and adjacent sites provide marginal habitat for nesting migratory birds and raptors. Implementation of the recommended mitigation measures for nesting bird surveys would reduce the potential for project impacts to common migratory birds and raptors.

The property does not provide suitable habitat for any other regionally occurring special-status plant or animal species, and no additional species have the potential to occur on the property or be impacted by the proposed project.

### Migratory Birds

There is potential for common native birds to nest on the property or on adjacent properties where project activities could result in stress leading to nest failure. Implementation of the recommended mitigation measure for nesting bird surveys would reduce the potential for project impacts to nesting birds to less than significant.

### Protected Trees

The parcel and immediate vicinity contained a total of 14 trees protected by the City of Los Angeles. It is anticipated that three of the protected trees will require removal to construct the project as proposed. Implementation of the recommended mitigation measure for protected trees would reduce the potential for project impacts to protected trees to less than significant.



Letter to Ms. Margo Conley  
April 8, 2022

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We appreciate the opportunity to assist you on this project. Feel free to contact us with any questions at (916) 365-8700.

Sincerely,



Robert Edgerton, AICP CEP  
Principal Planner



Stephen Stringer, M.S.  
Principal Biologist

Attachments:

- A – Figures
- B – Regulatory Context
- C – Database Query Results
- D – Potential for Regionally Occurring Special-status Species to Occur on the Project Site
- E – Species Observed on the Project Site
- F – Site Photos
- G – Arborist Report

## References

California Department of Fish and Wildlife (CDFW). 2022. California Natural Diversity Database (CNDDDB); For: San Fernando and Sunland USGS 7.5-minute series quadrangles, Sacramento, CA. Accessed [February 9, 2022].

California Native Plant Society (CNPS). 2022. Inventory of Rare and Endangered Plants (online edition, v8-03 0.39) For: San Fernando and Sunland USGS 7.5-minute series quadrangles, Sacramento, CA. Accessed [February 9, 2022].

Natural Resources Conservation Service (NRCS). 2015. National Hydric Soils List. December 2015. Available on-line at: <https://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/use/hydric/>.

2022. Web Soil Survey. Available online at: <https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx>. Accessed February 9, 2022.

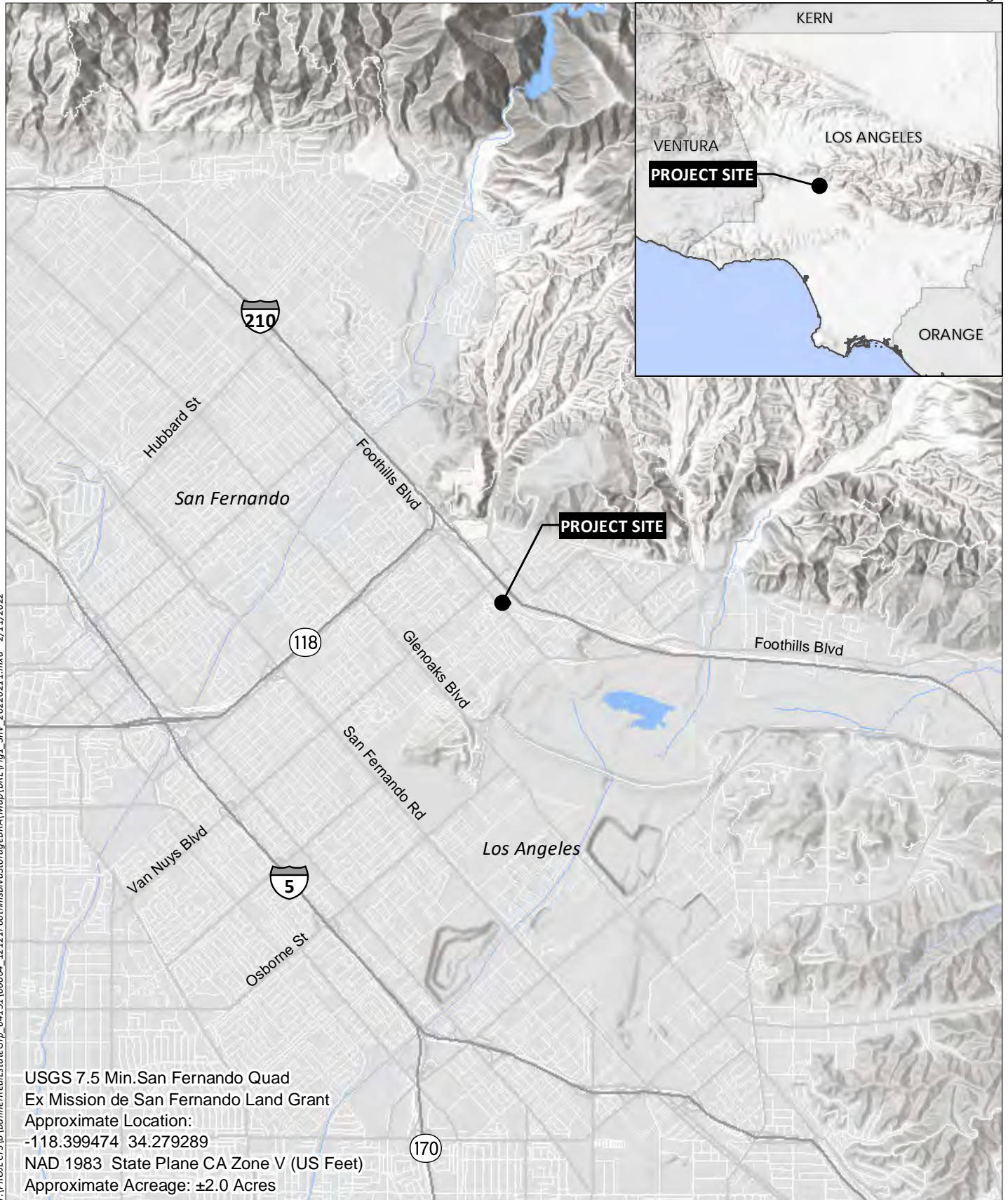
U.S. Fish and Wildlife Service (USFWS). 2022. Information for Planning and Consultation (IPaC). List of threatened and endangered species that may occur in your proposed project location and/or be affected by your proposed project.

Zeiner, D.C., W.F. Laudenslayer, Jr., K.E. Mayer, and M. White, eds. 1988-1990. California's Wildlife. Vol. I-III. California Depart. of Fish and Game, Sacramento, California.

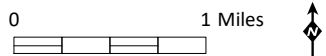
# Attachment A

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Figures



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Source: Base Map Layers (Esri, USGS, NGA, NASA)



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USGS Base Map: San Fernando 7.5-minute Quadrangle  
 Ex Mission de San Fernando Land Grant  
 Longitude/ Latitude: -118.399474 34.279289

Source: USGS, The National Map, 2021




Legend

○ Study Area - 2.0 Acres



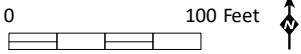
Source: Aerial (Google Earth 8/1/2021)

Legend

-  Study Area - 2.0 Acres
-  1003 - Urban land-Palmview-Tujunga, gravelly complex, 2-9% slopes
-  1003LA - Urban land-Palmview-Tujunga, gravelly complex, 2-9% slopes




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Source: NRCS, 2022; Aerial (Google Earth 8/1/2021)

Legend

 Study Area - 2.0 Acres

 Developed/Disturbed - 2.0 Acres



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Source: Aerial (Google Earth 8/1/2021)



# Attachment B

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Regulatory Context

## Regulatory Setting

Policies, regulations, and plans pertaining to the protection of biological resources in the Study Area are summarized in the following sections.

### Federal Regulations

#### Federal Endangered Species Act

The U.S. Fish and Wildlife Service (USFWS) enforces the provisions stipulated within the Federal Endangered Species Act of 1973 (FESA; 16 USC 1531 *et seq.*). Species identified as federally threatened or endangered (50 CFR 17.11, and 17.12) are protected from take, defined as direct or indirect harm, unless a Section 10 permit is granted to an entity other than a federal agency or a Biological Opinion with incidental take provisions is rendered to a federal lead agency via a Section 7 consultation. Pursuant to the requirements of FESA, an agency reviewing a proposed project within its jurisdiction must determine whether any federally-listed species may be present in the study area and determine whether the proposed project will jeopardize the continued existence of or result in the destruction or adverse modification of critical habitat of such species (16 USC 1536 (a)[3], [4]). Other federal agencies designate species of concern (species that have the potential to become listed), which are evaluated during environmental review under the National Environmental Protection Act (NEPA) or California Environmental Quality Act (CEQA) although they are not otherwise protected under FESA.

#### Migratory Bird Treaty Act

The Migratory Bird Treaty Act (MBTA) of 1918 established federal responsibilities for the protection of nearly all species of birds, their eggs, and nests. The Migratory Bird Treaty Reform Act of 2004 further defined species protected under the act and excluded all non-native species. Section 16 U.S.C. 703–712 of the Act states “unless and except as permitted by regulations, it shall be unlawful at any time, by any means or in any manner, to pursue, hunt, take, capture, kill, attempt to take, capture, or kill” a migratory bird. A migratory bird is any species or family of birds that live, reproduce or migrate within or across international borders at some point during their annual life cycle. Currently, there are 836 migratory birds protected nationwide by the Migratory Bird Treaty Act, of which 58 are legal to hunt. The U.S. Court of Appeals for the 9<sup>th</sup> Circuit (with jurisdiction over California) has ruled that the MBTA does not prohibit incidental take (952 F 2d 297 – Court of Appeals, 9<sup>th</sup> Circuit 1991).

#### Wild and Scenic Rivers Act of 1968

The National Wild and Scenic Rivers System was created by Congress in 1968 (Public Law 90-542; 16 U.S.C. 1271 *et seq.*) to preserve certain rivers with outstanding natural, cultural, and recreational values in a free-flowing condition for the enjoyment of present and future generations. The Act safeguards the special character of these rivers, while also recognizing the potential for their appropriate use and development. Rivers may be designated by Congress or the Secretary of the Interior. Each river is administered by either a federal or state agency. Designated segments need not include the entire river and may include tributaries. For federally administered rivers, the designated boundaries generally average one-quarter mile on either bank in the lower 48 states and one-half mile on rivers outside national parks in Alaska in order to protect river-related values.

## State Jurisdiction

### California Endangered Species Act

The California Endangered Species Act (CESA) (California Fish and Game Code Sections 2050 to 2097) is similar to the FESA. The California Fish and Wildlife Commission is responsible for maintaining lists of threatened and endangered species under CESA. CESA prohibits the take of listed and candidate (petitioned to be listed) species. “Take” under California law means to hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch capture, or kill (California Fish and Game Code, Section 86). The California Department of Fish and Wildlife (CDFW) can authorize take of a state-listed species under Section 2081 of the California Fish and Game Code if the take is incidental to an otherwise lawful activity, the impacts are minimized and fully mitigated, funding is ensured to implement and monitor mitigation measures, and CDFW determines that issuance would not jeopardize the continued existence of the species. A CESA permit must be obtained if a project will result in the “take” of listed species, either during construction or over the life of the project. For species listed under both FESA and CESA requiring a Biological Opinion under Section 7 of the FESA, CDFW may also authorize impacts to CESA species by issuing a Consistency Determination under Section 2080.1 of the Fish and Game Code.

### California Code of Regulations Title 14 and California Fish and Game Code

The official listing of endangered and threatened animals and plants is contained in the California Code of Regulations Title 14 §670.5. A state candidate species is one that the California Fish and Game Code has formally noticed as being under review by CDFW to include in the state list pursuant to Sections 2074.2 and 2075.5 of the California Fish and Game Code.

Legal protection is also provided for wildlife species in California that are identified as “fully protected animals.” These species are protected under Sections 3511 (birds), 4700 (mammals), 5050 (reptiles and amphibians), and 5515 (fish) of the California Fish and Game Code. These statutes prohibit take or possession of fully protected species at any time. CDFW is unable to authorize incidental take of fully protected species unless any such take authorization is issued in conjunction with the approval of a Natural Community Conservation Plan that covers the fully protected species (California Fish and Game Code Section 2835).

### California Environmental Quality Act

Under the California Environmental Quality Act of 1970 (CEQA; Public Resources Code Section 21000 *et seq.*), lead agencies analyze whether projects would have a substantial adverse effect on a candidate, sensitive, or special-status species (Public Resources Code Section 21001(c)). These “special-status” species generally include those listed under FESA and CESA, and species that are not currently protected by statute or regulation, but would be considered rare, threatened, or endangered under the criteria included CEQA Guidelines Section 15380. Therefore, species that are considered rare are addressed under CEQA regardless of whether they are afforded protection through any other statute or regulation. The California Native Plant Society (CNPS) inventories the native flora of California and ranks species according to rarity; plants ranked as 1A, 1B, 2A, 2B, and 3 are generally considered special-status species under CEQA.<sup>1</sup>

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<sup>1</sup> The California Rare Plant Rank system can be found online at < <http://www.cnps.org/cnps/rareplants/ranking.php>>

Although threatened and endangered species are protected by specific federal and state statutes, CEQA Guidelines Section 15380(d) provides that a species not listed on the federal or state list of protected species may be considered rare if it can be shown to meet certain specified criteria. These criteria have been modeled after the definition in FESA and the section of the California Fish and Game Code dealing with rare or endangered plants and animals. Section 15380(d) allows a public agency to undertake a review to determine if a significant effect on species that have not yet been listed by either the USFWS or CDFW (*i.e.*, candidate species) would occur.

### Native Plant Protection Act

The California Native Plant Protection Act of 1977 (California Fish and Game Code Sections 1900-1913) empowers the Fish and Game Commission to list native plant species, subspecies, or varieties as endangered or rare following a public hearing. To the extent that the location of such plants is known, CDFW must notify property owners that a listed plant is known to occur on their property. Where a property owner has been so notified by CDFW, the owner must notify CDFW at least 10 days in advance of any change in land use (other than changing from one agricultural use to another), in order that CDFW may salvage listed plants that would otherwise be destroyed. Currently, 64 taxa of native plants have been listed as rare under the act.

### Nesting Birds

California Fish and Game Code Subsections 3503 and 3800 prohibit the possession, take, or needless destruction of birds, their nests, and eggs, and the salvage of dead nongame birds. California Fish and Game Code Subsection 3503.5 protects all birds in the orders of Falconiformes and Strigiformes (birds of prey). Fish and Game Code Subsection 3513 states that it is unlawful to take or possess any migratory nongame bird as designated in the Migratory Bird Treaty Act or any part of such migratory nongame bird except as provided by rules and regulations adopted by the Secretary of the Interior under provisions of the Migratory Bird Treaty Act. The Attorney General of California has released an opinion that the Fish and Game Code prohibits incidental take.

## Jurisdictional Waters

### Federal Jurisdiction

Any person, firm, or agency planning to alter or work in “waters of the U.S.,” including the discharge of dredged or fill material, must first obtain authorization from the U.S. Army Corps of Engineers (USACE) under Section 404 of the Clean Water Act (CWA; 33 USC 1344). Permits, licenses, variances, or similar authorization may also be required by other federal, state, and local statutes. Section 10 of the Rivers and Harbors Act prohibits the obstruction or alteration of navigable waters of the U.S. without a permit from USACE (33 USC 403).

Waters of the U.S. generally include:

- The territorial seas and traditional navigable waters;
- Perennial and intermittent tributaries to those waters;
- Certain lakes, ponds, and impoundments; and
- Wetlands adjacent to jurisdictional waters.

The following types of aquatic resources are generally not considered waters of the U.S.:

- Groundwater
- Ephemeral features
- Diffuse stormwater run-off
- manmade ditches dug in uplands
- Prior converted cropland (PCC)
- Artificially irrigated areas
- Artificial lakes and ponds
- Water-filled depressions incidental to mining or construction activity
- Stormwater control features
- Groundwater recharge, water reuse, and wastewater recycling structures
- Waste treatment systems

With non-tidal waters, in the absence of adjacent wetlands, the extent of USACE jurisdiction extends to the ordinary high water mark (OHWM) – the line on the shore established by fluctuations of water and indicated by a clear, natural line impressed on the bank, shelving, changes in soil character, destruction of terrestrial vegetation, or the presence of litter and debris. Wetlands are defined in 33 CFR Part 328 as:

*“those areas that are inundated or saturated by surface or ground water at a frequency and duration to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions.”*

Federal and state regulations pertaining to waters of the U.S., including wetlands, are discussed below.

Clean Water Act (33 USC 1251-1376). The CWA provides guidance for the restoration and maintenance of the chemical, physical, and biological integrity of the nation’s waters.

Section 401 requires that an applicant for a federal license or permit that allows activities resulting in a discharge to waters of the U.S. must obtain a state certification that the discharge complies with other provisions of CWA. The Regional Water Quality Control Board (RWQCB) administers the certification program in California and may require State Water Quality Certification before other permits are issued.

Section 402 establishes a permitting system for the discharge of any pollutant (except dredged or fill material) into waters of the U.S.

Section 404 establishes a permit program administered by USACE that regulates the discharge of dredged or fill material into waters of the U.S. (including wetlands). Implementing regulations by USACE are found at 33 CFR Parts 320-332. The Section 404 (b)(1) Guidelines were developed by the USEPA in conjunction with USACE (40 CFR Part 230), allowing the discharge of dredged or fill material for non-water dependent uses into special aquatic sites only if there is no practicable alternative that would have less adverse impacts. State Jurisdiction

## Regional Water Quality Control Board

Any action requiring a CWA Section 404 permit, or a Rivers and Harbors Act Section 10 permit, must also obtain a CWA Section 401 Water Quality Certification. The State of California Water Quality Certification (WQC) Program was formally initiated by the State Water Resources Control Board (SWRCB) in 1990 under the requirements stipulated by Section 401 of the Federal CWA. Although the Clean Water Act is a Federal law, Section 401 of the CWA recognizes that states have the primary authority and responsibility for setting water quality standards. In California, under Section 401, the State and Regional Water

Boards are the authorities that certify that issuance of a federal license or permit does not violate California's water quality standards (i.e., that they do not violate Porter-Cologne and the Water Code). The WQC Program currently issues the WQC for discharges requiring USACE's permits for fill and dredge discharges within Waters of the United States, and now also implements the State's wetland protection and hydromodification regulation program under the Porter Cologne Water Quality Control Act.

On April 2, 2019, the SWRCB adopted a State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State (Procedures), for inclusion in the forthcoming Water Quality Control Plan for Inland Surface Waters and Enclosed Bays and Estuaries and Ocean Waters of California. The Procedures consist of four major elements: 1) a wetland definition; 2) a framework for determining if a feature that meets the wetland definition is a water of the state; 3) wetland delineation procedures; and 4) procedures for the submittal, review and approval of applications for Water Quality Certifications and Waste Discharge Requirements for dredge or fill activities. The Office of Administrative Law approved the Procedures on August 28, 2019, and the Procedures became effective May 28, 2020.

Under the Procedures and the State Water Code (Water Code §13050(e)), "Waters of the State" are defined as "any surface water or groundwater, including saline waters, within the boundaries of the state." Unless excluded by the Procedures, any activity that could result in discharge of dredged or fill material to Waters of the State, which includes Waters of the U.S. and non-federal Waters of the State, requires filing of an application under the Procedures.

The Porter-Cologne Water Quality Control Act (Porter-Cologne Act, Water Code Section 13000 et seq.) is California's statutory authority for the protection of water quality in conjunction with the federal CWA. The Porter-Cologne Act requires the SWRCB and RWQCBs under the CWA to adopt and periodically update water quality control plans, or basin plans. Basin plans are plans in which beneficial uses, water quality objectives, and implementation programs are established for each of the nine regions in California. The Porter-Cologne Act also requires dischargers of pollutants or dredged or fill material to notify the RWQCBs of such activities by filing Reports of Waste Discharge and authorizes the SWRCB and RWQCBs to issue and enforce waste discharge requirements, National Pollution Discharge Elimination System (NPDES) permits, Section 401 water quality certifications, or other approvals.

### California Department of Fish and Wildlife

The CDFW is a trustee agency that has jurisdiction under Section 1600 et seq. of the California Fish and Game Code. Under Sections 1602 and 1603, a private party must notify CDFW if a proposed project will "substantially divert or obstruct the natural flow or substantially change the bed, channel, or bank of streambeds...except when the department has been notified pursuant to Section 1601." Additionally, CDFW asserts jurisdiction over native riparian habitat adjacent to aquatic features, including native trees over four inches in diameter at breast height (DBH). If an existing fish or wildlife resource may be substantially adversely affected by the activity, CDFW may propose reasonable measures that will allow protection of those resources. If these measures are agreeable to the parties involved, they may enter into an agreement with CDFW identifying the approved activities and associated mitigation measures. Generally, CDFW recommends submitting an application for a Streambed Alteration Agreement (SAA) for any work done within the lateral limit of water flow or the edge of riparian vegetation, whichever is greater.

## Local Regulations

### Tree Protection Ordinance

The City of Los Angeles Protected Tree Ordinance (Chapter IV, Article, 6 of the Los Angeles Municipal Code) regulates the relocation or removal of all Southern California native oak (*Quercus* sp.) trees (excluding scrub oak), Southern California black walnut (*Juglans californica*), western sycamore (*Platanus racemosa*), California bay laurel (*Umbellularia californica*), Mexican elderberry (*Sambucus mexicana*), and toyon (*Heteromeles arbutifolia*). These tree species are defined as “protected” by the City of Los Angeles. Trees that have been planted as part of a tree planting program are exempt from this Ordinance and are not considered protected.

# Attachment C

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Database Query Results



# IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

## Location

Los Angeles County, California



## Local office

Carlsbad Fish And Wildlife Office

☎ (760) 431-9440

📅 (760) 431-5901

2177 Salk Avenue - Suite 250

Carlsbad, CA 92008-7385

<http://www.fws.gov/carlsbad/>

# Endangered species

**This resource list is for informational purposes only and does not constitute an analysis of project level impacts.**

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species<sup>1</sup> and their critical habitats are managed by the [Ecological Services Program](#) of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries<sup>2</sup>).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact [NOAA Fisheries](#) for [species under their jurisdiction](#).

1. Species listed under the [Endangered Species Act](#) are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the [listing status page](#) for more information. IPaC only shows species that are regulated by USFWS (see FAQ).
2. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

## Birds

NAME	STATUS
<p><b>California Condor</b> <i>Gymnogyps californianus</i></p> <p>There is <b>final</b> critical habitat for this species. The location of the critical habitat is not available.</p> <p><a href="https://ecos.fws.gov/ecp/species/8193">https://ecos.fws.gov/ecp/species/8193</a></p>	Endangered
<p><b>Coastal California Gnatcatcher</b> <i>Polioptila californica californica</i></p> <p>Wherever found</p> <p>There is <b>final</b> critical habitat for this species. The location of the critical habitat is not available.</p> <p><a href="https://ecos.fws.gov/ecp/species/8178">https://ecos.fws.gov/ecp/species/8178</a></p>	Threatened
<p><b>Least Bell's Vireo</b> <i>Vireo bellii pusillus</i></p> <p>Wherever found</p> <p>There is <b>final</b> critical habitat for this species. The location of the critical habitat is not available.</p> <p><a href="https://ecos.fws.gov/ecp/species/5945">https://ecos.fws.gov/ecp/species/5945</a></p>	Endangered
<p><b>Southwestern Willow Flycatcher</b> <i>Empidonax traillii extimus</i></p> <p>Wherever found</p> <p>There is <b>final</b> critical habitat for this species. The location of the critical habitat is not available.</p> <p><a href="https://ecos.fws.gov/ecp/species/6749">https://ecos.fws.gov/ecp/species/6749</a></p>	Endangered

## Fishes

NAME	STATUS
<p><b>Santa Ana Sucker</b> <i>Catostomus santaanae</i></p> <p>There is <b>final</b> critical habitat for this species. The location of the critical habitat is not available.</p> <p><a href="https://ecos.fws.gov/ecp/species/3785">https://ecos.fws.gov/ecp/species/3785</a></p>	Threatened

## Insects

NAME	STATUS
<p><b>Monarch Butterfly</b> <i>Danaus plexippus</i></p> <p>Wherever found</p> <p>No critical habitat has been designated for this species.</p> <p><a href="https://ecos.fws.gov/ecp/species/9743">https://ecos.fws.gov/ecp/species/9743</a></p>	Candidate

## Flowering Plants

NAME	STATUS
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Braunton's Milk-vetch *Astragalus brauntonii* Endangered

Wherever found

There is **final** critical habitat for this species. The location of the critical habitat is not available.

<https://ecos.fws.gov/ecp/species/5674>

Gambel's Watercress *Rorippa gambellii* Endangered

Wherever found

No critical habitat has been designated for this species.

<https://ecos.fws.gov/ecp/species/4201>

Nevin's Barberry *Berberis nevinii* Endangered

Wherever found

There is **final** critical habitat for this species. The location of the critical habitat is not available.

<https://ecos.fws.gov/ecp/species/8025>

## Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

THERE ARE NO CRITICAL HABITATS AT THIS LOCATION.

## Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act<sup>1</sup> and the Bald and Golden Eagle Protection Act<sup>2</sup>.

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described [below](#).

1. The [Migratory Birds Treaty Act](#) of 1918.
2. The [Bald and Golden Eagle Protection Act](#) of 1940.

Additional information can be found using the following links:

- Birds of Conservation Concern <http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php>
- Measures for avoiding and minimizing impacts to birds <http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php>

- Nationwide conservation measures for birds

<http://www.fws.gov/migratorybirds/pdf/management/nationwidestandardconservationmeasures.pdf>

The birds listed below are birds of particular concern either because they occur on the [USFWS Birds of Conservation Concern](#) (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ [below](#). This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the [E-bird data mapping tool](#) (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found [below](#).

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME

BREEDING SEASON (IF A BREEDING SEASON IS INDICATED FOR A BIRD ON YOUR LIST, THE BIRD MAY BREED IN YOUR PROJECT AREA SOMETIME WITHIN THE TIMEFRAME SPECIFIED, WHICH IS A VERY LIBERAL ESTIMATE OF THE DATES INSIDE WHICH THE BIRD BREEDS ACROSS ITS ENTIRE RANGE. "BREEDS ELSEWHERE" INDICATES THAT THE BIRD DOES NOT LIKELY BREED IN YOUR PROJECT AREA.)

Allen's Hummingbird *Selasphorus sasin*

Breeds Feb 1 to Jul 15

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

<https://ecos.fws.gov/ecp/species/9637>

Bald Eagle *Haliaeetus leucocephalus*

Breeds Jan 1 to Aug 31

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

<https://ecos.fws.gov/ecp/species/1626>

- Black Swift** *Cypseloides niger* Breeds Jun 15 to Sep 10  
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.  
<https://ecos.fws.gov/ecp/species/8878>
- Black-chinned Sparrow** *Spizella atrogularis* Breeds Apr 15 to Jul 31  
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.  
<https://ecos.fws.gov/ecp/species/9447>
- California Thrasher** *Toxostoma redivivum* Breeds Jan 1 to Jul 31  
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
- Clark's Grebe** *Aechmophorus clarkii* Breeds Jun 1 to Aug 31  
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
- Common Yellowthroat** *Geothlypis trichas sinuosa* Breeds May 20 to Jul 31  
This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA  
<https://ecos.fws.gov/ecp/species/2084>
- Golden Eagle** *Aquila chrysaetos* Breeds Jan 1 to Aug 31  
This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.  
<https://ecos.fws.gov/ecp/species/1680>
- Lawrence's Goldfinch** *Carduelis lawrencei* Breeds Mar 20 to Sep 20  
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.  
<https://ecos.fws.gov/ecp/species/9464>
- Nuttall's Woodpecker** *Picoides nuttallii* Breeds Apr 1 to Jul 20  
This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA  
<https://ecos.fws.gov/ecp/species/9410>
- Oak Titmouse** *Baeolophus inornatus* Breeds Mar 15 to Jul 15  
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.  
<https://ecos.fws.gov/ecp/species/9656>

**Olive-sided Flycatcher** *Contopus cooperi*

Breeds May 20 to Aug 31

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

<https://ecos.fws.gov/ecp/species/3914>

**Tricolored Blackbird** *Agelaius tricolor*

Breeds Mar 15 to Aug 10

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

<https://ecos.fws.gov/ecp/species/3910>

**Willet** *Tringa semipalmata*

Breeds elsewhere

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

**Wrentit** *Chamaea fasciata*

Breeds Mar 15 to Aug 10

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

## Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

### Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is  $0.25/0.25 = 1$ ; at week 20 it is  $0.05/0.25 = 0.2$ .

3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

**Breeding Season (■)**

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

**Survey Effort (|)**

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

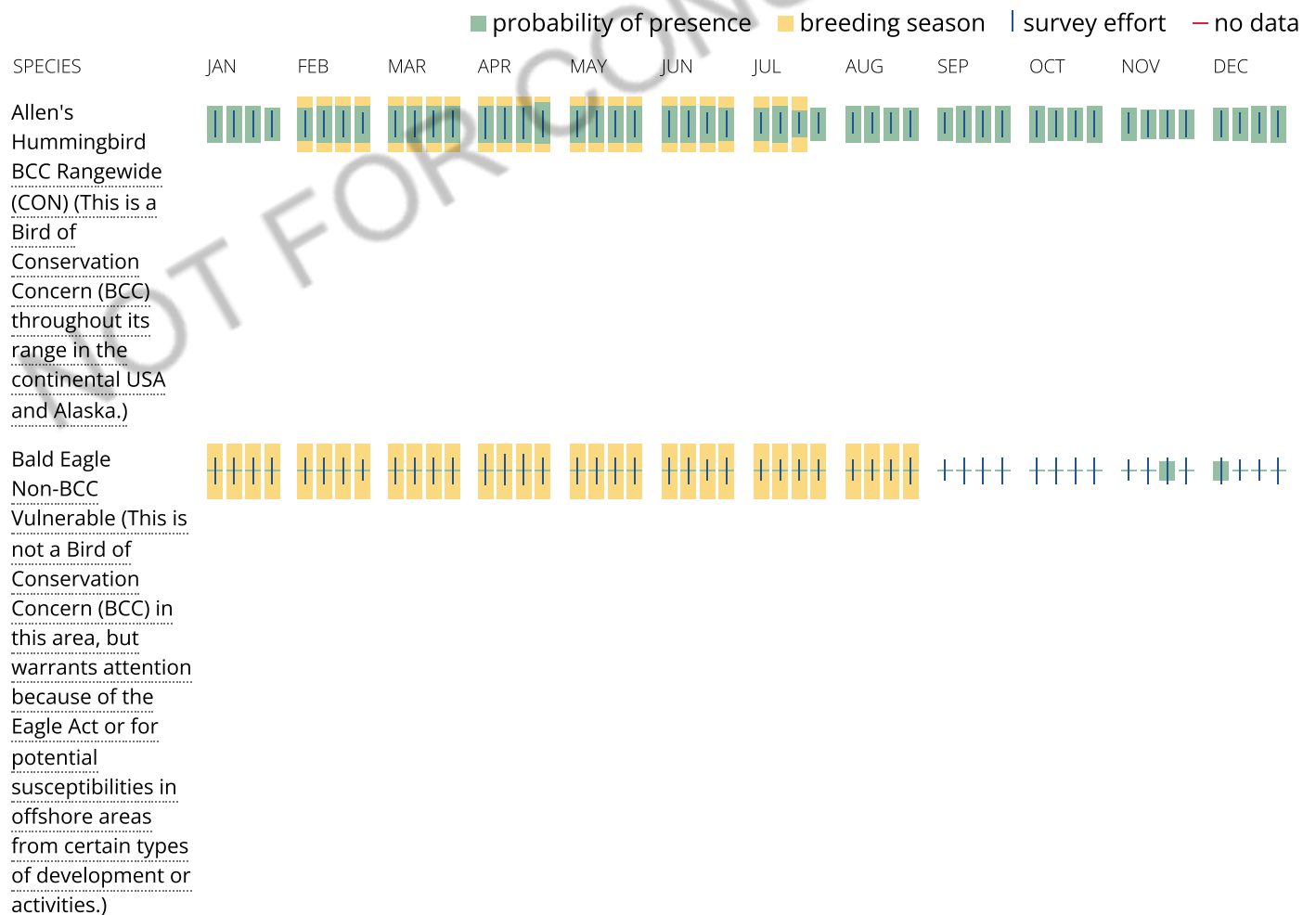
To see a bar's survey effort range, simply hover your mouse cursor over the bar.

**No Data (—)**

A week is marked as having no data if there were no survey events for that week.

**Survey Timeframe**

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.





Black Swift  
 BCC Rangewide  
 (CON) (This is a  
 Bird of  
 Conservation  
 Concern (BCC)  
 throughout its  
 range in the  
 continental USA  
 and Alaska.)



Black-chinned Sparrow  
 BCC Rangewide  
 (CON) (This is a  
 Bird of  
 Conservation  
 Concern (BCC)  
 throughout its  
 range in the  
 continental USA  
 and Alaska.)



California Thrasher  
 BCC Rangewide  
 (CON) (This is a  
 Bird of  
 Conservation  
 Concern (BCC)  
 throughout its  
 range in the  
 continental USA  
 and Alaska.)



Clark's Grebe  
 BCC Rangewide  
 (CON) (This is a  
 Bird of  
 Conservation  
 Concern (BCC)  
 throughout its  
 range in the  
 continental USA  
 and Alaska.)

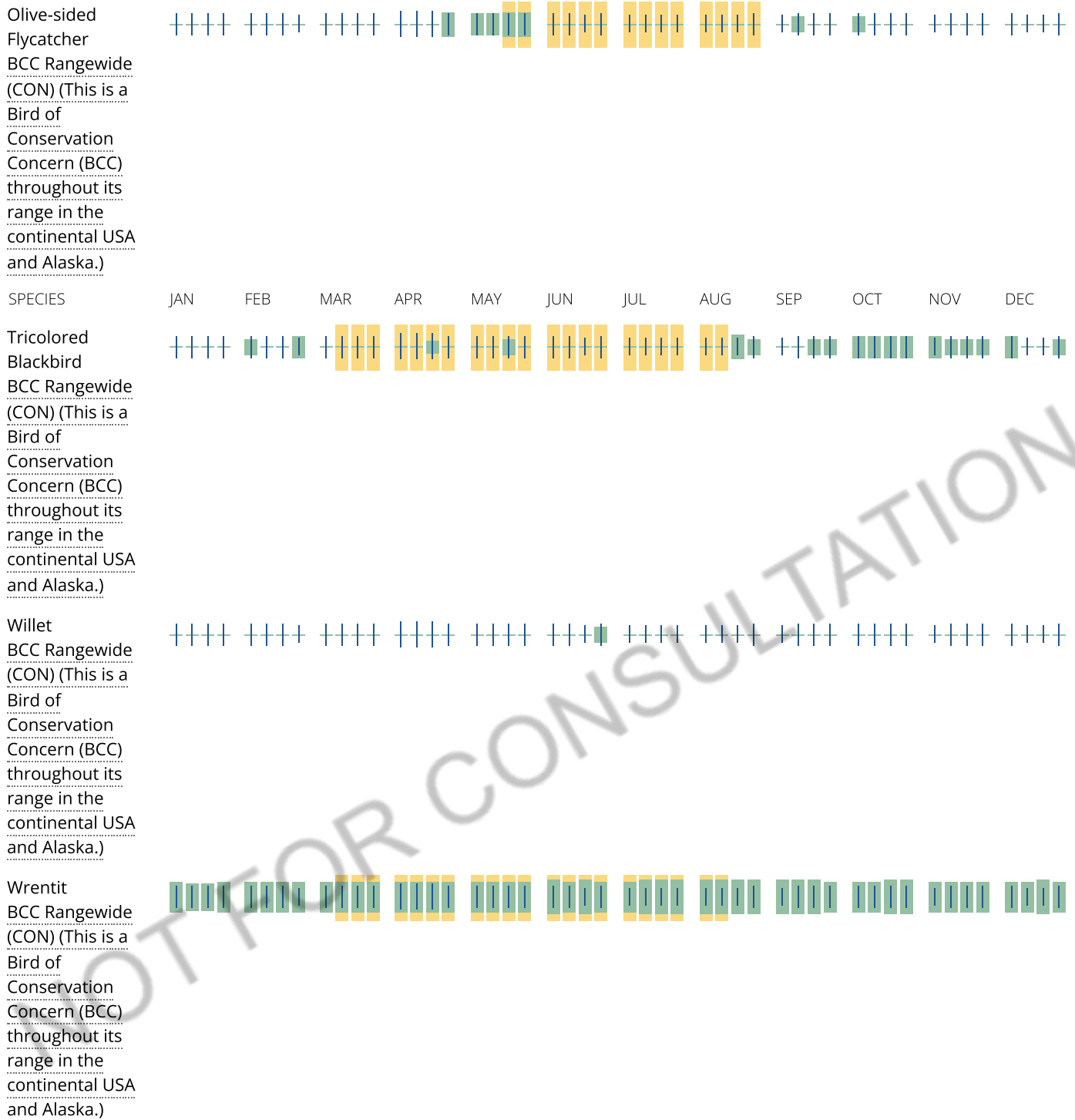


Common Yellowthroat  
 BCC - BCR (This is a  
 Bird of  
 Conservation  
 Concern (BCC) only  
 in particular Bird  
 Conservation  
 Regions (BCRs) in  
 the continental  
 USA)



DRAFT FOR CONSULTATION





Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

[Nationwide Conservation Measures](#) describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. [Additional measures](#) or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the migratory birds potentially occurring in my specified location?

The Migratory Bird Resource List is comprised of USFWS [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle ([Eagle Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the [AKN Phenology Tool](#).

### **What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?**

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go to the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

### **How do I know if a bird is breeding, wintering, migrating or present year-round in my project area?**

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may refer to the following resources: [The Cornell Lab of Ornithology All About Birds Bird Guide](#), or (if you are unsuccessful in locating the bird of interest there), the [Cornell Lab of Ornithology Neotropical Birds guide](#). If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

### **What are the levels of concern for migratory birds?**

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern](#) (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Eagle Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

### **Details about birds that are potentially affected by offshore projects**

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the [Diving Bird Study](#) and the [nanotag studies](#) or contact [Caleb Spiegel](#) or [Pam Loring](#).

### What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to [obtain a permit](#) to avoid violating the Eagle Act should such impacts occur.

### Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

## Facilities

### Wildlife refuges and fish hatcheries

REFUGE AND FISH HATCHERY INFORMATION IS NOT AVAILABLE AT THIS TIME

## Wetlands in the National Wetlands Inventory

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

WETLAND INFORMATION IS NOT AVAILABLE AT THIS TIME

This can happen when the National Wetlands Inventory (NWI) map service is unavailable, or for very large projects that intersect many wetland areas. Try again, or visit the [NWI map](#) to view wetlands at this location.

#### **Data limitations**

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

#### **Data exclusions**

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

#### **Data precautions**

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.



Selected Elements by Scientific Name  
 California Department of Fish and Wildlife  
 California Natural Diversity Database



Query Criteria: Quad (San Fernando (3411834)) OR Sunland (3411833)

Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
<i>Anniella spp.</i> California legless lizard	ARACC01070	None	None	G3G4	S3S4	SSC
<i>Anniella stebbinsi</i> Southern California legless lizard	ARACC01060	None	None	G3	S3	SSC
<i>Arizona elegans occidentalis</i> California glossy snake	ARADB01017	None	None	G5T2	S2	SSC
<i>Aspidoscelis tigris stejnegeri</i> coastal whiptail	ARACJ02143	None	None	G5T5	S3	SSC
<i>Berberis nevini</i> Nevin's barberry	PDBER060A0	Endangered	Endangered	G1	S1	1B.1
<i>Bombus crotchii</i> Crotch bumble bee	IIHYM24480	None	None	G3G4	S1S2	
<i>Buteo swainsoni</i> Swainson's hawk	ABNKC19070	None	Threatened	G5	S3	
<i>Calochortus clavatus var. gracilis</i> slender mariposa-lily	PMLIL0D096	None	None	G4T2T3	S2S3	1B.2
<i>Calochortus plummerae</i> Plummer's mariposa-lily	PMLIL0D150	None	None	G4	S4	4.2
<i>Catostomus santaanae</i> Santa Ana sucker	AFCJC02190	Threatened	None	G1	S1	
<i>Centromadia parryi ssp. australis</i> southern tarplant	PDAST4R0P4	None	None	G3T2	S2	1B.1
<i>Chorizanthe parryi var. fernandina</i> San Fernando Valley spineflower	PDPGN040J1	None	Endangered	G2T1	S1	1B.1
<i>Coccyzus americanus occidentalis</i> western yellow-billed cuckoo	ABNRB02022	Threatened	Endangered	G5T2T3	S1	
<i>Corynorhinus townsendii</i> Townsend's big-eared bat	AMACC08010	None	None	G4	S2	SSC
<i>Dodecahema leptoceras</i> slender-horned spineflower	PDPGN0V010	Endangered	Endangered	G1	S1	1B.1
<i>Emys marmorata</i> western pond turtle	ARAAD02030	None	None	G3G4	S3	SSC
<i>Gila orcuttii</i> arroyo chub	AFCJB13120	None	None	G2	S2	SSC
<i>Harpagonella palmeri</i> Palmer's grapplinghook	PDBOR0H010	None	None	G4	S3	4.2
<i>Helminthoglypta traskii pacuimensis</i> Pacoima shoulderband	IMGASC2472	None	None	G1G2T1	S1	
<i>Horkelia cuneata var. puberula</i> mesa horkelia	PDROS0W045	None	None	G4T1	S1	1B.1



**Selected Elements by Scientific Name**  
**California Department of Fish and Wildlife**  
**California Natural Diversity Database**



<b>Species</b>	<b>Element Code</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>	<b>Rare Plant Rank/CDFW SSC or FP</b>
<b><i>Lasiurus cinereus</i></b> hoary bat	AMACC05030	None	None	G3G4	S4	
<b><i>Lepidium virginicum var. robinsonii</i></b> Robinson's pepper-grass	PDBRA1M114	None	None	G5T3	S3	4.3
<b><i>Lepus californicus bennettii</i></b> San Diego black-tailed jackrabbit	AMAEB03051	None	None	G5T3T4	S3S4	SSC
<b><i>Malacothamnus davidsonii</i></b> Davidson's bush-mallow	PDMAL0Q040	None	None	G2	S2	1B.2
<b><i>Onychomys torridus ramona</i></b> southern grasshopper mouse	AMAFF06022	None	None	G5T3	S3	SSC
<b><i>Orcuttia californica</i></b> California Orcutt grass	PMPOA4G010	Endangered	Endangered	G1	S1	1B.1
<b><i>Phrynosoma blainvillii</i></b> coast horned lizard	ARACF12100	None	None	G3G4	S3S4	SSC
<b><i>Poliophtila californica californica</i></b> coastal California gnatcatcher	ABPBJ08081	Threatened	None	G4G5T3Q	S2	SSC
<b><i>Rana muscosa</i></b> southern mountain yellow-legged frog	AAABH01330	Endangered	Endangered	G1	S1	WL
<b><i>Rhinichthys osculus ssp. 8</i></b> Santa Ana speckled dace	AFCJB3705K	None	None	G5T1	S1	SSC
<b><i>Riversidian Alluvial Fan Sage Scrub</i></b> Riversidian Alluvial Fan Sage Scrub	CTT32720CA	None	None	G1	S1.1	
<b><i>Southern California Arroyo Chub/Santa Ana Sucker Stream</i></b> Southern California Arroyo Chub/Santa Ana Sucker Stream	CARE2330CA	None	None	GNR	SNR	
<b><i>Southern Coast Live Oak Riparian Forest</i></b> Southern Coast Live Oak Riparian Forest	CTT61310CA	None	None	G4	S4	
<b><i>Southern Cottonwood Willow Riparian Forest</i></b> Southern Cottonwood Willow Riparian Forest	CTT61330CA	None	None	G3	S3.2	
<b><i>Southern Mixed Riparian Forest</i></b> Southern Mixed Riparian Forest	CTT61340CA	None	None	G2	S2.1	
<b><i>Southern Sycamore Alder Riparian Woodland</i></b> Southern Sycamore Alder Riparian Woodland	CTT62400CA	None	None	G4	S4	
<b><i>Spea hammondii</i></b> western spadefoot	AAABF02020	None	None	G2G3	S3	SSC
<b><i>Symphotrichum greatae</i></b> Greata's aster	PDASTE80U0	None	None	G2	S2	1B.3
<b><i>Thamnophis hammondii</i></b> two-striped gartersnake	ARADB36160	None	None	G4	S3S4	SSC
<b><i>Vireo bellii pusillus</i></b> least Bell's vireo	ABPBW01114	Endangered	Endangered	G5T2	S2	

**Record Count: 40**





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**Query Criteria:** Quad IS (San Fernando (3411834) OR Sunland (3411833))

<b><i>Spea hammondii</i></b>		<b>Element Code:</b> AAABF02020	
western spadefoot			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDB Element Ranks:</b>	<b>Global:</b> G2G3
	<b>State:</b> None		<b>State:</b> S3
	<b>Other:</b> BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_NT-Near Threatened		
<b>Habitat:</b>	<b>General:</b> OCCURS PRIMARILY IN GRASSLAND HABITATS, BUT CAN BE FOUND IN VALLEY-FOOTHILL HARDWOOD WOODLANDS.		
	<b>Micro:</b> VERNAL POOLS ARE ESSENTIAL FOR BREEDING AND EGG-LAYING.		

