## Notice of Exemption

To: Office of Planning and Research P.O. Box 3044, Room 113 Sacramento, CA 95812-3044

> County Clerk County of: <u>Calaveras</u> 891 Mountain Ranch Road, Building D San Andreas, CA, 95249

Project Title: Little John Force Main Project

Project Applicant: Calaveras County Water District (CCWD)

Project Location - Specific:

Shoulder of Little John Rd, APN 550-51-028, 550-51-057, Copper Valley Golf Course

Project Location - City: Copperopolis Project Location - County: Calaveras

Description of Nature, Purpose and Beneficiaries of Project:

CCWD proposes the installation of an approximately 27,000 ft long wastewater force main connecting the existing Copperopolis Town Square wastewater lift station with the existing lift station located south of Oak Creek Drive in the southeastern portion of the Copper Valley Specific Plan. CCWD also proposes upgrades to the existing Copperopolis Town Square wastewater lift station. The proposed project is needed to accommodate wastewater generated by approved residential development within the Copper Valley Specific Plan.

Name of Public Agency Approving Project: Calaveras County Water District

Name of Person or Agency Carrying Out Project: Calaveras County Water District

Exempt Status: (check one):

- □ Ministerial (Sec. 21080(b)(1); 15268);
- Declared Emergency (Sec. 21080(b)(3); 15269(a));
- □ Emergency Project (Sec. 21080(b)(4); 15269(b)(c));
- ☑ Categorical Exemption. State type and section number: 15303(d)
- □ Statutory Exemptions. State code number:

Reasons why project is exempt:

The project will install a new wastewater force main to connect to existing lift stations. This would be considered an extension of the CCWD sewage system. The Class 3(d) Categorical Exemption, New Construction or Conversion of Small Structures exempts water main, sewage, electrical, gas, and other utility extensions from CEQA, unless the project is located in a sensitive environment. The project location is not in a sensitive environment.

Lead Agency Contact Person:	Kevin Williams		Area Code	e/Telephone/E	xtension:	209-754	-3184
	cant: rtified document of exe tice of Exemption been		blic agency	approving the	project?	Yes	No
Signature:	ím	Date:	1/22/2	0 245 Title:	Senior	r Eng	incer
Sigr	ned by Lead Agency	Signed by Ap	plicant				
	ons 21083 and 21110, Publ 21108, 21152, and 21152,			Date Received f	or filing at Ol	PR:	

From: (Public Agency): Calaveras County Water District 120 Toma Court, San Andreas, CA, 95249

(Address)

Appendix E



## CEQA CATEGORICAL EXEMPTION MEMORANDUM

PREPARED FOR: Kevin Williams, Calaveras County Water District

PREPARED BY: Dewberry Engineers Inc., Abi Lloyd, Staff Environmental Scientist

DATE: January 17, 2025

**SUBJECT:** Little John Force Main Project – California Environmental Quality Act Categorical Exemption Memorandum

#### 1. Introduction

The Calaveras County Water District (CCWD), as the California Environmental Quality Act (CEQA) Lead Agency, proposes the Little John Force Main Project (proposed project), within the community of Copperopolis in unincorporated Calaveras County. CCWD proposes the installation of an approximately 27,000-foot-long wastewater force main connecting the existing Copperopolis Town Square wastewater lift station with the existing lift station located south of Oak Creek Drive in the southeastern portion of the Copper Valley Specific Plan (previously known as Saddle Creek Specific Plan). CCWD also proposes upgrades to the existing Copperopolis Town Square wastewater lift station. The proposed project is needed to accommodate wastewater generated by approved residential development within the Copper Valley Specific Plan which is anticipated to generate a wastewater flow rate of 120 gallons per minute.

This memorandum provides analysis supporting the proposed project's exempt status under CEQA through a Categorical Exemption (CE) under Class 3(d), New Construction or Conversion of Small Structures. A Notice of Exemption (NOE) along with this CE Memorandum will be submitted to the Calaveras County Clerk as well as to the Office of Land Use and Climate Innovation through the California State Clearinghouse as required by Senate Bill 69 (SB 69) (enacted on January 1, 2024).

#### 2. Project Location and Description

The new 6-inch-diameter force main would connect to an existing 4-inch-diameter force main in Sawmill Creek Road and Little John Road between the lift station and holding tanks to the west. From here, the new force main would be installed in the west shoulder of Little John Road, cross Little John Road heading east just north of Quiver Road, and then cross Little John Road heading west to the end of Bow Drive where it would continue on the Copper Valley Specific Plan property. The force main would be installed in the future Bow Drive extension and then be located just west of the easterly property line of the Copper Valley Specific Plan where it would angle west away from the easterly property line where it would cross Saddle Creek Drive at the existing real estate office. The new force main would then run westerly on the south side of Saddle

Creek Drive to the hole 10 golf cart path and run adjacent to the cart path along holes 10 and 11 south to Oak Creek Drive where it would tie into an existing manhole that outlets to the existing Copper Valley Saddle Creek (CVSC) main lift station. Figures 1 and 2 in Attachment A shows the location of the project on a regional and local basis, respectively.