<b>Occurrence No.</b>	178	<b>Map Index:</b>	42739	<b>EO Index:</b>	42739	<b>Element Last Seen:</b>	1998-05-20
<b>Occ. Rank:</b>	Excellent	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		1998-05-20	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2000-04-12	
<b>Quad Summary:</b>	San Fernando (3411834), Mint Canyon (3411844)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.38890 / -118.44536			<b>Accuracy:</b>	non-specific area		
<b>UTM:</b>	Zone-11 N3806224 E367130			<b>Elevation (ft):</b>	1600		
<b>PLSS:</b>	T04N, R15W, Sec. 34 (S)			<b>Acres:</b>	1291.5		
<b>Location:</b>	GOLDEN VALLEY RANCH, WEST OF SAND CANYON, SOUTH OF HIGHWAY 14 AND SANTA CLARITA.						
<b>Detailed Location:</b>	THE AREA MAPPED IS THE PROJECT SITE, THE EXACT LOCATION OF THE PONDED AREAS WAS NOT GIVEN.						
<b>Ecological:</b>	HABITAT CONSISTS OF TWO SEASONAL PONDED AREAS, A VERNAL POND & A CATTAIL MARSH, SURROUNDED BY ANNUAL GRASSLAND.						
<b>General:</b>	OBSERVED BREEDING SITE, MAR-MAY 1998.						
<b>Owner/Manager:</b>	PVT						

<b>Occurrence No.</b>	382	<b>Map Index:</b>	68689	<b>EO Index:</b>	68471	<b>Element Last Seen:</b>	1996-05-07
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		1996-05-07	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2019-10-08	
<b>Quad Summary:</b>	San Fernando (3411834)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.36620 / -118.49538			<b>Accuracy:</b>	1/5 mile		
<b>UTM:</b>	Zone-11 N3803774 E362493			<b>Elevation (ft):</b>	1445		
<b>PLSS:</b>	T03N, R15W, Sec. 07 (S)			<b>Acres:</b>	0.0		
<b>Location:</b>	WHITNEY CANYON, 0.55 AIR MILES EAST OF HIGHWAY 14, WHITNEY ELSMERE OPEN SPACE, SE OF SANTA CLARITA.						
<b>Detailed Location:</b>							
<b>Ecological:</b>	VERNAL POOL.						
<b>General:</b>	2 INDIVIDUALS WERE COLLECTED HERE ON 7 MAY 1996.						
<b>Owner/Manager:</b>	CITY OF LOS ANGELES						

<b><i>Rana muscosa</i></b>		<b>Element Code:</b> AAABH01330	
southern mountain yellow-legged frog			
<b>Listing Status:</b>	<b>Federal:</b> Endangered	<b>CNDDB Element Ranks:</b>	<b>Global:</b> G1
	<b>State:</b> Endangered		<b>State:</b> S1
	<b>Other:</b> CDFW_WL-Watch List, IUCN_EN-Endangered, USFS_S-Sensitive		



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<b>Habitat:</b>	<b>General:</b>	DISJUNCT POPULATIONS KNOWN FROM SOUTHERN SIERRAS (NORTHERN DPS) AND SAN GABRIEL, SAN BERNARDINO, AND SAN JACINTO MTNS (SOUTHERN DPS). FOUND AT 1,000 TO 12,000 FT IN LAKES AND CREEKS THAT STEM FROM SPRINGS AND SNOWMELT. MAY OVERWINTER UNDER FROZEN LAKES.		
	<b>Micro:</b>	OFTEN ENCOUNTERED WITHIN A FEW FEET OF WATER. TADPOLES MAY REQUIRE 2 - 4 YRS TO COMPLETE THEIR AQUATIC DEVELOPMENT.		

<b>Occurrence No.</b>	38	<b>Map Index:</b>	42571	<b>EO Index:</b>	42571	<b>Element Last Seen:</b>	1939-01-03
<b>Occ. Rank:</b>	None	<b>Presence:</b>	Extirpated	<b>Site Last Seen:</b>		1939-01-03	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2014-02-25	

<b>Quad Summary:</b>	Sunland (3411833)						
<b>County Summary:</b>	Los Angeles						

<b>Lat/Long:</b>	34.35382 / -118.35388	<b>Accuracy:</b>	1/5 mile
<b>UTM:</b>	Zone-11 N3802218 E375488	<b>Elevation (ft):</b>	2300
<b>PLSS:</b>	T03N, R14W, Sec. 09, SW (S)	<b>Acres:</b>	0.0

<b>Location:</b>	HONEYBEE CAMPGROUND, UPPER PACOIMA CANYON, 0.6 MILE NW OF THE PINNACLE, ANGELES NATIONAL FOREST.						
<b>Detailed Location:</b>	LOCATION DESCRIBED BY COLLECTORS AS "HONEYBEE PUBLIC CAMP, UPPER PACOIMA CANYON, LOS ANGELES CO." MAPPED BY CNDDDB CENTERED ON HONEYBEE CAMPGROUND.						
<b>Ecological:</b>							
<b>General:</b>	OCCURRENCE KNOWN FROM RODGERS COLLECTIONS FROM 1937 AND 1939. JENNINGS CONSIDERS THIS POPULATION TO BE EXTIRPATED.						
<b>Owner/Manager:</b>	USFS-ANGELES NF						

<b>Occurrence No.</b>	39	<b>Map Index:</b>	42573	<b>EO Index:</b>	42573	<b>Element Last Seen:</b>	1918-02-17
<b>Occ. Rank:</b>	None	<b>Presence:</b>	Extirpated	<b>Site Last Seen:</b>		1918-02-17	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2014-02-25	

<b>Quad Summary:</b>	San Fernando (3411834)						
<b>County Summary:</b>	Los Angeles						

<b>Lat/Long:</b>	34.33801 / -118.39423	<b>Accuracy:</b>	non-specific area
<b>UTM:</b>	Zone-11 N3800515 E371753	<b>Elevation (ft):</b>	1800
<b>PLSS:</b>	T03N, R14W, Sec. 18, SW (S)	<b>Acres:</b>	79.5

<b>Location:</b>	1 MILE ABOVE MOUTH OF PACOIMA CANYON, SAN GABRIEL MOUNTAINS, NE OF SAN FERNANDO.						
<b>Detailed Location:</b>	LOCALITY DESCRIBED BY COLLECTOR AS "1 MILE ABOVE MOUTH OF PACOIMA, SAN FERNANDO CANYON."						
<b>Ecological:</b>							
<b>General:</b>	OCCURRENCE KNOWN ONLY FROM A 1918 COLLECTION BY LAW. JENNINGS CONSIDERS THIS POPULATION TO BE EXTIRPATED.						
<b>Owner/Manager:</b>	UNKNOWN						



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<b>Occurrence No.</b>	54	<b>Map Index:</b>	42622	<b>EO Index:</b>	42622	<b>Element Last Seen:</b>	1930-05-08
<b>Occ. Rank:</b>	None	<b>Presence:</b>	Extirpated	<b>Site Last Seen:</b>	1930-05-08	<b>Record Last Updated:</b>	2014-07-11
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b>	Unknown			
<b>Quad Summary:</b>	Sunland (3411833)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.27322 / -118.31649		<b>Accuracy:</b>	non-specific area			
<b>UTM:</b>	Zone-11 N3793235 E378811		<b>Elevation (ft):</b>	1288			
<b>PLSS:</b>	T02N, R14W, Sec. 11 (S)		<b>Acres:</b>	484.9			
<b>Location:</b>	TUJUNGA VALLEY AND THE MOUTH OF BIG TUJUNA CANYON NORTH OF SUNLAND.						
<b>Detailed Location:</b>	COLLECTED FROM TUJUNGA WASH; EXACT LOCATATION UNKNOWN. TUJUNGA WASH FLOWS FROM TUJUNGA VALLEY THROUGH SAN FERNANDO VALLEY (600 FT - TOO LOW FOR SPECIES). MAPPED WITH RESPECT TO HISTORIC MAPS & UPSTREAM OF WASH AT MINIMUM ELEV FOR SPECIES.						
<b>Ecological:</b>	POPULATED AREA.						
<b>General:</b>	13 COLLECTED IN SEP 1916 INCLUDING JUVENILES. 1 COLLECTED IN MAY 1930. JENNINGS & HAYES (1994) AND BACKLIN (2010) CONSIDER THIS POPULATION EXTIRPATED.						
<b>Owner/Manager:</b>	CITY OF LOS ANGELES, USFS						

<b><i>Buteo swainsoni</i></b>	<b>Element Code:</b> ABNKC19070
Swainson's hawk	
<b>Listing Status:</b>	<b>Federal:</b> None <b>State:</b> Threatened <b>Other:</b> BLM_S-Sensitive, IUCN_LC-Least Concern, USFWS_BCC-Birds of Conservation Concern
<b>CNDDB Element Ranks:</b>	<b>Global:</b> G5 <b>State:</b> S3
<b>Habitat:</b>	<b>General:</b> BREEDS IN GRASSLANDS WITH SCATTERED TREES, JUNIPER-SAGE FLATS, RIPARIAN AREAS, SAVANNAHS, AND AGRICULTURAL OR RANCH LANDS WITH GROVES OR LINES OF TREES. <b>Micro:</b> REQUIRES ADJACENT SUITABLE FORAGING AREAS SUCH AS GRASSLANDS, OR ALFALFA OR GRAIN FIELDS SUPPORTING RODENT POPULATIONS.

<b>Occurrence No.</b>	2536	<b>Map Index:</b>	25605	<b>EO Index:</b>	91442	<b>Element Last Seen:</b>	1900-04-24
<b>Occ. Rank:</b>	None	<b>Presence:</b>	Possibly Extirpated	<b>Site Last Seen:</b>	1900-04-24	<b>Record Last Updated:</b>	2013-10-22
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b>	Unknown			
<b>Quad Summary:</b>	San Fernando (3411834)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.28860 / -118.43243		<b>Accuracy:</b>	1 mile			
<b>UTM:</b>	Zone-11 N3795084 E368162		<b>Elevation (ft):</b>	1100			
<b>PLSS:</b>	T02N, R15W (S)		<b>Acres:</b>	0.0			
<b>Location:</b>	SAN FERNANDO.						
<b>Detailed Location:</b>	MAPPED TO LOCALITY "SAN FERNANDO" FOR 1894 AND 1898 DETECTIONS, EXACT COLLECTION LOCATIONS UNKNOWN. AN ADDITIONAL 3 SPECIMENS WERE TAKEN BETWEEN 1893-1900 FROM "SAN FERNANDO VALLEY," AN EVEN VAGUER LOCALITY; THESE ALSO ATTRIBUTED HERE.						
<b>Ecological:</b>	NESTS IN OAKS AND SYCAMORES, LINED WITH LEAVES AND BARK. THE BREEDING POPULATION OF THE TRANSVERSE RANGES REGION IS GENERALLY CONSIDERED TO BE EXTIRPATED.						
<b>General:</b>	3 EGGS COLLECTED IN SAN FERNANDO ON 10 MAY 1894, AND 3 ON 12 MAY 1898. FROM THE SAN FERNANDO VALLEY REGION, ADDITIONAL SPECIMENS WERE COLLECTED IN MAY 1893, APR 1899, AND APR 1900.						
<b>Owner/Manager:</b>	UNKNOWN						



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<b><i>Coccyzus americanus occidentalis</i></b>		<b>Element Code:</b> ABNRB02022	
western yellow-billed cuckoo			
<b>Listing Status:</b>	<b>Federal:</b> Threatened	<b>CNDDB Element Ranks:</b>	<b>Global:</b> G5T2T3
	<b>State:</b> Endangered		<b>State:</b> S1
	<b>Other:</b> BLM_S-Sensitive, NABCI_RWL-Red Watch List, USFS_S-Sensitive, USFWS_BCC-Birds of Conservation Concern		
<b>Habitat:</b>	<b>General:</b> RIPARIAN FOREST NESTER, ALONG THE BROAD, LOWER FLOOD-BOTTOMS OF LARGER RIVER SYSTEMS.		
	<b>Micro:</b> NESTS IN RIPARIAN JUNGLES OF WILLOW, OFTEN MIXED WITH COTTONWOODS, WITH LOWER STORY OF BLACKBERRY, NETTLES, OR WILD GRAPE.		

<b>Occurrence No.</b>	74	<b>Map Index:</b>	25605	<b>EO Index:</b>	5461	<b>Element Last Seen:</b>	1894-06-03
<b>Occ. Rank:</b>	None	<b>Presence:</b>	Extirpated	<b>Site Last Seen:</b>			1894-06-03
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>			2015-05-11

<b>Quad Summary:</b>	San Fernando (3411834)
<b>County Summary:</b>	Los Angeles

<b>Lat/Long:</b>	34.28860 / -118.43243	<b>Accuracy:</b>	1 mile
<b>UTM:</b>	Zone-11 N3795084 E368162	<b>Elevation (ft):</b>	1100
<b>PLSS:</b>	T02N, R15W (S)	<b>Acres:</b>	0.0

<b>Location:</b>	SAN FERNANDO.
<b>Detailed Location:</b>	MAPPED GENERALLY TO 1893 LOCALITY, "SAN FERNANDO." 1894 LOCALITY GIVEN AS "SAN FERNANDO VALLEY," COLLECTION ATTRIBUTED HERE. EXACT COLLECTION LOCATIONS UNKNOWN.
<b>Ecological:</b>	1893 COLLECTION CARD READS, "COMPOSED OF A FEW STICKS LOOSELY PUT TOGETHER, IN A BUSH ABOUT 3 1/2 FT UP, ON NORTH SIDE OF A CANYON."
<b>General:</b>	SET OF 3 EGGS COLLECTED ON 2 MAY 1893. SET OF 2 EGGS COLLECTED ON 3 JUN 1894.
<b>Owner/Manager:</b>	UNKNOWN

<b><i>Polioptila californica californica</i></b>		<b>Element Code:</b> ABPBJ08081	
coastal California gnatcatcher			
<b>Listing Status:</b>	<b>Federal:</b> Threatened	<b>CNDDB Element Ranks:</b>	<b>Global:</b> G4G5T3Q
	<b>State:</b> None		<b>State:</b> S2
	<b>Other:</b> CDFW_SSC-Species of Special Concern, NABCI_YWL-Yellow Watch List		
<b>Habitat:</b>	<b>General:</b> OBLIGATE, PERMANENT RESIDENT OF COASTAL SAGE SCRUB BELOW 2500 FT IN SOUTHERN CALIFORNIA.		
	<b>Micro:</b> LOW, COASTAL SAGE SCRUB IN ARID WASHES, ON MESAS AND SLOPES. NOT ALL AREAS CLASSIFIED AS COASTAL SAGE SCRUB ARE OCCUPIED.		



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<b>Occurrence No.</b>	260	<b>Map Index:</b>	20716	<b>EO Index:</b>	9412	<b>Element Last Seen:</b>	1991-03-31
<b>Occ. Rank:</b>	Good	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>	1991-03-31	<b>Record Last Updated:</b>	2020-09-30
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown				
<b>Quad Summary:</b>	Sunland (3411833)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.27017 / -118.35747			<b>Accuracy:</b>	2/5 mile		
<b>UTM:</b>	Zone-11 N3792946 E375034			<b>Elevation (ft):</b>	1080		
<b>PLSS:</b>	T02N, R14W (S)			<b>Acres:</b>	0.0		
<b>Location:</b>	SOUTH END OF CHRISTY AVENUE, NEAR BIG TUJUNGA CREEK IN TUJUNGA VALLEY, LOS ANGELES.						
<b>Detailed Location:</b>	HISTORIC SPECIMENS WITH LOCALITIES UPPER/BIG TUJUNGA WASH, TUJUNGA VALLEY, TUJUNGA, AND TUJUNGA DISTRICT ATTRIBUTED HERE.						
<b>Ecological:</b>	HABITAT WAS FLOOD PLAIN VEGETATED BY ALLUVIAL SCRUB; DOMINATED BY LEPIDOSPARTUM SQUAMATUM, YUCCA WHIPPLEYI, OPUNTIA LITTORALIS, OPUNTIA PARRYI, AND ERIODICTYON CRASSIFOLIUM. EQUESTRIAN TRAILS BISECT HABITAT. COASTAL CACTUS ALSO PRESENT.						
<b>General:</b>	SPECIMENS COLLECTED IN 1896, 1904, 1905, 1916, AND 1917. 2 BIRDS IDENTIFIED BY BOTH SIGHT AND SOUND ON 31 MAR 1991; THIS IS A REDISCOVERY AT A HISTORIC LOCALITY.						
<b>Owner/Manager:</b>	DOD, CITY OF LOS ANGELES						
<b>Occurrence No.</b>	868	<b>Map Index:</b>	71265	<b>EO Index:</b>	72170	<b>Element Last Seen:</b>	2008-03-29
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>	2008-03-29	<b>Record Last Updated:</b>	2020-09-25
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown				
<b>Quad Summary:</b>	Sunland (3411833), San Fernando (3411834)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.26978 / -118.37663			<b>Accuracy:</b>	80 meters		
<b>UTM:</b>	Zone-11 N3792927 E373269			<b>Elevation (ft):</b>	1040		
<b>PLSS:</b>	T02N, R14W, Sec. 08 (S)			<b>Acres:</b>	0.0		
<b>Location:</b>	HANSEN FLOOD CONTROL BASIN (HANSEN DAM RECREATIONAL AREA, CITY OF L.A. DEPT. REC & PARKS), 0.3 MI S OF BENCH MARK 1095.						
<b>Detailed Location:</b>	MAPPED TO GIVEN COORDINATES. "EXACT SITE IS IMMEDIATELY W OF LITTLE TUJUNGA WASH, S OF FOOTHILL (210) FREEWAY, E OF ATHLETIC FIELDS (BASEBALL) MANAGED BY CITY OF L.A. DEPT. REC. & PARKS, & N OF THE MAIN LAKE W/IN THE BASIN."						
<b>Ecological:</b>	HABITAT CONSISTED OF "COASTAL SAGE SCRUB (ARTEMISIA CALIFORNICA, ERIGONOM FASCICULATUM, ERIODICTYON); INVADDED BY EXOTIC ANNUALS INCLUDING BLACK MUSTARD.						
<b>General:</b>	FIRST SIGHTING OF 1 INDIVIDUAL BY EXPERIENCED ORNITHOLOGIST AFTER 200+ VISITS OVER APPROXIMATELY THE PAST 10 YEARS.						
<b>Owner/Manager:</b>	CITY OF LOS ANGELES-PARKS DEPT						



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<b>Occurrence No.</b>	883	<b>Map Index:</b>	71290	<b>EO Index:</b>	72192	<b>Element Last Seen:</b>	2004-03-25
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		2004-03-25	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2020-09-30	
<b>Quad Summary:</b>	San Fernando (3411834)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.28525 / -118.47269		<b>Accuracy:</b>	1/5 mile			
<b>UTM:</b>	Zone-11 N3794766 E364450		<b>Elevation (ft):</b>	1260			
<b>PLSS:</b>	T02N, R15W, Sec. 05, SE (S)		<b>Acres:</b>	0.0			
<b>Location:</b>	0.2 MILE NORTHWEST OF ODYSSEY DR AND BLUCHER AVE, GRANADA HILLS.						
<b>Detailed Location:</b>	MAPPED ACCORDING TO MAP PROVIDED. SITE NAME: VALLEY BOMB SQUAD FACILITY PROJECT SITE.						
<b>Ecological:</b>	SITE WITHIN LOWER RETENTION BASIN OF THE LOS ANGELES RESERVOIR AND ADJACENT TO EMERGENCY VEHICLE OPERATION CENTER AND FIREARMS TRAINING FACILITY. COASTAL SAGE SCRUB HABITAT OCCURS IN BASIN.						
<b>General:</b>	1 SOLITARY MALE DETECTED BETWEEN 27 FEB AND 25 MAR 2004.						
<b>Owner/Manager:</b>	CITY OF LOS ANGELES						
<b>Occurrence No.</b>	1000	<b>Map Index:</b>	25605	<b>EO Index:</b>	119230	<b>Element Last Seen:</b>	1909-07-07
<b>Occ. Rank:</b>	None	<b>Presence:</b>	Possibly Extirpated	<b>Site Last Seen:</b>		1909-07-07	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2020-09-30	
<b>Quad Summary:</b>	San Fernando (3411834)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.28860 / -118.43243		<b>Accuracy:</b>	1 mile			
<b>UTM:</b>	Zone-11 N3795084 E368162		<b>Elevation (ft):</b>	1100			
<b>PLSS:</b>	T02N, R15W (S)		<b>Acres:</b>	0.0			
<b>Location:</b>	VICINITY OF SAN FERNANDO						
<b>Detailed Location:</b>	MAPPED TO THE GENERAL VICINITY OF THE CITY OF SAN FERNANDO. HISTORIC SPECIMENS WITH LOCALITIES STATED ONLY AS SAN FERNANDO VALLEY INCLUDED HERE, BUT MAY HAVE BEEN COLLECTED ANYWHERE IN THE VALLEY.						
<b>Ecological:</b>							
<b>General:</b>	SPECIMENS COLLECTED IN 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1909, AND 1913. AREA HAS BEEN HEAVILY DEVELOPED SINCE TIME OF COLLECTION; LIKELY EXTIRPATED.						
<b>Owner/Manager:</b>	UNKNOWN						



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<b>Occurrence No.</b>	1001	<b>Map Index:</b> B6184	<b>EO Index:</b> 119232	<b>Element Last Seen:</b>	2009-12-28
<b>Occ. Rank:</b>	Fair		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2019-06-27
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2020-09-29

**Quad Summary:** San Fernando (3411834)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.32769 / -118.48906	<b>Accuracy:</b>	80 meters
<b>UTM:</b>	Zone-11 N3799494 E363013	<b>Elevation (ft):</b>	1404
<b>PLSS:</b>	T03N, R15W, Sec. 19, SE (S)	<b>Acres:</b>	5.0

**Location:** GRAPEVINE CANYON, 0.7 MILE NORTH OF I-5 AND I-210 INTERCHANGE, NORTH OF SAN FERNANDO.

**Detailed Location:** MAPPED TO COORDINATES PROVIDED.

**Ecological:** COASTAL SAGE SCRUB AND MIXED OAK WOODLAND RIPARIAN HABITAT ALONG LADWP CASCADE-OLIVE TRANSMISSION LINE EASEMENT. AREA LOCATED WITHIN AN INACTIVE GOLF COURSE AND ADJACENT TO RECENTLY BURNED HILLSIDES.

**General:** 1 OR 2 ADULTS OBSERVED AND HEARD CALLING ON 28 DEC 2009; MAY BE USING SITE AS WINTER REFUGE FROM ADJACENT BURNED HABITAT. NONE FOUND DURING SURVEYS IN 2018 OR ON 27 JUN 2019.

**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	1002	<b>Map Index:</b> B6188	<b>EO Index:</b> 119233	<b>Element Last Seen:</b>	2009-07-17
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2009-07-17
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2020-09-17

**Quad Summary:** San Fernando (3411834)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.26503 / -118.38392	<b>Accuracy:</b>	80 meters
<b>UTM:</b>	Zone-11 N3792410 E372591	<b>Elevation (ft):</b>	997
<b>PLSS:</b>	T02N, R14W, Sec. 18, NE (S)	<b>Acres:</b>	5.0

**Location:** HANSEN LAKE LAKEBED, 0.3 MILE NORTH OF HANSEN DAM SPILLWAY AT TUJUNGA WASH OUTLET, HANSEN DAM PARK, SAN FERNANDO VALLEY.

**Detailed Location:**

**Ecological:** RIPARIAN HABITAT. 2007 FIRE BURNED THROUGH THE AREA.

**General:** SINGLE MALE OBSERVED BETWEEN 14 APR AND 17 JUL 2009; POSSIBLY THE SAME INDIVIDUAL AS EO #1003.

**Owner/Manager:** CITY OF LOS ANGELES



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<b>Occurrence No.</b>	1003	<b>Map Index:</b> B6189	<b>EO Index:</b> 119234	<b>Element Last Seen:</b>	2009-07-17
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2009-07-17
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2020-09-17
<b>Quad Summary:</b>	Sunland (3411833), San Fernando (3411834)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.26308 / -118.37484		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3792182 E373425		<b>Elevation (ft):</b>	1014	
<b>PLSS:</b>	T02N, R14W, Sec. 17, NW (S)		<b>Acres:</b>	10.0	
<b>Location:</b>	JUST NORTH OF HANSEN DAM, 0.3 MILE NORTH OF WENTWORTH ST AT STONEHURST AVE, HANSEN DAM PARK, SAN FERNANDO VALLEY.				
<b>Detailed Location:</b>	RIPARIAN HABITAT. 2007 FIRE BURNED THROUGH THE AREA.				
<b>Ecological:</b>	SINGLE MALE OBSERVED IN TWO LOCATIONS BETWEEN 14 APR AND 17 JUL 2009; POSSIBLY THE SAME INDIVIDUAL.				
<b>General:</b>	CITY OF LOS ANGELES				

<b>Occurrence No.</b>	1004	<b>Map Index:</b> B6191	<b>EO Index:</b> 119236	<b>Element Last Seen:</b>	2009-09-01
<b>Occ. Rank:</b>	Good		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2009-09-01
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2020-09-18
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.2771 / -118.34789		<b>Accuracy:</b>	80 meters	
<b>UTM:</b>	Zone-11 N3793703 E375927		<b>Elevation (ft):</b>	1258	
<b>PLSS:</b>	T02N, R14W, Sec. 9, NE (S)		<b>Acres:</b>	5.0	
<b>Location:</b>	MOUTH OF OLIVER CANYON, NORTH OF TUJUNGA VALLEY, LAKEVIEW TERRACE, SAN FERNANDO VALLEY.				
<b>Detailed Location:</b>	MAPPED ACCORDING TO MAP PROVIDED.				
<b>Ecological:</b>	COASTAL SAGE SCRUB, CALIFORNIA BUCKWHEAT AND CALIFORNIA SAGEBRUSH DOMINANT. SITE LOCATED AT A DEBRIS BASIN. ADJACENT LAND INCLUDES EQUESTRIAN AREA, RURAL RESIDENCES, ANGELES NATIONAL FOREST.				
<b>General:</b>	1 ADULT MALE AND 2 OF UNKNOWN AGE OBSERVED FORAGING AND TERRITORIAL SCOLDING BUSHTITS ON 1 SEP 2009.				
<b>Owner/Manager:</b>	UNKNOWN				

<b>Vireo bellii pusillus</b>			<b>Element Code:</b> ABPBW01114		
least Bell's vireo					
<b>Listing Status:</b>	<b>Federal:</b> Endangered	<b>CNDDDB Element Ranks:</b>		<b>Global:</b> G5T2	
	<b>State:</b> Endangered			<b>State:</b> S2	
	<b>Other:</b> IUCN_NT-Near Threatened, NABCI_YWL-Yellow Watch List				
<b>Habitat:</b>	<b>General:</b>	SUMMER RESIDENT OF SOUTHERN CALIFORNIA IN LOW RIPARIAN IN VICINITY OF WATER OR IN DRY RIVER BOTTOMS; BELOW 2000 FT.			
	<b>Micro:</b>	NESTS PLACED ALONG MARGINS OF BUSHES OR ON TWIGS PROJECTING INTO PATHWAYS, USUALLY WILLOW, BACCHARIS, MESQUITE.			





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<b>Occurrence No.</b>	62	<b>Map Index:</b> 01288	<b>EO Index:</b> 24991	<b>Element Last Seen:</b>	1978-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1978-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	1989-08-10

**Quad Summary:** San Fernando (3411834)

**County Summary:** Los Angeles

**Lat/Long:** 34.31266 / -118.49189 **Accuracy:** 1/5 mile

**UTM:** Zone-11 N3797831 E362728 **Elevation (ft):** 1240

**PLSS:** T03N, R15W, Sec. 30, N (S) **Acres:** 0.0

**Location:** SAN FERNANDO AT VAN NORMAN DAM.

**Detailed Location:**

**Ecological:** SUITABLE RIPARIAN HABITAT HAS DEVELOPED IN THE LAST 8 YEARS FOLLOWING DRAINAGE OF THE RESERVOIR.

**General:** 2 MALES DETECTED IN 1978; PRESUMED TERRITORIAL OR BREEDING.

**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	266	<b>Map Index:</b> 54544	<b>EO Index:</b> 54544	<b>Element Last Seen:</b>	2003-07-23
<b>Occ. Rank:</b>	Good		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2011-05-11
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2014-04-10

**Quad Summary:** Sunland (3411833), San Fernando (3411834)

**County Summary:** Los Angeles

**Lat/Long:** 34.26673 / -118.39108 **Accuracy:** non-specific area

**UTM:** Zone-11 N3792606 E371934 **Elevation (ft):** 990

**PLSS:** T02N, R14W, Sec. 18, NW (S) **Acres:** 153.0

**Location:** HANSEN DAM PARK & FLOOD CONTROL BASIN, ABOUT 1.8 MILES SE OF I-210 & HWY 118 INTERCHANGE, SAN FERNANDO.

**Detailed Location:** MAPPED TO PROVIDED MAP LOCATIONS. EXACT LOCATIONS WERE DIFFICULT TO DETERMINE, PROVIDED MAPS WERE MONOCHROMATIC & HAND-DRAWN. REPORTER STATED THAT MOST OBS WERE MADE IN THE SW PART OF THE BASIN. UNCLEAR IF 9 TERR DETECTED IN 2000 OR 2001.

**Ecological:** HABITAT CONSISTED OF WILLOW FOREST AND WILLOW WOODLAND.

**General:** AT LEAST 3 SINGING VIREOS & UP TO 9 TERRITORIES IN 2000; POSSIBLE JUVENILE GIVING BEGGING CALLS ON 29 JUL, NESTING CONFIRMED IN "PREVIOUS YEARS." 1+ IN 2001. 4-5 SINGING M DETECTED ON 23 JUL 2003. 2 VIREOS DETECTED ON 20 APR & 11 MAY 2011.

**Owner/Manager:** DOD-COE



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<b>Occurrence No.</b>	567	<b>Map Index:</b>	92025	<b>EO Index:</b>	93100	<b>Element Last Seen:</b>	2005-06-28
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		2007-07-12	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2014-04-10	
<b>Quad Summary:</b>	San Fernando (3411834)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.31088 / -118.40924			<b>Accuracy:</b>	specific area		
<b>UTM:</b>	Zone-11 N3797525 E370330			<b>Elevation (ft):</b>	1310		
<b>PLSS:</b>	T03N, R15W, Sec. 25, SW (S)			<b>Acres:</b>	18.0		
<b>Location:</b>	ALONG PACOIMA WASH, ABOUT 1 MILE NE OF I-210 AND MACLAY ST INTERSECTION, SAN FERNANDO.						
<b>Detailed Location:</b>	SITE PART OF THE LOS ANGELES MISSION COLLEGE IMPROVEMENT PROGRAM. MAPPED TO PROVIDED MAP LOCATIONS. 2005 DETECTIONS WERE PART OF A VEGETATION MONITORING PROJECT OF SOFT BOTTOMED CHANNELS IN LOS ANGELES CO.						
<b>Ecological:</b>	HABITAT COMPOSED OF CALIFORNIA SAGEBRUSH SCRUB, CALIFORNIA BUCKWHEAT SCRUB, SCALEBROOM-HAIRY YERBA SANTA CHAPARRAL YUCCA, MULE FAT SCRUB, NON-NATIVE GRASSLAND, WITH DEVELOPED AND DISTURBED AREAS.						
<b>General:</b>	1 VIREO OBSERVED VOCALIZING & CARRYING NESTING MATERIAL BETWEEN APR-JUL 2004. SINGLE MALE OBSERVED ON 26 APR 2005, PAIR OBS ON 6 MAY. PAIR PRESUMED TO HAVE NESTED TWICE, BOTH ATTEMPTS DEEMED UNSUCCESSFUL. LAST OBS 28 JUN 2005. 0 IN 2007.						
<b>Owner/Manager:</b>	DOD-COE						
<b>Occurrence No.</b>	568	<b>Map Index:</b>	92030	<b>EO Index:</b>	93104	<b>Element Last Seen:</b>	2004-05-14
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		2004-05-14	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2014-04-10	
<b>Quad Summary:</b>	San Fernando (3411834)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.28750 / -118.47490			<b>Accuracy:</b>	1/10 mile		
<b>UTM:</b>	Zone-11 N3795019 E364250			<b>Elevation (ft):</b>	1040		
<b>PLSS:</b>	T02N, R15W, Sec. 05, NE (S)			<b>Acres:</b>	0.0		
<b>Location:</b>	RETENTION BASIN S OF LOS ANGELES RESERVOIR, ABOUT 0.5 MI SW OF I-5 & I-405 INTERCHANGE, N OF RINALDI ST, SAN FERNANDO.						
<b>Detailed Location:</b>	SURVEYS CONDUCTED AT THE PROPOSED VALLEY BOMB SQUAD FACILITY IN THE LOWER RETENTION BASIN OF THE LOS ANGELES RESERVOIR. VIREO DETECTION WAS INCEDENTAL DURING CALIFORNIA GNATCATCHER SURVEYS CONDUCTED 29 JAN-14 MAY 2004.						
<b>Ecological:</b>	COASTAL SAGE SCRUB HABITAT DOMINATED BY CALIFORNIA SAGEBRUSH, WITH LESSER AMOUNTS OF COASTAL BUCKWHEAT, COASTAL ENCELIA, AND BLACK SAGE. ADJACENT LAND USE TO THE SOUTH AND WEST CONSISTED OF UNDEVELOPED LAND.						
<b>General:</b>	1 LEAST BELL'S VIREO HEARD SINGING ON 14 MAY 2004 DURING CALIFORNIA GNATCATCHER SURVEYS; VIREO WAS EXPECTED TO BREED IN THIS AREA.						
<b>Owner/Manager:</b>	UNKNOWN, PVT						



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<b><i>Gila orcuttii</i></b>		<b>Element Code:</b> AFCJB13120	
arroyo chub			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDDB Element Ranks:</b>	<b>Global:</b> G2
	<b>State:</b> None		<b>State:</b> S2
	<b>Other:</b> AFS_VU-Vulnerable, CDFW_SSC-Species of Special Concern, USFS_S-Sensitive		
<b>Habitat:</b>	<b>General:</b> NATIVE TO STREAMS FROM MALIBU CREEK TO SAN LUIS REY RIVER BASIN. INTRODUCED INTO STREAMS IN SANTA CLARA, VENTURA, SANTA YNEZ, MOJAVE AND SAN DIEGO RIVER BASINS.		
	<b>Micro:</b> SLOW WATER STREAM SECTIONS WITH MUD OR SAND BOTTOMS. FEEDS HEAVILY ON AQUATIC VEGETATION AND ASSOCIATED INVERTEBRATES.		
<b>Occurrence No.</b>	43	<b>Map Index:</b> A7671	<b>EO Index:</b> 52809
<b>Occ. Rank:</b>	Good	<b>Presence:</b> Presumed Extant	<b>Element Last Seen:</b> 2015-10-09
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b> Unknown	<b>Site Last Seen:</b> 2015-10-09
			<b>Record Last Updated:</b> 2018-01-08
<b>Quad Summary:</b>	Condor Peak (3411832), Sunland (3411833), San Fernando (3411834)		
<b>County Summary:</b>	Los Angeles		
<b>Lat/Long:</b>	34.30003 / -118.26743		<b>Accuracy:</b> non-specific area
<b>UTM:</b>	Zone-11 N3796150 E383365		<b>Elevation (ft):</b> 1576
<b>PLSS:</b>	T03N, R13W, Sec. 32 (S)		<b>Acres:</b> 1964.0
<b>Location:</b>	BIG TUJUNGA CREEK/WASH FROM LITTLE TUJUNGA CREEK CONFLUENCE UPSTREAM TO BIG TUJUNGA DAM & LOWER 1.9 MI OF HAINES CREEK.		
<b>Detailed Location:</b>	MAPPED TO INCLUDE STRETCH OF CREEK IN WHICH THE SPECIES WAS DETECTED. BIG TUJUNGA WASH MITIGATION AREA IS PROTECTED IN LAX COUNTY DEPARTMENT OF PUBLIC WORKS MASTER MITIGATION PLAN. INVASIVE SPECIES REMOVAL UNDERWAY IN HAINES CREEK.		
<b>Ecological:</b>	LOWER REACHES INTERMITTENT, HIGHLY BRAIDED W/SPARSE VEGETATION & NO DEEP POOLS. UPPER REACHES PERENNIAL W/POOLS & ALDER/WILLOW RIPARIAN W/ARUNDO. HIGH SEDIMENT LOADS AFTER 2009 STATION FIRE PROMPTED SALVAGE OF FISH TO PREVENT EXTIRPATION.		
<b>General:</b>	COLLECTED IN 1971, 72, 75, 85, 86. COMMON IN 1999. 100S DETECTED DEC 2000 & APR-NOV 2001. COLLECTED IN 2001, 02, 03 & 05. 30 RELOCATED TO HOLDING FACILITY, 2009. 100S DET IN 2010 & 2011. OVER 1000 DET, 2013. 1,420 DET, 9 OCT 2015.		
<b>Owner/Manager:</b>	USFS, CITY OF LOS ANGELES		



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<b><i>Rhinichthys osculus ssp. 8</i></b>		<b>Element Code:</b> AFCJB3705K		
Santa Ana speckled dace				
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDB Element Ranks:</b>	<b>Global:</b> G5T1	
	<b>State:</b> None		<b>State:</b> S1	
	<b>Other:</b> AFS_TH-Threatened, CDFW_SSC-Species of Special Concern, USFS_S-Sensitive			
<b>Habitat:</b>	<b>General:</b> HEADWATERS OF THE SANTA ANA AND SAN GABRIEL RIVERS. MAY BE EXTIRPATED FROM THE LOS ANGELES RIVER SYSTEM.			
	<b>Micro:</b> REQUIRES PERMANENT FLOWING STREAMS WITH SUMMER WATER TEMPS OF 17-20 C. USUALLY INHABITS SHALLOW COBBLE AND GRAVEL RIFFLES.			
<b>Occurrence No.</b>	10	<b>Map Index:</b> 42824	<b>EO Index:</b> 42824	<b>Element Last Seen:</b> 2015-10-09
<b>Occ. Rank:</b>	Fair		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 2015-10-09
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2018-01-08
<b>Quad Summary:</b>	Condor Peak (3411832), Sunland (3411833), San Fernando (3411834)			
<b>County Summary:</b>	Los Angeles			
<b>Lat/Long:</b>	34.30202 / -118.25759		<b>Accuracy:</b>	non-specific area
<b>UTM:</b>	Zone-11 N3796360 E384274		<b>Elevation (ft):</b>	1671
<b>PLSS:</b>	T03N, R13W, Sec. 32 (S)		<b>Acres:</b>	1564.0
<b>Location:</b>	BIG TUJUNGA CREEK FROM ITS CONFLUENCE WITH LITTLE TUJUNGA CREEK TO BIG TUJUNGA DAM, & HAINES CREEK W OF FOOTHILL BLVD.			
<b>Detailed Location:</b>	1999: BIG TUJUNGA FROM DAM TO LITTLE TUJUNGA CONFLUENCE & HAINES CREEK. 2000, 2009: DETECTED IN LOWER HAINES CREEK. 2010: BIG TUJUNGA AT ORO VISTA AVE. 2011-2015: SPECIES FOUND THROUGHOUT STUDY AREA, FROM DELTA FLAT TO DAM.			
<b>Ecological:</b>	IN 1990, THIS POPULATION WAS LAST KNOWN FROM THE LOS ANGELES RIVER WATERSHED. VARIETY OF SUBSTRATES & FLOW TYPES INCLUDING POOLS. PERENNIAL ABOVE DELTA FLAT, INTERMITTENT BELOW. IN RIPARIAN WOODLAND W/ALDER, COTTONWOOD, MULEFAT, WILLOW.			
<b>General:</b>	COLLECTED IN 1968 & 1975. NONE FOUND DURING 1990-92 SURVEY. 22+ DETECTED, 1999. 100+ DET, 2000-01. COLLECTED 2002, 2003 & 2005. 13 DET, 2009. DET, 9 NOV & 58 ON 2 JUN 2010. 100S DET, AUG-OCT 2011. 146 DET, 16 SEP 2013. 25 DET, 9 OCT 2015.			
<b>Owner/Manager:</b>	USFS-ANGELES NF			



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<b>Catostomus santaanae</b>		<b>Element Code:</b> AFCJC02190	
Santa Ana sucker			
<b>Listing Status:</b>	<b>Federal:</b> Threatened	<b>CNDDDB Element Ranks:</b>	<b>Global:</b> G1
	<b>State:</b> None		<b>State:</b> S1
	<b>Other:</b> AFS_TH-Threatened, IUCN_VU-Vulnerable		
<b>Habitat:</b>	<b>General:</b> ENDEMIC TO LOS ANGELES BASIN SOUTH COASTAL STREAMS.		
	<b>Micro:</b> HABITAT GENERALISTS, BUT PREFER SAND-RUBBLE-BOULDER BOTTOMS, COOL, CLEAR WATER, AND ALGAE.		

<b>Occurrence No.</b>	7	<b>Map Index:</b>	01933	<b>EO Index:</b>	14836	<b>Element Last Seen:</b>	2007-05-10
<b>Occ. Rank:</b>	Poor	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>			2007-05-10
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Decreasing	<b>Record Last Updated:</b>			2010-05-19

**Quad Summary:** Sunland (3411833), San Fernando (3411834)  
**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.27299 / -118.31712	<b>Accuracy:</b>	non-specific area
<b>UTM:</b>	Zone-11 N3793210 E378752	<b>Elevation (ft):</b>	1200
<b>PLSS:</b>	T02N, R14W, Sec. 11 (S)	<b>Acres:</b>	634.0

**Location:** BIG TUJUNGA CREEK & PART OF HAINES CREEK, FROM HANSEN DAM E TO DELTA FLAT, N OF SUNLAND, LOS ANGELES COUNTY.  
**Detailed Location:** SWIFT: SPECIES COLLECTED AT HANSEN DAM IN 1972. 2001-06: TUJUNGA CRK AT FOOTHILL BRIDGE DOWNSTREAM TO JUNCTION WITH HAINES CREEK. 1999-2007: HAINES CREEK AND OUTLET STREAMS OF PONDS N OF HAINES CREEK, SW OF I-215 - NO FISH FOUND IN PONDS.  
**Ecological:** BANK VEGETATION IS ALNUS SP. AQUATIC VEGETATION OF CHARA & POTOMOGETON. ALSO FILAMENTOUS GREEN ALGAE IN PLACES. LOWER REACH DRIES EVERY YEAR.  
**General:** 1975: 15 FISH @ HANSEN DAM. FISH OBS IN '83. 5-7 ADULTS, 200 LARV & 1 JUV 18 MAY 2001. 12 FISH 1.5 KM S OF I-210 ON 8 MAY '02. 15 ADULTS & 50+ LARV APR '03. 0 OBS IN FOOTHILL POOL '06. 2001-06: SUCKERS COMMON IN HAINES CREEK, NONE IN PONDS.  
**Owner/Manager:** USFS-ANGELES NF, PVT

<b>Occurrence No.</b>	37	<b>Map Index:</b>	78812	<b>EO Index:</b>	79756	<b>Element Last Seen:</b>	2001-11-XX
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>			2002-07-17
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>			2010-05-05

**Quad Summary:** Condor Peak (3411832), Sunland (3411833)  
**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.27910 / -118.22091	<b>Accuracy:</b>	specific area
<b>UTM:</b>	Zone-11 N3793778 E387618	<b>Elevation (ft):</b>	
<b>PLSS:</b>	T02N, R13W, Sec. 10 (S)	<b>Acres:</b>	388.0

**Location:** BIG TUJUNGA CREEK, FROM DELTA FLAT AT TRAIL CANYON, EAST TO BIG TUJUNGA RESERVOIR DAM, LOS ANGELES COUNTY.  
**Detailed Location:** 1975: STATION #3 (IN SECTION 3), 0.7 KM NW OF BIG TUJUNGA STATION. MAPPED ACCORDING TO MAP AND DETAILED LOCATIONS PROVIDED.  
**Ecological:**  
**General:** 1975: 21 FISH TAKEN AT STATION 3. 17 JUL 2002: NO FISH OBS DURING SNORKELING SURVEY FROM DAM TO BIG TUJUNGA CANYON ROAD, BUT DAMKEEPER STATED SUCKERS WERE PRESENT PREVIOUS NOV (2001) IN POOL ABOVE GUNNITED SECTION BY BRIDGE.  
**Owner/Manager:** USFS-ANGELES NF, PVT



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<b><i>Lasiurus cinereus</i></b>		<b>Element Code:</b> AMACC05030	
hoary bat			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDB Element Ranks:</b>	<b>Global:</b> G3G4
	<b>State:</b> None		<b>State:</b> S4
	<b>Other:</b> IUCN_LC-Least Concern, WBWG_M-Medium Priority		
<b>Habitat:</b>	<b>General:</b> PREFERS OPEN HABITATS OR HABITAT MOSAICS, WITH ACCESS TO TREES FOR COVER AND OPEN AREAS OR HABITAT EDGES FOR FEEDING.		
	<b>Micro:</b> ROOSTS IN DENSE FOLIAGE OF MEDIUM TO LARGE TREES. FEEDS PRIMARILY ON MOTHS. REQUIRES WATER.		

<b>Occurrence No.</b>	58	<b>Map Index:</b>	25605	<b>EO Index:</b>	68817	<b>Element Last Seen:</b>	1904-05-07
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>			1904-05-07
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>			2007-03-16

**Quad Summary:** San Fernando (3411834)  
**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.28860 / -118.43243	<b>Accuracy:</b>	1 mile
<b>UTM:</b>	Zone-11 N3795084 E368162	<b>Elevation (ft):</b>	
<b>PLSS:</b>	T02N, R15W (S)	<b>Acres:</b>	0.0

**Location:** SAN FERNANDO.  
**Detailed Location:** MAPPED TO INCLUDE LAT/LONG COORDINATES PROVIDED BY MANIS, WITH UNCERTAINTY OF 1000 M.  
**Ecological:**  
**General:** 1 FEMALE SPECIMEN (MVZ #6945) COLLECTED BY JOSEPH GRINNELL ON 7 MAY 1904.  
**Owner/Manager:** UNKNOWN

<b><i>Corynorhinus townsendii</i></b>		<b>Element Code:</b> AMACC08010	
Townsend's big-eared bat			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDB Element Ranks:</b>	<b>Global:</b> G4
	<b>State:</b> None		<b>State:</b> S2
	<b>Other:</b> BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, USFS_S-Sensitive, WBWG_H-High Priority		
<b>Habitat:</b>	<b>General:</b> THROUGHOUT CALIFORNIA IN A WIDE VARIETY OF HABITATS. MOST COMMON IN MESIC SITES.		
	<b>Micro:</b> ROOSTS IN THE OPEN, HANGING FROM WALLS AND CEILINGS. ROOSTING SITES LIMITING. EXTREMELY SENSITIVE TO HUMAN DISTURBANCE.		

<b>Occurrence No.</b>	304	<b>Map Index:</b>	92079	<b>EO Index:</b>	93168	<b>Element Last Seen:</b>	1940-07-28
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>			1940-07-28
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>			2014-04-17

**Quad Summary:** Sunland (3411833), San Fernando (3411834)  
**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.29220 / -118.37520	<b>Accuracy:</b>	1 mile
<b>UTM:</b>	Zone-11 N3795412 E373434	<b>Elevation (ft):</b>	1510
<b>PLSS:</b>	T02N, R14W, Sec. 05 (S)	<b>Acres:</b>	0.0

**Location:** GENERAL AREA AROUND KAGEL CANYON ABOUT 2.1 MI SE LOPEZ DAM.  
**Detailed Location:** EXACT LOCATION UNKNOWN. MAPPED GENERALLY TO PROVIDED LOCALITY OF "KAGEL CANYON."  
**Ecological:**  
**General:** 1 MALE COLLECTED ON 28 JUL 1940 BY J. VAN NORDHEIM (LACM #7239).  
**Owner/Manager:** UNKNOWN



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<b><i>Lepus californicus bennettii</i></b>		<b>Element Code:</b> AMAEB03051	
San Diego black-tailed jackrabbit			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDDB Element Ranks:</b>	<b>Global:</b> G5T3T4
	<b>State:</b> None		<b>State:</b> S3S4
	<b>Other:</b> CDFW_SSC-Species of Special Concern		
<b>Habitat:</b>	<b>General:</b> INTERMEDIATE CANOPY STAGES OF SHRUB HABITATS AND OPEN SHRUB / HERBACEOUS AND TREE / HERBACEOUS EDGES.		
	<b>Micro:</b> COASTAL SAGE SCRUB HABITATS IN SOUTHERN CALIFORNIA.		

<b>Occurrence No.</b>	13	<b>Map Index:</b> 45413	<b>EO Index:</b> 45413	<b>Element Last Seen:</b> 2001-05-06
<b>Occ. Rank:</b>	Excellent	<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 2001-05-06	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2001-08-08	

**Quad Summary:** Sunland (3411833)  
**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.26990 / -118.35721	<b>Accuracy:</b>	80 meters
<b>UTM:</b>	Zone-11 N3792916 E375058	<b>Elevation (ft):</b>	1160
<b>PLSS:</b>	T02N, R14W, Sec. 09 (S)	<b>Acres:</b>	0.0

**Location:** BIG TUJUNGA WASH, SOUTH OF I-210, WEST OF SUNLAND.  
**Detailed Location:**  
**Ecological:** HABITAT CONSISTS OF RIVERSIDEAN ALLUVIAL FAN SAGE SCRUB (OLDER SERIAL STAGE).  
**General:** 1 ADULT OBSERVED ON 6 MAY 2001.  
**Owner/Manager:** DOD-COE

<b><i>Onychomys torridus ramona</i></b>		<b>Element Code:</b> AMAFF06022	
southern grasshopper mouse			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDDB Element Ranks:</b>	<b>Global:</b> G5T3
	<b>State:</b> None		<b>State:</b> S3
	<b>Other:</b> CDFW_SSC-Species of Special Concern		
<b>Habitat:</b>	<b>General:</b> DESERT AREAS, ESPECIALLY SCRUB HABITATS WITH FRIABLE SOILS FOR DIGGING. PREFERS LOW TO MODERATE SHRUB COVER.		
	<b>Micro:</b> FEEDS ALMOST EXCLUSIVELY ON ARTHROPODS, ESPECIALLY SCORPIONS AND ORTHOPTERAN INSECTS.		

<b>Occurrence No.</b>	26	<b>Map Index:</b> 58479	<b>EO Index:</b> 58515	<b>Element Last Seen:</b> 1904-03-28
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1904-03-28	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2004-12-10	

**Quad Summary:** Burbank (3411823), Sunland (3411833)  
**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.26015 / -118.33099	<b>Accuracy:</b>	1 mile
<b>UTM:</b>	Zone-11 N3791803 E377457	<b>Elevation (ft):</b>	1300
<b>PLSS:</b>	T02N, R14W, Sec. 15 (S)	<b>Acres:</b>	0.0

**Location:** LOS ANGELES, TUJUNGA VALLEY.  
**Detailed Location:**  
**Ecological:**  
**General:** ONE MALE SPECIMEN COLLECTED 28 MAR 1904 AT "TUJUNGA VALLEY." DEPOSITED AT MVZ #6993.  
**Owner/Manager:** UNKNOWN



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<b><i>Emys marmorata</i></b>		<b>Element Code:</b> ARAAD02030	
western pond turtle			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDB Element Ranks:</b>	<b>Global:</b> G3G4
	<b>State:</b> None		<b>State:</b> S3
	<b>Other:</b> BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_VU-Vulnerable, USFS_S-Sensitive		
<b>Habitat:</b>	<b>General:</b> A THOROUGHLY AQUATIC TURTLE OF PONDS, MARSHES, RIVERS, STREAMS AND IRRIGATION DITCHES, USUALLY WITH AQUATIC VEGETATION, BELOW 6000 FT ELEVATION.		
	<b>Micro:</b> NEEDS BASKING SITES AND SUITABLE (SANDY BANKS OR GRASSY OPEN FIELDS) UPLAND HABITAT UP TO 0.5 KM FROM WATER FOR EGG-LAYING.		

<b>Occurrence No.</b>	906	<b>Map Index:</b> 01769	<b>EO Index:</b> 28191	<b>Element Last Seen:</b>	XXXX-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	XXXX-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	1998-11-06
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.36194 / -118.31635		<b>Accuracy:</b>	non-specific area	
<b>UTM:</b>	Zone-11 N3803073 E378951		<b>Elevation (ft):</b>	2800	
<b>PLSS:</b>	T03N, R14W, Sec. 11, NE (S)		<b>Acres:</b>	40.3	
<b>Location:</b>	UPPER PACOIMA CREEK, AT 2800 FT ELEVATION; SAN GABRIEL MOUNTAINS.				
<b>Detailed Location:</b>	MAPPED WHERE 2800 FT ELEVATION IS AT OR NEAR THE CREEK LEVEL.				
<b>Ecological:</b>					
<b>General:</b>	COLLECTED BY A. SCHOENHER, DATE AND DEPOSITORY UNKNOWN.				
<b>Owner/Manager:</b>	USFS-ANGELES NF				

<b>Occurrence No.</b>	1038	<b>Map Index:</b> 72645	<b>EO Index:</b> 28196	<b>Element Last Seen:</b>	1987-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1987-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Decreasing	<b>Record Last Updated:</b>	2008-10-21
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.26861 / -118.34106		<b>Accuracy:</b>	non-specific area	
<b>UTM:</b>	Zone-11 N3792753 E376542		<b>Elevation (ft):</b>	1200	
<b>PLSS:</b>	T02N, R14W, Sec. 10 (S)		<b>Acres:</b>	847.0	
<b>Location:</b>	TUJUNGA WASH, ON THE SOUTH SIDE OF I-210, EAST AND WEST OF SUNLAND BOULEVARD, 5 MILES EAST OF SAN FERNANDO.				
<b>Detailed Location:</b>					
<b>Ecological:</b>					
<b>General:</b>	OBSERVED BY J. BRODE SEPT 23, 1975; FIELD SURVEY CONDUCTED APR-SEP 1987 BY BRATTSTROM AND MESSER (1988), SMALL POPULATION OBSERVED; BRATTSTROM (1990) CONSIDERS THIS POPULATION EXTIRPATED.				
<b>Owner/Manager:</b>	CITY OF LOS ANGELES, PVT, COE				





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<b>Occurrence No.</b>	1210	<b>Map Index:</b> 78627	<b>EO Index:</b> 79554	<b>Element Last Seen:</b>	2009-09-16
<b>Occ. Rank:</b>	Fair		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2009-09-16
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2010-04-19
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.37007 / -118.28034		<b>Accuracy:</b>	80 meters	
<b>UTM:</b>	Zone-11 N3803933 E382274		<b>Elevation (ft):</b>	3300	
<b>PLSS:</b>	T03N, R13W, Sec. 06, SE (S)		<b>Acres:</b>	0.0	
<b>Location:</b>	PACOIMA CANYON, JUST SW OF LONETREE CANYON, 0.8 MILE W OF DIAMOND CAMPGROUND, SAN GABRIEL MOUNTAINS, ANGELES NF.				
<b>Detailed Location:</b>	SMALL POOL LOCATED AT THE BOTTOM OF PACOIMA CANYON. MAPPED ACCORDING TO UTM COORDINATES PROVIDED.				
<b>Ecological:</b>	SURROUNDING SLOPES CONSIST OF LOOSE ROCKS AND SLOUGH, WITH VEGETATION MOSTLY BURNED FROM STATION FIRE. VEGETATION THAT REMAINS CONSISTS OF WILLOW, CHAPARRAL YUCCA, AND ANNUAL GRASSES.				
<b>General:</b>	ONE ADULT OBSERVED BASKING ON A ROCK AT 10:30AM ON 16 SEPT 2009.				
<b>Owner/Manager:</b>	USFS-ANGELES NF				
<b>Occurrence No.</b>	1211	<b>Map Index:</b> 78628	<b>EO Index:</b> 79555	<b>Element Last Seen:</b>	2009-09-19
<b>Occ. Rank:</b>	Fair		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2009-09-19
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2010-04-19
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.36331 / -118.28705		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3803191 E381647		<b>Elevation (ft):</b>	3156	
<b>PLSS:</b>	T03N, R13W, Sec. 07, NW (S)		<b>Acres:</b>	7.0	
<b>Location:</b>	SOUTH FORK PACOIMA CANYON AROUND YERBA TRAIL JCT, JUST E OF BAD CANYON, N OF MENDENHALL RIDGE, SAN GABRIEL MOUNTAINS.				
<b>Detailed Location:</b>	1.25 MILES WSW OF DIAMOND CAMPGROUND. MAPPED ACCORDING TO COORDINATES PROVIDED.				
<b>Ecological:</b>	HABITAT CONSISTED OF ONE SMALL POOL APPROX 20' X 5' ON THE SURFACE & LOCATED AT THE BOTTOM OF PACOIMA CANYON. SOME SMALLER SURROUNDING POOLS AND NEARBY SLOPES CONSISTED OF LOOSE ROCKS AND SLOUGH. VEGETATION MOSTLY BURNED FROM STATION FIRE.				
<b>General:</b>	1 ADULT & 1 JUVENILE OBSERVED 14 SEP 2009. 2 JUVENILES OBSERVED BASKING ON ROCKS AT 9:30AM ON 19 SEPT 2009. TWO OTHER JUVENILES OBSERVED LATER IN THE DAY BASKING ON ROCKS NEAR SAME POOL.				
<b>Owner/Manager:</b>	USFS-ANGELES NF				



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<b>Anniella stebbinsi</b>		<b>Element Code:</b> ARACC01060	
Southern California legless lizard			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDB Element Ranks:</b>	<b>Global:</b> G3
	<b>State:</b> None		<b>State:</b> S3
	<b>Other:</b> CDFW_SSC-Species of Special Concern, USFS_S-Sensitive		
<b>Habitat:</b>	<b>General:</b> GENERALLY SOUTH OF THE TRANSVERSE RANGE, EXTENDING TO NORTHWESTERN BAJA CALIFORNIA. OCCURS IN SANDY OR LOOSE LOAMY SOILS UNDER SPARSE VEGETATION. DISJUNCT POPULATIONS IN THE TEHACHAPI AND PIUTE MOUNTAINS IN KERN COUNTY.		
	<b>Micro:</b> VARIETY OF HABITATS; GENERALLY IN MOIST, LOOSE SOIL. THEY PREFER SOILS WITH A HIGH MOISTURE CONTENT.		

<b>Occurrence No.</b>	411	<b>Map Index:</b>	B1741	<b>EO Index:</b>	113657	<b>Element Last Seen:</b>	2018-08-23
<b>Occ. Rank:</b>	Poor	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		2018-08-23	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2018-12-20	

**Quad Summary:** Sunland (3411833)

**County Summary:** Los Angeles

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**Lat/Long:** 34.25368 / -118.27595      **Accuracy:** 80 meters

**UTM:** Zone-11 N3791020 E382517      **Elevation (ft):** 1956

**PLSS:** T02N, R13W, Sec. 18, SE (S)      **Acres:** 5.0

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**Location:** JUST NE OF DAY ST AT BLUE GUM CANYON RD, BLUE GUM CANYON, SW BASE SAN GABRIEL MOUNTAINS, TUJUNGA.

**Detailed Location:** POSSIBLY FOUND IN A RESIDENTIAL YARD.

**Ecological:** THIS IS RIGHT AT THE BORDER OF WHAT HAS RECENTLY BEEN REARRANGED AS NEW SPECIES ANNIELLA STEBBINSI (EAST & SOUTH OF HERE) AND THE OLD RANGE OF FORMER ANNIELLA PULCHRA THAT HAS NOT RECEIVED NEW SPECIES ASSIGNMENT, I.E. ANNIELLA SP.

**General:** 1 FOUND AND PHOTOGRAPHED ON 23 APR 2018.

**Owner/Manager:** UNKNOWN

<b>Anniella spp.</b>		<b>Element Code:</b> ARACC01070	
California legless lizard			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDB Element Ranks:</b>	<b>Global:</b> G3G4
	<b>State:</b> None		<b>State:</b> S3S4
	<b>Other:</b> CDFW_SSC-Species of Special Concern		
<b>Habitat:</b>	<b>General:</b> CONTRA COSTA COUNTY SOUTH TO SAN DIEGO, WITHIN A VARIETY OF OPEN HABITATS. THIS ELEMENT REPRESENTS CALIFORNIA RECORDS OF ANNIELLA NOT YET ASSIGNED TO NEW SPECIES WITHIN THE ANNIELLA PULCHRA COMPLEX.		
	<b>Micro:</b> VARIETY OF HABITATS; GENERALLY IN MOIST, LOOSE SOIL. THEY PREFER SOILS WITH A HIGH MOISTURE CONTENT.		



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<b>Occurrence No.</b>	8	<b>Map Index:</b> 45414	<b>EO Index:</b> 45414	<b>Element Last Seen:</b>	2001-05-06
<b>Occ. Rank:</b>	Excellent		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2001-05-06
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2018-05-02
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.26792 / -118.35134		<b>Accuracy:</b>	1/10 mile	
<b>UTM:</b>	Zone-11 N3792689 E375595		<b>Elevation (ft):</b>	1125	
<b>PLSS:</b>	T02N, R14W, Sec. 09 (S)		<b>Acres:</b>	0.0	
<b>Location:</b>	BIG TUJUNGA WASH, BETWEEN I-210 & WENTWORTH ST, ABOUT 1.3 MILES NW OF SUNLAND BLVD AT I-210, WEST OF SUNLAND.				
<b>Detailed Location:</b>	OBSERVED ON THE UPPER TERRACED HABITAT, ABOVE THE MAIN SEASONAL WASH FLOW AREA. FORMERLY A. P. PULCHRA EO #15.				
<b>Ecological:</b>	HABITAT CONSISTED OF RIVERSIDEAN ALLUVIAL FAN SAGE SCRUB, ON A ROCKY/SANDY SUBSTRATE. SURROUNDED BY WIDELY-SCATTERED CALIFORNIA SYCAMORES.				
<b>General:</b>	HISTORICALLY KNOWN FROM TUJUNGA WASH PRIOR TO 1930. 1 ADULT AND 1 JUVENILE OBSERVED ON 6 MAY 2001. IT IS CURRENTLY UNKNOWN WHICH NEWLY (2013) DESCRIBED SPECIES OF ANNIELLA OCCURS HERE; ALL ANNIELLA IN CALIFORNIA ARE AN SSC.				
<b>Owner/Manager:</b>	DOD-COE				
<b>Occurrence No.</b>	60	<b>Map Index:</b> A9253	<b>EO Index:</b> 111096	<b>Element Last Seen:</b>	201X-XX-XX
<b>Occ. Rank:</b>	Poor		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	201X-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2018-05-02
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.26227 / -118.29516		<b>Accuracy:</b>	non-specific area	
<b>UTM:</b>	Zone-11 N3791996 E380760		<b>Elevation (ft):</b>	1640	
<b>PLSS:</b>	T02N, R14W, Sec. 13, NE (S)		<b>Acres:</b>	11.0	
<b>Location:</b>	ALONG MCCLEMONT AVENUE JUST SOUTH OF HILLROSE STREET, COMMUNITY OF TUJUNGA.				
<b>Detailed Location:</b>	MAPPED TO PROVIDED DESCRIPTION OF 10600 BLOCK.				
<b>Ecological:</b>	RESIDENTIAL NEIGHBORHOOD.				
<b>General:</b>	ONE FOUND DEAD ON ROAD ("SQUASHED") AND COLLECTED AT 1945 HOURS ON AN UNRECORDED DATE; MOST LIKELY 2010 OR LATER. IT IS CURRENTLY UNKNOWN WHICH NEWLY (2013) DESCRIBED SPECIES OF ANNIELLA OCCURS HERE; ALL ANNIELLA IN CALIFORNIA ARE AN SSC.				
<b>Owner/Manager:</b>	UNKNOWN				



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<b>Occurrence No.</b>	61	<b>Map Index:</b> A9256	<b>EO Index:</b> 111100	<b>Element Last Seen:</b>	1941-05-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1941-05-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2018-05-02
<b>Quad Summary:</b>	Burbank (3411823), Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.25224 / -118.28871		<b>Accuracy:</b>	3/5 mile	
<b>UTM:</b>	Zone-11 N3790876 E381340		<b>Elevation (ft):</b>	1765	
<b>PLSS:</b>	T02N, R13W, Sec. 19 (S)		<b>Acres:</b>	776.0	
<b>Location:</b>	TUJUNGA, LOS ANGELES COUNTY.				
<b>Detailed Location:</b>	EXACT LOCATIONS OF OBSERVATIONS AND COLLECTIONS UNKNOWN.				
<b>Ecological:</b>					
<b>General:</b>	KNOWN FROM TUJUNGA PRIOR TO 1932. TWO COLLECTED AT TUJUNGA IN MAY 1941. IT IS CURRENTLY UNKNOWN WHICH NEWLY (2013) DESCRIBED SPECIES OF ANNIELLA OCCURS HERE; ALL ANNIELLA IN CALIFORNIA ARE AN SSC.				
<b>Owner/Manager:</b>	UNKNOWN				
<b>Occurrence No.</b>	62	<b>Map Index:</b> A9261	<b>EO Index:</b> 111104	<b>Element Last Seen:</b>	1963-03-16
<b>Occ. Rank:</b>	Fair		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1963-03-16
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2018-05-02
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.26599 / -118.36218		<b>Accuracy:</b>	non-specific area	
<b>UTM:</b>	Zone-11 N3792488 E374595		<b>Elevation (ft):</b>	1064	
<b>PLSS:</b>	T02N, R14W, Sec. 17, NE (S)		<b>Acres:</b>	22.0	
<b>Location:</b>	ALONG WENTWORTH STREET ABOUT 2 MILES NE OF GLENOAKS BLVD, VICINITY OF HANSEN DAM PARK, LOS ANGELES.				
<b>Detailed Location:</b>	MAPPED TO SPECIMEN LOCALITY. WENTWORTH ST RUNS ALONG THE N BASE OF "SHADOW HILLS" AND THE S SIDE OF THE STREET HAS MANY BOULDERS THAT HAVE PRESUMABLY FALLEN FROM THE STEEP SLOPE. THE TUJUNGA WASH ALSO LIKELY PROVIDES HABITAT FOR ANNIELLA.				
<b>Ecological:</b>	FOUND IN VICINITY OF ROADWAY "IN LOOSE SOIL AT BASE OF BOULDERS."				
<b>General:</b>	ONE COLLECTED ON 16 MAR 1963. IT IS CURRENTLY UNKNOWN WHICH NEWLY (2013) DESCRIBED SPECIES OF ANNIELLA OCCURS HERE; ALL ANNIELLA IN CALIFORNIA ARE AN SSC.				
<b>Owner/Manager:</b>	UNK, CITY OF LOS ANGELES				



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<b>Occurrence No.</b>	63	<b>Map Index:</b> A9262	<b>EO Index:</b> 111105	<b>Element Last Seen:</b> 1974-05-12
<b>Occ. Rank:</b>	Good		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1974-05-12
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2018-05-02

**Quad Summary:** Sunland (3411833), San Fernando (3411834)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.26959 / -118.37923	<b>Accuracy:</b>	2/5 mile
<b>UTM:</b>	Zone-11 N3792908 E373030	<b>Elevation (ft):</b>	1032
<b>PLSS:</b>	T02N, R14W, Sec. 7, SE (S)	<b>Acres:</b>	280.0

**Location:** NORTH SIDE OF HANSEN DAM PARK, VICINITY OF I-210 AND FOOTHILL BLVD, LOS ANGELES.

**Detailed Location:** MAPPED NON-SPECIFICALLY TO THE LOCALITY STATED AS "N. END OF HANSEN DAM NEAR SUNLAND" AND WITH RESPECT TO 1976 AERIALS.

**Ecological:** SINCE THE TIME OF COLLECTION I-210 AND FOOTHILL BLVD WERE CONSTRUCTED ALONG THE NORTH END OF THE BASIN, AS WELL AS A SPORTS PARK AND A EQUESTRIAN CENTER ON EITHER SIDE OF LITTLE TUJUNGA CREEK.

**General:** ONE WAS COLLECTED ON 12 MAY 1974; M. LONG FG 756. IT IS CURRENTLY UNKNOWN WHICH NEWLY (2013) DESCRIBED SPECIES OF ANNIELLA OCCURS HERE; ALL ANNIELLA IN CALIFORNIA ARE AN SSC.

**Owner/Manager:** CITY OF LOS ANGELES

<b>Occurrence No.</b>	64	<b>Map Index:</b> A9263	<b>EO Index:</b> 111106	<b>Element Last Seen:</b> 197X-XX-XX
<b>Occ. Rank:</b>	Good		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 197X-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2018-05-03

**Quad Summary:** Sunland (3411833)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.35412 / -118.35374	<b>Accuracy:</b>	2/5 mile
<b>UTM:</b>	Zone-11 N3802251 E375502	<b>Elevation (ft):</b>	2278
<b>PLSS:</b>	T03N, R14W, Sec. 9, S (S)	<b>Acres:</b>	280.0

**Location:** VICINITY OF PACOIMA WASH AND HONEYBEE CAMPGROUND, 8 MILES ENE OF I-5 AT I-210, SAN GABRIEL MTS, ANGELES NATIONAL FOREST.

**Detailed Location:**

**Ecological:**

**General:** FOUND IN THE AREA OF "HONEYBEE CAMP" BEFORE DATA SUMMARIZED IN 1976 REPORT. IT IS CURRENTLY UNKNOWN WHICH NEWLY (2013) DESCRIBED SPECIES OF ANNIELLA OCCURS HERE; ALL ANNIELLA IN CALIFORNIA ARE AN SSC.

**Owner/Manager:** USFS-ANGELES NF



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<b>Occurrence No.</b>	65	<b>Map Index:</b> A9271	<b>EO Index:</b> 111115	<b>Element Last Seen:</b>	197X-XX-XX
<b>Occ. Rank:</b>	Good		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	197X-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2018-05-03
<b>Quad Summary:</b>	San Fernando (3411834), Mint Canyon (3411844)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.37893 / -118.46627		<b>Accuracy:</b>	4/5 mile	
<b>UTM:</b>	Zone-11 N3805147 E365192		<b>Elevation (ft):</b>	1560	
<b>PLSS:</b>	T03N, R15W, Sec. 4 (S)		<b>Acres:</b>	1312.0	
<b>Location:</b>	PLACERITA CANYON NEAR PLACERITA CANYON NATURE CENTER, ABOUT 2 MILES EAST OF HIGHWAY 14, SAN GABRIEL MOUNTAINS.				
<b>Detailed Location:</b>	EXACT LOCATION OF DETECTION UNCERTAIN. REPORTED BY F. HOVORE OF PACERITA CYN NATURE CENTER IN 1976 PUBLICATION. HOWEVER, TOPO MAPS SHOW THE NATURE CENTER AT RUNNING HORSE RD (RESIDENTIAL), WHEREAS PRESENTLY THE CENTER IS ABOUT A 1/4 MI SE.				
<b>Ecological:</b>					
<b>General:</b>	FOUND IN THE AREA OF PLACERITA CANYON BEFORE DATA SUMMARIZED IN 1976 REPORT. IT IS CURRENTLY UNKNOWN WHICH NEWLY (2013) DESCRIBED SPECIES OF ANNIELLA OCCURS HERE; ALL ANNIELLA IN CALIFORNIA ARE AN SSC.				
<b>Owner/Manager:</b>	DPR-PLACERITA CANYON SP, PVT				
<b>Occurrence No.</b>	72	<b>Map Index:</b> A9292	<b>EO Index:</b> 111137	<b>Element Last Seen:</b>	197X-XX-XX
<b>Occ. Rank:</b>	Good		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	197X-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2018-05-03
<b>Quad Summary:</b>	Sunland (3411833), San Fernando (3411834)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.29497 / -118.37405		<b>Accuracy:</b>	1/5 mile	
<b>UTM:</b>	Zone-11 N3795716 E373545		<b>Elevation (ft):</b>	1459	
<b>PLSS:</b>	T03N, R14W, Sec. 32, SW (S)		<b>Acres:</b>	70.0	
<b>Location:</b>	DEXTER PARK IN KAGEL CANYON, SYLMAR, WESTERN SAN GABRIEL MOUNTAINS.				
<b>Detailed Location:</b>					
<b>Ecological:</b>	DESCRIBED BY CARETAKER AT DEXTER PARK AS BEING FAIRLY COMMON EACH SPRING IN THE MOIST LEAF LITTER OF THE OAK WOODLAND IN THE AREA.				
<b>General:</b>	FOUND AT DEXTER PARK BEFORE DATA SUMMARIZED IN 1976 REPORT. IT IS CURRENTLY UNKNOWN WHICH NEWLY (2013) DESCRIBED SPECIES OF ANNIELLA OCCURS HERE; ALL ANNIELLA IN CALIFORNIA ARE AN SSC.				
<b>Owner/Manager:</b>	LAX COUNTY				



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<b>Occurrence No.</b>	92	<b>Map Index:</b> B1842	<b>EO Index:</b> 113762	<b>Element Last Seen:</b>	2017-01-06
<b>Occ. Rank:</b>	Poor		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2017-01-06
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2019-01-07
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.25235 / -118.34498		<b>Accuracy:</b>	80 meters	
<b>UTM:</b>	Zone-11 N3790955 E376158		<b>Elevation (ft):</b>	1086	
<b>PLSS:</b>	T02N, R14W, Sec. 21, NW (S)		<b>Acres:</b>	5.0	
<b>Location:</b>	JUST SE OF SUNLAND BLVD AT SOMBRA VALLEY DR, NW VERDUGO MOUNTAINS, SUNLAND.				
<b>Detailed Location:</b>					
<b>Ecological:</b>	IT APPEARS TO HAVE BEEN FOUND ON THE PREMISES OF AN AQUATIC NURSERY.				
<b>General:</b>	1 FOUND AND PHOTOGRAPHED ON 6 JAN 2017. IT IS CURRENTLY UNKNOWN WHICH NEWLY (2013) DESCRIBED SPECIES OF ANNIELLA OCCURS HERE; ALL ANNIELLA IN CALIFORNIA ARE AN SSC.				
<b>Owner/Manager:</b>	UNKNOWN				
<b>Occurrence No.</b>	93	<b>Map Index:</b> B1843	<b>EO Index:</b> 113763	<b>Element Last Seen:</b>	2005-05-22
<b>Occ. Rank:</b>	Poor		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2005-05-22
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2019-01-07
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.26704 / -118.30062		<b>Accuracy:</b>	80 meters	
<b>UTM:</b>	Zone-11 N3792530 E380264		<b>Elevation (ft):</b>	1549	
<b>PLSS:</b>	T02N, R14W, Sec. 13, N (S)		<b>Acres:</b>	5.0	
<b>Location:</b>	NORTH SIDE OF WENTWORTH ST ABOUT 0.1 MILES E OF MT GLEASON AVE, TUJUNGA.				
<b>Detailed Location:</b>					
<b>Ecological:</b>	FOUND UNDER DEAD LEAVES IN A RESIDENTIAL YARD.				
<b>General:</b>	1 FOUND AND PHOTOGRAPHED ON 22 MAY 2005. IT IS CURRENTLY UNKNOWN WHICH NEWLY (2013) DESCRIBED SPECIES OF ANNIELLA OCCURS HERE; ALL ANNIELLA IN CALIFORNIA ARE AN SSC.				
<b>Owner/Manager:</b>	PVT				
<b>Occurrence No.</b>	96	<b>Map Index:</b> B1848	<b>EO Index:</b> 113767	<b>Element Last Seen:</b>	2018-09-21
<b>Occ. Rank:</b>	Poor		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2018-09-21
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2019-01-07
<b>Quad Summary:</b>	San Fernando (3411834)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.32254 / -118.42947		<b>Accuracy:</b>	80 meters	
<b>UTM:</b>	Zone-11 N3798845 E368488		<b>Elevation (ft):</b>	1498	
<b>PLSS:</b>	T03N, R15W, Sec. 26, NW (S)		<b>Acres:</b>	5.0	
<b>Location:</b>	ALONG THE SW SIDE OF BRUSSELS AVE ABOUT 0.2 MILES NW OF ASTORIA ST, 0.8 MILES NE OF I-210 AT POLK ST, SYLMAR.				
<b>Detailed Location:</b>					
<b>Ecological:</b>	APPARENTLY FOUND IN A RESIDENTIAL YARD IN A SMALL PLOT OF ENGLISH IVY NEAR LIQUIDAMBAR TREES.				
<b>General:</b>	1 COLLECTED ON 14 JUL 2018, AND 5 FOUND (1 PHOTOGRAPHED) ON 21 SEP 2018. IT IS CURRENTLY UNKNOWN WHICH NEWLY (2013) DESCRIBED SPECIES OF ANNIELLA OCCURS HERE; ALL ANNIELLA IN CALIFORNIA ARE AN SSC.				
<b>Owner/Manager:</b>	PVT				



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<b><i>Phrynosoma blainvillii</i></b>		<b>Element Code:</b> ARACF12100	
coast horned lizard			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDB Element Ranks:</b>	<b>Global:</b> G3G4
	<b>State:</b> None		<b>State:</b> S3S4
	<b>Other:</b> BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern		
<b>Habitat:</b>	<b>General:</b> FREQUENTS A WIDE VARIETY OF HABITATS, MOST COMMON IN LOWLANDS ALONG SANDY WASHES WITH SCATTERED LOW BUSHES.		
	<b>Micro:</b> OPEN AREAS FOR SUNNING, BUSHES FOR COVER, PATCHES OF LOOSE SOIL FOR BURIAL, AND ABUNDANT SUPPLY OF ANTS AND OTHER INSECTS.		

<b>Occurrence No.</b>	138	<b>Map Index:</b>	32734	<b>EO Index:</b>	28077	<b>Element Last Seen:</b>	2001-04-18
<b>Occ. Rank:</b>	Good	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		2001-04-18	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2006-01-23	

<b>Quad Summary:</b>	Sunland (3411833)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.26902 / -118.34146		<b>Accuracy:</b>	non-specific area			
<b>UTM:</b>	Zone-11 N3792799 E376506		<b>Elevation (ft):</b>	1120			
<b>PLSS:</b>	T02N, R14W (S)		<b>Acres:</b>	865.2			
<b>Location:</b>	TUJUNGA WASH, ON THE SOUTH SIDE OF I-210, EAST AND WEST OF SUNLAND BOULEVARD, 5 MILES EAST OF SAN FERNANDO.						
<b>Detailed Location:</b>	THIS AREA ENCOMPASSES ONE OF THE LAST LARGE AREAS OF ALLUVIAL FAN SCRUB IN LOS ANGELES COUNTY. LACM RECORD GIVES LOCATION ONLY AS "TUNGA WASH"						
<b>Ecological:</b>	HABITAT CONSISTS OF RIVERSIDEAN ALLUVIAL FAN SAGE SCRUB ABOVE AN ACTIVE DESERT WASH AREA.						
<b>General:</b>	INFORMATION FROM BRYANT 1911 (LITERATURE CITATION). 1 ADULT AND 3 INDIVIDUALS OF UNKNOWN AGE OBSERVED ON 3 OCT 2000. 1 ADULT OBSERVED ON 18 APR 2001. LACM #19865 COLLECTED 30 MAR 1934.						
<b>Owner/Manager:</b>	CITY OF LOS ANGELES, PVT, COE						

<b>Occurrence No.</b>	139	<b>Map Index:</b>	02025	<b>EO Index:</b>	28069	<b>Element Last Seen:</b>	1959-05-10
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		1959-05-10	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		1989-08-10	

<b>Quad Summary:</b>	Condor Peak (3411832), Sunland (3411833)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.28082 / -118.23979		<b>Accuracy:</b>	1 mile			
<b>UTM:</b>	Zone-11 N3793988 E385882		<b>Elevation (ft):</b>	3400			
<b>PLSS:</b>	T02N, R13W, Sec. 09, NE (S)		<b>Acres:</b>	0.0			
<b>Location:</b>	MT LUKENS TRAIL FROM BIG TUJUNGA CYN, ANGELES NF.						
<b>Detailed Location:</b>							
<b>Ecological:</b>							
<b>General:</b>	LACM SPECIMEN #26968.						
<b>Owner/Manager:</b>	USFS-ANGELES NF						





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<b>Occurrence No.</b>	141	<b>Map Index:</b> 01830	<b>EO Index:</b> 28070	<b>Element Last Seen:</b> 1954-06-04
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1954-06-04
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2012-10-10

**Quad Summary:** Sunland (3411833)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.33772 / -118.36154	<b>Accuracy:</b>	3/5 mile
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<b>UTM:</b>	Zone-11 N3800442 E374760	<b>Elevation (ft):</b>	2300
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<b>PLSS:</b>	T03N, R14W, Sec. 17 (S)	<b>Acres:</b>	0.0
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**Location:** 3 MILES NORTH OF LITTLE TUJUNGA STATION, ANGELES NATIONAL FOREST.

**Detailed Location:** LOCALITY STATED AS "SAN GABRIEL MTS. 3 MI N LITTLE TUGUNGA RANGER STATION." MAPPED 3 AIR MILES NORTH IN THE VICINITY OF KAGEL MOUNTAIN ROAD AND LITTLE TUJUNGA ROAD.

**Ecological:**

**General:** CUNNINGHAM COLLECTED 1 ON 4 JUN 1954 (LACM #19864).

**Owner/Manager:** USFS-ANGELES NF

<b>Occurrence No.</b>	154	<b>Map Index:</b> 01800	<b>EO Index:</b> 28065	<b>Element Last Seen:</b> 1954-05-19
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1954-05-19
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2012-10-11

**Quad Summary:** Sunland (3411833)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.36514 / -118.36205	<b>Accuracy:</b>	3/5 mile
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<b>UTM:</b>	Zone-11 N3803483 E374753	<b>Elevation (ft):</b>	2600
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<b>PLSS:</b>	T03N, R14W, Sec. 08, NE (S)	<b>Acres:</b>	0.0
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**Location:** 5 MILES NORTH OF LITTLE TUJUNGA STATION, SAN GABRIEL MOUNTAINS.

**Detailed Location:** LOCALITY STATED AS "SAN GABRIEL MTS. 5 MI N LITTLE TUGUNGA RANGER STATION." MAPPED 5 AIR MILES NORTH IN THE VICINITY OF SANTA CLARA DIVIDE ROAD.

**Ecological:**

**General:** LACM SPECIMEN #19863 COLLECTED 19 MAY 1954 BY CUNNINGHAM.

**Owner/Manager:** USFS-ANGELES NF

<b>Occurrence No.</b>	199	<b>Map Index:</b> 01848	<b>EO Index:</b> 28027	<b>Element Last Seen:</b> XXXX-XX-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> XXXX-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 1989-08-10

**Quad Summary:** Sunland (3411833)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.35387 / -118.33396	<b>Accuracy:</b>	1/5 mile
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<b>UTM:</b>	Zone-11 N3802199 E377320	<b>Elevation (ft):</b>	3400
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<b>PLSS:</b>	T03N, R14W, Sec. 10, S (S)	<b>Acres:</b>	0.0
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**Location:** NW SLOPE MENDENHALL PEAK ABOVE PACOIMA CANYON, ANGELES NF.

**Detailed Location:**

**Ecological:**

**General:** CAS SPECIMEN; DATE OF COLLECTION UNKNOWN.

**Owner/Manager:** USFS-ANGELES NF



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<b>Occurrence No.</b>	353	<b>Map Index:</b> 20211	<b>EO Index:</b> 9614	<b>Element Last Seen:</b>	1949-05-01
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1949-05-01
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2006-01-23

**Quad Summary:** Sunland (3411833)

**County Summary:** Los Angeles

**Lat/Long:** 34.26994 / -118.28269 **Accuracy:** 1 mile

**UTM:** Zone-11 N3792831 E381918 **Elevation (ft):** 2200

**PLSS:** T02N, R13W, Sec. 07 (S) **Acres:** 0.0

**Location:** VERDUGO HILLS, TUJUNGA.

**Detailed Location:**

**Ecological:**

**General:** LACM SPECIMEN #19862 COLLECTED 1 MAY 1949 BY ZWEIFEL. BRATTSTROM ERRONEOUSLY GIVES COLLECTION DATE AS SOMETIME BETWEEN 1985-91.

**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	697	<b>Map Index:</b> 78380	<b>EO Index:</b> 79310	<b>Element Last Seen:</b>	2009-05-28
<b>Occ. Rank:</b>	Fair		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2009-05-28
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2010-03-22

**Quad Summary:** Sunland (3411833)

**County Summary:** Los Angeles

**Lat/Long:** 34.30033 / -118.27522 **Accuracy:** 1/10 mile

**UTM:** Zone-11 N3796193 E382648 **Elevation (ft):** 1553

**PLSS:** T03N, R13W, Sec. 31, SE (S) **Acres:** 0.0

**Location:** ALONG TUJUNGA CREEK AT BRYANT CANYON, JUST NW OF BIG TUJUNGA RANCH, 2.75 MILES NE FROM CITY OF SUNLAND, ANGELES NF.

**Detailed Location:** NORTH OF BIG TUJUNGA CANYON ROAD. MAPPED ACCORDING TO UTM COORDINATES PROVIDED.

**Ecological:** OPEN COBBLE WASH IN BIG TUJUNGA CREEK WITH MIXED RIPARIAN WOODLAND BANKS CONSISTING OF MULE FAT, WILLOW, ALDER, OAK, COTTONWOOD, & SYCAMORE. ABOUT 10 CABINS ON S SIDE OF CREEK WITH PONDS CONSTRUCTED BY OWNERS WHERE BULLFROGS BREED.

**General:** ONE ADULT OBSERVED ON 28 MAY 2009. TWO-STRIPED GARTER SNAKE ALSO FOUND IN STOMACH CONTENTS OF BULLFROG IN AREA.

**Owner/Manager:** USFS-ANGELES NF, PVT



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<b>Occurrence No.</b>	762	<b>Map Index:</b>	81914	<b>EO Index:</b>	82888	<b>Element Last Seen:</b>	1958-08-21
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		1958-08-21	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2011-03-03	

**Quad Summary:** San Fernando (3411834), Oat Mountain (3411835), Mint Canyon (3411844), Newhall (3411845)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.38287 / -118.50526	<b>Accuracy:</b>	1 mile
<b>UTM:</b>	Zone-11 N3805636 E361613	<b>Elevation (ft):</b>	1345
<b>PLSS:</b>	T04N, R16W, Sec. 36 (S)	<b>Acres:</b>	0.0

**Location:** PLACERITA CANYON, JUST E OF NEWHALL (TOWN) & W OF HWY14.

**Detailed Location:** SDNHM #4428 STATED LOCALITY "PLACERITA CANYON, NEAR NEWHALL" & #19361 STATED LOCALITY "PLACERITA CANYON." MAPPED TO COORDINATES PROVIDED BY SDNHM #4428. EXACT LOCATIONS ARE UNKNOWN.

**Ecological:**

**General:** SDNHM SPECIMEN #4428 (25 APRIL 1931) AND #19361 (21 AUG 1958).

**Owner/Manager:** CITY OF SANTA CLARITA, UNKNOWN

<b><i>Aspidoscelis tigris stejnegeri</i></b>		<b>Element Code:</b> ARACJ02143
coastal whiptail		
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDB Element Ranks:</b> <b>Global:</b> G5T5
	<b>State:</b> None	<b>State:</b> S3
	<b>Other:</b> CDFW_SSC-Species of Special Concern	
<b>Habitat:</b>	<b>General:</b> FOUND IN DESERTS AND SEMI-ARID AREAS WITH SPARSE VEGETATION AND OPEN AREAS. ALSO FOUND IN WOODLAND AND RIPARIAN AREAS.	
	<b>Micro:</b> GROUND MAY BE FIRM SOIL, SANDY, OR ROCKY.	

<b>Occurrence No.</b>	82	<b>Map Index:</b>	62277	<b>EO Index:</b>	62314	<b>Element Last Seen:</b>	2005-08-01
<b>Occ. Rank:</b>	Good	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		2005-08-01	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2005-08-11	

**Quad Summary:** San Fernando (3411834)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.32981 / -118.41489	<b>Accuracy:</b>	80 meters
<b>UTM:</b>	Zone-11 N3799632 E369839	<b>Elevation (ft):</b>	1790
<b>PLSS:</b>	T03N, R15W, Sec. 23 (S)	<b>Acres:</b>	0.0

**Location:** NORTH EDGE OF VETERANS MEMORIAL PARK, NEAR THE MOUTH OF LOOP CANYON, SYLMAR.

**Detailed Location:** SITE IS LOCATED LESS THAN 200 M FROM THE SOUTHERN BOUNDARY OF ANGELES NATIONAL FOREST.

**Ecological:** HABITAT CONSISTS OF COASTAL SCRUB DOMINATED BY MALOSMA LAURINA, WITH ASSOCIATES THAT INCLUDE ERIOGONUM FASCICULATUM, ARTEMISIA CALIFORNICA, LOTUS SCOPARIUS, AND ERIODICTYON CRASSIFOLIUM. SANDSTONE/SANDY LOAM SOILS ON A SE ASPECT/20% SLOPE.