CCWD also proposes to upgrade the existing Copperopolis Town Square wastewater lift station with two 50-horsepower pumps capable of pumping 150 gallons per minute of effluent each. The lift station would also be upgraded with a new backup generator with an auto transfer switch to allow pumping during power outages, a new supervisory control and data acquisition (SCADA) and pump control system, and other upgrades to the pump control building needed to bring the system up to current CCWD standards.

Construction activities would include trenching to a maximum depth of 5 feet, would commence in June 2025, would take 6 months, and become operational by January 2026.

### 3. Environmental Resource Discussion

### 3.1 Biological Resources

The information and analysis in this section are derived from the Biological Resources Technical Memo (Attachment B) prepared by Dewberry. Literature review and field surveys were conducted to determine potential impacts to vegetation communities, wildlife, and special-status species resulting from project implementation.

The project site is occupied by blue oak woodlands, cattail marshes, and developed areas (roads and golf courses). Several aquatic resources are within the project site including ephemeral or intermittent drainages crossing beneath Little John Road and areas of cattail marsh associated with the golf course ponds. Most of the project alignment has been previously disturbed. Because the project site is primarily adjacent to Little John Road and the remaining sections are located on the golf course and an old dirt road alignment behind home sites, the project site does not provide suitable habitat for special-status species. The field surveys confirmed that the project site does not have suitable habitat, and no special-status species were observed at the site.

Construction activities may occur in the general vicinity of oak trees on or adjacent to the project site and near aquatic resources. The proposed project would comply with standard conditions, outlined below in Section 6.2, which addresses protection of these resources during project construction activities. The blue oak woodland and forest community adjacent to the project site could provide habitat for nesting birds, which are protected by the Migratory Bird Treaty Act (MBTA) and Section 3503 of the California Fish and Game Code. The proposed project would comply with standard conditions, outlined below in Section 6.3, which address nesting birds during project construction in compliance with the MBTA.

Overall, project implementation would result in no impacts to biological resources.

### 3.2 Historic/Cultural Resources

The information and analysis in this section are derived from the Cultural and Historical Resources Technical Memo prepared by Dewberry. Due to the sensitivity of cultural resources, a redacted version of the technical memo is included as Attachment C.

Areas in the proposed project vicinity are designated as moderate to high sensitivity for cultural resources (Calaveras County, 2018). Based on the sensitivity of the area, California Historical Resources Information System (CHRIS) records searches were conducted in November and December 2024. The records searches did not identify any cultural resources in the project area but did identify 27 cultural resources as adjacent or within 0.25 mile of the project site. Qualified cultural resource specialists surveyed the site on January 11, 2025. All cultural resources adjacent to the project area were found to be extant, or no longer existing. All other known cultural resources will not be impacted by project construction as they are not within or adjacent to the project construction footprint. No impact to previously identified cultural resources is expected as part of the proposed project. Nevertheless, construction activities occurring on the project site requiring below surface excavation/trenching could reveal previously undiscovered cultural resources. In the event this occurs, the construction contractor would comply with the standard conditions, as outlined below in Section 6.4. Overall, historic and cultural resources would not be impacted by project implementation.

### 3.3 Hazardous Materials

The proposed project involves the short-term use of construction equipment which could result in unanticipated oil or related fluid leaks; however, the handling of hazardous materials during construction activities would occur in accordance with applicable federal, state, and local law requirements. Implementation of standard construction best management practices (BMPs), compliance with vehicle manufacturer's specifications, and compliance with applicable regulations would address methods for containing accidental spills of hazardous materials.

A review of the Department of Toxic Substances Control (DTSC) database, EnviroStor, the State Water Resources Control Board (SWRCB) database, GeoTracker, and EPA's Toxic Release Inventory (EPA TRI) databases shows no hazardous materials sites directly associated with the project area (DTSC, 2024; SWRCB, 2024; EPA, 2022). The closest active site is the Copperopolis Mines, located 1.2 miles east of the project site (SWRCB, 2024), which has generated surface water and groundwater contamination from pollutants including copper and acid mine drainage. The potentially affected surface water does not flow near the site, and any trenching done for the proposed project would be no greater than five feet, which is shallower than the groundwater table. Therefore, there would be no potential impacts associated with hazards from the Copperopolis Mines.

Road lane striping has the potential to contain lead-based paint (LBP). Most of the project would be constructed in the shoulder of Little John Road; however, the project

would cross the road in three locations. The proposed project would comply with the standard conditions listed in Section 6.5 regarding reduction of exposure to LBP during construction.

Mapping prepared by the California Division of Mines and Geology confirms that the project site is not in an area known for ultramafic rock containing naturally occurring asbestos (CDC, 2011).

The nearest school, Copperopolis Elementary School, is located 1.2 miles northeast of the northeastern most part of the project site, therefore no potential impacts to this school are anticipated.

Overall, impacts associated with hazards and hazardous materials would not occur with project implementation.