**General:** 1 ADULT OBSERVED ON 1 AUG 2005.

**Owner/Manager:** LAX COUNTY-PARKS & REC



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<b>Occurrence No.</b>	99	<b>Map Index:</b> 32734	<b>EO Index:</b> 35025	<b>Element Last Seen:</b>	1988-05-09
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1988-05-09
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2001-05-02
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.26902 / -118.34146		<b>Accuracy:</b>	non-specific area	
<b>UTM:</b>	Zone-11 N3792799 E376506		<b>Elevation (ft):</b>	1200	
<b>PLSS:</b>	T02N, R14W (S)		<b>Acres:</b>	865.2	
<b>Location:</b>	TUJUNGA WASH, ON THE SOUTH SIDE OF I-210, EAST AND WEST OF SUNLAND BOULEVARD, 5 MILES EAST OF SAN FERNANDO.				
<b>Detailed Location:</b>	LIZARDS OBSERVED IN THE EASTERN PORTION OF MAPPED AREA, PRIMARILY EAST OF HIGHWAY 118 (FOOTHILL BLVD).				
<b>Ecological:</b>	RIVERSIDEAN ALLUVIAL SAGE SCRUB ON SLIGHT SLOPE WITH A SOUTH FACING ASPECT. SANDY-GRAVELLY SOIL; ASSOC WITH JUNIPERUS CAL., YUCCA WHIPPLEI, ERIOGONUM FASCICULATUM, OPUNTIA LITTORALIS, CHORIZANTHE CORIACEA, C. CALIFORNICA.				
<b>General:</b>	2 OBSERVED ON 9 MAY 1988.				
<b>Owner/Manager:</b>	CITY OF LOS ANGELES, PVT, COE				
<b>Occurrence No.</b>	151	<b>Map Index:</b> B4318	<b>EO Index:</b> 117246	<b>Element Last Seen:</b>	2017-06-13
<b>Occ. Rank:</b>	Good		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2017-06-13
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2019-10-29
<b>Quad Summary:</b>	San Fernando (3411834)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.30916 / -118.40953		<b>Accuracy:</b>	80 meters	
<b>UTM:</b>	Zone-11 N3797335 E370302		<b>Elevation (ft):</b>	1285	
<b>PLSS:</b>	T03N, R15W, Sec. 25, SW (S)		<b>Acres:</b>	5.0	
<b>Location:</b>	PACOIMA WASH, ON THE S SIDE OF HARDING ST ABOUT 0.2 MI SW OF THE DEL SOL DR INTXN & 1.1 MI NNE OF I-210 AT ARROYO ST.				
<b>Detailed Location:</b>	MAPPED TO PROVIDED COORDINATES.				
<b>Ecological:</b>	BLACK WILLOW THICKETS, CHAMISE CHAPARRAL, & CALIFORNIA SAGEBRUSH SCRUB WITH ALLUVIAL DEPOSITS ALONG PACOIMA WASH; MANY OPEN UNVEGETATED SECTIONS WITH LARGE COBBLE SUBSTRATE. ADJACENT TO RESIDENTIAL, COLLEGE CAMPUS, OPEN SPACE.				
<b>General:</b>	3 ADULTS OBSERVED ON 13 JUN 2017.				
<b>Owner/Manager:</b>	USACE				



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<b>Arizona elegans occidentalis</b>		<b>Element Code:</b> ARADB01017	
California glossy snake			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDDB Element Ranks:</b>	<b>Global:</b> G5T2
	<b>State:</b> None		<b>State:</b> S2
	<b>Other:</b> CDFW_SSC-Species of Special Concern		
<b>Habitat:</b>	<b>General:</b> PATCHILY DISTRIBUTED FROM THE EASTERN PORTION OF SAN FRANCISCO BAY, SOUTHERN SAN JOAQUIN VALLEY, AND THE COAST, TRANSVERSE, AND PENINSULAR RANGES, SOUTH TO BAJA CALIFORNIA.		
	<b>Micro:</b> GENERALIST REPORTED FROM A RANGE OF SCRUB AND GRASSLAND HABITATS, OFTEN WITH LOOSE OR SANDY SOILS.		

<b>Occurrence No.</b>	237	<b>Map Index:</b>	27687	<b>EO Index:</b>	105431	<b>Element Last Seen:</b>	1946-XX-XX
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		1946-XX-XX	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2017-02-21	
<b>Quad Summary:</b>	Sunland (3411833)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.31975 / -118.33728		<b>Accuracy:</b>	1 mile			
<b>UTM:</b>	Zone-11 N3798420 E376965		<b>Elevation (ft):</b>	1800			
<b>PLSS:</b>	T03N, R14W, Sec. 27 (S)		<b>Acres:</b>	0.0			
<b>Location:</b>	4 MI NW OF SUNLAND.						
<b>Detailed Location:</b>	POSSIBLY FROM ALONG LITTLE TUJUNGA CANYON.						
<b>Ecological:</b>							
<b>General:</b>	KLAUBER 1946 ARTICLE NAMED 4 MI NW OF SUNLAND AS OCCURRENCE LOCALITY.						
<b>Owner/Manager:</b>	UNKNOWN						

<b>Thamnophis hammondi</b>		<b>Element Code:</b> ARADB36160	
two-striped gartersnake			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDDB Element Ranks:</b>	<b>Global:</b> G4
	<b>State:</b> None		<b>State:</b> S3S4
	<b>Other:</b> BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, USFS_S-Sensitive		
<b>Habitat:</b>	<b>General:</b> COASTAL CALIFORNIA FROM VICINITY OF SALINAS TO NORTHWEST BAJA CALIFORNIA. FROM SEA TO ABOUT 7,000 FT ELEVATION.		
	<b>Micro:</b> HIGHLY AQUATIC. FOUND IN OR NEAR PERMANENT FRESH WATER. OFTEN ALONG STREAMS WITH ROCKY BEDS AND RIPARIAN GROWTH.		



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<b>Occurrence No.</b>	124	<b>Map Index:</b>	78430	<b>EO Index:</b>	79350	<b>Element Last Seen:</b>	2009-09-19
<b>Occ. Rank:</b>	Fair	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		2009-09-19	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2010-03-24	
<b>Quad Summary:</b>	Sunland (3411833)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.36330 / -118.28709			<b>Accuracy:</b>	80 meters		
<b>UTM:</b>	Zone-11 N3803189 E381644			<b>Elevation (ft):</b>	3156		
<b>PLSS:</b>	T03N, R13W, Sec. 07, NW (S)			<b>Acres:</b>	0.0		
<b>Location:</b>	SOUTH FORK PACOIMA CANYON AROUND YERBA TRAIL JCT, JUST E OF BAD CANYON, N OF MENDENHALL RIDGE, SAN GABRIEL MOUNTAINS.						
<b>Detailed Location:</b>	1.25 MILES WSW OF DIAMOND CAMPGROUND. MAPPED ACCORDING TO COORDINATES PROVIDED.						
<b>Ecological:</b>	HABITAT CONSISTED OF 1 SMALL POOL (SURFACE AREA ABOUT 20' X 5') AT BOTTOM OF PACOIMA CANYON. SOME SMALLER SURROUNDING POOLS & NEARBY SLOPES CONSISTED OF LOOSE ROCKS & SLOUGH. VEG MOSTLY BURNED IN STATION FIRE. SOME WILLOW, YUCCA & GRASSES.						
<b>General:</b>	ONE ADULT OBSERVED BOBBING HEAD ON WATER, OTHERWISE FULLY SUBMERGED IN POOL ON 19 SEPT 2009. 1 ADULT AND 1 JUVENILE POND TURTLE ALSO OBSERVED IN SAME POOL ON 14 SEPT 2009.						
<b>Owner/Manager:</b>	USFS-ANGELES NF						
<b>Occurrence No.</b>	126	<b>Map Index:</b>	78380	<b>EO Index:</b>	79353	<b>Element Last Seen:</b>	2009-05-28
<b>Occ. Rank:</b>	Fair	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		2009-05-28	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2010-03-24	
<b>Quad Summary:</b>	Sunland (3411833)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.30033 / -118.27522			<b>Accuracy:</b>	1/10 mile		
<b>UTM:</b>	Zone-11 N3796193 E382648			<b>Elevation (ft):</b>	1553		
<b>PLSS:</b>	T03N, R13W, Sec. 31, SE (S)			<b>Acres:</b>	0.0		
<b>Location:</b>	ALONG TUJUNGA CREEK AT BRYANT CANYON, JUST NW OF BIG TUJUNGA RANCH, 2.75 MILES NE FROM CITY OF SUNLAND, ANGELES NF.						
<b>Detailed Location:</b>	NORTH OF BIG TUJUNGA CANYON ROAD. MAPPED ACCORDING TO UTM COORDINATES PROVIDED.						
<b>Ecological:</b>	OPEN COBBLE WASH IN BIG TUJUNGA CREEK WITH MIXED RIPARIAN WOODLAND BANKS CONSISTING OF MULE FAT, WILLOW, ALDER, OAK, COTTONWOOD, & SYCAMORE. APPROX 10 CABINS ON S SIDE OF CREEK WITH PONDS CONSTRUCTED BY OWNERS WHERE BULLFROGS BREED.						
<b>General:</b>	ONE ADULT SNAKE FOUND PARTIALLY DIGESTED IN STOMACH OF BULLFROG TAKEN BY REPORTER ON 28 MAY 2009. PHRYNOSOMA BLAINVILLII ALSO OBSERVED IN AREA.						
<b>Owner/Manager:</b>	USFS-ANGELES NF, LAX COUNTY						



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<b>Occurrence No.</b>	187	<b>Map Index:</b> B4319	<b>EO Index:</b> 117247	<b>Element Last Seen:</b>	2017-05-19
<b>Occ. Rank:</b>	Good		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2017-05-19
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2019-10-30
<b>Quad Summary:</b>	San Fernando (3411834)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.3489 / -118.38474		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3801711 E372643		<b>Elevation (ft):</b>	1995	
<b>PLSS:</b>	T03N, R14W, Sec. 18, NE (S)		<b>Acres:</b>	20.0	
<b>Location:</b>	PACOIMA CREEK, FROM 0.8-1.3 AIR MI NE OF PACOIMA DAM, ABOUT 2.5 MI NW OF LIMEROCK PEAK, ANGELES NF.				
<b>Detailed Location:</b>	MAPPED TO PROVIDED COORDINATES. UNSURE IF 2009 COORDINATES WERE MEANT TO CAPTURE LOCATION OF ALL FOUR DETECTIONS.				
<b>Ecological:</b>	2009: CREEK WITH SANDY SUBSTRATE AND BANKS VEGETATED WITH MULEFAT, WILLOW AND ALDER. 2017: SURVEY AREA MOSTLY OPEN WITH LARGE BOULDERS, COBBLE, GRAVEL, AND COARSE SAND; AND STRIPS OF SOUTHERN RIPARIAN SCRUB WITH MULEFAT AND WILLOW SAPPLINGS.				
<b>General:</b>	2 ADULTS AND 2 NEONATES OBSERVED ON 7 JUL 2009. 3 ADULTS OBSERVED ON 19 MAY 2017.				
<b>Owner/Manager:</b>	USFS-ANGELES NF, LADPW				

<b>Southern California Arroyo Chub/Santa Ana Sucker Stream</b>			<b>Element Code:</b> CARE2330CA		
Southern California Arroyo Chub/Santa Ana Sucker Stream					
<b>Listing Status:</b>	<b>Federal:</b> None		<b>CNDDB Element Ranks:</b>	<b>Global:</b> GNR	
	<b>State:</b> None			<b>State:</b> SNR	
	<b>Other:</b>				
<b>Habitat:</b>	<b>General:</b> <input type="checkbox"/>				
	<b>Micro:</b> <input type="checkbox"/>				

<b>Occurrence No.</b>	1	<b>Map Index:</b> 35341	<b>EO Index:</b> 29445	<b>Element Last Seen:</b>	1992-XX-XX
<b>Occ. Rank:</b>	Poor		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1992-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Decreasing	<b>Record Last Updated:</b>	1996-09-24
<b>Quad Summary:</b>	Condor Peak (3411832), Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.28258 / -118.19792		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3794138 E389739		<b>Elevation (ft):</b>	400	
<b>PLSS:</b>	T02N, R13W, Sec. 01 (S)		<b>Acres:</b>	857.9	
<b>Location:</b>	BIG TUJUNGA CANYON CREEK, LOS ANGELES COUNTY.				
<b>Detailed Location:</b>	FROM OUTLET OF BIG TUJUNGA DAM DOWNSTREAM TO MOUTH IN HANSEN DAM RESERVOIR.				
<b>Ecological:</b>	SURVEYS FROM 1990-92 FOUND ARROYO CHUB (COMMON), SANTA ANA SUCKER (VERY RARE) AND SANTA ANA SPECKLED DACE (ABSENT, POSSIBLY EXTIRPATED). ALNUS SP. IS DOMINANT BANK VEGETATION; CHARA FOUND NEAR SHORE AND POTAMOGETON IN BACK WATERS.				
<b>General:</b>	ABOUT 50% OF STREAM IS IN ANGELES NF, WHICH ACCOUNTS FOR MORE THAN 90% OF THE UPPER REACHES WHICH IS PERENNIAL AND RELATIVELY UNDISTURBED.				
<b>Owner/Manager:</b>	USFS-ANGELES NF, PVT				

<b>Riversidian Alluvial Fan Sage Scrub</b>			<b>Element Code:</b> CTT32720CA		
Riversidian Alluvial Fan Sage Scrub					
<b>Listing Status:</b>	<b>Federal:</b> None		<b>CNDDB Element Ranks:</b>	<b>Global:</b> G1	
	<b>State:</b> None			<b>State:</b> S1.1	
	<b>Other:</b>				
<b>Habitat:</b>	<b>General:</b> <input type="checkbox"/>				



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**Micro:**

<b>Occurrence No.</b>	6	<b>Map Index:</b>	01851	<b>EO Index:</b>	22800	<b>Element Last Seen:</b>	1985-02-09
<b>Occ. Rank:</b>	Fair	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>	1985-02-09	<b>Record Last Updated:</b>	1998-07-13
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Decreasing				
<b>Quad Summary:</b>	Sunland (3411833)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.26954 / -118.35841			<b>Accuracy:</b>	specific area		
<b>UTM:</b>	Zone-11 N3792877 E374946			<b>Elevation (ft):</b>	1260		
<b>PLSS:</b>	T02N, R14W, Sec. 09 (S)			<b>Acres:</b>	284.3		
<b>Location:</b>	BIG TUJUNGA WASH, NEAR SUNLAND.						
<b>Detailed Location:</b>	FLOODPLAIN OF INTERMITTENT TUJUNGA CREEK. MAPPED FROM GROUND SURVEY, MAY EXTEND U/S.						
<b>Ecological:</b>	SPECIES INCLUDE OPUNTIA OCCIDENTALIS, O. PARRYI, ERIOGONUM FASCICULATUM, ERICAMERIA PINIFOLIA, YUCCA WHIPPLEI, SALVIA MELLIFERA, GUTIERREZIA SP. RIPARIAN, CHAPARRAL & DESERT VEG. IN VICINITY.						
<b>General:</b>	MORE SPECIFIC SPECIES INFO IN GMF FILE FOR THIS OCCURRENCE. SEE <a href="https://wildlife.ca.gov/Data/VegCamp/Natural-Communities">HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES</a> TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.						
<b>Owner/Manager:</b>	USFS, LA FLOOD CONT DIST, PVT						

<b>Occurrence No.</b>	14	<b>Map Index:</b>	01804	<b>EO Index:</b>	25076	<b>Element Last Seen:</b>	1978-09-19
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>	1978-09-19	<b>Record Last Updated:</b>	1997-04-14
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown				
<b>Quad Summary:</b>	Sunland (3411833)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.30289 / -118.34716			<b>Accuracy:</b>	specific area		
<b>UTM:</b>	Zone-11 N3796562 E376031			<b>Elevation (ft):</b>	1320		
<b>PLSS:</b>	T03N, R14W, Sec. 33 (S)			<b>Acres:</b>	309.3		
<b>Location:</b>	LITTLE TUJUNGA CANYON, ABOUT 1.1 MI ABOVE CONFLUENCE OF GOLD CREEK D/S ABOUT 3 MILES INCL LESS THAN 1 MI GOLD CREEK.						
<b>Detailed Location:</b>							
<b>Ecological:</b>	MAPPED BY WIESLANDER SURVEY AS OPEN QUERCUS AGRIFOLIA & PLATANUS RACEMOSA OVER BACCHARIS SALICIFOLIA & ERIOGONUM FASCICULATUM. EXTANT SCRUB W/SCATTERED P. RACEMOSA & Q. AGRIFOLIA IN 1978 PER INTERPRETATION OF AERIAL PHOTOS.						
<b>General:</b>	NEEDS FIELD CHECK. SEE <a href="https://wildlife.ca.gov/Data/VegCamp/Natural-Communities">HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES</a> TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.						
<b>Owner/Manager:</b>	USFS-ANGELES NF						





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<b>Occurrence No.</b>	15	<b>Map Index:</b>	01963	<b>EO Index:</b>	25084	<b>Element Last Seen:</b>	1935-XX-XX
<b>Occ. Rank:</b>	None	<b>Presence:</b>	Extirpated	<b>Site Last Seen:</b>	1978-09-19	<b>Record Last Updated:</b>	1995-11-13
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b>	Unknown			
<b>Quad Summary:</b>	Sunland (3411833)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.25583 / -118.27841		<b>Accuracy:</b>	1/5 mile			
<b>UTM:</b>	Zone-11 N3791261 E382292		<b>Elevation (ft):</b>	2000			
<b>PLSS:</b>	T02N, R13W, Sec. 18, SE (S)		<b>Acres:</b>	0.0			
<b>Location:</b>	HAINES CANYON AVENUE, TUJUNGA.						
<b>Detailed Location:</b>							
<b>Ecological:</b>	ARTEMISIA CALIFORNICA, ERIOGONUM FASCICULATUM & RHUS INTEGRIFOLIA ACCORDING TO WIESLANDER SURVEY.						
<b>General:</b>	SEE <a href="https://wildlife.ca.gov/Data/VegCamp/Natural-Communities">HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES</a> TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.						
<b>Owner/Manager:</b>	UNKNOWN						

<b>Occurrence No.</b>	26	<b>Map Index:</b>	01710	<b>EO Index:</b>	22497	<b>Element Last Seen:</b>	1978-09-19
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>	1978-09-19	<b>Record Last Updated:</b>	1998-07-13
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b>	Decreasing			
<b>Quad Summary:</b>	Sunland (3411833), San Fernando (3411834)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.26670 / -118.38420		<b>Accuracy:</b>	specific area			
<b>UTM:</b>	Zone-11 N3792594 E372568		<b>Elevation (ft):</b>	1000			
<b>PLSS:</b>	T02N, R14W, Sec. 18 (S)		<b>Acres:</b>	185.3			
<b>Location:</b>	HANSEN DAM PARK (FLOOD CONTROL BASIN); TERMINUS OF BIG TUJUNGA CANYON.						
<b>Detailed Location:</b>	1978 EXTANT AS INTERPRETED FROM AERIAL PHOTOS SHOWN; MOST OF 1935 EXTANT HAS BEEN EXTIRPATED BY URBANIZATION.						
<b>Ecological:</b>	LEPIDOSPARTUM SQUAMATUM, ERIOGONUM FASCICULATUM & LOTUS SCOPARIUS.						
<b>General:</b>	SEE <a href="https://wildlife.ca.gov/Data/VegCamp/Natural-Communities">HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES</a> TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.						
<b>Owner/Manager:</b>	LAX COUNTY						

<b>Southern Coast Live Oak Riparian Forest</b>				<b>Element Code:</b> CTT61310CA			
Southern Coast Live Oak Riparian Forest							
<b>Listing Status:</b>	<b>Federal:</b>	None	<b>CNDDB Element Ranks:</b>	<b>Global:</b>	G4	<b>State:</b>	S4
	<b>State:</b>	None					
	<b>Other:</b>						
<b>Habitat:</b>	<b>General:</b>	<input type="checkbox"/>					
	<b>Micro:</b>	<input type="checkbox"/>					



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<b>Occurrence No.</b>	106	<b>Map Index:</b> 01755	<b>EO Index:</b> 15944	<b>Element Last Seen:</b> 1978-09-19
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1978-09-19
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 1998-08-28

**Quad Summary:** Sunland (3411833)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.33256 / -118.37009	<b>Accuracy:</b>	specific area
<b>UTM:</b>	Zone-11 N3799880 E373966	<b>Elevation (ft):</b>	2800
<b>PLSS:</b>	T03N, R14W, Sec. 20, N (S)	<b>Acres:</b>	41.1

**Location:** LIMEKILN CANYON, SOUTH OF KAGEL MOUNTAIN ROAD.

**Detailed Location:** MAPPED PER INTERPRETATION OF 1978 AERIAL PHOTOS.

**Ecological:** QUERCUS AGRIFOLIA WOODLAND FORMING CLOSED CANOPY ACCORDING TO WIESLANDER SURVEY.

**General:** NEEDS FIELD VERIFICATION OF VEGETATION CONDITION, COMPOSITION. SEE [HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES](https://wildlife.ca.gov/Data/VegCamp/Natural-Communities) TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.

**Owner/Manager:** PVT IN USFS-ANGELES NF

<b>Occurrence No.</b>	107	<b>Map Index:</b> 01766	<b>EO Index:</b> 15943	<b>Element Last Seen:</b> 1978-09-19
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1978-09-19
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Decreasing	<b>Record Last Updated:</b> 1998-08-28

**Quad Summary:** Sunland (3411833)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.30491 / -118.36331	<b>Accuracy:</b>	specific area
<b>UTM:</b>	Zone-11 N3796805 E374548	<b>Elevation (ft):</b>	560
<b>PLSS:</b>	T03N, R14W, Sec. 32, E (S)	<b>Acres:</b>	37.9

**Location:** MAREK CANYON, BETWEEN KARL HOLTON CAMP & LOS ANGELES GUN CLUB.

**Detailed Location:** MAPPED PER INTERPRETATION OF 1978 AERIAL PHOTOS. MUCH REDUCED BY AGRICULTURE.

**Ecological:** OPEN CANOPY QUERCUS AGRIFOLIA OVER LEPIDOSPARTUM SQUAMATUM & ERIOGONUM FASCICULATUM ACCORDING TO WIESLANDER SURVEY.

**General:** NEEDS FIELD VERIFICATION OF VEGETATION CONDITION, COMPOSITION. SEE [HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES](https://wildlife.ca.gov/Data/VegCamp/Natural-Communities) TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.

**Owner/Manager:** USFS-ANGELES NF, PVT



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<b>Occurrence No.</b>	108	<b>Map Index:</b> 01840	<b>EO Index:</b> 11828	<b>Element Last Seen:</b>	1978-09-19
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1978-09-19
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	1998-08-28
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.33206 / -118.33444		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3799781 E377244		<b>Elevation (ft):</b>	2120	
<b>PLSS:</b>	T03N, R14W, Sec. 22, N (S)		<b>Acres:</b>	135.8	
<b>Location:</b>	LITTLE TUJUNGA CANYON, BOTH U/S & D/S OF INDIAN SPRINGS.				
<b>Detailed Location:</b>	MAPPED PER INTERPRETATION OF 1978 AERIAL PHOTOS.				
<b>Ecological:</b>	QUERCUS AGRIFOLIA WOODLAND FORMING CLOSED CANOPY ACCORDING TO WIESLANDER SURVEY.				
<b>General:</b>	NEEDS FIELD VERIFICATION OF VEGETATION CONDITION, COMPOSITION. SEE <a href="https://wildlife.ca.gov/Data/VegCamp/Natural-Communities">HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES</a> TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.				
<b>Owner/Manager:</b>	USFS-ANGELES NF				
<b>Occurrence No.</b>	109	<b>Map Index:</b> 01984	<b>EO Index:</b> 15942	<b>Element Last Seen:</b>	1978-09-19
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1978-09-19
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	1998-08-28
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.25820 / -118.26368		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3791507 E383652		<b>Elevation (ft):</b>	2400	
<b>PLSS:</b>	T02N, R13W, Sec. 17, S (S)		<b>Acres:</b>	81.6	
<b>Location:</b>	BLANCHARD CANYON, BETWEEN BLUEGUM & COOKS CANYONS.				
<b>Detailed Location:</b>	MAPPED PER INTERPRETATION OF 1978 AERIAL PHOTOS.				
<b>Ecological:</b>	QUERCUS AGRIFOLIA WOODLAND FORMING CLOSED CANOPY ACCORDING TO WIESLANDER SURVEY.				
<b>General:</b>	NEEDS FIELD VERIFICATION OF VEGETATION CONDITION, COMPOSITION. SEE <a href="https://wildlife.ca.gov/Data/VegCamp/Natural-Communities">HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES</a> TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.				
<b>Owner/Manager:</b>	USFS-ANGELES NF				



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<b>Occurrence No.</b>	110	<b>Map Index:</b> 02002	<b>EO Index:</b> 15941	<b>Element Last Seen:</b>	1978-09-19
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1978-09-19
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	1998-08-28
<b>Quad Summary:</b>	Condor Peak (3411832), Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.25572 / -118.25199		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3791219 E384725		<b>Elevation (ft):</b>	2600	
<b>PLSS:</b>	T02N, R13W, Sec. 16, S (S)		<b>Acres:</b>	65.3	
<b>Location:</b>	COOKS CANYON, NORTH OF GLENDALE.				
<b>Detailed Location:</b>	MAPPED PER INTERPRETATION OF 1978 AERIAL PHOTOS.				
<b>Ecological:</b>	QUERCUS AGRIFOLIA WOODLAND FORMING CLOSED CANOPY ACCORDING TO WIESLANDER SURVEY.				
<b>General:</b>	NEEDS FIELD VERIFICATION OF VEGETATION CONDITION, COMPOSITION. SEE <a href="https://wildlife.ca.gov/Data/VegCamp/Natural-Communities">HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES</a> TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.				
<b>Owner/Manager:</b>	USFS-ANGELES NF				
<b>Occurrence No.</b>	111	<b>Map Index:</b> 01953	<b>EO Index:</b> 15939	<b>Element Last Seen:</b>	1978-09-19
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1978-09-19
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	1998-08-28
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.27173 / -118.28584		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3793033 E381630		<b>Elevation (ft):</b>	2160	
<b>PLSS:</b>	T02N, R13W, Sec. 07, SW (S)		<b>Acres:</b>	38.5	
<b>Location:</b>	ZACHAU CANYON, NORTH OF TUJUNGA.				
<b>Detailed Location:</b>	EXTANT, 1978, PER INTERPRETATION OF AERIAL PHOTOS.				
<b>Ecological:</b>	QUERCUS AGRIFOLIA WOODLAND FORMING CLOSED CANOPY ACCORDING TO WIESLANDER SURVEY.				
<b>General:</b>	NEEDS FIELD VERIFICATION OF VEGETATION CONDITION, COMPOSITION. SEE <a href="https://wildlife.ca.gov/Data/VegCamp/Natural-Communities">HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES</a> TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.				
<b>Owner/Manager:</b>	USFS-ANGELES NF				



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<b>Occurrence No.</b>	205	<b>Map Index:</b> 01583	<b>EO Index:</b> 13403	<b>Element Last Seen:</b>	1978-09-19
<b>Occ. Rank:</b>	None		<b>Presence:</b> Extirpated	<b>Site Last Seen:</b>	1978-09-19
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	1998-08-31
<b>Quad Summary:</b>	San Fernando (3411834), Mint Canyon (3411844)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.39545 / -118.41848		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3806916 E369611		<b>Elevation (ft):</b>	1680	
<b>PLSS:</b>	T04N, R15W, Sec. 26, E (S)		<b>Acres:</b>	246.9	
<b>Location:</b>	FLOODPLAIN OF SAND CANYON, FROM LIVE OAK CAMPGROUND, COYOTE AND GORMAN CANYONS D/S ABOUT 2.5 MILES.				
<b>Detailed Location:</b>	AREA SUBDIVIDED INTO "RANCHETTES" PER INTERPRETATION OF 1978 AERIAL PHOTOS; NATURAL COMMUNITY EXTIRPATED.				
<b>Ecological:</b>	MAPPED BY WIESLANDER SURVEY (1935) AS OPEN STAND QUERCUS AGRIFOLIA OVER ERIOGONUM FASCICULATUM, LEPIDOSPARTUM SQUAMATUM & MALOSMA LAURINA. UNABLE TO CONVERT TO FLORISTIC CLASSIFICATION, LACKS SPP. INFO.				
<b>General:</b>	SEE <a href="https://wildlife.ca.gov/Data/VegCamp/Natural-Communities">HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES</a> TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.				
<b>Owner/Manager:</b>	PVT				
<b>Occurrence No.</b>	241	<b>Map Index:</b> 01335	<b>EO Index:</b> 15849	<b>Element Last Seen:</b>	1978-09-19
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1978-09-19
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	1998-08-31
<b>Quad Summary:</b>	San Fernando (3411834)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.36723 / -118.48108		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3803868 E363811		<b>Elevation (ft):</b>	1600	
<b>PLSS:</b>	T03N, R15W, Sec. 05, S (S)		<b>Acres:</b>	151.0	
<b>Location:</b>	WHITNEY CANYON, EAST OF LOS ANGELES AQUEDUCT FROM ABOUT 0.5 MILE U/S OVER 1.5 MILES.				
<b>Detailed Location:</b>	EXTANT, 1978, PER INTERPRETATION OF AERIAL PHOTOS.				
<b>Ecological:</b>	MAPPED BY WIESLANDER SURVEY (1935) AS CLOSED CANOPY QUERCUS AGRIFOLIA.				
<b>General:</b>	NEEDS FIELD VERIFICATION OF VEGETATION CONDITION, COMPOSITION. SEE <a href="https://wildlife.ca.gov/Data/VegCamp/Natural-Communities">HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES</a> TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.				
<b>Owner/Manager:</b>	USFS-ANGELES NF, PVT				



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<b>Occurrence No.</b>	242	<b>Map Index:</b>	01305	<b>EO Index:</b>	11827	<b>Element Last Seen:</b>	1978-09-19
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		1978-09-19	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		1998-08-31	

**Quad Summary:** San Fernando (3411834)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.32809 / -118.48947	<b>Accuracy:</b>	specific area
<b>UTM:</b>	Zone-11 N3799539 E362975	<b>Elevation (ft):</b>	1400
<b>PLSS:</b>	T03N, R15W, Sec. 19 (S)	<b>Acres:</b>	32.4

**Location:** GRAPEVINE CANYON, ABOUT 1/2 MILE U/S OF SAN FERNANDO VALLEY JUVENILE HALL.

**Detailed Location:** EXTANT, 1978, PER INTERPRETATION OF AERIAL PHOTOS.

**Ecological:** MAPPED BY WIESLANDER SURVEY (1935) AS CLOSED CANOPY QUERCUS AGRIFOLIA.

**General:** NEEDS FIELD VERIFICATION OF VEGETATION CONDITION, COMPOSITION. SEE [HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES](https://wildlife.ca.gov/Data/VegCamp/Natural-Communities) TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.

**Owner/Manager:** PVT

<b>Occurrence No.</b>	243	<b>Map Index:</b>	01389	<b>EO Index:</b>	15848	<b>Element Last Seen:</b>	1978-09-19
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		1978-09-19	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		1998-08-31	

**Quad Summary:** San Fernando (3411834)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.33800 / -118.46896	<b>Accuracy:</b>	specific area
<b>UTM:</b>	Zone-11 N3800611 E364878	<b>Elevation (ft):</b>	1920
<b>PLSS:</b>	T03N, R15W, Sec. 17, E (S)	<b>Acres:</b>	86.0

**Location:** SOMBRERO CANYON, NORTH OF HWY 210 ABOUT 1/2 MILE, EXTENDING U/S OVER 1 MILE.

**Detailed Location:** EXTANT, 1978, PER INTERPRETATION OF AERIAL PHOTOS.

**Ecological:** MAPPED BY WIESLANDER SURVEY (1935) AS CLOSED CANOPY QUERCUS AGRIFOLIA.

**General:** NEEDS FIELD VERIFICATION OF VEGETATION CONDITION, COMPOSITION. SEE [HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES](https://wildlife.ca.gov/Data/VegCamp/Natural-Communities) TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.

**Owner/Manager:** USFS-ANGELES NF, PVT



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<b>Occurrence No.</b>	244	<b>Map Index:</b> 01480	<b>EO Index:</b> 15846	<b>Element Last Seen:</b> 1978-09-19
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1978-09-19
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 1998-08-31

**Quad Summary:** San Fernando (3411834)  
**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.33969 / -118.45428	<b>Accuracy:</b>	specific area
<b>UTM:</b>	Zone-11 N3800779 E366232	<b>Elevation (ft):</b>	1600
<b>PLSS:</b>	T03N, R15W, Sec. 16, NW (S)	<b>Acres:</b>	270.6

**Location:** WILSON CANYON & TRIBUTARIES, AT WILSON DEBRIS BASIN & U/S.  
**Detailed Location:** EXTANT, 1978, PER INTERPRETATION OF AERIAL PHOTOS.  
**Ecological:** MAPPED BY WIESLANDER SURVEY (1935) AS CLOSED CANOPY QUERCUS AGRIFOLIA.  
**General:** NEEDS FIELD VERIFICATION OF VEGETATION CONDITION, COMPOSITION. SEE [HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES](https://wildlife.ca.gov/Data/VegCamp/Natural-Communities) TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.  
**Owner/Manager:** USFS-ANGELES NF, PVT

<b>Occurrence No.</b>	245	<b>Map Index:</b> 01718	<b>EO Index:</b> 15847	<b>Element Last Seen:</b> 1978-09-19
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1978-09-19
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 1998-08-31

**Quad Summary:** San Fernando (3411834)  
**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.29385 / -118.38249	<b>Accuracy:</b>	specific area
<b>UTM:</b>	Zone-11 N3795603 E372766	<b>Elevation (ft):</b>	1400
<b>PLSS:</b>	T03N, R14W, Sec. 31, SE (S)	<b>Acres:</b>	36.2

**Location:** BARTHOLOMAUS CANYON, FROM ANGELES NATIONAL FOREST BOUNDARY U/S FOR ABOUT 1/2 MILE.  
**Detailed Location:** EXTANT, 1978, PER INTERPRETATION OF AERIAL PHOTOS.  
**Ecological:** MAPPED BY WIESLANDER SURVEY (1935) AS CLOSED CANOPY QUERCUS AGRIFOLIA.  
**General:** NEEDS FIELD VERIFICATION OF VEGETATION CONDITION, COMPOSITION. SEE [HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES](https://wildlife.ca.gov/Data/VegCamp/Natural-Communities) TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.  
**Owner/Manager:** USFS-ANGELES NF



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<b>Occurrence No.</b>	246	<b>Map Index:</b> 01667	<b>EO Index:</b> 12481	<b>Element Last Seen:</b>	1978-09-19
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1978-09-19
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Decreasing	<b>Record Last Updated:</b>	1998-08-31
<b>Quad Summary:</b>	San Fernando (3411834)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.30001 / -118.39306		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3796299 E371803		<b>Elevation (ft):</b>	1400	
<b>PLSS:</b>	T03N, R14W, Sec. 31, SE (S)		<b>Acres:</b>	139.1	
<b>Location:</b>	LOPEZ CANYON & INDIAN CANYON, U/S FROM OAK HILL SCHOOL, EXTENDING LESS THAN 1 MILE U/S.				
<b>Detailed Location:</b>	EXTANT, 1978, PER INTERPRETATION OF AERIAL PHOTOS, ALTHOUGH REDUCED FROM ITS ORIGINAL EXTENT.				
<b>Ecological:</b>	MAPPED BY WIESLANDER SURVEY (1935) AS CLOSED CANOPY QUERCUS AGRIFOLIA.				
<b>General:</b>	NEEDS FIELD VERIFICATION OF VEGETATION CONDITION, COMPOSITION. SEE <a href="https://wildlife.ca.gov/Data/VegCamp/Natural-Communities">HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES</a> TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.				
<b>Owner/Manager:</b>	USFS-ANGELES NF, PVT				
<b>Occurrence No.</b>	247	<b>Map Index:</b> 01628	<b>EO Index:</b> 15845	<b>Element Last Seen:</b>	1976-06-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1976-06-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	1998-08-31
<b>Quad Summary:</b>	San Fernando (3411834)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.36442 / -118.40881		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3803462 E370452		<b>Elevation (ft):</b>	2800	
<b>PLSS:</b>	T03N, R15W, Sec. 12, W (S)		<b>Acres:</b>	102.4	
<b>Location:</b>	COYOTE CANYON, ABOUT 1 MILE WEST OF BEAR DIVIDE ON LITTLE TUJUNGA ROAD.				
<b>Detailed Location:</b>	EXTANT 1976 PER NATIONAL WETLANDS INVENTORY.				
<b>Ecological:</b>	MAPPED BY WIESLANDER SURVEY (1935) AS CLOSED CANOPY QUERCUS AGRIFOLIA AND Q. CHRYSOLEPIS.				
<b>General:</b>	NEEDS FIELD VERIFICATION OF VEGETATION CONDITION, COMPOSITION. SEE <a href="https://wildlife.ca.gov/Data/VegCamp/Natural-Communities">HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES</a> TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.				
<b>Owner/Manager:</b>	USFS-ANGELES NF				





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<b>Occurrence No.</b>	248	<b>Map Index:</b>	01727	<b>EO Index:</b>	13401	<b>Element Last Seen:</b>	1978-09-19
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		1978-09-19	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Decreasing	<b>Record Last Updated:</b>		1998-08-31	
<b>Quad Summary:</b>	Sunland (3411833), San Fernando (3411834)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.29537 / -118.37536			<b>Accuracy:</b>	specific area		
<b>UTM:</b>	Zone-11 N3795762 E373425			<b>Elevation (ft):</b>	1400		
<b>PLSS:</b>	T03N, R14W, Sec. 32, SW (S)			<b>Acres:</b>	56.5		
<b>Location:</b>	KAGEL CANYON, NEAR DEXTER PARK.						
<b>Detailed Location:</b>	EXTANT, 1978, ALTHOUGH MUCH REDUCED FROM 1935 EXTENT BY SUBDIVISIONS PER INTERPRETATION OF AERIAL PHOTOS.						
<b>Ecological:</b>	MAPPED BY WIESLANDER SURVEY (1935) AS CLOSED CANOPY QUERCUS AGRIFOLIA.						
<b>General:</b>	SEE <a href="https://wildlife.ca.gov/Data/VegCamp/Natural-Communities">HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES</a> TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.						
<b>Owner/Manager:</b>	PVT						

<b>Southern Cottonwood Willow Riparian Forest</b>			<b>Element Code:</b> CTT61330CA	
Southern Cottonwood Willow Riparian Forest				
<b>Listing Status:</b>	<b>Federal:</b>	None	<b>CNDDB Element Ranks:</b>	<b>Global:</b> G3
	<b>State:</b>	None		<b>State:</b> S3.2
	<b>Other:</b>			
<b>Habitat:</b>	<b>General:</b>	<input type="checkbox"/>		
	<b>Micro:</b>	<input type="checkbox"/>		

<b>Occurrence No.</b>	48	<b>Map Index:</b>	01750	<b>EO Index:</b>	15805	<b>Element Last Seen:</b>	1978-09-19
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		1978-09-19	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		1998-07-20	
<b>Quad Summary:</b>	Sunland (3411833), San Fernando (3411834)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.35122 / -118.35854			<b>Accuracy:</b>	specific area		
<b>UTM:</b>	Zone-11 N3801935 E375055			<b>Elevation (ft):</b>	2080		
<b>PLSS:</b>	T03N, R14W, Sec. 16, N (S)			<b>Acres:</b>	244.5		
<b>Location:</b>	PACOIMA CANYON, FROM HEAD OF PACOIMA RESERVOIR U/S TO ABOUT 1/4 MILE ABOVE DUTCH LOUIE MINE.						
<b>Detailed Location:</b>							
<b>Ecological:</b>	MAPPED BY WIESLANDER SURVEY (1935) AS CLOSED CANOPY QUERCUS AGRIFOLIA, POPULUS FREMONTII, SALIX SPP. EXTANT W/OPEN CANOPY, 1978, AS INTERPRETED FROM AERIAL PHOTOS.						
<b>General:</b>	NEEDS FIELD VERIFICATION OF VEGETATION CONDITION, COMPOSITION. SEE <a href="https://wildlife.ca.gov/Data/VegCamp/Natural-Communities">HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES</a> TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.						
<b>Owner/Manager:</b>	USFS-ANGELES NF						



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<b>Southern Mixed Riparian Forest</b>		<b>Element Code:</b> CTT61340CA	
Southern Mixed Riparian Forest			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDB Element Ranks:</b>	<b>Global:</b> G2
	<b>State:</b> None		<b>State:</b> S2.1
	<b>Other:</b>		
<b>Habitat:</b>	<b>General:</b> <input type="checkbox"/>		
	<b>Micro:</b> <input type="checkbox"/>		

<b>Occurrence No.</b>	10	<b>Map Index:</b>	01998	<b>EO Index:</b>	15738	<b>Element Last Seen:</b>	1978-09-19
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		1978-09-19	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		1998-07-23	

**Quad Summary:** Condor Peak (3411832), Sunland (3411833)  
**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.30930 / -118.25199	<b>Accuracy:</b>	specific area
<b>UTM:</b>	Zone-11 N3797160 E384798	<b>Elevation (ft):</b>	2000
<b>PLSS:</b>	T03N, R13W, Sec. 33, NW (S)	<b>Acres:</b>	120.3

**Location:** TRAIL CANYON, U/S OF BIG TUJUNGA CANYON, EXTENDING ABOUT 1 MILE.  
**Detailed Location:** EXTANT ALTHOUGH MUCH REDUCED, 1978, PER INTERPRETATION OF AERIAL PHOTOS. U/S MCKINLEY CYN APPEARS TO BE QUERCUS CHRYSOLEPIS, NOT RIPARIAN.  
**Ecological:** MAPPED BY WIESLANDER SURVEY (1935) AS CLOSED CANOPY ALNUS RHOMBIFOLIA, PLATANUS RACEMOSA, POPULUS FREMONTII, SALIX SPP AND QUERCUS AGRIFOLIA.  
**General:** NEEDS FIELD VERIFICATION OF VEGETATION CONDITION, COMPOSITION. SEE [HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES](https://wildlife.ca.gov/Data/VegCamp/Natural-Communities) TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.  
**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	11	<b>Map Index:</b>	01976	<b>EO Index:</b>	15737	<b>Element Last Seen:</b>	1935-XX-XX
<b>Occ. Rank:</b>	None	<b>Presence:</b>	Extirpated	<b>Site Last Seen:</b>		1978-09-19	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		1998-07-23	

**Quad Summary:** Condor Peak (3411832), Sunland (3411833)  
**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.29019 / -118.28990	<b>Accuracy:</b>	specific area
<b>UTM:</b>	Zone-11 N3795085 E381283	<b>Elevation (ft):</b>	1600
<b>PLSS:</b>	T02N, R13W, Sec. 06, S (S)	<b>Acres:</b>	325.5

**Location:** BIG TUJUNGA CANYON FROM SPREADING GROUNDS NEAR BILL LANE CAMP U/S BEYOND WILDWOOD 1/2 MILE.  
**Detailed Location:** ONLY RIVERWASH, COMMUNITY ABSENT AS INTREPRETED FROM 1978 AERIAL PHOTOS. ONCE WAS CONTINUOUS W/ OCC #007 U/S IN BIG TUJUNGA CANYON.  
**Ecological:** MAPPED BY WIESLANDER SURVEY (1935) AS CLOSED CANOPY ALNUS RHOMBIFOLIA AND SALIX SPP.  
**General:** SEE [HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES](https://wildlife.ca.gov/Data/VegCamp/Natural-Communities) TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.  
**Owner/Manager:** USFS-ANGELES NF

<b>Southern Sycamore Alder Riparian Woodland</b>		<b>Element Code:</b> CTT62400CA	
Southern Sycamore Alder Riparian Woodland			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDB Element Ranks:</b>	<b>Global:</b> G4
	<b>State:</b> None		<b>State:</b> S4
	<b>Other:</b>		



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<b>Habitat:</b>	<b>General:</b> <input type="checkbox"/>
	<b>Micro:</b> <input type="checkbox"/>

<b>Occurrence No.</b>	93	<b>Map Index:</b>	02023	<b>EO Index:</b>	15463	<b>Element Last Seen:</b>	1978-09-19
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>	1978-09-19	<b>Record Last Updated:</b>	1998-07-22
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown				

**Quad Summary:** Condor Peak (3411832), Sunland (3411833)  
**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.32956 / -118.24550	<b>Accuracy:</b>	specific area
<b>UTM:</b>	Zone-11 N3799400 E385423	<b>Elevation (ft):</b>	3320
<b>PLSS:</b>	T03N, R13W, Sec. 21 (S)	<b>Acres:</b>	194.1

**Location:** TRAIL CANYON FROM NEAR CONDOR PEAK D/S FOR ABOUT 2 MILES.  
**Detailed Location:** MAPPED FROM INTERPRETATION OF AERIAL PHOTOS.  
**Ecological:** UNABLE TO CONVERT TO FLORISTIC CLASSIFICATION, LACKS SPP. INFO.  
**General:** RECENT GROUND TRUTH NEEDED. SEE [HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES](https://wildlife.ca.gov/Data/VegCamp/Natural-Communities) TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.  
**Owner/Manager:** USFS-ANGELES NF

<b>Occurrence No.</b>	94	<b>Map Index:</b>	02036	<b>EO Index:</b>	15461	<b>Element Last Seen:</b>	1978-09-19
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>	1978-09-19	<b>Record Last Updated:</b>	1998-07-22
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown				

**Quad Summary:** Condor Peak (3411832), Sunland (3411833)  
**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.36388 / -118.22873	<b>Accuracy:</b>	specific area
<b>UTM:</b>	Zone-11 N3803187 E387012	<b>Elevation (ft):</b>	4080
<b>PLSS:</b>	T03N, R13W, Sec. 10 (S)	<b>Acres:</b>	586.0

**Location:** PACOIMA CANYON & TRIBUTARIES, FROM NEAR DIAMOND CAMPGROUND U/S FOR SEVERAL MILES.  
**Detailed Location:** MAPPED FROM INTERPRETATION OF AERIAL PHOTOS; LOWER PART OF EXTENT MAPPED BY WIESLANDER SURVEY.  
**Ecological:** ALNUS RHOMBIFOLIA ACCORDING TO WIESLANDER SURVEY.  
**General:** RECENT GROUND TRUTH NEEDED. SEE [HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES](https://wildlife.ca.gov/Data/VegCamp/Natural-Communities) TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.  
**Owner/Manager:** USFS-ANGELES NF



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<b>Occurrence No.</b>	124	<b>Map Index:</b> 01748	<b>EO Index:</b> 15435	<b>Element Last Seen:</b>	1978-09-19
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1978-09-19
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	1998-07-22

**Quad Summary:** Sunland (3411833), San Fernando (3411834), Mint Canyon (3411844)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.37316 / -118.38140	<b>Accuracy:</b>	specific area
<b>UTM:</b>	Zone-11 N3804397 E372986	<b>Elevation (ft):</b>	2680
<b>PLSS:</b>	T03N, R14W, Sec. 06 (S)	<b>Acres:</b>	316.7

**Location:** SAND CANYON, NORTH OF SANTA CLARA DIVIDE ROAD, EAST OF BEAR CANYON.  
**Detailed Location:** 1978 EXTENT MAPPED FROM INTERPRETATION OF AERIAL PHOTOS.  
**Ecological:** CLOSED CANOPY QUERCUS AGRIFOLIA & PLATANUS RACEMOSA ACCORDING TO WIESLANDER SURVEY.  
**General:** NEEDS FIELD VERIFICATION. SEE [HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES](https://wildlife.ca.gov/Data/VegCamp/Natural-Communities) TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.  
**Owner/Manager:** USFS-ANGELES NF

<b>Occurrence No.</b>	125	<b>Map Index:</b> 01885	<b>EO Index:</b> 15434	<b>Element Last Seen:</b>	1978-09-19
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1978-09-19
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	1998-07-22

**Quad Summary:** Sunland (3411833)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.28234 / -118.31632	<b>Accuracy:</b>	specific area
<b>UTM:</b>	Zone-11 N3794246 E378840	<b>Elevation (ft):</b>	1520
<b>PLSS:</b>	T02N, R14W, Sec. 02, S (S)	<b>Acres:</b>	57.7

**Location:** DOANE CANYON, SOUTH OF SUNLAND.  
**Detailed Location:** 1978 EXTENT MAPPED FROM INTERPRETATION OF AERIAL PHOTOS.  
**Ecological:** CLOSED CANOPY QUERCUS AGRIFOLIA & PLATANUS RACEMOSA OVER ERIOGONUM FASCICULATUM & ARTEMISIA CALIFORNICA ACCORDING TO WIESLANDER SURVEY.  
**General:** NEEDS FIELD VERIFICATION. SEE [HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES](https://wildlife.ca.gov/Data/VegCamp/Natural-Communities) TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.  
**Owner/Manager:** PVT IN USFS-ANGELES NF



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<b>Occurrence No.</b>	126	<b>Map Index:</b>	01903	<b>EO Index:</b>	13379	<b>Element Last Seen:</b>	1978-09-19
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		1978-09-19	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		1998-07-22	

**Quad Summary:** Sunland (3411833)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.33178 / -118.32050	<b>Accuracy:</b>	specific area
<b>UTM:</b>	Zone-11 N3799733 E378526	<b>Elevation (ft):</b>	2200
<b>PLSS:</b>	T03N, R14W, Sec. 23 (S)	<b>Acres:</b>	511.4

**Location:** LITTLE TUJUNGA CANYON, FROM NEAR CONFLUENCE OF ALDER CREEK U/S FOR SEVERAL MILES.

**Detailed Location:** 1978 EXTENT MAPPED FROM INTERPRETATION OF AERIAL PHOTOS; APPEARS TO EXTEND FARTHER UP MAIN STEM THAN WIESLANDER MAP, OTHER TRIBS LESSENER.

**Ecological:** CLOSED CANOPY QUERCUS AGRIFOLIA W/ PLATANUS RACEMOSA IN SOME PORTIONS OR W/ ALNUS RHOMBIFOLIA IN OTHERS ACCORDING TO WIESLANDER SURVEY.

**General:** NEEDS FIELD VERIFICATION. SEE [HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES](https://wildlife.ca.gov/Data/VegCamp/Natural-Communities) TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.

**Owner/Manager:** USFS-ANGELES NF

<b>Occurrence No.</b>	127	<b>Map Index:</b>	01859	<b>EO Index:</b>	15433	<b>Element Last Seen:</b>	1978-09-19
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		1978-09-19	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		1998-07-22	

**Quad Summary:** Sunland (3411833)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.35586 / -118.32756	<b>Accuracy:</b>	specific area
<b>UTM:</b>	Zone-11 N3802412 E377912	<b>Elevation (ft):</b>	2880
<b>PLSS:</b>	T03N, R14W, Sec. 10, E (S)	<b>Acres:</b>	71.8

**Location:** LAUREL CANYON, NORTH-FACING SLOPE OF MENDENHALL RIDGE.

**Detailed Location:** 1978 EXTENT MAPPED FROM INTERPRETATION OF AERIAL PHOTOS.

**Ecological:** CLOSED CANOPY QUERCUS AGRIFOLIA & PLATANUS RACEMOSA ACCORDING TO WIESLANDER SURVEY.

**General:** NEEDS FIELD VERIFICATION. SEE [HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES](https://wildlife.ca.gov/Data/VegCamp/Natural-Communities) TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.

**Owner/Manager:** USFS-ANGELES NF



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<b>Occurrence No.</b>	128	<b>Map Index:</b> 01832	<b>EO Index:</b> 15430	<b>Element Last Seen:</b>	1978-09-19
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1978-09-19
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	1998-07-22
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.36939 / -118.34028		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3803928 E376762		<b>Elevation (ft):</b>	2960	
<b>PLSS:</b>	T03N, R14W, Sec. 03 (S)		<b>Acres:</b>	31.6	
<b>Location:</b>	DAGGER FLAT CANYON, UPSTREAM OF FALLS ABOUT 0.5 MILE, EXTENDING UPSTREAM FOR LESS THAN 0.5 MILE.				
<b>Detailed Location:</b>	MAPPED FROM INTERPRETATION OF AERIAL PHOTOS.				
<b>Ecological:</b>	UNABLE TO CONVERT TO FLORISTIC CLASSIFICATION, LACKS SPP. INFO.				
<b>General:</b>	NEEDS FIELD VERIFICATION. SEE <a href="https://wildlife.ca.gov/Data/VegCamp/Natural-Communities">HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES</a> TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.				
<b>Owner/Manager:</b>	USFS-ANGELES NF				
<b>Occurrence No.</b>	129	<b>Map Index:</b> 01962	<b>EO Index:</b> 15432	<b>Element Last Seen:</b>	1978-09-19
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1978-09-19
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	1998-07-22
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.28762 / -118.27824		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3794787 E382353		<b>Elevation (ft):</b>	2140	
<b>PLSS:</b>	T02N, R13W, Sec. 06, E (S)		<b>Acres:</b>	50.6	
<b>Location:</b>	PIPE CANYON, U/S OF BIG TUJUNGA CANYON.				
<b>Detailed Location:</b>	MAPPED FROM INTERPRETATION OF AERIAL PHOTOS.				
<b>Ecological:</b>	UNABLE TO CONVERT TO FLORISTIC CLASSIFICATION, LACKS SPP. INFO.				
<b>General:</b>	NEEDS FIELD VERIFICATION. SEE <a href="https://wildlife.ca.gov/Data/VegCamp/Natural-Communities">HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES</a> TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.				
<b>Owner/Manager:</b>	USFS-ANGELES NF				
<b>Occurrence No.</b>	130	<b>Map Index:</b> 01957	<b>EO Index:</b> 15429	<b>Element Last Seen:</b>	1978-09-19
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1978-09-19
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	1998-07-22
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.27956 / -118.28135		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3793896 E382055		<b>Elevation (ft):</b>	2200	
<b>PLSS:</b>	T02N, R13W, Sec. 07, N (S)		<b>Acres:</b>	35.3	
<b>Location:</b>	UNNAMED INTERMITTENT STREAM BETWEEN PIPE & ZACHAU CANYONS.				
<b>Detailed Location:</b>	MAPPED FROM INTERPRETATION OF AERIAL PHOTOS.				
<b>Ecological:</b>	UNABLE TO CONVERT TO FLORISTIC CLASSIFICATION, LACKS SPP. INFO.				
<b>General:</b>	NEEDS FIELD VERIFICATION. SEE <a href="https://wildlife.ca.gov/Data/VegCamp/Natural-Communities">HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES</a> TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.				
<b>Owner/Manager:</b>	USFS-ANGELES NF				



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<b>Occurrence No.</b>	131	<b>Map Index:</b> 01980	<b>EO Index:</b> 15428	<b>Element Last Seen:</b>	1978-09-19
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1978-09-19
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	1998-07-22
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.29051 / -118.27146		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3795099 E382980		<b>Elevation (ft):</b>	2600	
<b>PLSS:</b>	T02N, R13W, Sec. 05 (S)		<b>Acres:</b>	88.1	
<b>Location:</b>	BRYANT CANYON, SOUTH OF BIG TUJUNGA CANYON.				
<b>Detailed Location:</b>	MAPPED FROM INTERPRETATION OF AERIAL PHOTOS.				
<b>Ecological:</b>	UNABLE TO CONVERT TO FLORISTIC CLASSIFICATION, LACKS SPP. INFO.				
<b>General:</b>	NEEDS FIELD VERIFICATION. SEE <a href="https://wildlife.ca.gov/Data/VegCamp/Natural-Communities">HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES</a> TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.				
<b>Owner/Manager:</b>	USFS-ANGELES NF				
<b>Occurrence No.</b>	132	<b>Map Index:</b> 01959	<b>EO Index:</b> 15431	<b>Element Last Seen:</b>	1978-09-19
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1978-09-19
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	1998-07-22
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.26765 / -118.28016		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3792574 E382148		<b>Elevation (ft):</b>	2120	
<b>PLSS:</b>	T02N, R13W, Sec. 07, N (S)		<b>Acres:</b>	43.2	
<b>Location:</b>	BOWLEY CANYON, NORTH OF TUJUNGA.				
<b>Detailed Location:</b>	MAPPED FROM INTERPRETATION OF AERIAL PHOTOS.				
<b>Ecological:</b>	UNABLE TO CONVERT TO FLORISTIC CLASSIFICATION, LACKS SPP. INFO.				
<b>General:</b>	NEEDS FIELD VERIFICATION. SEE <a href="https://wildlife.ca.gov/Data/VegCamp/Natural-Communities">HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES</a> TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.				
<b>Owner/Manager:</b>	USFS-ANGELES NF				
<b>Occurrence No.</b>	134	<b>Map Index:</b> 01988	<b>EO Index:</b> 13378	<b>Element Last Seen:</b>	1978-09-19
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1978-09-19
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	1998-07-22
<b>Quad Summary:</b>	Condor Peak (3411832), Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.26819 / -118.26218		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3792613 E383804		<b>Elevation (ft):</b>	2600	
<b>PLSS:</b>	T02N, R13W, Sec. 08, SE (S)		<b>Acres:</b>	101.9	
<b>Location:</b>	HAINES CANYON, NORTH OF GLENDALE.				
<b>Detailed Location:</b>	1978 EXTENT MAPPED FROM INTERPRETATION OF AERIAL PHOTOS; ALTHOUGH D/S AND TRIBUTARY EXTENT REDUCED.				
<b>Ecological:</b>	CLOSED CANOPY QUERCUS AGRIFOLIA, ALNUS RHOMBIFOLIA & PLATANUS RACEMOSA ACCORDING TO WIESLANDER SURVEY.				
<b>General:</b>	NEEDS FIELD VERIFICATION. SEE <a href="https://wildlife.ca.gov/Data/VegCamp/Natural-Communities">HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES</a> TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.				
<b>Owner/Manager:</b>	USFS-ANGELES NF				



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<b>Occurrence No.</b>	152	<b>Map Index:</b> 01934	<b>EO Index:</b> 15409	<b>Element Last Seen:</b> 1978-09-19
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1978-09-19
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 1998-07-22

**Quad Summary:** Sunland (3411833), Agua Dulce (3411843)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.37997 / -118.29215	<b>Accuracy:</b>	specific area
<b>UTM:</b>	Zone-11 N3805044 E381202	<b>Elevation (ft):</b>	3720
<b>PLSS:</b>	T04N, R14W, Sec. 36 (S)	<b>Acres:</b>	71.0

**Location:** BAD CANYON, >0.5 TO 1.5 MILES U/S FROM JUNCTION WITH PACOIMA CANYON.

**Detailed Location:** 1978 EXTENT MAPPED FROM INTERPRETATION OF AERIAL PHOTOS.

**Ecological:** UNABLE TO CONVERT TO FLORISTIC CLASSIFICATION, LACKS SPP. INFO.

**General:** NEEDS FIELD VERIFICATION. SEE [HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES](https://wildlife.ca.gov/Data/VegCamp/Natural-Communities) TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.

**Owner/Manager:** USFS-ANGELES NF

<b>Occurrence No.</b>	153	<b>Map Index:</b> 01973	<b>EO Index:</b> 15410	<b>Element Last Seen:</b> 1978-09-19
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1978-09-19
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 1998-07-22

**Quad Summary:** Sunland (3411833), Acton (3411842), Agua Dulce (3411843)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.38193 / -118.26179	<b>Accuracy:</b>	specific area
<b>UTM:</b>	Zone-11 N3805226 E383997	<b>Elevation (ft):</b>	3560
<b>PLSS:</b>	T04N, R13W, Sec. 32 (S)	<b>Acres:</b>	167.4

**Location:** NORTH FORK PACOIMA CANYON AND TRIBUTARY.

**Detailed Location:** 1978 EXTENT MAPPED FROM INTERPRETATION OF AERIAL PHOTOS; EXTENT INCREASED RELATIVE TO WIESLANDER SURVEY.

**Ecological:** CLOSED CANOPY QUERCUS AGRIFOLIA & PLATANUS RACEMOSA ACCORDING TO WIESLANDER SURVEY.

**General:** NEEDS FIELD VERIFICATION. SEE [HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES](https://wildlife.ca.gov/Data/VegCamp/Natural-Communities) TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.

**Owner/Manager:** USFS-ANGELES NF





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<b>Occurrence No.</b>	230	<b>Map Index:</b>	01424	<b>EO Index:</b>	15337	<b>Element Last Seen:</b>	1978-09-19
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>	1978-09-19	<b>Record Last Updated:</b>	1998-07-22
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown				

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<b>Quad Summary:</b>	San Fernando (3411834), Mint Canyon (3411844)						
<b>County Summary:</b>	Los Angeles						

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<b>Lat/Long:</b>	34.37282 / -118.43891	<b>Accuracy:</b>	specific area
<b>UTM:</b>	Zone-11 N3804433 E367697	<b>Elevation (ft):</b>	1640
<b>PLSS:</b>	T03N, R15W, Sec. 03, N (S)	<b>Acres:</b>	257.6

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<b>Location:</b>	PLACERITA CANYON, PLACERITA CANYON STATE PARK.						
<b>Detailed Location:</b>	EXTANT, 1978, PER INTERPRETATION OF AERIAL PHOTOS.						
<b>Ecological:</b>	MAPPED BY WIESLANDER SURVEY AS CLOSED CANOPY QUERCUS AGRIFOLIA AND PLATANUS RACEMOSA.						
<b>General:</b>	NEEDS FIELD VERIFICATION OF VEGETATION CONDITION, COMPOSITION. SEE <a href="https://wildlife.ca.gov/Data/VegCamp/Natural-Communities">HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES</a> TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.						
<b>Owner/Manager:</b>	DPR-PLACERITA CANYON SP, PVT						

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<b><i>Bombus crotchii</i></b>		<b>Element Code:</b> IIHYM24480	
Crotch bumble bee			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDDB Element Ranks:</b>	<b>Global:</b> G3G4
	<b>State:</b> None		<b>State:</b> S1S2
<b>Other:</b>			
<b>Habitat:</b>	<b>General:</b> COASTAL CALIFORNIA EAST TO THE SIERRA-CASCADE CREST AND SOUTH INTO MEXICO.		
	<b>Micro:</b> FOOD PLANT GENERA INCLUDE ANTIRRHINUM, PHACELIA, CLARKIA, DENDROMECON, ESCHSCHOLZIA, AND ERIOGONUM.		

<b>Occurrence No.</b>	325	<b>Map Index:</b> B6410	<b>EO Index:</b> 119467	<b>Element Last Seen:</b>	2018-05-13
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2018-05-13
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2020-11-05
<b>Quad Summary:</b>	San Fernando (3411834)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.3386 / -118.42522		<b>Accuracy:</b>	1/10 mile	
<b>UTM:</b>	Zone-11 N3800620 E368903		<b>Elevation (ft):</b>	2647	
<b>PLSS:</b>	T03N, R15W, Sec. 14, SW (S)		<b>Acres:</b>	18.0	
<b>Location:</b>	ALONG MAY CANYON RD, 2 ROAD MILES N OF INTERSECTION WITH PARKLAND CIRCLE, ANGELES NATIONAL FOREST, N OF SYLMAR.				
<b>Detailed Location:</b>	MAPPED TO PROVIDED COORDINATES.				
<b>Ecological:</b>					
<b>General:</b>	1 OBSERVED AND PHOTOGRAPHED ON 13 MAY 2018.				
<b>Owner/Manager:</b>	USFS-ANGELES NF				

<b>Occurrence No.</b>	326	<b>Map Index:</b> B6411	<b>EO Index:</b> 119468	<b>Element Last Seen:</b>	2019-08-10
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2019-08-10
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2020-11-05
<b>Quad Summary:</b>	San Fernando (3411834), Mint Canyon (3411844)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.37471 / -118.428		<b>Accuracy:</b>	80 meters	
<b>UTM:</b>	Zone-11 N3804628 E368704		<b>Elevation (ft):</b>	2056	
<b>PLSS:</b>	T03N, R15W, Sec. 2, W (S)		<b>Acres:</b>	5.0	
<b>Location:</b>	0.4 AIR MILES SW OF INTERSECTION OF PACY ST & PLACERITA CANYON RD, PLACERITA GOLDEN VALLEY RANCH OPEN SPACE, NEWHALL.				
<b>Detailed Location:</b>	MAPPED TO PROVIDED COORDINATES.				
<b>Ecological:</b>					
<b>General:</b>	1 OBSERVED AND PHOTOGRAPHED ON 10 AUG 2019.				
<b>Owner/Manager:</b>	CITY OF SANTA CLARITA				



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<b><i>Helminthoglypta traskii pacoimensis</i></b>		<b>Element Code:</b> IMGASC2472	
Pacoima shoulderband			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDDB Element Ranks:</b>	<b>Global:</b> G1G2T1
	<b>State:</b> None		<b>State:</b> S1
	<b>Other:</b>		
<b>Habitat:</b>	<b>General:</b> AIR-BREATHING TERRESTRIAL SNAIL. KNOWN FROM TYPE LOCALITY, PACOIMA CANYON ON THE WEST SIDE OF THE SAN GABRIEL MOUNTAINS. ADDITIONAL SPECIMENS FROM ELIZABETH LAKE CANYON IN THE SIERRA PELONA MOUNTAINS MAY MERIT REVIEW.		
	<b>Micro:</b> FOUND MOSTLY UNDER BARK AND FRAGMENTS OF ROTTEN LOGS.		

<b>Occurrence No.</b>	1	<b>Map Index:</b> B6927	<b>EO Index:</b> 119994	<b>Element Last Seen:</b>	1960-03-XX
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1960-03-XX
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2021-03-09
<b>Quad Summary:</b>	Condor Peak (3411832), Sunland (3411833), San Fernando (3411834), Acton (3411842), Agua Dulce (3411843)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.34771 / -118.35845		<b>Accuracy:</b>	non-specific area	
<b>UTM:</b>	Zone-11 N3801547 E375059		<b>Elevation (ft):</b>	2188	
<b>PLSS:</b>	T03N, R14W, Sec. 16 (S)		<b>Acres:</b>	2324.0	
<b>Location:</b>	PACOIMA CANYON, SAN GABRIEL MOUNTAINS.				
<b>Detailed Location:</b>	MAPPED GENERALLY TO PACOIMA CANYON. TYPE LOCALITY: "PACOIMA CANYON... ABOUT ONE-HALF MILE BELOW PRISON CAMP," LOCATION OF CAMP UNKNOWN. OTHER SPECIMENS FROM PACOIMA CANYON ALSO ATTRIBUTED HERE; SEVERAL GIVE ELEVATION AS 671 METERS.				
<b>Ecological:</b>	TYPE SPECIMENS FOUND UNDER BARK AND FRAGMENTS OF ROTTEN LOGS.				
<b>General:</b>	HOLOTYPE & 3 PARATYPES COLLECTED ON 21 FEB 1931. 25 COLLECTED ON 1 OCT 1931. 3 COLLECTED ON 22 MAR 1942. 76 COLLECTED IN 1955. 6 COLLECTED IN MAR 1960. FRESH SHELLS COLLECTED FROM CANYON ON UNKNOWN DATE PRIOR TO 2021.				
<b>Owner/Manager:</b>	USFS-ANGELES NF				



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<b><i>Centromadia parryi ssp. australis</i></b>		<b>Element Code:</b> PDAST4R0P4	
southern tarplant			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDB Element Ranks:</b>	<b>Global:</b> G3T2
	<b>State:</b> None		<b>State:</b> S2
<b>Other:</b>	Rare Plant Rank - 1B.1, SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden, SB_CRES-San Diego Zoo CRES Native Gene Seed Bank, SB_SBBG-Santa Barbara Botanic Garden		
<b>Habitat:</b>	<b>General:</b> MARSHES AND SWAMPS (MARGINS), VALLEY AND FOOTHILL GRASSLAND, VERNAL POOLS.		
	<b>Micro:</b> OFTEN IN DISTURBED SITES NEAR THE COAST AT MARSH EDGES; ALSO IN ALKALINE SOILS SOMETIMES WITH SALTGRASS. SOMETIMES ON VERNAL POOL MARGINS. 0-975 M.		

<b>Occurrence No.</b>	68	<b>Map Index:</b> 53504	<b>EO Index:</b> 53504	<b>Element Last Seen:</b>	1903-05-01
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1903-05-01
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2003-12-05
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.35560 / -118.32472		<b>Accuracy:</b>	non-specific area	
<b>UTM:</b>	Zone-11 N3802381 E378172		<b>Elevation (ft):</b>	3200	
<b>PLSS:</b>	T03N, R14W, Sec. 11 (S)		<b>Acres:</b>	89.4	
<b>Location:</b>	LAUREL CANYON.				
<b>Detailed Location:</b>	EXACT LOCATION UNKNOWN. MAPPED IN GENERAL VICINITY OF LAUREL CANYON.				
<b>Ecological:</b>					
<b>General:</b>	ONLY SOURCE OF INFORMATION FOR THIS SITE IS 1903 ANONYMOUS COLLECTION. NEEDS FIELDWORK. ANNOTATED TO C. P. AUSTRALIS BY B.G. BALDWIN IN JUNE 2003.				
<b>Owner/Manager:</b>	UNKNOWN				

<b><i>Symphotrichum greatae</i></b>		<b>Element Code:</b> PDASTE80U0	
Greata's aster			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDB Element Ranks:</b>	<b>Global:</b> G2
	<b>State:</b> None		<b>State:</b> S2
<b>Other:</b>	Rare Plant Rank - 1B.3, SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden		
<b>Habitat:</b>	<b>General:</b> CHAPARRAL, CISMONTANE WOODLAND, BROADLEAFED UPLAND FOREST, LOWER MONTANE CONIFEROUS FOREST, RIPARIAN WOODLAND.		
	<b>Micro:</b> MESIC CANYONS. 335-2015 M.		

<b>Occurrence No.</b>	31	<b>Map Index:</b> 58682	<b>EO Index:</b> 58718	<b>Element Last Seen:</b>	1946-10-20
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1946-10-20
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2004-12-16
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.26741 / -118.26249		<b>Accuracy:</b>	non-specific area	
<b>UTM:</b>	Zone-11 N3792527 E383774		<b>Elevation (ft):</b>	2800	
<b>PLSS:</b>	T02N, R13W, Sec. 08 (S)		<b>Acres:</b>	46.5	
<b>Location:</b>	UPPER HAINES CANYON, SAN GABRIEL MOUNTAINS.				
<b>Detailed Location:</b>	MAPPED IN HAINES CANYON AT ELEVATION PROVIDED.				
<b>Ecological:</b>	EDGE OF MOIST CIENAGA.				
<b>General:</b>	ONLY SOURCE IS 1946 COLLECTION. NEEDS FIELDWORK.				
<b>Owner/Manager:</b>	USFS-ANGELES NF				



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<b>Occurrence No.</b>	32	<b>Map Index:</b> 58683	<b>EO Index:</b> 58719	<b>Element Last Seen:</b>	1992-07-14
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1992-07-14
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2004-12-16
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.30903 / -118.27225		<b>Accuracy:</b>	non-specific area	
<b>UTM:</b>	Zone-11 N3797155 E382933		<b>Elevation (ft):</b>		
<b>PLSS:</b>	T03N, R13W, Sec. 32 (S)		<b>Acres:</b>	79.9	
<b>Location:</b>	GOLD CANYON TRAIL, SAN GABRIEL MOUNTAINS.				
<b>Detailed Location:</b>	EXACT LOCATION "ALONG WATER" UNCLEAR, SO MAPPED ALONG TRAIL WHERE IT COINCIDES WITH CREEK IN GOLD CANYON.				
<b>Ecological:</b>	OCCASIONAL ALONG WATER IN WET SAND AGAINST ROCKS, IN PARTIAL SHADE OF SALIX SP.				
<b>General:</b>	ONLY SOURCE IS 1992 COLLECTION. NEEDS FIELDWORK.				
<b>Owner/Manager:</b>	USFS-ANGELES NF				
<b>Occurrence No.</b>	33	<b>Map Index:</b> 58684	<b>EO Index:</b> 58720	<b>Element Last Seen:</b>	1918-10-16
<b>Occ. Rank:</b>	None		<b>Presence:</b> Possibly Extirpated	<b>Site Last Seen:</b>	1918-10-16
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2015-12-24
<b>Quad Summary:</b>	San Fernando (3411834)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.33449 / -118.39649		<b>Accuracy:</b>	non-specific area	
<b>UTM:</b>	Zone-11 N3800127 E371539		<b>Elevation (ft):</b>	1700	
<b>PLSS:</b>	T03N, R14W, Sec. 19, NW (S)		<b>Acres:</b>	41.9	
<b>Location:</b>	PACOIMA CANYON, SAN GABRIEL MOUNTAINS.				
<b>Detailed Location:</b>	MAPPED BY CNDDDB IN PACOIMA CANYON AS NONSPECIFIC POLYGON CENTERED ON ELEVATION PROVIDED.				
<b>Ecological:</b>					
<b>General:</b>	ONLY SOURCE OF INFORMATION FOR THIS SITE IS A 1918 PEIRSON COLLECTION. NEEDS FIELDWORK.				
<b>Owner/Manager:</b>	UNKNOWN				
<b>Occurrence No.</b>	55	<b>Map Index:</b> 98655	<b>EO Index:</b> 100112	<b>Element Last Seen:</b>	2010-09-01
<b>Occ. Rank:</b>	Good		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2010-09-01
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2016-01-14
<b>Quad Summary:</b>	San Fernando (3411834)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.3475 / -118.38508		<b>Accuracy:</b>	80 meters	
<b>UTM:</b>	Zone-11 N3801556 E372610		<b>Elevation (ft):</b>	2023	
<b>PLSS:</b>	T03N, R14W, Sec. 18, NE (S)		<b>Acres:</b>	5.0	
<b>Location:</b>	ABOUT 1.6 MILES UPSTREAM OF PACOIMA DAM AND 0.5 DOWNSTREAM OF LITTLE TUJUNGA CANYON RD FROM TWOGOOD'S PROPERTY.				
<b>Detailed Location:</b>	MAPPED IN THE SW 1/4 OF THE NE 1/4 OF SECTION 18 ACCORDING TO 2010 CORONA-BENNETT COORDINATES.				
<b>Ecological:</b>	N-FACING SLOPE ~2 FT ABOVE PACOIMA CREEK CHANNEL. GROWING OUT OF FISSURES IN ROCK FACE AND COVERING AN AREA OF ~4 SQ FT. ROCK SUBSTRATE WITH POCKETS OF GRAVELLY SOIL. ASSOC W/ QUERCUS CHRYSOLEPIS, ALNUS RHOMBIFOLIA, TOXICODENDRON, ETC.				
<b>General:</b>	ASSUMED 1 PLANT (RHIZOMATOUS) WITH 22 ABOVE GROUND STEMS OBSERVED IN 2010.				
<b>Owner/Manager:</b>	USFS-ANGELES NF				



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<b><i>Berberis nevinii</i></b>		<b>Element Code:</b> PDBER060A0	
Nevin's barberry			
<b>Listing Status:</b>	<b>Federal:</b> Endangered	<b>CNDDB Element Ranks:</b>	<b>Global:</b> G1
	<b>State:</b> Endangered		<b>State:</b> S1
<b>Other:</b>	Rare Plant Rank - 1B.1, SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden, SB_SBBG-Santa Barbara Botanic Garden		
<b>Habitat:</b>	<b>General:</b> CHAPARRAL, CISMONTANE WOODLAND, COASTAL SCRUB, RIPARIAN SCRUB.		
	<b>Micro:</b> ON STEEP, N-FACING SLOPES OR IN LOW GRADE SANDY WASHES. 90-1590 M.		

<b>Occurrence No.</b>	6	<b>Map Index:</b> 01612	<b>EO Index:</b> 21585	<b>Element Last Seen:</b>	1941-05-17
<b>Occ. Rank:</b>	None		<b>Presence:</b> Extirpated	<b>Site Last Seen:</b>	1999-07-29
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2014-12-10

<b>Quad Summary:</b>	San Fernando (3411834)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.27222 / -118.41342	<b>Accuracy:</b>	1/5 mile		
<b>UTM:</b>	Zone-11 N3793243 E369886	<b>Elevation (ft):</b>	1050		
<b>PLSS:</b>	T02N, R15W, Sec. 12, W (S)	<b>Acres:</b>	0.0		

<b>Location:</b>	VAN NUYS BLVD, 2 BLOCKS EAST OF PACOIMA SCHOOL, SAN FERNANDO VALLEY.				
<b>Detailed Location:</b>	MANY OLD COLLECTIONS FROM 1885 TO 1941 FROM SAN FERNANDO VALLEY AREA & COLL FROM PACOIMA WASH/SAN FERNANDO WASH ATTRIBUTED TO THIS SITE BUT ARE TOO VAGUE TO LOCATE EXACTLY. WOLF (1932) NOTES THAT NO BUSHES ARE KNOWN W OF SAN FERNANDO RD.				
<b>Ecological:</b>	IN SANDY GRAVEL.				
<b>General:</b>	~100 PLANTS IN 1932. VAGUE COLLECTIONS FROM 1885 TO 1941 ATTRIBUTED HERE. WALLACE FOUND NO HABITAT LEFT ON VAN NUYS BLVD FROM 210 FREEWAY TO SAN FERNANDO ROAD AND FOUND MUCH OF PACOIMA WASH CHANNELIZED IN 1999. INCLUDES FORMER EO #7.				
<b>Owner/Manager:</b>	PVT				

<b>Occurrence No.</b>	10	<b>Map Index:</b> 71254	<b>EO Index:</b> 47241	<b>Element Last Seen:</b>	2007-05-05
<b>Occ. Rank:</b>	Fair		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2007-05-05
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2018-11-14

<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.25485 / -118.32402	<b>Accuracy:</b>	80 meters		
<b>UTM:</b>	Zone-11 N3791207 E378091	<b>Elevation (ft):</b>	1530		
<b>PLSS:</b>	T02N, R14W, Sec. 14, SW (S)	<b>Acres:</b>	0.0		

<b>Location:</b>	NORTH OF HWY 210 AND WEST OF SHERMAN GROVE, SUNLAND.				
<b>Detailed Location:</b>	MAPPED BASED ON 2006 GPS POINTS. 1904 NEVIN COLLECTION FROM "BIG TEJUNGA (TUJUNGA) WASH, NEAR SAN FERNANDO" AND 1924 MUNZ COLLECTION FROM "2 MI E OF SAN FERNANDO" ALSO ATTRIBUTED HERE. FWS INDICATES SITE IS CULTIVATED BUT THIS IS UNCLER.				
<b>Ecological:</b>	N-FACING HILLSIDE, ROCKY AND DRY. BLACK SAGE SERIES WITH YUCCA, ELDERBERRY, SCRUB OAK, ARTEMISIA, ETC. MATILJA POPPIES FLOWERING BY RESIDENTIAL FENCE 18' NORTH OF BERBERIS NEVINII.				
<b>General:</b>	1 PLANT SEEN IN 2006, PLANT LOOKS HEALTHY WITH SEVERAL LARGE TRUNKS. 2007 GRUBB PHOTOS FROM "N OF 210 FREEWAY" AND "SUNLAND AREA" ARE ALSO ATTRIBUTED TO THIS SITE. FIELDWORK NEEDED IN TUJUNGA WASH AREA TO SEARCH FOR MORE PLANTS.				
<b>Owner/Manager:</b>	CALTRANS				



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<b>Occurrence No.</b>	43	<b>Map Index:</b>	47205	<b>EO Index:</b>	47205	<b>Element Last Seen:</b>	2000-05-31
<b>Occ. Rank:</b>	Fair	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		2000-05-31	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2014-12-26	
<b>Quad Summary:</b>	San Fernando (3411834)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.30679 / -118.39456		<b>Accuracy:</b>	80 meters			
<b>UTM:</b>	Zone-11 N3797053 E371675		<b>Elevation (ft):</b>	1552			
<b>PLSS:</b>	T03N, R14W, Sec. 31, NW (S)		<b>Acres:</b>	0.0			
<b>Location:</b>	WEST SIDE OF LOPEZ CANYON, 0.9 MILE UPSTREAM FROM CONFLUENCE WITH INDIAN CANYON NORTH OF FORESTER HAVEN & SAN FERNANDO.						
<b>Detailed Location:</b>	WEST SIDE OF ROAD, 1.5 MILES FROM THE JUNCTION WITH PAXTON. NORTH OF PICNIC AREA. MAPPED WITHIN THE NW 1/4 OF THE NW 1/4 OF SECTION 31.						
<b>Ecological:</b>	IN ALLUVIAL SCRUB WITH ARTEMISIA CALIFORNICA, QUERCUS AGRIFOLIA, PRUNUS ILICIFOLIA AND SAMBUCUS MEXICANA COVERED BY MARAH MACROCARPUS. ADJACENT TO RIBES AUREUM. OTHER ASSOCIATES INCLUDE ACOURTIA MICROCEPHALA, CAMISSONIA, ET AL.						
<b>General:</b>	1 PLANT OBSERVED IN 1997, 1998, 1999, AND 2000. A 1941 COLLECTION FROM "LOPEZ CANYON, 1500 FEET" IS ALSO ATTRIBUTED TO THIS SITE.						
<b>Owner/Manager:</b>	USFS-ANGELES NF						

<b><i>Harpagonella palmeri</i></b>	<b>Element Code:</b> PDBOR0H010						
Palmer's grapplinghook							
<b>Listing Status:</b>	<b>Federal:</b>	None	<b>CNDDB Element Ranks:</b>	<b>Global:</b>	G4		
	<b>State:</b>	None		<b>State:</b>	S3		
	<b>Other:</b>	Rare Plant Rank - 4.2, SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden, SB_CRES-San Diego Zoo CRES Native Gene Seed Bank					
<b>Habitat:</b>	<b>General:</b>	CHAPARRAL, COASTAL SCRUB, VALLEY AND FOOTHILL GRASSLAND.					
	<b>Micro:</b>	CLAY SOILS; OPEN GRASSY AREAS WITHIN SHRUBLAND. 20-955 M.					

<b>Occurrence No.</b>	60	<b>Map Index:</b>	38551	<b>EO Index:</b>	33558	<b>Element Last Seen:</b>	XXXX-XX-XX
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		XXXX-XX-XX	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		1998-04-03	
<b>Quad Summary:</b>	San Fernando (3411834), Oat Mountain (3411835), Santa Susana (3411836), Mint Canyon (3411844), Newhall (3411845), Val Verde (3411846)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.38808 / -118.54413		<b>Accuracy:</b>	5 miles			
<b>UTM:</b>	Zone-11 N3806267 E358048		<b>Elevation (ft):</b>	1300			
<b>PLSS:</b>	T04N, R16W, Sec. 34 (S)		<b>Acres:</b>	0.0			
<b>Location:</b>	NEAR NEWHALL.						
<b>Detailed Location:</b>							
<b>Ecological:</b>							
<b>General:</b>	BOYD REPORTS COLLECTION FROM THIS LOCALE IS HOUSED AT RSA. COLLECTOR AND NUMBER UNKNOWN.						
<b>Owner/Manager:</b>	UNKNOWN						



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<b><i>Lepidium virginicum var. robinsonii</i></b>		<b>Element Code:</b> PDBRA1M114	
Robinson's pepper-grass			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDB Element Ranks:</b>	<b>Global:</b> G5T3
	<b>State:</b> None		<b>State:</b> S3
	<b>Other:</b> Rare Plant Rank - 4.3		
<b>Habitat:</b>	<b>General:</b> CHAPARRAL, COASTAL SCRUB.		
	<b>Micro:</b> DRY SOILS, SHRUBLAND. 4-1435 M.		

<b>Occurrence No.</b>	156	<b>Map Index:</b>	85298	<b>EO Index:</b>	86322	<b>Element Last Seen:</b>	1917-03-11
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>	1917-03-11		
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>	2012-03-02		
<b>Quad Summary:</b>	Sunland (3411833), San Fernando (3411834)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.35613 / -118.34921		<b>Accuracy:</b>	non-specific area			
<b>UTM:</b>	Zone-11 N3802468 E375921		<b>Elevation (ft):</b>				
<b>PLSS:</b>	T03N, R14W, Sec. 09 (S)		<b>Acres:</b>	726.0			
<b>Location:</b>	PACOIMA CANYON, NEAR SAN FERNANDO.						
<b>Detailed Location:</b>	EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS BY CNDDDB ALONG THE LOWER ELEVATIONS OF PACOIMA CANYON, CLOSER TO SAN FERNANDO.						
<b>Ecological:</b>							
<b>General:</b>	ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1917 COLLECTION BY MOXLEY. NEEDS FIELDWORK.						
<b>Owner/Manager:</b>	UNKNOWN						

<b>Occurrence No.</b>	157	<b>Map Index:</b>	85299	<b>EO Index:</b>	86323	<b>Element Last Seen:</b>	2008-02-23
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>	2008-02-23		
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>	2012-03-02		
<b>Quad Summary:</b>	Sunland (3411833)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.30084 / -118.25333		<b>Accuracy:</b>	80 meters			
<b>UTM:</b>	Zone-11 N3796224 E384663		<b>Elevation (ft):</b>	1738			
<b>PLSS:</b>	T03N, R13W, Sec. 33, SW (S)		<b>Acres:</b>	0.0			
<b>Location:</b>	BIG TUJUNGA CYN; NEAR DELTA FLAT PICNIC AREA, ABOUT 2.4 AIR MI SE OF MT MCKINLEY, 4.3 AIR MI NE OF MT GLEASON JR HIGH.						
<b>Detailed Location:</b>	MAPPED ACCORDING TO COORDINATES PROVIDED FOR 2008 COLLECTION, THOUGH THIS IS SLIGHTLY SOUTHEAST OF GIVEN TRS: N 1/2 SECTION 32.						
<b>Ecological:</b>	OPEN AREA IN RIVERSIDIAN SCRUB; ALLUVIAL TERRACE NORTH OF BIG TUJUNGA CREEK. SANDY SUBSTRATE WITH YUCCA WHIPPLEI, ERIOGONUM FASCICULATUM, PECTOCARYA SP., SCHISMUS SP., CAMISSONIA SP., ERIOPHYLLUM WALLACEI, CALYPTRIDIUM MONANDRUM, ETC.						
<b>General:</b>	ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 2008 COLLECTION BY DITTES & GUARDINO.						
<b>Owner/Manager:</b>	UNKNOWN						

<b><i>Malacothamnus davidsonii</i></b>		<b>Element Code:</b> PDMAL0Q040	
Davidson's bush-mallow			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDB Element Ranks:</b>	<b>Global:</b> G2
	<b>State:</b> None		<b>State:</b> S2
	<b>Other:</b> Rare Plant Rank - 1B.2, SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden		
<b>Habitat:</b>	<b>General:</b> COASTAL SCRUB, RIPARIAN WOODLAND, CHAPARRAL, CISMONTANE WOODLAND.		





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**Micro:** SANDY WASHES. 150-1525 M.

<b>Occurrence No.</b>	2	<b>Map Index:</b>	20094	<b>EO Index:</b>	9887	<b>Element Last Seen:</b>	2015-02-19
<b>Occ. Rank:</b>	Fair	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>	2015-02-19	<b>Record Last Updated:</b>	2017-04-10
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown				

**Quad Summary:** San Fernando (3411834)  
**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.31038 / -118.39102	<b>Accuracy:</b>	non-specific area
<b>UTM:</b>	Zone-11 N3797447 E372006	<b>Elevation (ft):</b>	600
<b>PLSS:</b>	T03N, R14W, Sec. 30, SW (S)	<b>Acres:</b>	41.0

**Location:** LOPEZ CANYON, NORTH OF PACOIMA, SAN GABRIEL MOUNTAINS.  
**Detailed Location:** ABOVE PICNIC AREA AND WELL BELOW OLD BUILDINGS SHOWN TO EITHER SIDE OF THE MAIN ROAD THROUGH SECTION 30. MAPPED ACCORDING TO MAP SENT BY SCHLISING IN 1991 (INDICATING APPROXIMATE LOCATION OF HIS 1973 COLLECTION), AND 2015 COORDINATES.  
**Ecological:** IN CHAPARRAL ALONG DRY STREAMBED WITH ERIOGONUM FASCICULATUM, NICOTIANA GLAUCA, SALVIA MELLIFERA, S. APIANA, AND ERIODICTYON CRASSIFOLIUM. 2015 ASSOCIATES INCLUDE ARTEMISIA CALIFORNICA, ERICAMERIA LONGIFOLIA, BRICKELLIA CALIFORNICA, ETC.  
**General:** MOST OF SITE BASED ON A 1973 SCHLISING COLLECTION. 1 PLANT OBSERVED AT NE END OF POLYGON IN 2015.  
**Owner/Manager:** USFS-ANGELES NF, PVT

<b>Occurrence No.</b>	3	<b>Map Index:</b>	58682	<b>EO Index:</b>	10175	<b>Element Last Seen:</b>	1992-08-17
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>	1992-08-17	<b>Record Last Updated:</b>	2018-09-28
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown				

**Quad Summary:** Sunland (3411833)  
**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.26741 / -118.26249	<b>Accuracy:</b>	non-specific area
<b>UTM:</b>	Zone-11 N3792527 E383774	<b>Elevation (ft):</b>	2800
<b>PLSS:</b>	T02N, R13W, Sec. 08 (S)	<b>Acres:</b>	46.5

**Location:** UPPER HAINES CANYON, HAINES CANYON TRAIL, SAN GABRIEL MOUNTAINS.  
**Detailed Location:** EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS BY CNDDDB BASED ON A 1946 COLLECTION FROM "UPPER HAINES CYN, 2800 FT ELEVATION" AND A 1992 COLLECTION FROM "HAINES CANYON TRAIL; TUJUNGA RANGER DISTRICT."  
**Ecological:** VEGETATION AT BASE OF TRAIL IS COASTAL SAGE SCRUB DOMINATED BY ARTEMISIA CALIFORNICA WHICH GRADES INTO CHAPARRAL UP THE TRAIL. FULL SUN. WITH ARTEMISIA DOUGLASIANA, CEANOTHUS LEUCODERMIS, ERIODICTYON CRASSIFOLIUM.  
**General:** SITE IS BASED ON A 1946 SHARSMITH COLLECTION AND A 1992 MISTRETTA COLLECTION. MENTIONED AS "ABUNDANT LOCALLY, FORMING DENSE THICKET SEVERAL YARDS ACROSS" IN 1946 AND "INFREQUENT" IN 1992. MAP DETAIL NEEDED FOR THIS CANYON.  
**Owner/Manager:** UNKNOWN



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<b>Occurrence No.</b>	4	<b>Map Index:</b>	17488	<b>EO Index:</b>	9645	<b>Element Last Seen:</b>	2015-04-24
<b>Occ. Rank:</b>	Excellent	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		2015-04-24	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2018-09-28	
<b>Quad Summary:</b>	Sunland (3411833)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.3144 / -118.33853			<b>Accuracy:</b>	specific area		
<b>UTM:</b>	Zone-11 N3797828 E376843			<b>Elevation (ft):</b>	1700		
<b>PLSS:</b>	T03N, R14W, Sec. 27, W (S)			<b>Acres:</b>	15.0		
<b>Location:</b>	LITTLE TUJUNGA CANYON JUST NORTH OF THE MOUTH OF LIMEROCK CANYON, AND GOLD CREEK BETWEEN MOUTH AND WITHERSPOON RD.						
<b>Detailed Location:</b>	3 POLYGONS MAPPED ACCORDING TO 2015 SABO COORDINATES. INCLUDES COLLECTIONS FROM "2 MILES UP LOWER TUJUNGA RD FROM FORESTRY HEADQUARTERS, 1500 FT" AND "GOLD CREEK OFF LITTLE TUJUNGA CANYON, ELEV 1800 FT."						
<b>Ecological:</b>	WET MARGIN AND SHALLOW WATER OF LITTLE TUJUNGA CREEK (THORNE #39961).						
<b>General:</b>	1 PLANT IN W POLYGON, 1 PLANT IN SE POLYGON, AND 5 PLANTS IN NE POLYGON IN 2015. ID OF GOLD CREEK PLANTS UNSURE, POSSIBLE HYBRIDS. FOUR 1967 WHEELER COLLECTIONS AND A 1971 THORNE COLLECTION ARE ALSO ATTRIBUTED HERE. INCLUDES FORMER EO#43.						
<b>Owner/Manager:</b>	LAX COUNTY						
<b>Occurrence No.</b>	5	<b>Map Index:</b>	17918	<b>EO Index:</b>	9644	<b>Element Last Seen:</b>	2015-05-25
<b>Occ. Rank:</b>	Good	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		2015-05-25	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2017-04-10	
<b>Quad Summary:</b>	Sunland (3411833)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.28744 / -118.28649			<b>Accuracy:</b>	specific area		
<b>UTM:</b>	Zone-11 N3794776 E381593			<b>Elevation (ft):</b>	1600		
<b>PLSS:</b>	T02N, R13W, Sec. 6 (S)			<b>Acres:</b>	87.0		
<b>Location:</b>	BIG TUJUNGA CANYON ROAD, BETWEEN BRYANT CANYON AND SUNLAND, SAN GABRIEL MOUNTAINS.						
<b>Detailed Location:</b>	MAPPED BY CNDDDB AS MANY POLYGONS ACCORDING TO 2009 BRAMLET COORDINATES, A 2013 ANDERSON MAP, AND 2015 SABO COORDINATES AND POLYGON.						
<b>Ecological:</b>	LOW GRADIENT ALLUVIAL SOILS ALONG A DRY WASH AND IN BURNED COASTAL SAGE SCRUB. OCCUPIED NATIVE HABITATS INCLUDE LEPIDOSPARTUM SQUAMATUM AND RECOVERING ARTEMISIA CALIFORNICA WHICH IS CURRENTLY DOMINATED BY ACMISPON GLABER.						
<b>General:</b>	STATION FIRE IN 2009 APPEARS TO HAVE STIMULATED SEED GERMINATION AS M. DAVIDSONII WAS NOT FOUND ON SITE DURING 2004-2006 SURVEYS. UNK # SEEN IN 2009. ABOUT 215 PLANTS SEEN IN 2013. 30-40 PLANTS SEEN IN LARGE ROADSIDE POLYGON IN 2015.						
<b>Owner/Manager:</b>	PVT, USFS						



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<b>Occurrence No.</b>	6	<b>Map Index:</b> 20121	<b>EO Index:</b> 10137	<b>Element Last Seen:</b>	2018-07-19
<b>Occ. Rank:</b>	Excellent		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2018-07-19
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2018-10-11
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.34396 / -118.34101		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3801109 E376658		<b>Elevation (ft):</b>	2600	
<b>PLSS:</b>	T03N, R14W, Sec. 15 (S)		<b>Acres:</b>	193.0	
<b>Location:</b>	SOUTH OF THE PINNACLE, FROM 0.3 AIR MILE WEST TO 1 AIR MILE EAST OF DILLON DIVIDE, NORTH OF LITTLE TUJUNGA ROAD.				
<b>Detailed Location:</b>	3 POLYGONS MAPPED ACCORDING TO SABO DIGITAL DATA. INCLUDES 1934 LEWIS COLLECTION FROM "LITTLE TUJUNGA, SECTION 15," AND 1967 WHEELER COLLECTION FROM "LITTLE TUJUNGA CANYON NEAR DILLON DIVIDE, ANGELES NATIONAL FOREST, 2600 FT, SECTION 16."				
<b>Ecological:</b>	ROCKY ALLUVIAL FAN DRAINAGE. PLANTS RECOVERING FROM FIRE - AT THIS TIME (2017) CHAPARRAL RECOVERING INCLUDE YERBA SANTA, BUSH POPPY, TOYON, AND POISON OAK. SAND FIRE (JULY 2016) COMPLETELY BURNED THIS AREA.				
<b>General:</b>	6 PLANTS SEEN IN SMALL PORTIONS OF SITE IN 2015. 14,000+ PLANTS SEEN THROUGHOUT OCCURRENCE IN 2017; HUGE EXPANSION OF THIS POPULATION DUE TO THE 2016 SAND FIRE. SEEN IN 2018. INCLUDES FORMER OCCURRENCE #S 67 & 68.				
<b>Owner/Manager:</b>	USFS-ANGELES NF				
<b>Occurrence No.</b>	7	<b>Map Index:</b> 17493	<b>EO Index:</b> 11891	<b>Element Last Seen:</b>	1932-09-15
<b>Occ. Rank:</b>	None		<b>Presence:</b> Extirpated	<b>Site Last Seen:</b>	1932-09-15
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2014-10-15
<b>Quad Summary:</b>	San Fernando (3411834)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.28019 / -118.42439		<b>Accuracy:</b>	1/5 mile	
<b>UTM:</b>	Zone-11 N3794141 E368888		<b>Elevation (ft):</b>	1000	
<b>PLSS:</b>	T02N, R15W, Sec. 02, SW (S)		<b>Acres:</b>	0.0	
<b>Location:</b>	2 BLOCKS EAST OF SAN FERNANDO ROAD ON VAUGHN AVENUE, PACOIMA WASH, SAN FERNANDO VALLEY.				
<b>Detailed Location:</b>	MAPPED BY CNDDDB AS BEST GUESS AROUND VAUGHN AVENUE ABOUT 2 BLOCKS EAST OF SAN FERNANDO ROAD.				
<b>Ecological:</b>	IN GRAVELLY SOIL.				
<b>General:</b>	SITE BASED ON A 1932 WOLF COLLECTION; "COMMON IN THIS REGION" ACCORDING TO WOLF. A 1928 PEIRSON COLLECTION FROM "PACOIMA WASH AT UPPER BOULEVARD" AND A 1931 WOLF COLLECTION FROM "0.5 MI E OF SAN FERNANDO, 1000 FT" ARE ALSO ATTRIBUTED HERE.				
<b>Owner/Manager:</b>	UNKNOWN				



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<b>Occurrence No.</b>	8	<b>Map Index:</b> 51034	<b>EO Index:</b> 9601	<b>Element Last Seen:</b>	2010-07-15
<b>Occ. Rank:</b>	Good		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2010-07-15
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2018-09-28
<b>Quad Summary:</b>	San Fernando (3411834)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.3217 / -118.40337		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3798718 E370888		<b>Elevation (ft):</b>	1400	
<b>PLSS:</b>	T03N, R15W, Sec. 25 (S)		<b>Acres:</b>	201.0	
<b>Location:</b>	PACOIMA WASH AND LOWER PORTION OF LIMEKILN CANYON, JUST EAST OF SAN FERNANDO.				
<b>Detailed Location:</b>	MAPPED BY CNDDDB AS 10 POLYGONS ACCORDING TO 2002 FISHER COORDS & MAP, 2009 ANDERSON MAP, & 2010 CORONA-BENNETT COORDS. 2 W-MOST POLYGONS ARE BASED ON 2010 CORONA-BENNETT COORDS; MAPPED MORE EXTENSIVELY BASED ON LOCATION DESCRIPTION.				
<b>Ecological:</b>	IN COARSE SANDY SOIL OF WASH IN THE SAN FERNANDO VALLEY. ASSOCIATED WITH BRASSICA NIGRA, ERIOGONUM FASCICULATUM, SALIX GOODINGII, BACCHARIS SALICIFOLIA, AND BRICKELLIA CALIFORNICA, MALOSMA LAURINA, LEPIDOSPARTUM SQUAMATUM, ETC.				
<b>General:</b>	27 PLANTS SEEN IN 2002. 3 PLANTS IN PORTION OF OCC IN 2008, 1000S OF PLANTS IN SAME AREA IN 2009 AFTER FIRE. 2300+ PLANTS OBSERVED THROUGHOUT LARGE WESTERN POLYGON IN 2010. VAGUE 1925, 1930, AND 1931 COLLECTIONS ARE ALSO ATTRIBUTED HERE.				
<b>Owner/Manager:</b>	LADWP, USACE, OTHERS				
<b>Occurrence No.</b>	9	<b>Map Index:</b> 17495	<b>EO Index:</b> 11890	<b>Element Last Seen:</b>	1977-07-20
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1977-07-20
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2014-10-15
<b>Quad Summary:</b>	San Fernando (3411834)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.31625 / -118.49000		<b>Accuracy:</b>	3/5 mile	
<b>UTM:</b>	Zone-11 N3798227 E362907		<b>Elevation (ft):</b>	1315	
<b>PLSS:</b>	T03N, R15W, Sec. 30 (S)		<b>Acres:</b>	0.0	
<b>Location:</b>	SYLMAR, WHERE I-5 MEETS FOOTHILL BLVD, SAN FERNANDO VALLEY.				
<b>Detailed Location:</b>	MAPPED BY CNDDDB AS BEST GUESS AROUND THE JUNCTION OF INTERSTATE 5 AND FOOTHILL FREEWAY. FOOTHILL BLVD PARALLELS I-5 IN THIS AREA.				
<b>Ecological:</b>	ON NORTH-FACING SLOPE. ASSOCIATED WITH HETEROMELES ARBUTIFOLIA, JUGLANS CALIFORNICA, ADENOSTOMA FASCICULATUM, AND ERIOGONUM FASCICULATUM.				
<b>General:</b>	SITE BASED ON A 1977 KOUTNIK COLLECTION WHICH REPORTS 4 PLANTS SEEN IN 1977 AND A 1978 GRIGGS COMMENT THAT "MAYBE A DOZEN PLANTS" WERE FOUND BY KOUTNIK IN 1977.				
<b>Owner/Manager:</b>	UNKNOWN				



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<b>Occurrence No.</b>	21	<b>Map Index:</b> 60875	<b>EO Index:</b> 60911	<b>Element Last Seen:</b>	2009-04-28
<b>Occ. Rank:</b>	Good		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2009-04-28
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2017-04-10
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.27969 / -118.2993		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3793933 E380403		<b>Elevation (ft):</b>	1400	
<b>PLSS:</b>	T02N, R14W, Sec. 1, S (S)		<b>Acres:</b>	10.0	
<b>Location:</b>	BIG TUJUNGA WASH CANYON ROAD, ABOUT 0.7 MILE NNE OF MT GLEASON JR HIGH SCHOOL, NORTH OF SUNLAND.				
<b>Detailed Location:</b>	2 POLYGONS MAPPED ACCORDING TO 2002 FISCHER COORDINATES (DATUM UNKNOWN, MAPPED TO INCLUDE NAD27 AND NAD83 POINTS) AND 2009 BRAMLET COORDINATES.				
<b>Ecological:</b>	FREMONT COTTONWOOD SERIES. IN ACTIVE STREAM CHANNEL AND UP ON OLD TERRACE ALONGSIDE BIG TUJUNGA WASH CANYON ROAD. ALLUVIAL FAN SAGE SCRUB. ASSOCIATED WITH LEPIDOSPARTUM, SENECIO FLACCIDUS, SALVIA MELLIFERA, CHRYSOPSIS VILLOSA, ETC.				
<b>General:</b>	S POLYGON: UNKNOWN NUMBER OF PLANTS SEEN IN 2001, 5 PLANTS 2002. SEEN IN N POLYGON IN 2009. 1967 WHEELER COLLECTION "AT MOUTH OF BIG TUJUNGA, ACROSS MT GLEASON AVE OPPOSITE CAMP BELL LANE" ALSO ATTRIBUTED TO THIS SITE.				
<b>Owner/Manager:</b>	CITY OF LOS ANGELES, USFS				
<b>Occurrence No.</b>	22	<b>Map Index:</b> 60877	<b>EO Index:</b> 60913	<b>Element Last Seen:</b>	2011-04-20
<b>Occ. Rank:</b>	Fair		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2011-04-20
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2018-09-28
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.27430 / -118.31355		<b>Accuracy:</b>	non-specific area	
<b>UTM:</b>	Zone-11 N3793352 E379083		<b>Elevation (ft):</b>	1290	
<b>PLSS:</b>	T02N, R14W, Sec. 11, NE (S)		<b>Acres:</b>	6.2	
<b>Location:</b>	BIG TUJUNGA WASH, VICINITY OF ORO ROAD CROSSING, NORTH OF SUNLAND.				
<b>Detailed Location:</b>	MAPPED BY CNDDDB ACCORDING TO A 2002 FISCHER MAP, NEAR THE CENTER OF THE NE 1/4 OF SECTION 11.				
<b>Ecological:</b>	ALLUVIAL FAN SAGE SCRUB WITHIN TUJUNGA WASH AREA. ASSOCIATED WITH BRICKELLIA CALIFORNICA, HETEROHECA GRANDIFLORA, LUPINUS BICOLOR, AMBROSIA ACANTHICARPA, MENTZELIA LAEVICAULIS, AND EMMENANTHE PENDULIFLORA. COBBLE, GRAVELLY SUBSTRATE.				
<b>General:</b>	10 PLANTS SEEN IN 2002; 6 PLANTS WITHIN 100 METERS OF UPSTREAM SIDE OF CROSSING AND 4 PLANTS SEEN WITHIN 10 METERS OF DOWNSTREAM CROSSING. 1 PLANT OBSERVED IN 2009. UNKNOWN NUMBER OF PLANTS SEEN IN 2011.				
<b>Owner/Manager:</b>	UNKNOWN				



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<b>Occurrence No.</b>	23	<b>Map Index:</b> 60878	<b>EO Index:</b> 60914	<b>Element Last Seen:</b>	2018-06-20
<b>Occ. Rank:</b>	Fair		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2018-06-20
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2018-10-02
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.30979 / -118.25396		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3797217 E384618		<b>Elevation (ft):</b>	1900	
<b>PLSS:</b>	T03N, R13W, Sec. 33, NW (S)		<b>Acres:</b>	7.0	
<b>Location:</b>	TRAIL CANYON, ABOUT 0.2 AND 0.5 MILE NORTH OF BIG TUJUNGA WASH, NNE OF SUNLAND.				
<b>Detailed Location:</b>	MAPPED AS 3 POLYGONS WITHIN THE EAST 1/2 OF THE NE 1/4 OF SECTION 32 AND THE WEST 1/2 OF THE NW 1/4 OF SECTION 33. INCLUDES A COLLECTION FROM "TRAIL CANYON, ABOUT 2 MI INTO CANYON ON PACK TRAIL, ELEV ABOUT 2500 FT."				
<b>Ecological:</b>	WHITE ALDER SERIES WITH QUERCUS AGRIFOLIA, RUBUS URSINUS, ERIGERON FOLIOSUS, NICOTIANA GLAUCA, SENECEO FLACCIDUS, ERIOGONUM ELONGATUM, POPULUS FREMONTII, BACCHARIS SALICIFOLIA, STIPA MILIACEA, ETC. CANYON BURNED IN 2009 STATION FIRE.				
<b>General:</b>	N POLY: 1 PLANT SEEN IN 2002, ALL THAT IS LEFT OF A POPULATION DESCRIBED IN 1980 AS MUCH LARGER. "QUITE A BIT OF THIS PLANT ALONG THE STREAM IN TRAIL CANYON" IN 2013. 2 S POLYS: 13 PLANTS IN 2018. 1973 COLLINS COLLECTION ATTRIBUTED HERE.				
<b>Owner/Manager:</b>	USFS-ANGELES NF				
<b>Occurrence No.</b>	31	<b>Map Index:</b> A4202	<b>EO Index:</b> 64295	<b>Element Last Seen:</b>	1992-07-14
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1992-07-14
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2017-04-10
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.30963 / -118.27336		<b>Accuracy:</b>	non-specific area	
<b>UTM:</b>	Zone-11 N3797221 E382833		<b>Elevation (ft):</b>		
<b>PLSS:</b>	T03N, R13W, Sec. 31, NE (S)		<b>Acres:</b>	69.0	
<b>Location:</b>	GOLD CANYON TRAIL ABOVE CANYON BOTTOM, NORTHWEST OF BIG TUJUNGA CANYON.				
<b>Detailed Location:</b>	EXACT LOCATION UNKNOWN, MAPPED ALONG GOLD CANYON TRAIL WHERE IT FOLLOWS GOLD CANYON.				
<b>Ecological:</b>	IN DRY SAND ABOVE CANYON BOTTOM.				
<b>General:</b>	1992 MISTRETTA COLLECTION IS THE ONLY SOURCE FOR THIS SITE. NEEDS FIELDWORK.				
<b>Owner/Manager:</b>	USFS-ANGELES NF				



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<b>Occurrence No.</b>	32	<b>Map Index:</b> 64202	<b>EO Index:</b> 64297	<b>Element Last Seen:</b>	2018-07-19
<b>Occ. Rank:</b>	Excellent		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2018-07-19
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2018-09-28
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.26948 / -118.36348		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3792877 E374481		<b>Elevation (ft):</b>	1080	
<b>PLSS:</b>	T02N, R14W, Sec. 8, SE (S)		<b>Acres:</b>	25.0	
<b>Location:</b>	BIG TUJUNGA WASH, JUST UPSTREAM OF HANSEN DAM, WEST OF SUNLAND.				
<b>Detailed Location:</b>	9 POLYGONS MAPPED ACCORDING TO 2009 EDWARDS COORDINATES AND 2018 DIGITAL DATA FROM MORSE AND SABO, IN THE SOUTH 1/2 OF THE SE 1/4 OF SECTION 8, THE SOUTH 1/2 OF THE SW 1/4 OF SECTION 9 AND THE NORTH 1/2 OF SECTION 17.				
<b>Ecological:</b>	GENTLE NORTH-FACING SLOPE WITH SANDY SOILS IN COASTAL SAGE SCRUB HABITAT. ASSOCIATED WITH ERIOGONUM FASCICULATUM, LOTUS SCOPARIUS, MALACOTHRIX SAXATILIS, AND SOLANUM XANTI.				
<b>General:</b>	ONE LARGE PATCH OF ABOUT 30 SHRUBS SEEN IN W-MOST POLYGON IN 2009. 150 PLANTS IN LARGE POLY IN SW 1/4 SEC 9 IN 2017. 1070+ PLANTS SEEN THROUGHOUT OCC IN 2018. A 1997 WHITE COLLECTION AND A 2002 MCDONALD COLLECTION ALSO ATTRIBUTED HERE.				
<b>Owner/Manager:</b>	CITY OF LOS ANGELES				
<b>Occurrence No.</b>	33	<b>Map Index:</b> 64204	<b>EO Index:</b> 64299	<b>Element Last Seen:</b>	2017-07-25
<b>Occ. Rank:</b>	Fair		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2017-07-25
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2018-09-28
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.28961 / -118.32423		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3795062 E378123		<b>Elevation (ft):</b>	1970	
<b>PLSS:</b>	T02N, R14W, Sec. 2, NW (S)		<b>Acres:</b>	1.0	
<b>Location:</b>	UPPER EBAY CANYON, ABOUT 1.15 AIR MILES NORTH OF CONFLUENCE WITH BIG TUJUNGA CREEK.				
<b>Detailed Location:</b>	A LITTLE NORTH AND WEST OF THE HORSE TROUGH AND HITCHING RAIL ON FASCINATION SPRING TRAIL. MAPPED ACCORDING TO 2017 SABO COORDINATES, IN THE WEST 1/2 OF THE NW 1/4 OF SECTION 2.				
<b>Ecological:</b>	CHAPARRAL - SUMAC, COAST LIVE OAK.				
<b>General:</b>	7 ADULT PLANTS OBSERVED IN 2017 - 2 ARE BEING CHOKED OUT BY SUMAC, NO YOUNG PLANTS. A 1992 MISTRETTA COLLECTION FROM "OAK SPRINGS TRAIL AT SOUTH TRAILHEAD" IS ALSO ATTRIBUTED TO THIS SITE.				
<b>Owner/Manager:</b>	USFS-ANGELES NF				



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<b>Occurrence No.</b>	34	<b>Map Index:</b> 64206	<b>EO Index:</b> 64301	<b>Element Last Seen:</b>	2017-07-27
<b>Occ. Rank:</b>	Fair		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2017-07-27
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2018-09-28
<b>Quad Summary:</b>	San Fernando (3411834)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.33756 / -118.41908		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3800497 E369466		<b>Elevation (ft):</b>	2400	
<b>PLSS:</b>	T03N, R15W, Sec. 14, SE (S)		<b>Acres:</b>	5.0	
<b>Location:</b>	MAY CANYON TRUCK TRAIL ON RIDGE JUST WEST OF THE HEAD OF LOOP CANYON AND MOUTH OF UPPER LOOP CANYON.				
<b>Detailed Location:</b>	MAPPED ACCORDING TO 2017 SABO DIGITAL DATA, ON THE BORDER BETWEEN THE SW 1/4 OF THE SE 1/4 OF SECTION 14 AND THE NW 1/4 OF THE NE 1/4 OF SECTION 23.				
<b>Ecological:</b>	AT DISTURBED MARGIN OF ROAD. ASSOCIATED WITH LOTUS SCOPARIUS, ERIOGONUM FASCICULATUM FOLIOLOSUM, SENECEO FLACCIDUS DOUGLASII, AND SALVIA MELLIFERA. NEARBY UNDISTURBED SLOPES HAVE CEANOTHUS CRASSIFOLIUS, C. OLIGANTHUS, ARCTOSTAPHYLOS, ETC.				
<b>General:</b>	SOLITARY PLANT OBSERVED IN 1993. 60 PLANTS OBSERVED IN 2017; ALL MATURE PLANTS, NO YOUNG PLANTS, A NUMBER OF DEAD PLANTS IN THE AREA.				
<b>Owner/Manager:</b>	USFS-ANGELES NF				
<b>Occurrence No.</b>	42	<b>Map Index:</b> A1104	<b>EO Index:</b> 95290	<b>Element Last Seen:</b>	2016-06-30
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2016-06-30
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2016-07-13
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.28972 / -118.36692		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3795126 E374194		<b>Elevation (ft):</b>	1235	
<b>PLSS:</b>	T02N, R14W, Sec. 5, NE (S)		<b>Acres:</b>	1.0	
<b>Location:</b>	ON PRIVATE PROPERTY NEXT TO LITTLE TUJUNGA ROAD, ABOUT 1.25 AIR MILES NORTHEAST OF I-280, NORTH OF MIDDLE RANCH.				
<b>Detailed Location:</b>	MAPPED ACCORDING TO A 2016 SABO MAP.				
<b>Ecological:</b>	INTERSPERSED WITH MALACOTHAMNUS FASCICULATUS.				
<b>General:</b>	FEWER THAN 10 PLANTS OBSERVED IN 2016. A 1931 WOLF COLLECTION FROM "LITTLE TUJUNGA WASH, 1/2 MILE ABOVE THE BRIDGE ON THE ROAD FROM SUNLAND TO SAN FERNANDO, 1100 FT ELEVATION" ATTRIBUTED HERE, MENTIONED AS "COMMON" IN 1931.				
<b>Owner/Manager:</b>	PVT				





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<b>Occurrence No.</b>	44	<b>Map Index:</b> 94160	<b>EO Index:</b> 95292	<b>Element Last Seen:</b>	2017-07-19
<b>Occ. Rank:</b>	Excellent		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2017-07-19
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2018-09-28
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.33719 / -118.3664		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3800390 E374313		<b>Elevation (ft):</b>	3200	
<b>PLSS:</b>	T03N, R14W, Sec. 20, N (S)		<b>Acres:</b>	32.0	
<b>Location:</b>	KAGEL RIDGE; KAGEL MOUNTAIN ROAD, FROM JUNCTION WITH ROAD 3N32 TO ~0.5 ROAD MILE WSW OF JUNCTION, ANGELES NF				
<b>Detailed Location:</b>	MAPPED ACCORDING TO 2017 SABO COORDINATES AND DIGITAL DATA. A 2006 HOHN COLLECTION FROM "NORTH OF KAGEL MOUNTAIN ROAD, APPROX 0.4 ROAD MILE WSW OF JUNCTION WITH ROAD 3N32" ALSO ATTRIBUTED HERE.				
<b>Ecological:</b>	RELATIVELY FLAT AREA. IN WEEDY AREA WITH LOLIUM PERENNE, HIRSCHFELDIA INCANA, ETC. SPOT-BURNED IN THE STATION FIRE 2009. BURNED IN THE 2016 SAND FIRE.				
<b>General:</b>	2 PLANTS OBSERVED IN SMALL BASIN IN THIS AREA IN 2006. 20 PLANTS SEEN AT WESTERN END OF POLYGON IN 2015. 2000-5000 PLANTS OBSERVED IN 2017; STIMULATED BY THE SAND FIRE, AREA POPULATED IS 10X FROM 2015 OBSERVATION.				
<b>Owner/Manager:</b>	USFS-ANGELES NF				
<b>Occurrence No.</b>	45	<b>Map Index:</b> 94161	<b>EO Index:</b> 95293	<b>Element Last Seen:</b>	2010-07-15
<b>Occ. Rank:</b>	Good		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2010-07-15
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2014-10-16
<b>Quad Summary:</b>	San Fernando (3411834)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.34297 / -118.39551		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3801067 E371642		<b>Elevation (ft):</b>	2000	
<b>PLSS:</b>	T03N, R14W, Sec. 18, SW (S)		<b>Acres:</b>	10.0	
<b>Location:</b>	NORTH SIDE OF PACOIMA RESERVOIR, NEAR THE MOUTH OF COUGAR CANYON AND ABOUT 0.25 MILE ENE, ANGELES NATIONAL FOREST.				
<b>Detailed Location:</b>	MAPPED BY CNDDDB AS 2 POLYGONS ACCORDING TO 2010 CORONA-BENNETT COORDINATES, IN THE NORTH 1/2 OF THE SW 1/4 OF SECTION 18.				
<b>Ecological:</b>	ROCKY CANYON/DRAINAGE CHANNEL WITH STEEP SLOPES. DOMINANT SPECIES IN AREA INCLUDE QUERCUS CHRYSOLEPIS, JUGLANS CALIFORNICA, BRICKELLIA CALIFORNICA, BRASSICA NIGRA, AND AVENA FATUA. OTHER SPECIES INCLUDE CHENOPODIUM BOTRYS, CERCOCARPUS, ETC.				
<b>General:</b>	IN 2010, NE POLYGON HAD 4 PLANTS AND SW POLYGON HAD 57 PLANTS. CORONA-BENNETT ALSO NOTES THAT "ABOVE SURVEY AREA ON A SOUTH-FACING SLOPE IS A LARGE PATCH OF M. DAVIDSONII TOTALING APPROX 300 INDIVIDUALS"; NEED MAP DETAIL.				
<b>Owner/Manager:</b>	USFS-ANGELES NF				



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<b>Occurrence No.</b>	46	<b>Map Index:</b> 94162	<b>EO Index:</b> 95294	<b>Element Last Seen:</b> 1991-08-10
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1991-08-10
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2014-10-16

**Quad Summary:** San Fernando (3411834)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.35999 / -118.39309	<b>Accuracy:</b>	2/5 mile
<b>UTM:</b>	Zone-11 N3802951 E371891	<b>Elevation (ft):</b>	2600
<b>PLSS:</b>	T03N, R14W, Sec. 07 (S)	<b>Acres:</b>	0.0

**Location:** BEAR DIVIDE OFF OF LITTLE TUJUNGA CANYON, SAN GABRIEL MOUNTAINS.

**Detailed Location:** MAPPED BY CNDDDB AS BEST GUESS AROUND BEAR DIVIDE.

**Ecological:**

**General:** ONLY SOURCE OF INFORMATION FOR THIS SITE IS A 1991 NISHIDA COLLECTION. NEEDS FIELDWORK.

**Owner/Manager:** USFS-ANGELES NF

<b>Occurrence No.</b>	47	<b>Map Index:</b> 94163	<b>EO Index:</b> 95295	<b>Element Last Seen:</b> 2018-07-19
<b>Occ. Rank:</b>	Good		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 2018-07-19
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2018-10-12

**Quad Summary:** San Fernando (3411834)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.34953 / -118.40845	<b>Accuracy:</b>	specific area
<b>UTM:</b>	Zone-11 N3801810 E370463	<b>Elevation (ft):</b>	3700
<b>PLSS:</b>	T03N, R15W, Sec. 13, NW (S)	<b>Acres:</b>	2.0

**Location:** RIDGE AT HEAD OF E FORK LOOP CANYON AND COUGAR CANYON, ~0.5 MILE NORTH OF CONTRACT POINT, SAN GABRIEL MOUNTAINS.

**Detailed Location:** 3 POLYGONS MAPPED ACCORDING TO 2017 SABO DIGITAL DATA, 2018 ENGLAND COORDINATES, AND 2018 MORSE COORDINATES. IN THE NE 1/4 OF THE NW 1/4 OF SECTION 13.

**Ecological:** COASTAL SAGE SCRUB AND CHAPARRAL WITH ADENOSTOMA FASCICULATUM, ARCTOSTAPHYLOS GLAUCA, ACMISPON GRANDIFLORUS, CEANOTHUS LEUCODERMIS, SPARTIUM JUNCEUM, ERIOGONUM FASCICULATUM, ERIODICTYON CRASSIFOLIA, ERIOPHYLLUM CONFERTIFLORUM, ETC.

**General:** 30 PLANTS IN W POLY IN 2017. IN 2018, 10 PLANTS IN N POLY AND 1+ IN E POLY. INDIVIDUALS CUT DOWN FOR FUELS REDUCTION ALL RESPROUTING. A 1968 WHEELER COLLECTION FROM "RIDGE AT HEAD OF LOOP CANYON, SEC 13, 3600 FT" ATTRIBUTED HERE.

**Owner/Manager:** USFS-ANGELES NF



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<b>Occurrence No.</b>	48	<b>Map Index:</b> 94164	<b>EO Index:</b> 95296	<b>Element Last Seen:</b> 1993-05-18
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1993-05-18
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2014-10-16

**Quad Summary:** San Fernando (3411834)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.33926 / -118.46424	<b>Accuracy:</b>	1/5 mile
<b>UTM:</b>	Zone-11 N3800745 E365314	<b>Elevation (ft):</b>	2300
<b>PLSS:</b>	T03N, R15W, Sec. 16, SW (S)	<b>Acres:</b>	0.0

**Location:** RIDGE DIVIDING HOG CANYON AND SCHOOLHOUSE CANYON, WESTERN SAN GABRIEL MOUNTAINS.

**Detailed Location:** MAPPED BY CNDDDB AROUND THE SW 1/4 OF THE SW 1/4 OF SECTION 16 BASED ON TRS INFORMATION ON COLLECTION LABEL. TRS INFO BEST MATCHES RIDGE BETWEEN HOG CYN AND SOMBRERO CYN; MAPPED AS BEST GUESS TO ENCOMPASS RIDGES ON BOTH SIDES OF HOG CYN.

**Ecological:** RIDGELINE AND FIREBREAK WITH ERIOGONUM FASCICULATUM, LOTUS SCOPARIUS, ERIODICTYON CRASSIFOLIUM, AVENA BARBATA, AND BROMUS SPP. THE SURROUNDING STEEP SLOPES WITH CHAPARRAL OF ADENOSTOMA FASCICULATUM, CEANOTHUS CRASSIFOLIUS, QUERCUS, ETC.

**General:** SINGLE PLANT OBSERVED AT EDGE OF FIREBREAK IN 1993.

**Owner/Manager:** USFS-ANGELES NF

<b>Occurrence No.</b>	49	<b>Map Index:</b> 94165	<b>EO Index:</b> 95297	<b>Element Last Seen:</b> 2005-04-18
<b>Occ. Rank:</b>	Fair		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 2005-04-18
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2014-10-17

**Quad Summary:** San Fernando (3411834)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.33084 / -118.46411	<b>Accuracy:</b>	80 meters
<b>UTM:</b>	Zone-11 N3799811 E365313	<b>Elevation (ft):</b>	1575
<b>PLSS:</b>	T03N, R15W, Sec. 21, NW (S)	<b>Acres:</b>	0.0

**Location:** HOG DEBRIS BASIN, NEAR THE MOUTH OF HOG CANYON, SAN GABRIEL MOUNTAINS.

**Detailed Location:** EASTERN EDGE OF THE BASIN NEXT TO A CONCRETE SHUNT. MAPPED BY CNDDDB ACCORDING TO 2005 WARNIMENT COORDINATES, IN THE SW 1/4 OF THE NW 1/4 OF SECTION 21.

**Ecological:** MIXED SAGE SCRUB. ASSOCIATED WITH ERIOGONUM FASCICULATUM, ARTEMISIA CALIFORNICA, YUCCA WHIPPLEI, MALOSMA LAURINA, AND SALVIA MELLIFERA.

**General:** 1 PLANT OBSERVED IN 2005. A 2001 REISER COLLECTION FROM "NE OF ROXFORD ROAD AND THE 210 FREEWAY, SYLMAR" ALSO ATTRIBUTED TO THIS SITE; 1 SHRUB IN 2001.

**Owner/Manager:** LAX COUNTY



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<b>Occurrence No.</b>	50	<b>Map Index:</b>	94166	<b>EO Index:</b>	95298	<b>Element Last Seen:</b>	2017-08-16
<b>Occ. Rank:</b>	Fair	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		2017-08-16	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2018-10-01	
<b>Quad Summary:</b>	San Fernando (3411834)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.32804 / -118.47544			<b>Accuracy:</b>	specific area		
<b>UTM:</b>	Zone-11 N3799515 E364267			<b>Elevation (ft):</b>	1500		
<b>PLSS:</b>	T03N, R15W, Sec. 20, S (S)			<b>Acres:</b>	31.0		
<b>Location:</b>	STETSON DEBRIS BASIN, NORTH OF HWY 210 BETWEEN SOMBRERO CANYON AND GRAPEVINE CANYON, SAN GABRIEL MOUNTAINS.						
<b>Detailed Location:</b>	SEVERAL POLYGONS MAPPED ACCORDING TO 2005 WARNIMENT COORDINATES, AND 2017 MORSE AND SABO COORDINATES, MOSTLY WITHIN THE SOUTH 1/2 OF SECTION 20.						
<b>Ecological:</b>	MIXED SAGE SCRUB. ASSOCIATED WITH ERIOGONUM FASCICULATUM, SALVIA MELLIFERA, MIMULUS AURANTIACUS, MALOSMA LAURINA, ADENOSTOMA FASCICULATUM, LOTUS SCOPARIUS, AND ERIODICTYON CRASSIFOLIUM.						
<b>General:</b>	2 PLANTS OBSERVED IN 2005; ONE PLANT AT BOTTOM OF SLOPE ON THE WEST EDGE OF THE BASIN, ONE PLANT AT THE BOTTOM OF THE SLOPE ON THE EAST EDGE OF THE BASIN. SEEN IN 2010. ~300+ PLANTS SEEN THROUGHOUT OCCURRENCE IN 2017.						
<b>Owner/Manager:</b>	LAX CO, CITY OF LOS ANGELES						
<b>Occurrence No.</b>	60	<b>Map Index:</b>	96581	<b>EO Index:</b>	97759	<b>Element Last Seen:</b>	2010-09-01
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		2010-09-01	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2015-07-02	
<b>Quad Summary:</b>	Sunland (3411833)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.26860 / -118.34193			<b>Accuracy:</b>	80 meters		
<b>UTM:</b>	Zone-11 N3792754 E376462			<b>Elevation (ft):</b>	1120		
<b>PLSS:</b>	T02N, R14W, Sec. 10, SW (S)			<b>Acres:</b>	0.0		
<b>Location:</b>	BIG TUJUNGA PONDS WILDLIFE SANCTUARY; ALONG PERIMETER OF NORTHERNMOST OF TWO PONDS, TUJUNGA VALLEY.						
<b>Detailed Location:</b>	WITHIN HANSEN DAM PARK. MAPPED BY CNDDDB ACCORDING TO 2010 SWINNEY COORDINATES, IN THE SW 1/4 OF THE SW 1/4 OF SECTION 10.						
<b>Ecological:</b>	DRY SOIL. FLOOD PLAIN BETWEEN TWO DRAINAGES. ALNUS RHOMBIFOLIA/FRAXINUS UHDEI WOODLAND SURROUNDED BY CHAPARRAL AND COASTAL SAGE/RIVERSIDIAN SCRUB. ERADICATION PROGRAM UNDERWAY FOR FRAXINUS UHDEI.						
<b>General:</b>	ONLY SOURCE OF INFORMATION FOR THIS SITE IS A 2010 SWINNEY COLLECTION; "SCARCE" IN 2010.						
<b>Owner/Manager:</b>	CITY OF LOS ANGELES						



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<b>Occurrence No.</b>	61	<b>Map Index:</b> 96582	<b>EO Index:</b> 97760	<b>Element Last Seen:</b>	2015-08-08
<b>Occ. Rank:</b>	Excellent		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2015-08-08
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2016-07-13
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.30988 / -118.30001		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3797281 E380381		<b>Elevation (ft):</b>	3000	
<b>PLSS:</b>	T03N, R14W, Sec. 25 (S)		<b>Acres:</b>	226.0	
<b>Location:</b>	UPPER BOULDER CANYON, SOUTH OF GOLD CANYON SADDLE, WEST SIDE OF YERBA BUENA RIDGE.				
<b>Detailed Location:</b>	2 POLYGONS MAPPED ACCORDING TO 2015 COORDINATES AND MAP FROM SABO.				
<b>Ecological:</b>					
<b>General:</b>	IN 2015, 1 PLANT SEEN IN NORTHERN POLYGON AND 1000+ PLANTS IN SOUTHERN POLYGON IN VERY DENSE GROUPS.				
<b>Owner/Manager:</b>	USFS-ANGELES NF				
<b>Occurrence No.</b>	62	<b>Map Index:</b> 96583	<b>EO Index:</b> 97761	<b>Element Last Seen:</b>	2018-07-09
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2018-07-09
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2018-10-01
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.32279 / -118.30367		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3798717 E380062		<b>Elevation (ft):</b>	2400	
<b>PLSS:</b>	T03N, R14W, Sec. 24, S (S)		<b>Acres:</b>	27.0	
<b>Location:</b>	SOUTH OF GOLD CREEK, NORTH OF BOULDER CANYON, ABOUT 2.2 TO 3 AIR MILES WSW OF MOUNT MCKINLEY.				
<b>Detailed Location:</b>	2 POLYGONS MAPPED ACCORDING TO 2015-2018 DATA FROM SABO.				
<b>Ecological:</b>	NEWER POPULATION GREW AFTER THE CREEK FIRE BURNED THE AREA 12-5-17 AND FIREFIGHTING EQUIPMENT CLEARED ALONGSIDE ROADWAY.				
<b>General:</b>	WESTERN POLYGON: FEWER THAN 10 PLANTS OBSERVED IN 2015, 50+ PLANTS IN 2018. EASTERN POLYGON: GROUP OF APPROXIMATELY 50 PLANTS OBSERVED IN 2016, MOST PLANTS ARE BELOW THE RIDGE WITH 1 OR 2 UP ON THE RIDGE.				
<b>Owner/Manager:</b>	USFS-ANGELES NF, PVT				
<b>Occurrence No.</b>	63	<b>Map Index:</b> 96590	<b>EO Index:</b> 97764	<b>Element Last Seen:</b>	2017-05-11
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2017-05-11
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2018-10-01
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.30948 / -118.35232		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3797300 E375566		<b>Elevation (ft):</b>	1800	
<b>PLSS:</b>	T03N, R14W, Sec. 28, S (S)		<b>Acres:</b>	69.0	
<b>Location:</b>	LOVELL CANYON/UPPER MAREK CANYON OFF OF LITTLE TUJUNGA CANYON ROAD, NW OF COTTONWOOD GLEN.				
<b>Detailed Location:</b>	MAPPED BY CNDDDB ACCORDING TO 2015 SABO COORDINATES AND POLYGON, IN THE SOUTH 1/2 OF SECTION 28 AND THE NE 1/4 OF SECTION 33.				
<b>Ecological:</b>	IN AND ON SIDES OF ARROYO.				
<b>General:</b>	LARGE POPULATION WITH APPROXIMATELY 220 INDIVIDUALS IN 2015; 96% APPEAR TO BE M. DAVIDSONII, 4% INTERGRADES. FEWER THAN 10 PLANTS SEEN AT EASTERN END OF POLYGON IN 2017.				
<b>Owner/Manager:</b>	USFS-ANGELES NF				



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<b>Occurrence No.</b>	64	<b>Map Index:</b>	96591	<b>EO Index:</b>	97768	<b>Element Last Seen:</b>	2016-06-06
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		2016-06-06	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2016-07-13	
<b>Quad Summary:</b>	Sunland (3411833)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.3278 / -118.34028			<b>Accuracy:</b>	80 meters		
<b>UTM:</b>	Zone-11 N3799316 E376701			<b>Elevation (ft):</b>	1810		
<b>PLSS:</b>	T03N, R14W, Sec. 22, SW (S)			<b>Acres:</b>	5.0		
<b>Location:</b>	LITTLE TUJUNGA ROAD IN BUCK CANYON, ABOUT 0.2 MILE ABOVE CONFLUENCE WITH LITTLE TUJUNGA CANYON, SAN GABRIEL MOUNTAINS.						
<b>Detailed Location:</b>	NEXT TO ROAD AND ON SLOPE DESCENDING INTO THE CANYON BELOW. MAPPED IN THE NW 1/4 OF THE SW 1/4 OF SECTION 22 ACCORDING TO 2016 SABO COORDINATES.						
<b>Ecological:</b>	RECENTLY BURNED SOUTH SLOPE CHAPARRAL (1962).						
<b>General:</b>	FEWER THAN 10 PLANTS OBSERVED IN 2016. A 1962 WHEELER COLLECTION FROM "BUCK CANYON AT LITTLE TUJUNGA CANYON" IS ALSO ATTRIBUTED TO THIS SITE, MENTIONED AS "ABUNDANT OVER ABOUT 1 ACRE" IN 1962.						
<b>Owner/Manager:</b>	USFS-ANGELES NF						
<b>Occurrence No.</b>	65	<b>Map Index:</b>	96592	<b>EO Index:</b>	97769	<b>Element Last Seen:</b>	2015-03-09
<b>Occ. Rank:</b>	Good	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		2015-03-09	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2015-07-02	
<b>Quad Summary:</b>	Sunland (3411833)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.32250 / -118.37337			<b>Accuracy:</b>	80 meters		
<b>UTM:</b>	Zone-11 N3798769 E373648			<b>Elevation (ft):</b>	2444		
<b>PLSS:</b>	T03N, R14W, Sec. 29, NW (S)			<b>Acres:</b>	0.0		
<b>Location:</b>	KAGEL CANYON ROAD IN KAGEL CANYON, JUST WEST OF KAGEL DIVIDE, NORTH OF GLEN HAVEN MEMORIAL PARK.						
<b>Detailed Location:</b>	MAPPED BY CNDDDB ACCORDING TO 2015 SABO COORDINATES, ON THE SECTION LINE BETWEEN THE NW 1/4 OF SECTION 29 AND THE SW 1/4 OF SECTION 20.						
<b>Ecological:</b>							
<b>General:</b>	4 PLANTS OBSERVED IN 2015.						
<b>Owner/Manager:</b>	USFS-ANGELES NF						



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<b>Occurrence No.</b>	66	<b>Map Index:</b>	96594	<b>EO Index:</b>	97771	<b>Element Last Seen:</b>	2015-04-18
<b>Occ. Rank:</b>	Good	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		2015-04-18	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2015-07-03	
<b>Quad Summary:</b>	Sunland (3411833)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.34849 / -118.31279			<b>Accuracy:</b>	specific area		
<b>UTM:</b>	Zone-11 N3801577 E379259			<b>Elevation (ft):</b>	4500		
<b>PLSS:</b>	T03N, R14W, Sec. 14, N (S)			<b>Acres:</b>	62.0		
<b>Location:</b>	RIDGELINE OF MENDENHALL PEAK; FROM MENDENHALL SADDLE EXTENDING WEST FOR ABOUT 0.8 AIR MILE, ANGELES NATIONAL FOREST.						
<b>Detailed Location:</b>	MAPPED BY CNDDDB AS 2 POLYGONS BASED ON 2015 SABO COORDINATES AND POLYGONS, IN THE NORTH 1/2 OF SECTION 14 AND THE NW 1/4 NW 1/4 OF SECTION 13.						
<b>Ecological:</b>	45 DEGREE SLOPES.						
<b>General:</b>	1000+ PLANTS OBSERVED IN 2015.						
<b>Owner/Manager:</b>	USFS-ANGELES NF						
<b>Occurrence No.</b>	69	<b>Map Index:</b>	96597	<b>EO Index:</b>	97774	<b>Element Last Seen:</b>	2015-04-18
<b>Occ. Rank:</b>	Fair	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		2015-04-18	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2015-07-03	
<b>Quad Summary:</b>	Sunland (3411833), San Fernando (3411834)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.26725 / -118.37590			<b>Accuracy:</b>	80 meters		
<b>UTM:</b>	Zone-11 N3792645 E373333			<b>Elevation (ft):</b>	1014		
<b>PLSS:</b>	T02N, R14W, Sec. 08, SW (S)			<b>Acres:</b>	0.0		
<b>Location:</b>	HANSEN DAM PARK; APPROXIMATELY 0.4 AIR MILE NE OF MIDDLE LAKE, NORTH OF STONEHURST.						
<b>Detailed Location:</b>	MAPPED BY CNDDDB ACCORDING TO 2015 SABO COORDINATES, IN THE SW 1/4 OF THE SW 1/4 OF SECTION 8.						
<b>Ecological:</b>	JUST ABOVE THE RIPARIAN AREA.						
<b>General:</b>	1 PLANT OBSERVED IN 2015.						
<b>Owner/Manager:</b>	CITY OF LOS ANGELES						
<b>Occurrence No.</b>	71	<b>Map Index:</b>	A1116	<b>EO Index:</b>	102684	<b>Element Last Seen:</b>	2016-06-10
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		2016-06-10	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2016-07-13	
<b>Quad Summary:</b>	Sunland (3411833)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.30973 / -118.37276			<b>Accuracy:</b>	80 meters		
<b>UTM:</b>	Zone-11 N3797352 E373686			<b>Elevation (ft):</b>	1830		
<b>PLSS:</b>	T03N, R14W, Sec. 29, SW (S)			<b>Acres:</b>	5.0		
<b>Location:</b>	CREEK CHANNEL NEXT TO KAGEL CANYON, GLEN HAVEN MEMORIAL PARK.						
<b>Detailed Location:</b>	MAPPED IN THE SE 1/4 OF THE SW 1/4 OF SECTION 29 ACCORDING TO A 2016 SABO MAP.						
<b>Ecological:</b>	AT THE BOTTOM OF THE CREEK CHANNEL.						
<b>General:</b>	50-60 INDIVIDUALS OBSERVED IN 2016.						
<b>Owner/Manager:</b>	UNKNOWN						



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<b>Occurrence No.</b>	72	<b>Map Index:</b> A1118	<b>EO Index:</b> 102686	<b>Element Last Seen:</b>	2016-06-30
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2016-06-30
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2016-07-13

**Quad Summary:** Sunland (3411833)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.30124 / -118.35028	<b>Accuracy:</b>	specific area
<b>UTM:</b>	Zone-11 N3796382 E375742	<b>Elevation (ft):</b>	1420
<b>PLSS:</b>	T03N, R14W, Sec. 33, NE (S)	<b>Acres:</b>	8.0

**Location:** UNNAMED CANYON ON WEST SIDE OF LITTLE TUJUNGA CANYON, ABOUT 0.4 MILE SSW OF COTTONWOOD GLEN.

**Detailed Location:** MAPPED IN THE SW 1/4 OF THE NE 1/4 OF SECTION 33 ACCORDING TO A 2016 SABO MAP.

**Ecological:**

**General:** 50 DROUGHT-STRESSED INDIVIDUALS WITHIN POLYGON IN 2016, MAY BE MORE FURTHER UP THE CANYON.

**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	73	<b>Map Index:</b> A1119	<b>EO Index:</b> 102687	<b>Element Last Seen:</b>	2015-06-29
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2015-06-29
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2016-07-13

**Quad Summary:** San Fernando (3411834)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.31918 / -118.38403	<b>Accuracy:</b>	specific area
<b>UTM:</b>	Zone-11 N3798414 E372663	<b>Elevation (ft):</b>	2150
<b>PLSS:</b>	T03N, R14W, Sec. 30, NE (S)	<b>Acres:</b>	6.0

**Location:** UPPER LOPEZ CANYON, ABOUT 1 AIR MILE SOUTH OF KAGEL MOUNTAIN, EAST OF SAN FERNANDO.

**Detailed Location:** MAPPED IN THE NW 1/4 OF THE NE 1/4 OF SECTION 30 ACCORDING TO A 2015 SABO MAP.

**Ecological:** FOREST EDGE.

**General:** 50+ DROUGHT-STRESSED PLANTS OBSERVED IN 2015; STELLATE HAIRS CONFIRM M. DAVIDSONII, SMALL LEAVES LIKELY DUE TO DROUGHT.

**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	74	<b>Map Index:</b> A4203	<b>EO Index:</b> 105879	<b>Element Last Seen:</b>	2009-04-30
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2009-04-30
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2017-04-10

**Quad Summary:** Sunland (3411833)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.27294 / -118.32853	<b>Accuracy:</b>	80 meters
<b>UTM:</b>	Zone-11 N3793218 E377703	<b>Elevation (ft):</b>	1223
<b>PLSS:</b>	T02N, R14W, Sec. 10, SE (S)	<b>Acres:</b>	5.0

**Location:** LOWER BIG TUJUNGA CREEK WASH, NE OF FOOTHILL BLVD, ABOUT 0.3 MILE EAST OF LAKEVIEW TERRACE SANITARIUM.

**Detailed Location:**

**Ecological:** ALLUVIAL WASH SAGE SCRUB WITH ERIOGONUM FASCICULATUM, CHRYSOPSIS VILLOSA, BACCHARIS SALICIFOLIA, SENEIO FLACCIDUS, YUCCA WHIPPLEI, LEPIDOSPARTUM SQUAMATUM, ETC.

**General:** SITE IS BASED ON A 2009 BRAMLET COLLECTION.

**Owner/Manager:** UNKNOWN





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<b>Occurrence No.</b>	75	<b>Map Index:</b> A4204	<b>EO Index:</b> 105881	<b>Element Last Seen:</b>	2016-07-10
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2016-07-10
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2017-04-10

**Quad Summary:** Sunland (3411833)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.29667 / -118.35464	<b>Accuracy:</b>	specific area
<b>UTM:</b>	Zone-11 N3795881 E375334	<b>Elevation (ft):</b>	1350
<b>PLSS:</b>	T03N, R14W, Sec. 33, SW (S)	<b>Acres:</b>	3.0

**Location:** LITTLE TUJUNGA CANYON, NORTH SIDE OF LITTLE TUJUNGA CANYON ROAD JUST EAST OF MAREK MOTORWAY.

**Detailed Location:** LOCATED MAINLY IN DRAINAGE CHANNEL RUNNING N-S. A FEW SCATTERED AROUND THE WATER TANK.

**Ecological:** DRAINAGE CHANNEL.

**General:** FEWER THAN 50 PLANTS OBSERVED IN 2016.

**Owner/Manager:** USFS-ANGELES NF, UNKNOWN

<b>Occurrence No.</b>	76	<b>Map Index:</b> A4205	<b>EO Index:</b> 105882	<b>Element Last Seen:</b>	2010-10-25
<b>Occ. Rank:</b>	Poor		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2010-10-25
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2017-04-12

**Quad Summary:** San Fernando (3411834)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.29549 / -118.41965	<b>Accuracy:</b>	80 meters
<b>UTM:</b>	Zone-11 N3795832 E369349	<b>Elevation (ft):</b>	1175
<b>PLSS:</b>	T03N, R15W, Sec. 35, SE (S)	<b>Acres:</b>	5.0

**Location:** NORTHERN SIDE OF PACOIMA WASH FLOOD CONTROL CHANNEL BETWEEN FOOTHILL BLVD AND 8TH STREET, CITY OF SAN FERNANDO.

**Detailed Location:** VICINITY OF THE SOUTHERN TERMINUS OF BROMONT AVENUE. WITHIN THE SW 1/4 OF THE SE 1/4 OF SECTION 35.

**Ecological:** RUDERAL FUEL MODIFICATION LOT. DISTURBED WASTE AREA LOCATED ADJACENT TO A LARGE CONCRETE FLOOD CONTROL CHANNEL. URBAN LOCATION. THERE IS NO RELICTUAL NATIVE HABITAT, AND THE WEEDS IN THIS AREA ARE ROUTINELY MAINTAINED.

**General:** 3 PLANTS OBSERVED IN 2010. PLANTS MAY BE RESULT OF DOWNWASHED SEEDS AS THERE ARE POPULATIONS OF THIS SPECIES FURTHER UPSTREAM IN THE WATERSHED.

**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	78	<b>Map Index:</b> B0905	<b>EO Index:</b> 112788	<b>Element Last Seen:</b>	2017-07-27
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2017-07-27
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2018-10-01

**Quad Summary:** Sunland (3411833)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.35184 / -118.34648	<b>Accuracy:</b>	specific area
<b>UTM:</b>	Zone-11 N3801990 E376166	<b>Elevation (ft):</b>	3141
<b>PLSS:</b>	T03N, R14W, Sec. 9, SE (S)	<b>Acres:</b>	1.0

**Location:** ON USFS ROAD 3N32 (MENDENHALL RIDGE ROAD), ABOUT 0.2 AIR MILE NW OF SUMMIT OF THE PINNACLE.

**Detailed Location:** MAPPED ACCORDING TO 2017 SABO COORDINATES, ON THE SOUTHERN BORDER OF THE SE 1/4 OF SECTION 9.

**Ecological:** ON THE ROAD SURFACE.

**General:** SINGLE YOUNG PLANT OBSERVED IN 2017.

**Owner/Manager:** USFS-ANGELES NF



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<b>Occurrence No.</b>	79	<b>Map Index:</b> B0906	<b>EO Index:</b> 112789	<b>Element Last Seen:</b>	2017-08-08
<b>Occ. Rank:</b>	Excellent		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2017-08-08
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2018-10-01
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.3297 / -118.29827		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3799477 E380569		<b>Elevation (ft):</b>	2440	
<b>PLSS:</b>	T03N, R14W, Sec. 24 (S)		<b>Acres:</b>	13.0	
<b>Location:</b>	GOLD CREEK, JUST NORTH OF THE MOUTH OF PINE CANYON, SOUTHWEST OF MOUNT MCKINLEY.				
<b>Detailed Location:</b>	MAPPED ACCORDING TO 2017 SABO DIGITAL DATA, NEAR THE CENTER OF SECTION 24.				
<b>Ecological:</b>	FLAT BOTTOM OF CANYON WHERE CANYON WIDENS OUT AND GOLD CREEK WANDERS IN THIS AREA. OAK, CHAPARRAL SCRUB, SYCAMORE, YERBA SANTA, BUCKWHEAT.				
<b>General:</b>	1000 PLANTS OBSERVED IN 2017. PRIVATE PROPERTY AT THE END OF GOLD CREEK ROAD; PERMISSION IS REQUIRED TO BE ON PROPERTY.				
<b>Owner/Manager:</b>	PVT, USFS-ANGELES NF				
<b>Occurrence No.</b>	80	<b>Map Index:</b> B0914	<b>EO Index:</b> 112799	<b>Element Last Seen:</b>	2018-07-09
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2018-07-09
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2018-10-02
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.31939 / -118.31718		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3798356 E378815		<b>Elevation (ft):</b>	2100	
<b>PLSS:</b>	T03N, R14W, Sec. 26, N (S)		<b>Acres:</b>	3.0	
<b>Location:</b>	MOUTH OF BOULDER CANYON, ABOUT 1.3 AIR MILES WEST OF GOLD CANYON SADDLE.				
<b>Detailed Location:</b>	MAPPED ACCORDING TO 2018 SABO DIGITAL DATA, NEAR THE CENTER OF THE NORTH 1/2 OF SECTION 26.				
<b>Ecological:</b>					
<b>General:</b>	200 PLANTS OBSERVED IN 2018. NEW POPULATION APPEARING AFTER THE CREEK FIRE REMOVED OLD GROWTH CHAPARRAL ON 12-5-17.				
<b>Owner/Manager:</b>	USFS-ANGELES NF				
<b>Occurrence No.</b>	81	<b>Map Index:</b> B0915	<b>EO Index:</b> 112801	<b>Element Last Seen:</b>	2018-09-02
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2018-09-02
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2018-10-02
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.30836 / -118.32529		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3797142 E378052		<b>Elevation (ft):</b>	2574	
<b>PLSS:</b>	T03N, R14W, Sec. 26, SW (S)		<b>Acres:</b>	1.0	
<b>Location:</b>	OAK SPRING, ABOUT 1.2 AIR MILES ENE OF COTTONWOOD GLEN, NORTHWEST SIDE OF YERBA BUENA RIDGE.				
<b>Detailed Location:</b>	EAST SIDE OF SPRING, NEAR WHERE OAK SPRING TRAIL CROSSES THE SPRING. MAPPED ACCORDING TO 2018 SABO DIGITAL DATA, IN THE FAR SW 1/4 OF SECTION 26.				
<b>Ecological:</b>	UNDER THE OAK CANOPY NEXT TO THE SPRING.				
<b>General:</b>	200 PLANTS OBSERVED IN 2018.				
<b>Owner/Manager:</b>	USFS-ANGELES NF				



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<b>Occurrence No.</b>	82	<b>Map Index:</b> B0916	<b>EO Index:</b> 112802	<b>Element Last Seen:</b>	2018-05-29
<b>Occ. Rank:</b>	Fair		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2018-05-29
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2018-10-02
<b>Quad Summary:</b>	San Fernando (3411834)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.35333 / -118.41717		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3802243 E369667		<b>Elevation (ft):</b>	4027	
<b>PLSS:</b>	T03N, R15W, Sec. 11, SE (S)		<b>Acres:</b>	1.0	
<b>Location:</b>	ALONG SANTA CLARA TRUCK TRAIL, WEST OF LACD FIRE CAMP 9, COMMUNICATIONS FACILITY NEAR FERNANDO 2 BENCHMARK.				
<b>Detailed Location:</b>	INDIVIDUAL OF MALACOTHAMNUS DAVIDSONII GROWING WITHIN WHAT APPEARED TO BE FOUNDATION OF OLD CONCRETE STRUCTURE. MAPPED ACCORDING TO 2018 ENGLAND COORDINATES, IN THE SOUTH 1/2 OF THE SE 1/4 OF SECTION 11.				
<b>Ecological:</b>	COASTAL SAGE SCRUB WITH ERIODICTYON CRASSIFOLIA, ERIOGONUM FASCICULATUM, CORETHROGYNE FILAGINIFOLIA, ADENOSTOMA FASCICULATUM, QUERCUS CHRYSOLEPIS, SPARTIUM JUNCEUM, ETC. IMMEDIATE AREA APPARENTLY BURNED SOME YEARS AGO.				
<b>General:</b>	1 PLANT OBSERVED IN 2018.				
<b>Owner/Manager:</b>	USFS-ANGELES NF				
<b>Occurrence No.</b>	83	<b>Map Index:</b> B0919	<b>EO Index:</b> 112805	<b>Element Last Seen:</b>	2018-07-19
<b>Occ. Rank:</b>	Good		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2018-07-19
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2018-10-12
<b>Quad Summary:</b>	San Fernando (3411834)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.3431 / -118.40673		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3801096 E370611		<b>Elevation (ft):</b>	3700	
<b>PLSS:</b>	T03N, R15W, Sec. 13, SW (S)		<b>Acres:</b>	9.0	
<b>Location:</b>	NORTH SIDE OF CONTRACT POINT, ABOUT 0.8 AIR MILE NORTHWEST OF PACOIMA DAM.				
<b>Detailed Location:</b>	MAPPED ACCORDING TO 2017 SABO DIGITAL DATA, IN THE NE 1/4 OF THE SW 1/4 OF SECTION 13.				
<b>Ecological:</b>	COASTAL SAGE SCRUB, SANDY/GRAVELLY SOILS, WITH RHUS OVATA, ERIOGONUM FASCICULATUM, ERIODICTYON CRASSIFOLIA, ERICAMERIA PARISHII, SPARTIUM JUNCEUM, HESPEROYUCCA WHIPPLEI, CEANOTHUS CRASSIFOLIUS, ADENOSTOMA FASCICULATUM, ETC.				
<b>General:</b>	150 PLANTS OBSERVED IN 2017. 8 PLANTS OBSERVED IN 2018.				
<b>Owner/Manager:</b>	USFS-ANGELES NF				



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<b>Occurrence No.</b>	84	<b>Map Index:</b> B0921	<b>EO Index:</b> 112807	<b>Element Last Seen:</b>	2017-07-29
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2017-07-29
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2018-10-02

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**Quad Summary:** San Fernando (3411834)

**County Summary:** Los Angeles

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**Lat/Long:** 34.33756 / -118.40411 **Accuracy:** specific area

**UTM:** Zone-11 N3800478 E370844 **Elevation (ft):** 2900

**PLSS:** T03N, R15W, Sec. 24, NE (S) **Acres:** 4.0

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**Location:** RIDGE ABOVE PACOIMA RESERVOIR, ABOUT 0.35 AIR MILE SSE OF CONTRACT POINT.

**Detailed Location:** MAPPED ACCORDING TO 2017 SABO DIGITAL DATA, IN THE NW 1/4 OF THE NE 1/4 OF SECTION 24.

**Ecological:** DIFFICULT TO ACCESS, RIDGE, PLANTS ARE ON STEEP NORTHEAST SIDE.

**General:** 50 PLANTS OBSERVED IN 2017.

**Owner/Manager:** USFS-ANGELES NF

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<b><i>Chorizanthe parryi var. fernandina</i></b>		<b>Element Code:</b> PDPGN040J1	
San Fernando Valley spineflower			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDDB Element Ranks:</b>	<b>Global:</b> G2T1
	<b>State:</b> Endangered		<b>State:</b> S1
	<b>Other:</b> Rare Plant Rank - 1B.1, SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden, USFS_S-Sensitive		
<b>Habitat:</b>	<b>General:</b> COASTAL SCRUB, VALLEY AND FOOTHILL GRASSLAND.		
	<b>Micro:</b> SANDY SOILS. 15-1015 M.		

<b>Occurrence No.</b>	1	<b>Map Index:</b>	41260	<b>EO Index:</b>	41260	<b>Element Last Seen:</b>	1920-05-03
<b>Occ. Rank:</b>	None	<b>Presence:</b>	Possibly Extirpated	<b>Site Last Seen:</b>		1920-05-03	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2008-09-29	

**Quad Summary:** Sunland (3411833), San Fernando (3411834)  
**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.28091 / -118.37117	<b>Accuracy:</b>	3/5 mile
<b>UTM:</b>	Zone-11 N3794154 E373789	<b>Elevation (ft):</b>	1100
<b>PLSS:</b>	T02N, R14W, Sec. 05 (S)	<b>Acres:</b>	0.0

**Location:** LITTLE TUJUNGA WASH, JUST ABOVE THE JUNCTION WITH BIG TUJUNGA WASH, SW BASE OF SAN GABRIEL MOUNTAINS.  
**Detailed Location:** EXACT LOCATION UNKNOWN. MAPPED ALONG THE BASE OF THE SAN GABRIEL MOUNTAINS AT THE MOUTH OF LITTLE TUJUNGA CANYON. A 1920 OTTLEY COLLECTION FROM "LITTLE TUJUNGA WASH" ALSO ATTRIBUTED TO THIS SITE.  
**Ecological:**  
**General:** SITE BASED ON A 1920 PEIRSON COLLECTION & A 1920 OTTLEY COLLECTION. RECENT SURVEY FOUND SOME SUITABLE HABITAT BUT NO PLANTS; UNK WHEN SURVEY WAS CONDUCTED (INFO BASED ON A 1999 BOYD COMMUNICATION, SEE STO99U0001). NEEDS FIELDWORK.  
**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	10	<b>Map Index:</b>	41268	<b>EO Index:</b>	41268	<b>Element Last Seen:</b>	1922-XX-XX
<b>Occ. Rank:</b>	None	<b>Presence:</b>	Possibly Extirpated	<b>Site Last Seen:</b>		1922-XX-XX	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2013-10-25	

**Quad Summary:** San Fernando (3411834)  
**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.28988 / -118.47866	<b>Accuracy:</b>	1 mile
<b>UTM:</b>	Zone-11 N3795287 E363908	<b>Elevation (ft):</b>	1100
<b>PLSS:</b>	T02N, R15W, Sec. 05 (S)	<b>Acres:</b>	0.0

**Location:** SAN FERNANDO, NEAR THE RESERVOIR.  
**Detailed Location:** MAPPED IN THE VICINITY OF THE LOWER SAN FERNANDO DAM, JUST DOWNSTREAM FROM LOS ANGELES RESERVOIR AND UPPER VAN NORMAN LAKE. THIS WOULD HAVE BEEN THE SITE OF THE LARGEST LOCAL RESERVOIR IN 1922.  
**Ecological:**  
**General:** TYPE LOCALITY. NUMEROUS COLLECTIONS FROM VICINITY OF SAN FERNANDO BETWEEN 1879 AND 1922 ATTRIBUTED TO THIS SITE. NEEDS FIELDWORK.  
**Owner/Manager:** UNKNOWN



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<b><i>Dodecahema leptoceras</i></b>		<b>Element Code:</b> PDPGN0V010	
slender-horned spineflower			
<b>Listing Status:</b>	<b>Federal:</b> Endangered	<b>CNDDB Element Ranks:</b>	<b>Global:</b> G1
	<b>State:</b> Endangered		<b>State:</b> S1
<b>Habitat:</b>	<b>Other:</b> Rare Plant Rank - 1B.1, SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden		
	<b>General:</b> CHAPARRAL, CISMONTANE WOODLAND, COASTAL SCRUB (ALLUVIAL FAN SAGE SCRUB).		
	<b>Micro:</b> FLOOD DEPOSITED TERRACES AND WASHES; ASSOCIATES INCLUDE ENCELIA, DALEA, LEPIDOSPARTUM, ETC. SANDY SOILS. 200-765 M.		

<b>Occurrence No.</b>	7	<b>Map Index:</b>	17900	<b>EO Index:</b>	12753	<b>Element Last Seen:</b>	2009-05-06
<b>Occ. Rank:</b>	Good	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>			2009-05-06
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>			2019-02-07

<b>Quad Summary:</b>	Sunland (3411833)
<b>County Summary:</b>	Los Angeles

<b>Lat/Long:</b>	34.27103 / -118.32182	<b>Accuracy:</b>	specific area
<b>UTM:</b>	Zone-11 N3792998 E378318	<b>Elevation (ft):</b>	1260
<b>PLSS:</b>	T02N, R14W, Sec. 11, SW (S)	<b>Acres:</b>	11.0

<b>Location:</b>	BIG TUJUNGA WASH, EAST (UPSTREAM) OF I-210 AND FOOTHILL BLVD BRIDGE, NEAR SUNLAND.
<b>Detailed Location:</b>	MAPPED AS 5 POLYGONS ACCORDING TO A SAPPHOS ENVIRONMENTAL MAP AND VEGETATION SURVEY COORDINATES. ABOUT 600 ACRES OF POTENTIAL HABITAT IN AREA. COLLECTIONS FROM BIG TUJUNGA WASH AND TUJUNGA WASH.
<b>Ecological:</b>	RIVERSIDEAN ALLUVIAL SAGE SCRUB WITH JUNIPERUS CALIFORNICA, YUCCA WHIPPLEI, ERIOGONUM FASCICULATUM, OPUNTIA LITTORALIS, MALOSMA LAURINA, CHORIZANTHE CORIACEA, AND C. CALIFORNICA. ON SLIGHT SLOPE WITH S-FACING ASPECT ON SANDY-GRAVELLY SOIL.
<b>General:</b>	~625-650 IN 1988, 40 IN 1990, 874 IN 1992, 360 IN 1994, 902 IN 1995, 390 IN 1996, 71 IN 1997, 1577 IN 1998, 160 IN 1999, 1153 IN 2000, 2802 IN 2003, PORTIONS SEEN IN 2006, 0 IN 2007, 133 IN 2008, 1806 IN 2009.
<b>Owner/Manager:</b>	PVT

<b>Occurrence No.</b>	10	<b>Map Index:</b>	01664	<b>EO Index:</b>	9602	<b>Element Last Seen:</b>	1937-05-12
<b>Occ. Rank:</b>	None	<b>Presence:</b>	Extirpated	<b>Site Last Seen:</b>			1983-XX-XX
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>			2016-04-14

<b>Quad Summary:</b>	San Fernando (3411834)
<b>County Summary:</b>	Los Angeles

<b>Lat/Long:</b>	34.27874 / -118.42201	<b>Accuracy:</b>	1 mile
<b>UTM:</b>	Zone-11 N3793978 E369106	<b>Elevation (ft):</b>	
<b>PLSS:</b>	T02N, R15W, Sec. 11 (S)	<b>Acres:</b>	1987.0

<b>Location:</b>	PACOIMA CANYON WASH; ON UPPER BOULEVARD JUST EAST OF PACOIMA BRIDGE, NEAR SAN FERNANDO.
<b>Detailed Location:</b>	SITE ERRONEOUSLY REFERRED TO AS "LIME KILN CANYON WASH" BASED UPON SURVEY ROUTE TAKEN BY T. KRANTZ IN 1979. NO EVIDENCE THAT PLANTS HAVE EVER BEEN OBSERVED IN LIME KILN CANYON. MAPPED JUST E OF LIKELY LOCATION OF PACOIMA BRIDGE.
<b>Ecological:</b>	SANDY SOILS AMONG BUSHES.
<b>General:</b>	SITE BASED ON A 1925 PEIRSON COLLECTION. AREA SEARCHED IN 1979 & 1983, BUT NO PLANTS OBSERVED. HISTORIC COLLECTIONS FROM 'SAN FERNANDO', 'SAN FERNANDO VALLEY', 'SAN FERNANDO WASH', AND 'PACOIMA WASH' ARE ATTRIBUTED TO THIS SITE.
<b>Owner/Manager:</b>	UNKNOWN



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<b><i>Horkelia cuneata var. puberula</i></b>		<b>Element Code:</b> PDROS0W045	
mesa horkelia			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDDB Element Ranks:</b>	<b>Global:</b> G4T1
	<b>State:</b> None		<b>State:</b> S1
	<b>Other:</b> Rare Plant Rank - 1B.1, USFS_S-Sensitive		
<b>Habitat:</b>	<b>General:</b> CHAPARRAL, CISMONTANE WOODLAND, COASTAL SCRUB.		
	<b>Micro:</b> SANDY OR GRAVELLY SITES. 15-1645 M.		
<b>Occurrence No.</b>	103	<b>Map Index:</b> 98822	<b>EO Index:</b> 100312
<b>Occ. Rank:</b>	None	<b>Presence:</b> Possibly Extirpated	<b>Element Last Seen:</b> 1929-05-18
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b> Unknown	<b>Site Last Seen:</b> 1929-05-18
			<b>Record Last Updated:</b> 2016-01-20
<b>Quad Summary:</b>	Van Nuys (3411824), San Fernando (3411834)		
<b>County Summary:</b>	Los Angeles		
<b>Lat/Long:</b>	34.2625 / -118.42777	<b>Accuracy:</b>	1 mile
<b>UTM:</b>	Zone-11 N3792184 E368551	<b>Elevation (ft):</b>	
<b>PLSS:</b>	T02N, R15W, Sec. 14 (S)	<b>Acres:</b>	1987.0
<b>Location:</b>	PACOIMA, ANGELES NATIONAL FOREST.		
<b>Detailed Location:</b>	EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS AROUND PACOIMA. POSSIBLY FROM FURTHER NE ON ANGELES NATIONAL FOREST LAND.		
<b>Ecological:</b>			
<b>General:</b>	ONLY SOURCE OF INFORMATION FOR THIS SITE IS A 1929 HOFFMAN COLLECTION. POSSIBLY EXTIRPATED BY DEVELOPMENT.		
<b>Owner/Manager:</b>	UNKNOWN		



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<b><i>Calochortus clavatus var. gracilis</i></b>		<b>Element Code:</b> PMLIL0D096	
slender mariposa-lily			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDDB Element Ranks:</b>	<b>Global:</b> G4T2T3
	<b>State:</b> None		<b>State:</b> S2S3
	<b>Other:</b> Rare Plant Rank - 1B.2, SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden, USFS_S-Sensitive		
<b>Habitat:</b>	<b>General:</b> CHAPARRAL, COASTAL SCRUB, VALLEY AND FOOTHILL GRASSLAND.		
	<b>Micro:</b> SHADED FOOTHILL CANYONS; OFTEN ON GRASSY SLOPES WITHIN OTHER HABITAT. 210-1815 M.		

<b>Occurrence No.</b>	116	<b>Map Index:</b>	A9972	<b>EO Index:</b>	111825	<b>Element Last Seen:</b>	2017-05-20
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>		2017-05-20	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>		2018-07-10	
<b>Quad Summary:</b>	San Fernando (3411834), Mint Canyon (3411844)						
<b>County Summary:</b>	Los Angeles						
<b>Lat/Long:</b>	34.37547 / -118.48519		<b>Accuracy:</b>	80 meters			
<b>UTM:</b>	Zone-11 N3804788 E363447		<b>Elevation (ft):</b>	1490			
<b>PLSS:</b>	T03N, R15W, Sec. 6, NE (S)		<b>Acres:</b>	5.0			
<b>Location:</b>	SLOPE SOUTH OF PLACERITA CANYON ROAD, NEAR 19802 PLACERITA CANYON ROAD, NEWHALL.						
<b>Detailed Location:</b>	MAPPED ACCORDING TO 2017 THOMPSON COORDINATES, IN THE SE 1/4 OF THE NE 1/4 OF SECTION 6. COORDINATES DERIVED FROM GEOTAGGED PHOTO.						
<b>Ecological:</b>	GROWING ON OR NEAR LOW CUT FACE OF THE SLOPE SOUTH OF PLACERITA CANYON ROAD.						
<b>General:</b>	10 PLANTS SEEN IN 2017.						
<b>Owner/Manager:</b>	UNKNOWN						

<b><i>Calochortus plummerae</i></b>		<b>Element Code:</b> PMLIL0D150	
Plummer's mariposa-lily			
<b>Listing Status:</b>	<b>Federal:</b> None	<b>CNDDDB Element Ranks:</b>	<b>Global:</b> G4
	<b>State:</b> None		<b>State:</b> S4
	<b>Other:</b> Rare Plant Rank - 4.2, SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden		
<b>Habitat:</b>	<b>General:</b> COASTAL SCRUB, CHAPARRAL, VALLEY AND FOOTHILL GRASSLAND, CISMONTANE WOODLAND, LOWER MONTANE CONIFEROUS FOREST.		
	<b>Micro:</b> OCCURS ON ROCKY AND SANDY SITES, USUALLY OF GRANITIC OR ALLUVIAL MATERIAL. CAN BE VERY COMMON AFTER FIRE. 60-2500 M.		





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<b>Occurrence No.</b>	52	<b>Map Index:</b> 27687	<b>EO Index:</b> 760	<b>Element Last Seen:</b> 1948-06-26
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1948-06-26
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2002-05-17

**Quad Summary:** Sunland (3411833)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.31975 / -118.33728	<b>Accuracy:</b>	1 mile
<b>UTM:</b>	Zone-11 N3798420 E376965	<b>Elevation (ft):</b>	1800
<b>PLSS:</b>	T03N, R14W, Sec. 27 (S)	<b>Acres:</b>	0.0

**Location:** NEAR REESE RANCH, LITTLE TUJUNGA CANYON.

**Detailed Location:** ORIGINAL COLLECTION WAS FROM REESE RANCH; OBSERVATION BY MCDONALD AND STOKKINK FROM "SAME GENERAL AREA...IN A NEARBY CANYON." UNABLE TO LOCATE REESE RANCH ON MAP; MAPPED IN VICINITY OF REESE SURVEY MARKER ABOUT 1 MILE S OF INDIAN SPRINGS.

**Ecological:**

**General:** SITE FIRST REPORTED IN A 1948 COLLECTION BY KAMB AND CITED BY MCDONALD AND STOKKINK (1991).

**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	180	<b>Map Index:</b> 77468	<b>EO Index:</b> 78396	<b>Element Last Seen:</b> 1967-07-18
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1967-07-18
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2009-12-02

**Quad Summary:** Sunland (3411833)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.34027 / -118.27125	<b>Accuracy:</b>	1/5 mile
<b>UTM:</b>	Zone-11 N3800618 E383068	<b>Elevation (ft):</b>	
<b>PLSS:</b>	T03N, R13W, Sec. 17, SW (S)	<b>Acres:</b>	0.0

**Location:** VICINITY OF YERBA BUENA SPRING, GOLD CREEK OFF LITTLE TUJUNGA.

**Detailed Location:**

**Ecological:** STEEP, DRY, ROCKY, SUNNY, SW-FACING SLOPE.

**General:** ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1967 COLLECTION BY WHEELER.

**Owner/Manager:** USFS-ANGELES NF

<b>Occurrence No.</b>	181	<b>Map Index:</b> 77469	<b>EO Index:</b> 78397	<b>Element Last Seen:</b> 1937-06-27
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> 1937-06-27
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2009-12-02

**Quad Summary:** San Fernando (3411834), Mint Canyon (3411844)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.36926 / -118.39888	<b>Accuracy:</b>	1 mile
<b>UTM:</b>	Zone-11 N3803987 E371372	<b>Elevation (ft):</b>	
<b>PLSS:</b>	T03N, R15W, Sec. 01 (S)	<b>Acres:</b>	0.0

**Location:** BEAR CREEK, NORTH OF PACOIMA RESERVOIR, ANGELES NATIONAL FOREST, SAN GABRIEL MOUNTAINS.

**Detailed Location:**

**Ecological:**

**General:** ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1937 COLLECTION BY RAMSEY & RAMSEY. NEEDS FIELDWORK.

**Owner/Manager:** USFS-ANGELES NF



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<b>Occurrence No.</b>	182	<b>Map Index:</b> 77470	<b>EO Index:</b> 78399	<b>Element Last Seen:</b>	1993-06-07
<b>Occ. Rank:</b>	Unknown		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	1993-06-07
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2009-12-02

**Quad Summary:** San Fernando (3411834)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.33615 / -118.45533	<b>Accuracy:</b>	1/5 mile
<b>UTM:</b>	Zone-11 N3800388 E366129	<b>Elevation (ft):</b>	
<b>PLSS:</b>	T03N, R15W, Sec. 21, NE (S)	<b>Acres:</b>	0.0

**Location:** NEAR MOUTH OF WILSON CANYON, CIRCA 1 MILE NORTH OF OLIVE VIEW HOSPITAL AND 0.6 MILE NW OF WILSON DEBRIS BASIN.

**Detailed Location:** SITE DESCRIPTIONS ARE CONTRADICTIONARY. T-R-S IS GIVEN AS T3N, R15W, NW 1/4 SE 1/4 NE 1/4 OF SEC 21, BUT DISTANCES AND DIRECTIONS FROM HOSPITAL AND DEBRIS BASIN PLACE THIS NEAR NW 1/4 NE 1/4 OF SEC 21. MAPPED BY CNDDB ACCORDING TO DIRECTIONS.

**Ecological:** SLIGHT ESE-FACING SLOPE IN COASTAL SAGE SCRUB. ASSOCIATED WITH ARTEMISIA CALIFORNICA, SALVIA MELLIFERA, ADENOSTOMA FASCICULATUM, MALOSMA LAURINA, LOTUS SCOPARIUS, ERIOGONUM FASCICULATUM COLIOLOSUM, AND YUCCA WHIPPLEI.

**General:** ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1993 COLLECTION BY ROSS & APPLEBY. PRESENCE GIVEN AS LOCALLY UNCOMMON AT SITE.

**Owner/Manager:** UNKNOWN

<b>Occurrence No.</b>	183	<b>Map Index:</b> 77472	<b>EO Index:</b> 78400	<b>Element Last Seen:</b>	2005-05-24
<b>Occ. Rank:</b>	Poor		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2005-05-24
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2009-12-14

**Quad Summary:** San Fernando (3411834)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.32817 / -118.47555	<b>Accuracy:</b>	80 meters
<b>UTM:</b>	Zone-11 N3799530 E364256	<b>Elevation (ft):</b>	1600
<b>PLSS:</b>	T03N, R15W, Sec. 20, S (S)	<b>Acres:</b>	0.0

**Location:** STETSON DEBRIS BASIN, NEAR STETSON RANCH EQUESTRIAN PARK, NORTH OF I-210, SYLMAR.

**Detailed Location:** ON A SLOPE NEXT TO THE CONCRETE EDGE OF THE DAM STRUCTURE, IN AN AREA THAT DOES NOT APPEAR TO BE IMPACTED BY REGULAR MAINTENANCE ACTIVITIES. 1 PLANT AT 100% CAPACITY LINE FOR BASIN AND 10 PLANTS ABOUT 15 FEET UPSLOPE FROM THE LINE.

**Ecological:** MIXED SAGE SCRUB. ASSOCIATED WITH ERIOGONUM FASCICULATUM, SALVIA MELLIFERA, AND MIMULUS AURANTIACUS.

**General:** 11 PLANTS OBSERVED IN 2005.

**Owner/Manager:** LAX COUNTY



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<b>Occurrence No.</b>	214	<b>Map Index:</b> 80727	<b>EO Index:</b> 81749	<b>Element Last Seen:</b>	2010-06-08
<b>Occ. Rank:</b>	Fair		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2010-06-08
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2010-11-18
<b>Quad Summary:</b>	San Fernando (3411834)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.30546 / -118.40753		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3796923 E370479		<b>Elevation (ft):</b>	1300	
<b>PLSS:</b>	T03N, R15W, Sec. 36, NW (S)		<b>Acres:</b>	1.0	
<b>Location:</b>	LOPEZ DEBRIS BASIN BELOW PACOIMA DAM, OFF OF HARDING STREET, NE SIDE OF SAN FERNANDO.				
<b>Detailed Location:</b>	ON THE EASTERN SIDE OF THE BASIN.				
<b>Ecological:</b>	CHAPARRAL DOMINATED BY HAZARDIA SQUARROSA VAR. GRINDELIOIDES, LOTUS SCOPARIUS, QUERCUS BERBERIDIFOLIA, NASSELLA LEPIDA, ARTEMISIA CALIFORNICA, BRASSICA NIGRA, AND MALACOTHAMNUS DAVIDSONII. SITE WAS BURNED RECENTLY (AS OF 2010).				
<b>General:</b>	3 PLANTS OBSERVED IN 2010.				
<b>Owner/Manager:</b>	LAX COUNTY				
<b>Occurrence No.</b>	242	<b>Map Index:</b> 84435	<b>EO Index:</b> 85465	<b>Element Last Seen:</b>	2011-06-28
<b>Occ. Rank:</b>	Good		<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b>	2011-06-28
<b>Occ. Type:</b>	Natural/Native occurrence		<b>Trend:</b> Unknown	<b>Record Last Updated:</b>	2011-12-06
<b>Quad Summary:</b>	Sunland (3411833)				
<b>County Summary:</b>	Los Angeles				
<b>Lat/Long:</b>	34.26422 / -118.26500		<b>Accuracy:</b>	specific area	
<b>UTM:</b>	Zone-11 N3792176 E383539		<b>Elevation (ft):</b>	3100	
<b>PLSS:</b>	T02N, R13W, Sec. 17, N (S)		<b>Acres:</b>	16.0	
<b>Location:</b>	SOUTH SIDE OF HAINES CANYON; ALONG HAINES CANYON MOTORWAY, JUST EAST OF TUJUNGA.				
<b>Detailed Location:</b>					
<b>Ecological:</b>	STEEP SLOPE. CHAPARRAL AND GRASSLAND RECOVERING FROM STATION FIRE.				
<b>General:</b>	50 PLANTS OBSERVED IN 2011.				
<b>Owner/Manager:</b>	CITY OF LOS ANGELES				



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***Orcuttia californica***

**Element Code:** PMPOA4G010

California Orcutt grass

<b>Listing Status:</b>	<b>Federal:</b> Endangered	<b>CNDDDB Element Ranks:</b>	<b>Global:</b> G1
	<b>State:</b> Endangered		<b>State:</b> S1
<b>Other:</b>	Rare Plant Rank - 1B.1, SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden, SB_CRES-San Diego Zoo CRES Native Gene Seed Bank		
<b>Habitat:</b>	<b>General:</b> VERNAL POOLS.		
	<b>Micro:</b> 10-660 M.		

<b>Occurrence No.</b>	32	<b>Map Index:</b> 38551	<b>EO Index:</b> 47237	<b>Element Last Seen:</b> XXXX-XX-XX
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b> Presumed Extant	<b>Site Last Seen:</b> XXXX-XX-XX	
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b> Unknown	<b>Record Last Updated:</b> 2002-02-14	

**Quad Summary:** San Fernando (3411834), Oat Mountain (3411835), Santa Susana (3411836), Mint Canyon (3411844), Newhall (3411845), Val Verde (3411846)

**County Summary:** Los Angeles

<b>Lat/Long:</b>	34.38808 / -118.54413	<b>Accuracy:</b>	5 miles
<b>UTM:</b>	Zone-11 N3806267 E358048	<b>Elevation (ft):</b>	
<b>PLSS:</b>	T04N, R16W, Sec. 34 (S)	<b>Acres:</b>	0.0

**Location:** NEWHALL.

**Detailed Location:** EXACT LOCATION UNKNOWN, MAPPED IN GENERAL VICINITY OF NEWHALL.

**Ecological:**

**General:** RECENT REPORT OF ORCUTTIA CALIFORNICA AT NEWHALL ACCORDING TO REISER (2001). UNKNOWN WHEN SEEN. NEEDS FIELDWORK.

**Owner/Manager:** UNKNOWN


## CNPS Rare Plant Inventory

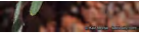



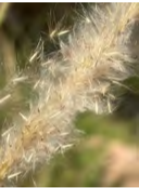







## Search Results

24 matches found. Click on scientific name for details

Search Criteria: Quad is one of [3411833:3411834]

▲ SCIENTIFIC NAME	COMMON NAME	FAMILY	LIFEFORM	BLOOMING PERIOD	FED LIST	STATE LIST	GLOBAL RANK	STATE RANK	CA RARE PLANT RANK	PHOTO
<a href="#"><i>Berberis nevinii</i></a>	Nevin's barberry	Berberidaceae	perennial evergreen shrub	(Feb)Mar-Jun	FE	CE	G1	S1	1B.1	No Photo Available
<a href="#"><i>Calochortus catalinae</i></a>	Catalina mariposa lily	Liliaceae	perennial bulbiferous herb	(Feb)Mar-Jun	None	None	G3G4	S3S4	4.2	No Photo Available
<a href="#"><i>Calochortus clavatus</i> var. <i>gracilis</i></a>	slender mariposa-lily	Liliaceae	perennial bulbiferous herb	Mar-Jun(Nov)	None	None	G4T2T3	S2S3	1B.2	No Photo Available
<a href="#"><i>Calochortus plummerae</i></a>	Plummer's mariposa-lily	Liliaceae	perennial bulbiferous herb	May-Jul	None	None	G4	S4	4.2	No Photo Available
<a href="#"><i>Calystegia peirsonii</i></a>	Peirson's morning-glory	Convolvulaceae	perennial rhizomatous herb	Apr-Jun	None	None	G4	S4	4.2	No Photo Available
<a href="#"><i>Canbya candida</i></a>	white pygmy-poppy	Papaveraceae	annual herb	Mar-Jun	None	None	G3G4	S3S4	4.2	No Photo Available
<a href="#"><i>Centromadia parryi</i> ssp. <i>australis</i></a>	southern tarplant	Asteraceae	annual herb	May-Nov	None	None	G3T2	S2	1B.1	No Photo Available
<a href="#"><i>Chorizanthe parryi</i> var. <i>fernandina</i></a>	San Fernando Valley spineflower	Polygonaceae	annual herb	Apr-Jul	None	CE	G2T1	S1	1B.1	No Photo Available
<a href="#"><i>Diplacus johnstonii</i></a>	Johnston's monkeyflower	Phrymaceae	annual herb	May-Aug	None	None	G4	S4	4.3	No Photo Available
<a href="#"><i>Dodecahema leptoceras</i></a>	slender-horned spineflower	Polygonaceae	annual herb	Apr-Jun	FE	CE	G1	S1	1B.1	No Photo Available
<a href="#"><i>Dudleya densiflora</i></a>	San Gabriel Mountains dudleya	Crassulaceae	perennial herb	Mar-Jul	None	None	G2	S2	1B.1	No Photo Available
<a href="#"><i>Harpagonella palmeri</i></a>	Palmer's grapplinghook	Boraginaceae	annual herb	Mar-May	None	None	G4	S3	4.2	

										
										© 2015 Keir Morse
<a href="#"><i>Heuchera caespitosa</i></a>	urn-flowered alumroot	Saxifragaceae	perennial rhizomatous herb	May-Aug	None	None	G3	S3	4.3	
										© 2015 Keir Morse
<a href="#"><i>Horkelia cuneata</i> var. <i>puberula</i></a>	mesa horkelia	Rosaceae	perennial herb	Feb-Jul(Sep)	None	None	G4T1	S1	1B.1	
										© 2008 Tony Morosco
<a href="#"><i>Hulsea vestita</i> ssp. <i>gabrielensis</i></a>	San Gabriel Mountains sunflower	Asteraceae	perennial herb	May-Jul	None	None	G5T3	S3	4.3	
										© 2013 Anuja Parikh and Nathan Gale
<a href="#"><i>Imperata brevifolia</i></a>	California satintail	Poaceae	perennial rhizomatous herb	Sep-May	None	None	G4	S3	2B.1	
										© 2020 Matt C. Berger
<a href="#"><i>Juglans californica</i></a>	Southern California black walnut	Juglandaceae	perennial deciduous tree	Mar-Aug	None	None	G4	S4	4.2	
										© 2020 Zoya Akulova
<a href="#"><i>Lepechinia fragrans</i></a>	fragrant pitcher sage	Lamiaceae	perennial shrub	Mar-Oct	None	None	G3	S3	4.2	
										© 2014 Debra L. Cook
<a href="#"><i>Lepidium virginicum</i> var. <i>robinsonii</i></a>	Robinson's pepper-grass	Brassicaceae	annual herb	Jan-Jul	None	None	G5T3	S3	4.3	
										© 2015 Keir Morse
<a href="#"><i>Lilium humboldtii</i> ssp. <i>ocellatum</i></a>	ocellated Humboldt lily	Liliaceae	perennial bulbiferous herb	Mar-Jul(Aug)	None	None	G4T4?	S4?	4.2	
										© 2008 Thomas Stoughton
<a href="#"><i>Malacothamnus davidsonii</i></a>	Davidson's bush-mallow	Malvaceae	perennial deciduous shrub	Jun-Jan	None	None	G2	S2	1B.2	
										© 2016 Keir Morse
<a href="#"><i>Mucronea californica</i></a>	California spineflower	Polygonaceae	annual herb	Mar-Jul(Aug)	None	None	G3	S3	4.2	No Photo

										Available
<a href="#"><u><i>Orcuttia californica</i></u></a>	California Orcutt grass	Poaceae	annual herb	Apr-Aug	FE	CE	G1	S1	1B.1	No Photo Available
<a href="#"><u><i>Symphyotrichum greatae</i></u></a>	Greata's aster	Asteraceae	perennial rhizomatous herb	Jun-Oct	None	None	G2	S2	1B.3	No Photo Available

Showing 1 to 24 of 24 entries

#### Suggested Citation:

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#### CONTACT US

Send questions and comments to [rareplants@cnps.org](mailto:rareplants@cnps.org).



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## Attachment D

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Potential for Regionally Occurring  
Special Status Species to Exist on  
the Project Site



## Attachment D

### Potential for Special-Status Species to Occur on the Project Site

Scientific Name/Common Name	FESA/CESA/CRPR or Other State Status*	General Habitat Description	Potential to Occur	Rationale
<b>Invertebrates</b>				
<i>Bombus crotchii</i> Crotch's bumble bee	SCE	Coastal California east to the Sierra-Cascade crest and south into Mexico and is associated with grassland and scrub habitats near the coast. Species' food genera include <i>Antirrhinum</i> spp., <i>Clarkia</i> spp., <i>Dendromecon</i> spp., <i>Eriogonum</i> spp., <i>Eschscholzia</i> spp., <i>Lupinus</i> spp., <i>Medicago</i> spp., <i>Phacelia</i> spp., and <i>Salvia</i> spp. Nests are underground and commonly consist of abandoned rodent nests (Koch and Williams 2012).	Will not occur	There is no grassland or scrub habitat or underground rodent nests in the Study Area and the host plant species are not found in or near the Study Area.
<i>Danaus plexippus</i> monarch butterfly	Candidate FE/--/--	Roosts in wind protected tree groves, especially with <i>Eucalyptus</i> sp., <i>Pinus radiata</i> , <i>Cupressus</i> sp., with nectar and water sources nearby. Winter roost sites extend along the coast from Mendocino County to Baja California. As caterpillars, monarchs feed exclusively on the leaves of milkweed ( <i>Asclepias</i> sp.) (Nial et al. 2019)	Will not occur	There was no milkweed observed in the Study Area and there are no suitable wind protected tree groves for roosting.
<b>Fishes</b>				
<i>Catostomus santaanae</i> Santa Ana sucker	FT/--/--	The Santa Ana suckers lives in smaller (under 7 m (23 ft) wide) permanent streams, with depths from a few centimeters to over 1 m (3 ft 3 in). The water must be cool, but the flow may be variable; they seem to prefer clear water. They prefer gravel, rubble, and boulder substrates. Their range is extremely restricted; they are native only to the Los Angeles, San Gabriel, Santa Ana, and Santa Clara River systems in Southern California. Populations have been lost from several parts of the rivers, so that they now only live in Big Tujunga Creek in the Los Angeles River Basin, the headwaters of the San Gabriel River in	Will not occur	There are no aquatic habitats on or near the Study Area.

## Attachment D

### Potential for Special-Status Species to Occur on the Project Site

Scientific Name/Common Name	FESA/CESA/CRPR or Other State Status*	General Habitat Description	Potential to Occur	Rationale
		the San Gabriel Mountains in Angeles National Forest in Los Angeles County, parts of the Santa Clara River system in Los Angeles and Ventura counties, and the lower part of the Santa Ana River in Orange County, especially areas with additional water effluent from sewage treatment plants (USFWS 2014).		
<i>Gila orcuttii</i> arroyo chub	--/--/SSC	Arroyo chub habitat is primarily the warm streams of the Los Angeles Plain, which are typically muddy torrents during the winter, and clear, calm brooks in the summer, possibly drying up in places. They are found both in areas generally deeper than 40 cm. Arroyo chub are native to the streams and rivers of the Los Angeles plain in southern California, including the Los Angeles, San Gabriel, San Luis Rey, Santa Ana, and Santa Margarita Rivers, and Malibu and San Juan Creeks. They have been extirpated from much of their native range but have been introduced to Chorro Creek in San Luis Obispo County and the Mojave River system (Moyle 2002).	Will not occur	There is no suitable aquatic habitat for this species in or near the Study Area.
<i>Rhinichthys osculus</i> ssp. 8 Santa Ana speckled dace	--/--/SSC	Santa Ana speckled dace inhabit the Santa Ana, San Jacinto, San Gabriel and Los Angeles river systems of Southern California. They prefer perennial streams fed by cool springs with overhanging riparian vegetation and shallow gravel riffles for spawning (Moyle et al. 2015).	Will not occur	There is no suitable aquatic habitat for this species in or near the Study Area.

## Attachment D

### Potential for Special-Status Species to Occur on the Project Site

Scientific Name/Common Name	FESA/CESA/ CRPR or Other State Status*	General Habitat Description	Potential to Occur	Rationale
<b>Amphibians</b>				
<i>Rana muscosa</i> southern mountain yellow-legged frog	FE/CE/WL	Southern mountain yellow-legged frog has historically inhabited rocky and shaded streams on desert and coastal slopes from 370 to 2,290 m (1,200 to 7,500 ft) in elevation, with cool waters originating from springs and snowmelt. Individuals are most often found in creeks with permanent water in at least some portion of the reach. Mountain yellow-legged frogs seem to be absent from the smallest creeks, probably because these have insufficient depth for adequate refuge and overwintering habitat. Pools usually had some type of structure that could function as refugia such as bank overhangs, rocks, and downfall logs or branches (USFWS 2012).	Will not occur	There is no suitable aquatic habitat for this species in or near the Study Area.
<i>Spea hammondi</i> western spadefoot	--/--/SSC	Amphibian that breeds in vernal pools and seasonal ponds or slow portions of streams in grasslands and woodlands. Adults spend most of their time in underground burrows in grasslands surrounding breeding pools (Jennings and Hayes 1994). Breeding is typically finished by the end of March. Tadpoles mature through late-spring and disperse as pools dry (Zeiner et al. 1988-1990).	Will not occur	There is no suitable aquatic habitat for this species in or near the Study Area.

## Attachment D

### Potential for Special-Status Species to Occur on the Project Site

Scientific Name/Common Name	FESA/CESA/ CRPR or Other State Status*	General Habitat Description	Potential to Occur	Rationale
<b>Reptiles</b>				
<i>Anniella stebbinsi</i> Southern California legless lizard	--/--/SSC	Broad-leaved upland forest, chaparral, coastal dunes, and coastal scrub. Occurs in sandy or loose soils under sparse vegetation. Generally, prefers soils with a high moisture content (Stebbins and McGinnis 2012).	Will not occur	There is no suitable forest, chaparral, dune or scrub habitat for this species in or near the Study Area.
<i>Arizona elegans occidentalis</i> California glossy snake	--/--/SSC	Suitable habitats include barren to sparse shrubby desert, sagebrush flats, grassland, sandhills, coastal scrub, chaparral slopes, oak-hickory woodland. The species occurs in generally open areas with sandy or loamy soil, though rocks may be present (Stebbins and McGinnis 2012).	Will not occur	There is no suitable woodland, grassland, chaparral, dune or scrub habitat for this species in or near the Study Area.
<i>Aspidoscelis tigris stejnegeri</i> coastal whiptail	--/--/SSC	Open coastal sage scrub, chaparral, and woodlands. Frequently found along the edges of dirt roads traversing its habitats. Important habitat components include open, sunny areas, shrub cover with accumulated leaf litter, and an abundance of insects, spiders, or scorpions (Stebbins and McGinnis 2012).	Will not occur	There is no suitable woodland, chaparral, or scrub habitat for this species in or near the Study Area.
<i>Emys marmorata</i> western pond turtle	--/--/SSC	Inhabits ponds or slow-moving water with dense submerged vegetation, abundant basking sites, gently sloping banks, and dry clay or silt soils in nearby uplands. Turtles will lay eggs up to 0.25-mile from water, but typically go no more than 600 feet (Jennings and Hayes 1994).	Will not occur	There is no suitable aquatic habitat in or within 600 feet of the Study Area.
<i>Phrynosoma blainvillii</i> coast horned lizard	--/--/SSC	Coastal sage scrub and open areas in chaparral, oak woodlands, and coniferous forests with sufficient basking sites, adequate scrub cover, and areas of loose soil; require native ants, especially harvester ants ( <i>Pogonomyrmex</i> spp.), and are generally excluded from areas invaded by Argentine ants ( <i>Linepithema humile</i> ).	Will not occur	There is no suitable woodland, chaparral, or scrub habitat for this species in or near the Study Area.

## Attachment D

### Potential for Special-Status Species to Occur on the Project Site

Scientific Name/Common Name	FESA/CESA/CRPR or Other State Status*	General Habitat Description	Potential to Occur	Rationale
<i>Thamnophis hammondi</i> two-striped gartersnake	--/--/SSC	A highly aquatic snake rarely found far from water; inhabits perennial or intermittent streams with rocky beds and borders of dense willows or other vegetation. Will use stock ponds and other artificial ponds if they are bordered by dense vegetation. Snakes are not found where dense riparian vegetation is absent. Known from eastern San Benito County (Jennings and Hayes 1994).	Will not occur	There is no suitable aquatic habitat in or adjacent to the Study Area.
<b>Birds</b>				
<i>Buteo swainsoni</i> Swainson's hawk	--/ST/--	Swainson's hawk breeds in stands with few trees in juniper-sage flats, riparian areas, and in oak savannah in the Central Valley and forages in adjacent grasslands or suitable grain or alfalfa fields, or livestock pastures. Swainson's hawks breed in California and winter in Mexico and South America. Swainson's hawks usually arrive in the Central Valley between March 1 and April 1 and migrate south between September and October. Swainson's hawks usually nest in trees adjacent to suitable foraging habitat. Swainson's hawk nests are usually located in trees near the edges of riparian stands, in lone trees or groves of trees in agricultural fields, and in mature roadside trees. Valley oak, Fremont cottonwood, walnut, and large willow with an average height of about 58 feet, and ranging from 41 to 82 feet, are the most commonly used nest trees in the Central Valley. Suitable foraging areas for Swainson's hawk include native grasslands or lightly grazed pastures, alfalfa and other hay crops, idle land, certain grain and row croplands, and ruderal lands. Swainson's hawks primarily	Will not occur	Suitable open nesting and foraging habitat for this species is not present in the Study Area or surrounding areas. The site is small and surrounded by urban development. Swainson's hawk would not be expected to forage in the Study Area or immediate vicinity within 1-2 miles because the area is largely developed.

## Attachment D

### Potential for Special-Status Species to Occur on the Project Site

Scientific Name/Common Name	FESA/CESA/CRPR or Other State Status*	General Habitat Description	Potential to Occur	Rationale
		feed on voles; however, they will feed on a variety of prey including small mammals, birds, and insects (CDFW 1994).		
<i>Coccyzus americanus occidentalis</i> western yellow-billed cuckoo	FT/CE/--	Occurs at isolated sites in Sacramento Valley in northern California, and along Kern and Colorado River systems in southern California. Frequents valley foothill and desert riparian habitats. Inhabits open woodlands with clearings, and riparian habitats with dense understory foliage along slow-moving drainages, backwaters, or seeps. Prefers dense willows for roosting but will use adjacent orchard in the Sacramento Valley. Typically requires expansive riparian habitat for nesting (Zeiner et al. 1990).	Will not occur	There is no suitable riparian habitat for this species in or near the Study Area.
<i>Empidonax traillii extimus</i> southwestern willow flycatcher	FE/CE/--	Nests in expansive montane riparian or wet meadows in shrubs, typically willows up to 10 feet high. Forages in willow thickets or in adjacent meadows (Zeiner et al. 1990). Typically found nesting between 600 – 2,500 m amsl (Zeiner et al. 1990).	Will not occur	There is no suitable riparian habitat for this species in or near the Study Area.
<i>Gymnogyps californianus</i> California Condor	FE/CE/--	The largest land bird in North America, with a wingspan of 9.5 feet, this scavenger requires large areas of remote country. Condors roost in large trees and nest in shallow caves and rock crevices on cliffs. Scavenges carcasses of large mammals such as deer, cattle, and seals. Currently known from the southern Coast Ranges, Transverse Ranges, southwest Sierra Nevada, and northern Arizona (USFWS 1996).	Will not occur	There is no suitable cave or cliff habitat on or adjacent to the Study Area.
<i>Polioptila californica californica</i> coastal California gnatcatcher	FT/--/SSC	Occupies open coastal scrub habitat with California sagebrush ( <i>Artemisia californica</i> ) as a dominant or co-dominant species. Found in arid washes, on mesas, and on slopes of coastal hills.	Will not occur	There is no suitable coastal scrub habitat for this species in or near the Study Area.

## Attachment D

### Potential for Special-Status Species to Occur on the Project Site

Scientific Name/Common Name	FESA/CESA/CRPR or Other State Status*	General Habitat Description	Potential to Occur	Rationale
		Mostly absent from coastal areas dominated by white sage ( <i>Salvia apiana</i> ) or lemonadeberry ( <i>Rhus integrifolia</i> ) (USFWS 2010).		
<i>Vireo bellii pusillus</i> least Bell's vireo	FE/CE/--	Is an obligate riparian species during the breeding season that prefers early successional habitat (USFWS 1998). Typically found in structurally diverse habitat such as cottonwood-willow forests, oak woodlands, and mule fat scrub (USFWS 1998) that generally contains both canopy and shrub layers and includes some associated upland habitat. This species will winter in arroyos that contain mesquite scrub habitat and are not limited to willow dominated habitats.	Will not occur	There is no suitable riparian woodland or scrub habitat for this species in or near the Study Area.

## Attachment D

### Potential for Special-Status Species to Occur on the Project Site

Scientific Name/Common Name	FESA/CESA/ CRPR or Other State Status*	General Habitat Description	Potential to Occur	Rationale
<b>Mammals</b>				
<i>Corynorhinus townsendii</i> Townsend's big-eared bat	--/--/SSC	Widely distributed throughout California except alpine and subalpine habitats. This species eats moths, beetles and other insects, which it catches on the wing or by gleaning from vegetation. Typically found near water since it is poor at concentrating its urine. This species uses caves, mines, tunnels, buildings and human made structures for roosting. Maternity roosts are typically in warm sites. Hibernation sites are typically cold, but not freezing. This species is very sensitive to disturbance and may abandon its roost after one visit (Zeiner et al. 1990).	Will not occur	The vacant house in the Study Area provides suitable roosting habitat for the species; however, the high levels of human disturbance in the Study Area and its vicinity would deter the species from roosting in the area. The nearest recorded occurrence of the species is 1.1 miles northeast of the Study Area in Kagel Canyon. This occurrence is dated to 1940 (CDFW 2022). There are no recent records of this species in the project vicinity.
<i>Lepus californicus bennettii</i> San Diego black-tailed jackrabbit	--/--/SSC	Occurs primarily in open habitats including coastal sage scrub, chaparral, grasslands, croplands, and open, disturbed areas if there is at least some shrub cover present	Will not occur	There is no suitable cropland, grassland, chaparral, or scrub habitat for this species in or near the Study Area.
<i>Onychomys torridus ramona</i> southern grasshopper mouse	--/--/SSC	Sandy valley floors within desert scrub habitat with low to moderate shrub cover and friable soils, but also found in coastal scrub and chaparral habitats.	Will not occur	There is no suitable chaparral or scrub habitat for this species in or near the Study Area.
<b>Plants</b>				
<i>Astragalus brauntonii</i> Braunton's milk-vetch	FE/--/1B.1	Small perennial herb. Occurs in recently burned or disturbed areas, usually on sandstone within chaparral, coastal scrub, or grasslands. Prefers hilltops, or saddles and bowls between hills. Elevation range 0-2000 feet. Blooming period March-July (CNPS 2022).	Will not occur	There is no suitable grassland, chaparral or scrub habitat for this species in the Study Area.
<i>Berberis nevini</i> Nevin's barberry	FE/CE/1B.1	Shrub. Occurs in sandy and gravelly places in coastal sage scrub or chaparral, and chaparral	Will not occur	There is no suitable chaparral or scrub habitat for this species in



## Attachment D

### Potential for Special-Status Species to Occur on the Project Site

Scientific Name/Common Name	FESA/CESA/CRPR or Other State Status*	General Habitat Description	Potential to Occur	Rationale
		with strong desert affinities. Elevation below 2,133 ft. Flowering period Mar-Jun (CNPS 2022).		the Study Area.
<i>Calochortus clavatus</i> var. <i>gracilis</i> slender mariposa-lily	--/--/1B.2	Small native perennial herb that grows in Southern California, primarily in the Transverse Range region. It tends to grow in rocky slopes and open areas. Elevation range 1000-3200 feet. Blooming period is March to June (CNPS 2022).	Will not occur	There is no suitable rocky slope habitat for this species in the Study Area.
<i>Centromadia parryi</i> ssp. <i>australis</i> southern tarplant	--/--/1B.1	Annual herb. Found at the margins of salt marshes, vernal mesic areas within grasslands, and vernal pools. Found in the coastal regional from Santa Barbara County south to San Diego County. Flowering Period: May to November. Elevation: below 1575 feet (480 meters) (CNPS 2022).	Will not occur	There is no suitable vernal pool habitat for this species in the Study Area.
<i>Chorizanthe parryi</i> var. <i>fernandina</i> San Fernando Valley spineflower	--/CE/1B.1	An annual herb found in sandy soils in coastal scrub habitat and valley and foothill grasslands from 490 - 4005 feet elevation. Blooming Period: Apr-Jul (CNPS 2022).	Will not occur	There is no suitable grassland or scrub habitat for this species in the Study Area.
<i>Dodecahema leptoceras</i> slender-horned spineflower	FE/CE/1B.1	Annual herb. Found in sandy and gravelly soils or alluvial fans in coastal sage scrub, chaparral, and woodlands. Found in the San Gabriel, San Bernardino, and San Jacinto Mountains and the western transverse and Peninsular ranges of Los Angeles, San Bernardino, and Riverside Counties. Flowering Period: April to June. Elevation: 665 to 2495 feet (200 to 760 meters) (CNPS 2022).	Will not occur	There is no suitable woodland, chaparral or scrub habitat for this species in the Study Area.

## Attachment D

### Potential for Special-Status Species to Occur on the Project Site

Scientific Name/Common Name	FESA/CESA/CRPR or Other State Status*	General Habitat Description	Potential to Occur	Rationale
<i>Dudleya densiflora</i> San Gabriel Mountains dudleya	--/--/1B.1	A perennial herb found in granitic soils on cliffs and canyon walls in chaparral, cismontane woodland, coastal scrub, lower montane coniferous forest, and riparian woodland habitats from 800 - 2000 feet elevation. Blooming Period: Mar-Jul (CNPS 2022).	Will not occur	There is no suitable cliff or canyon wall habitat for this species in the Study Area.
<i>Horkelia cuneata</i> var. <i>puberula</i> mesa horkelia	--/--/1B.1	Perennial herb. Occurs in sandy or gravelly soils of maritime chaparral, coastal sage scrub, and woodlands. Flowering Period: February to July. Elevation: 230 to 2,657 feet (70 and 810 meters) (CNPS 2022).	Will not occur	There is no suitable woodland, chaparral or scrub habitat for this species in the Study Area.
<i>Imperata brevifolia</i> California satintail	--/--/2B.1	A perennial rhizomatous herb found in alkali mesic microsites in chaparral, coastal scrub, Mojavean desert scrub, meadows, seeps, and riparian scrub habitat from 0 - 3985 feet elevation. Blooming Period: Sep-May (CNPS 2022).	Will not occur	There is no suitable meadow, seep, riparian, chaparral or scrub habitat for this species in the Study Area.
<i>Malacothamnus davidsonii</i> Davidson's bush-mallow	--/--/1B.2	A perennial deciduous shrub found in chaparral, cismontane woodland, coastal scrub and riparian woodland habitats from 605 - 3740 feet elevation. Blooming Period: Jun-Jan (CNPS 2022).	Will not occur	There is no suitable woodland, riparian, chaparral or scrub habitat for this species in the Study Area.
<i>Orcuttia californica</i> California Orcutt grass	FE/CE/1B.1	A grass that is native to southern California and northern Baja California that grows in vernal pool habitats. Elevation range 50-2100 feet. Blooming period is April to August (CNPS 2022).	Will not occur	There are no vernal pools in the Study Area.
<i>Rorippa gambellii</i> Gambel's watercress	FE/	A perennial rhizomatous herb found in brackish and freshwater marshes and swamps from 15 - 1085 feet. Blooming Period: Apr-Oct (CNPS 2022).	Will not occur	There is no suitable marsh or swamp habitat for this species in the Study Area.

## Attachment D

### Potential for Special-Status Species to Occur on the Project Site

Scientific Name/Common Name	FESA/CESA/CRPR or Other State Status*	General Habitat Description	Potential to Occur	Rationale
<i>Symphotrichum greatae</i> Greata's aster	--/--/1B.3	A perennial rhizomatous herb found in mesic sites in broadleafed upland forest, chaparral, cismontane woodland, lower montane coniferous forest, and riparian woodland habitats from 985 - 6595 feet. Blooming Period: Jun-Oct (CNPS 2022).	Will not occur	There is no suitable woodland, chaparral or riparian habitat for this species in the Study Area.
<b>Sensitive Natural Communities</b>				
Riversidian Alluvial Fan Sage Scrub		Riversidean alluvial fan sage scrub is a Mediterranean shrubland type that occurs in washes and on gently sloping alluvial fans. Alluvial scrub is made up predominantly of drought-deciduous soft-leaved shrubs, but with significant cover of larger perennial species typically found in chaparral (Kirkpatrick and Hutchinson, 1977). Scalebroom ( <i>Lepidospartum squamatum</i> ) generally is regarded as an indicator of Riversidean alluvial scrub.	Not Present	There is no Riversidian alluvial fan sage scrub habitat present in the Study Area.
Southern Coast Live Oak Riparian Forest		Southern Coast Live Oak Riparian Forest is similar to Coast Live Oak Woodland but is characterized by a denser canopy which is largely closed. This community typically occurs in well-shaded valley bottoms and along low, adjacent slopes	Not Present	There is no southern coast live oak riparian forest habitat present in the Study Area.
Southern Cottonwood Willow Riparian Forest		Southern Cottonwood Willow Riparian Forest is a tall, open, deciduous riparian forest dominated by Fremont's cottonwood ( <i>Populus fremontii</i> ), western sycamore, and various tree willows ( <i>Salix</i> spp.). Understories are usually shrubby willows. This community usually occurs on the lower gradient reaches of perennial drainages where it is best represented in subirrigated canyon bottoms and overflow areas as well as along stream sides.	Not Present	There is no southern cottonwood willow riparian forest habitat present in the Study Area.

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### Potential for Special-Status Species to Occur on the Project Site

Scientific Name/Common Name	FESA/CESA/CRPR or Other State Status*	General Habitat Description	Potential to Occur	Rationale
Southern Mixed Riparian Forest		Southern riparian forests and woodlands are comprised of winter-deciduous trees that require water near the soil surface. Willow cottonwood ( <i>Populus</i> sp.) and western sycamore ( <i>Platanus racemosa</i> ) form a dense medium height woodland or forest in moist canyons and drainage bottoms. Associated understory species include mule fat ( <i>Baccharis salicifolia</i> ), stinging nettle ( <i>Urtica dioica</i> ssp. <i>holosericea</i> ), and wild grape ( <i>Vitis girdiana</i> ).	Not Present	There is no southern mixed riparian forest habitat present in the Study Area.
Southern Sycamore Alder Riparian Woodland		Southern Sycamore Alder Riparian Woodland is a tall deciduous streamside woodland that is dominated by western sycamore ( <i>Platanus racemosa</i> ) and occasional white alders. These woodland stands seldom form closed canopies and may even appear as trees scattered in a shrubby thicket. The community is typically associated with rocky stream beds that are subject to high intensity flooding.	Not Present	There is no southern sycamore alder riparian woodland habitat present in the Study Area.

*Note:* Bold font indicates a species with the potential to occur in the Study Area; these species are evaluated in detail in the body of the report.

\*FESA=Federal Endangered Species Act; CESA=California Endangered Species Act; FE – FESA endangered; FT – FESA threatened; FC – FESA candidate; FD – FESA delisted; CE – CESA endangered; CT – CESA threatened; FP – Fully Protected; SSC – state species of special concern; CRPR – California Rare Plant Rank (see definitions of CRPR rankings below)

CNPS ratings: 1A = Presumed extirpated in California and rare elsewhere

1B = Rare, threatened, or endangered in California and elsewhere

1B.1 = Seriously endangered in California (over 80% of occurrences threatened / high degree and immediacy of threat)

1B.2 = Fairly endangered in California (20-80% occurrences threatened)

1B.3 = Not very endangered in California (fewer than 20% of occurrences threatened)

2B = Rare, threatened, or endangered in California but more common elsewhere.

2B.2 = Fairly endangered in California (20-80% occurrences threatened)

3 – more information needed

Global and State rankings in descending order of sensitivity (1=critically imperiled; 5=demonstrably secure).

Status in the Study Area is assessed as follows. **Will Not Occur:** Species is either sessile (i.e., plants) or so limited to a particular habitat that it cannot disperse on its own and/or habitat suitable for its establishment and survival does not occur in the Study Area; **Not Expected:** Species moves freely and might disperse through or across the Study Area, but suitable habitat for residence or breeding does not occur in the Study Area, potential for an individual of the species to disperse through or forage in the site cannot be excluded

## Attachment D

### Potential for Special-Status Species to Occur on the Project Site

with 100% certainty; **Presumed Absent:** Habitat suitable for residence and breeding occurs in the Study Area; however, focused surveys conducted for the current project were negative; **May Occur:** Species was not observed on the site and breeding habitat is not present but the species has the potential to utilize the site for dispersal; **High:** Habitat suitable for residence and breeding occurs in the Study Area and the species has been recorded recently in or near the Study Area, but was not observed during surveys for the current project; **Present:** The species was observed during biological surveys for the current project and is assumed to occupy the Study Area or utilize the Study Area during some portion of its life cycle.

## Attachment D

### Potential for Special-Status Species to Occur in the Study Area

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2010. Coastal California gnatcatcher (*Polioptila californica californica*) 5-year Review: Summary and Evaluation
2012. Mountain yellow-legged frog (*Rana muscosa*) Southern California Distinct Population Segment 5-year Review: Summary and Evaluation. Available online at: [https://www.fws.gov/carlsbad/SpeciesStatusList/5YR/20120713\\_5YR\\_MYLF.pdf](https://www.fws.gov/carlsbad/SpeciesStatusList/5YR/20120713_5YR_MYLF.pdf)
2014. Draft Recovery Plan for Santa Ana Sucker (*Catostomus santaanae*)

## **Attachment D**

### **Potential for Special-Status Species to Occur in the Study Area**

Zeiner, D.C., W.F. Laudenslayer, Jr., K.E. Mayer, and M. White, eds. 1988-1990. California's Wildlife. Vol. I-III. California Depart. of Fish and Game, Sacramento, California.

# Attachment E

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Species Observed  
on the Project Site



Table E-1. Plant Species Observed on the Project Site

Family	Species Name	Common Name	Status <sup>1</sup>
<b>Native</b>			
Adoxiaceae	<i>Sambucus mexicana</i>	Mexican elderberry	
Arecaceae	<i>Washingtonia robusta</i>	Mexican fan palm	--
Asteraceae	<i>Artemisia californica</i>	California sagebrush	--
Cupressaceae	<i>Sequoia sempervirens</i>	coastal redwood	--
Fagaceae	<i>Quercus agrifolia</i>	coast live oak	--
	<i>Quercus durata</i>	leather oak	--
Oleaceae	<i>Fraxinus dipetala</i>	California Ash	--
Polygonaceae	<i>Eriogonum fasciculatum</i>	California buckwheat	--
<b>Non-native</b>			
Amaranthaceae	<i>Chenopodium vulvaria</i>	stinking goosefoot	--
	<i>Salsola soda</i>	opposite-leafed Russian thistle	Moderate
Amaryllidaceae	<i>Narcissus poeticus</i>	daffodil	--
Asteraceae	<i>Lactuca serriola</i>	prickly lettuce	--
	<i>Taraxacum officinale</i>	dandelion	--
Brassicaceae	<i>Brassica nigra</i>	black mustard	Moderate
Caprifoliaceae	<i>Lonicera caprifolium</i>	common honeysuckle	--
Geraniaceae	<i>Erodium cicutarium</i>	redstem filaree	Limited
	<i>Geranium molle</i>	Dove's-foot Crane's-bill	--
Lauraceae	<i>Persea americana</i>	avocado	--
Lythraceae	<i>Lagerstroemia indica</i>	crape myrtle	--
Magnoliaceae	<i>Magnolia grandiflora</i>	southern magnolia	--
Oleaceae	<i>Ligustrum lucidum</i>	glossy privet	Limited
Oxalidaceae	<i>Oxalis corniculata</i>	creeping woodsorrel	--
Poaceae	<i>Avena fatua</i>	common wild oat	Moderate
	<i>Briza minor</i>	little quakinggrass	--
	<i>Bromus hordeaceus</i>	soft brome	Limited
	<i>Cynodon dactylon</i>	Bermuda grass	Moderate
	<i>Festuca perennis</i>	Italian rye-grass	Moderate
	<i>Elymus caput-medusae</i>	medusahead	High
Rosaceae	<i>Rosa</i> sp.	rose	--
Sapindaceae	<i>Koelreuteria paniculata</i>	goldenrain tree	--
Solanaceae	<i>Nicotiana glauca</i>	tree tobacco	Moderate
	<i>Solanum nigrum</i>	black nightshade	

<sup>1</sup>Status of native species is federal listing/state listing/California Rare Plant Rank; Status for non-native species is California Invasive Species Council invasiveness rating.

Table E-2. Wildlife Species Observed on the Project Site

Order/Family	Species Name	Common Name	Status <sup>1</sup>
<b>Birds</b>			
Accipitriformes			
Accipitridae	<i>Buteo jamaicensis</i>	red-tailed hawk	--
Apodiformes			
Trochilidae	<i>Calypte anna</i>	Anna's hummingbird	--
Columbiformes			
Columbidae	<i>Columba livia</i>	rock dove	--
	<i>Zenaida macroura</i>	mourning dove	--
Passeriformes			
Corvidae	<i>Corvus brachyrhynchos</i>	American crow	--
	<i>Corvus corax</i>	common raven	--
Fringillidae	<i>Haemorhous mexicanus</i>	house finch	--
Passerelidae	<i>Melospiza crissalis</i>	California towhee	--
	<i>Passer domesticus</i>	house sparrow	--
	<i>Psaltiriparus minimus</i>	bushtit	--
	<i>Troglodytes aedon</i>	house wren	--
	<i>Zonotrichia leucophrys</i>	white-crowned sparrow	--
<b>Reptiles</b>			
Iguania			
Phrynosomatidae	<i>Sceloporus occidentalis</i>	western fence lizard	--

<sup>1</sup>Status for animal species is ESA/CESA listing or other sensitivity.

# Attachment F

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Site Photographs



**Photo 1:** View of construction debris in the Study Area. Photo taken February 5, 2022.



**Photo 2:** View of staged scaffolding equipment in the Study Area. Photo taken February 5, 2022.



**Photo 3:** View of disturbed coastal sage scrub adjacent to the Study Area along the berm leading to I-210. Photo taken February 5, 2022.



**Photo 4:** View of a mature Mexican elderberry tree located in the center of the Study Area. Photo taken February 5, 2022.



**Photo 5:** View of the vacant house in the southwestern corner of the Study Area. Photo taken February 5, 2022.



**Photo 6:** View of coast live oaks lining the perimeter of the Study Area. Photo taken February 5, 2022.

# Attachment G

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Arborist Report

## *Seven Elk Ranch Design Inc.*

5328 Alhama Drive • Woodland Hills, California 91364  
100 Brady Lane • Hamilton, Montana 59840 (mailing address)

Phone (805) 577-8432

April 7, 2022

Ms. Margo D. Conley  
Vice President of Development  
12121 Foothill Boulevard LLC  
20929 Ventura Boulevard, Suite 47-521  
Woodland Hills, California 91364-2334

**Subject: Protected Tree Inventory**  
**12121 Foothill Boulevard, Sylmar, California 91342**

Dear Ms. Conley:

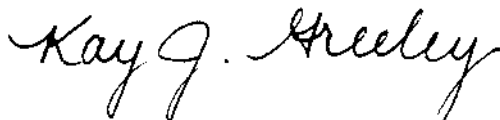
As requested, we performed an inventory of the protected trees located at 12121 Foothill Boulevard, Sylmar, California. The inventory was performed on July 20, 2021, by associate Registered Consulting Arborist, Ann Burroughs.

At the time of the site inspection, the parcel and immediate vicinity contained a total of 14 protected trees. We anticipate that two of the protected trees will require removal to construct the project as proposed. During final design we will work with the project engineer to create retaining walls where required to preserve the remaining trees.

An inventory of the trees is contained in the attached table. Also attached is a copy of the proposed grading plan for the project, showing the location of each protected tree. A full Protected Tree Report will be prepared at the time required for the City of Los Angeles Urban Forestry Division review of the project.

If you have any questions, please do not hesitate to contact me.

Sincerely,



**KAY J. GREELEY**  
President

Civil Engineer 37396  
Landscape Architect 4035  
ISA Board Certified Arborist WE-1140B  
ISA Tree Risk Assessment Qualified  
Member, American Society of Consulting Arborists  
ASCA Tree and Plant Appraisal Qualified

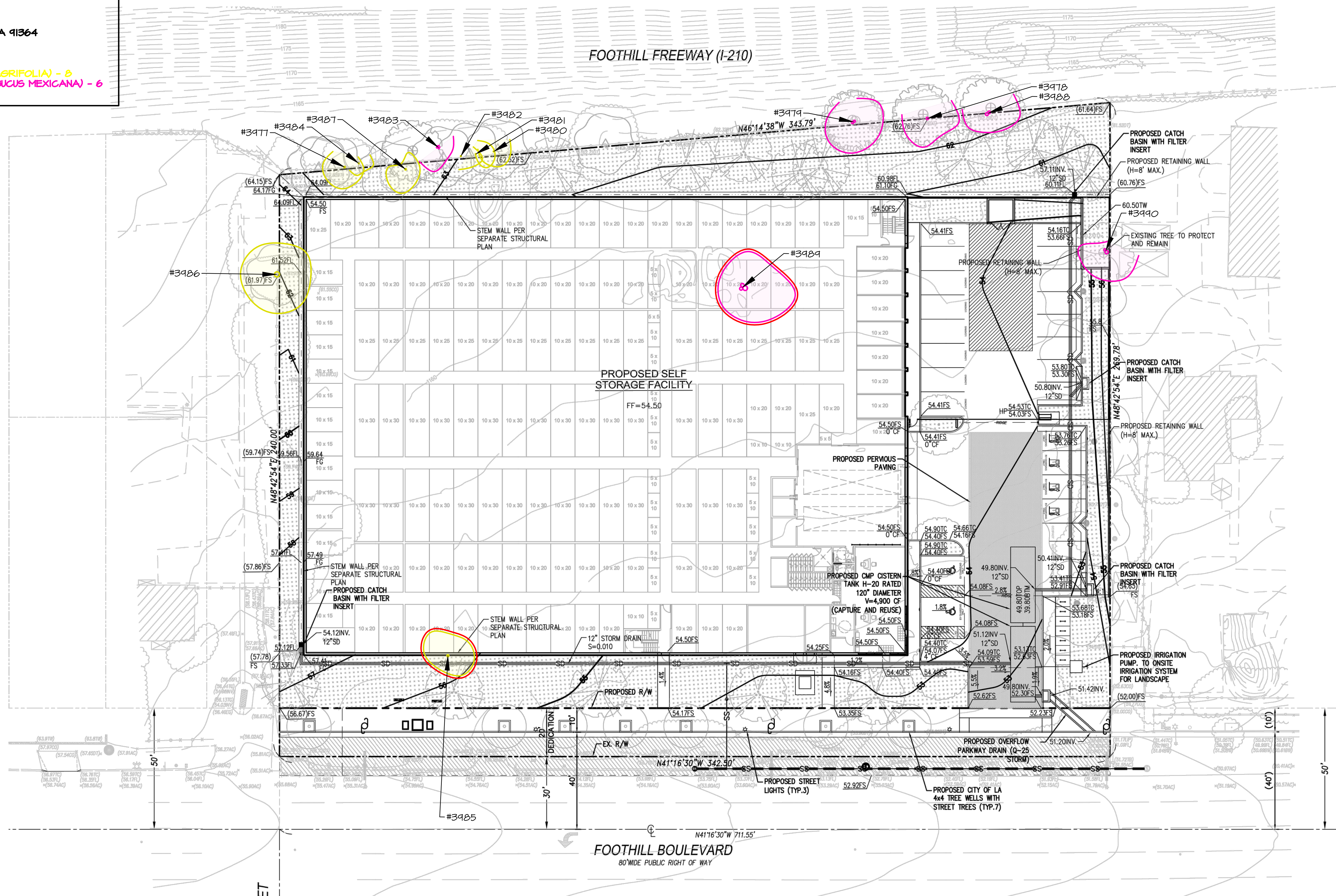


**TABLE 2  
PROTECTED TREE INVENTORY**

Tree Number	Species		dBH (inches)	Canopy (feet)	Height (feet)	Health	Appearance	Comments
	Scientific Name	Common Name						
3977	<i>Quercus agrifolia</i>	coast live oak	8 (est.)	15	20	B-	C	within Caltrans right-of-way
3978	<i>Sambucus mexicana</i>	Mexican elderberry	12 (est.)	22	20	C-	C-	within Caltrans right-of-way
3979	<i>Sambucus mexicana</i>	Mexican elderberry	11, 10 (est.)	25	30	D+	D+	may be on northerly property line
3980	<i>Quercus agrifolia</i>	coast live oak	4 (est.)	13	16	B	B-	within Caltrans right-of-way; partially suppressed
3981	<i>Quercus agrifolia</i>	coast live oak	4 (est.)	11	18	B	B-	within Caltrans right-of-way; partially suppressed
3982	<i>Quercus agrifolia</i>	coast live oak	4 (est.)	15	19	B	B-	within Caltrans right-of-way; partially suppressed
3983	<i>Sambucus mexicana</i>	Mexican elderberry	5, 3, 3 (est.)	23	23	D+	C-	within Caltrans right-of-way
3984	<i>Quercus agrifolia</i>	coast live oak	4 (est.)	10	18	B	B-	within Caltrans right-of-way
3985	<i>Quercus agrifolia</i>	coast live oak	10	19	40	B-	A-	trunk wounds
3986	<i>Quercus agrifolia</i>	coast live oak	25 (est.)	30	52	C	B-	numerous old failures; trunk embedded chain link fence
3987	<i>Quercus agrifolia</i>	coast live oak	8	14	26	C	B-	bleeding numerous spots on trunk; trunk wounds
3988	<i>Sambucus mexicana</i>	Mexican elderberry	15, 13 (est.)	20	16	C-	C-	may be on northerly property line
3989	<i>Sambucus mexicana</i>	Mexican elderberry	23, 17, 15 (est.)	29	40	D+	D+	exhibits numerous old failures
3990	<i>Sambucus mexicana</i>	Mexican elderberry	16, 11	21	30	C	C	suppressed

TREE LOCATION MAP  
 PREPARED BY:  
 KAY J. GREELEY, RLA, BCMA  
 5328 ALHAMA DRIVE  
 WOODLAND HILLS, CALIFORNIA 91364  
 (805) 571-8432

LEGEND  
 COAST LIVE OAK (QUERCUS AGRIFOLIA) - 8  
 MEXICAN ELDERBERRY (SAMBUCUS MEXICANA) - 6  
 TREES TO BE REMOVED - 2



**PRIVATE ENGINEER'S NOTICE TO CONTRACTOR**

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN IN THESE PLANS ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS, AND TO THE BEST OF OUR KNOWLEDGE, THERE ARE NOT EXISTING UTILITIES EXCEPT THOSE SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE ALL PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN, AND ANY OTHER LINES OR STRUCTURES NOT SHOWN ON THESE PLANS, AND IS RESPONSIBLE FOR THE PROTECTION OF AND ANY DAMAGE TO THESE LINES OR STRUCTURES.

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY, AND HOLD HARMLESS THE CITY, ITS EMPLOYEES, AND AGENTS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.

THE CONTRACTOR SHALL BE RESPONSIBLE TO REPORT DISCREPANCIES IN PLANS AND/OR FIELD CONDITIONS IMMEDIATELY TO THE DESIGN ENGINEER FOR RESOLUTION PRIOR TO CONSTRUCTION, AND SHALL BE RESPONSIBLE FOR DISCREPANCIES NOT SO REPORTED AND RESOLVED.

**BASIS OF BEARINGS:**

THE BEARING OF N41°16'30" W OF THE CENTERLINE OF FOOTHILL BOULEVARD, FORMERLY MULHOLLAND STREET, PER TRACT NO. 7826 FILED IN BOOK 91 PAGE 23 OF MAP, RECORDS OF LOS ANGELES COUNTY WAS TAKEN AS THE BASIS OF BEARINGS FOR THIS SURVEY.

**PROJECT BENCH MARK:**

CITY OF LOS ANGELES SURVEY BENCH MARK NO. 03-00477

ELEVATION = 1144.647 NAVD 1988; 2000 ADJ.

SPIKE SOUTHERLY CURB FOOTHILL BOULEVARD 2.5 FEET EASTERLY OF BCR EASTERLY OF PIERCE STREET.

ADD 1100 TO SPOT ELEVATIONS SHOWN HEREON IN PARENTHESIS FOR DATUM

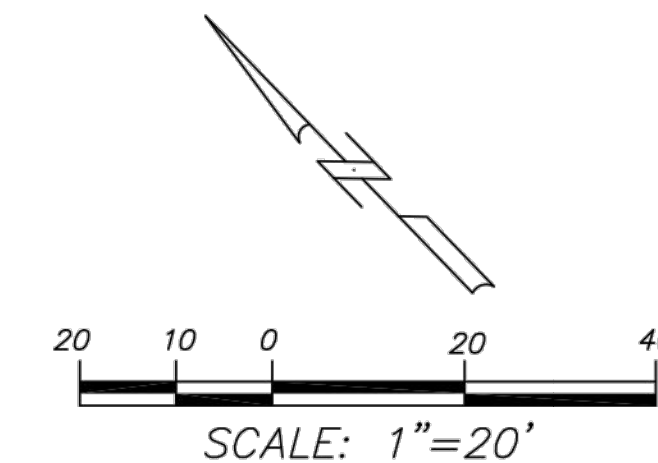
SITE TBM SHOWN HEREON.

**FEMA FLOOD ZONE:**

ZONE X - AREAS OUTSIDE OF THE 1% ANNUAL CHANCE FLOODPLAIN, AREAS OF 1% ANNUAL CHANCE SHEET FLOW FLOODING WHERE AVERAGE DEPTHS ARE LESS THAN 1 FOOT, AREAS OF 1% ANNUAL CHANCE OF STREAM FLOODING WHERE CONTRIBUTING DRAINAGE AREA IS LESS THAN 1 SQUARE MILE, OR AREAS PROTECTED FROM THE 1% ANNUAL CHANCE FLOOD BY LEVEES. NO BASE FLOOD ELEVATIONS OR DEPTHS ARE SHOWN WITHIN THE ZONE. INSURANCE PURCHASE IS NOT REQUIRED IN THIS ZONE.

FIRM MAP NO. 06037C1069F DATED SEPT. 26, 2008.

THE ABOVE STATEMENT IS FOR INFORMATION ONLY.



18543 YORBA LINDA BLVD  
 #235  
 YORBA LINDA, CA 92886  
 714.749.3077  
 WWW.BLUEPEAKENGINEERING.COM

**BLUE PEAK ENGINEERING**

DRAWING ISSUE RECORD  
 DATE DESCRIPTION

DRAWING ISSUE RECORD	
DATE	DESCRIPTION

REVISION RECORD

REVISION RECORD		
NO.	DATE	DESCRIPTION

PROJECT INFORMATION

12121 FOOTHILL BOULEVARD, LLC  
 12121 FOOTHILL BLVD.  
 SYLMAR, CA. 91342

PROFESSIONAL SEAL



SHEET TITLE

**PRELIMINAR GRADING PL**

SHEET NUMBER

2 of 5

BLUE PEAK JOB #: 0879  
 DATE: 03/22/2022