### 3.4 Noise

Pursuant to Section 9.02.060 of the Calaveras County Code of Ordinances, sound from construction activities is exempt from the County's Noise Ordinance, provided that all construction in or adjacent to residential areas is limited to the daytime hours of 7:00 a.m. to 6:00 p.m., unless otherwise subject to conditions in a valid discretionary land use permit that addresses construction noise associated with a project. The Calaveras County General Plan includes Policies N 1.3 and N 1.4 that both provide exemptions for temporary construction noise. The nearest sensitive receivers to the project site are residential units along Little John Road, as close as 40 feet south from where construction activity would occur.

Force main construction would require the use of an off-highway truck, trencher, and small bulldozer as construction occurs along the linear project site. Construction noise levels would be temporary in nature as construction activities move through the project site in a linear fashion. The proposed project would comply with the standard conditions listed in Section 6.6 regarding reduction of construction noise levels near sensitive receivers.

As part of the proposed project, a new backup generator would be installed at the existing Copperopolis Town Square lift station. The nearest sensitive receiver is a residential home that is 0.5 mile southeast of the lift station. From this distance, the backup generator operations would not create a substantial permanent increase in ambient noise levels.

Overall, impacts associated with noise would not occur during project construction or operation.

### 4. California Environmental Quality Act (CEQA) Analysis

CEQA CEs represent activities that generally do not result in significant environmental impacts. The Secretary of the Resource Agency has established a list of classes of projects, which have been determined not to have a significant effect on the environment and are therefore exempt from the provisions of CEQA, provided several

exception criteria are met (CEQA Guidelines Section 15300-15332). The proposed project would be eligible as a CE under Class 3(d), New Construction or Conversion of Small Structures, which includes water main, sewage, electrical, gas, and other utility extensions, including street improvements, of reasonable length to serve such construction. Table 1, below, discusses and provides justification for CEQA compliance with exception criteria listed under CEQA Guidelines Section 15300.

TABLE 1: Exception Discussion							
Exception	Discussion						
(a) Location. Classes 3, 4, 5, 6, and 11 are qualified by consideration of where the project is to be located – a project that is ordinarily insignificant in its impact on the environment may in a particularly sensitive environment be significant. Therefore, these classes are considered to apply all instances, except where the project may impact on an environmental resource of hazardous or critical concern where designated, precisely mapped, and officially adopted pursuant to law by federal, state, or local agencies.	The proposed project is exempt under Class 3. The project will not take place in a particularly sensitive environment. The existing conditions of the site are described in Section 2 as well as the Biological and Cultural Memos attached.						
(b) Cumulative Impact. All exemptions for these classes are inapplicable when the cumulative impact of successive projects of the same type in the same place, over time is significant.	CCWD's proposed project is needed to accommodate wastewater from an approved residential development. The project is not growth inducing.						
(c) Significant Effect. A categorical exemption shall not be used for an activity where there is a reasonable possibility that the activity will have a significant effect on the environment due to unusual circumstances.	There are no unusual circumstances of concern involved with the proposed project. The analysis presented above in Section 4.0 concludes that significant effects would not occur to biological resources, or cultural/historical resources or due to hazardous materials or noise.						
(d) Scenic Highways. A categorical exemption shall not be used for a project which may result in damage to scenic resources, including but not limited to, trees, historic buildings, rock outcroppings, or similar resources, within a highway officially designated as a state scenic highway. This does not apply to improvements which are required as mitigation by an adopted negative declaration or certified EIR.	There are no officially designated or eligible scenic highways near the proposed project.						
(e) Hazardous Waste Sites. A categorical exemption shall not be used for a project located on a site which is included on any list compiled pursuant to Section 65962.5 of the Government Code.	The review of EnviroStor and GeoTracker identified no hazardous materials sites directly associated with the project site. The proposed project is not located on a listed hazardous materials site.						

TABLE 1: Exception Discussion						
Exception	Discussion					
(f) Historical Resources. A categorical exemption shall not be used for a project which may cause a substantial adverse change in the significance of a historical resources.	A records search and field survey found no historical or cultural resources within the project site. Per Section 3.2, all adjacent cultural resources are no longer extant and/or would not be impacted by the proposed project. The proposed project would not cause a substantial adverse change to a historic resource.					

## 5. Determination

In accordance with CEQA, each public agency shall, in the course of establishing its own procedures, list those specific activities which fall within each of the exempt classes, subject to the qualification that these lists must be consistent with both the letter and the intent expressed in the classes.

Based on a review of the project site, CEQA Guidelines, and the analysis above, the project would meet the requirements of a CE Class 3(d) under CEQA.

## 6. Standard Conditions

The following standard conditions will be included in bid packages and construction notices for compliance during construction.

## 6.1 Preconstruction Training

• Prior to commencing construction, all contractors will attend preconstruction training with CCWD staff to review project design conditions.

## 6.2 Vegetation Communities and Aquatic Resources

- The project alignment shall be adjusted where needed to avoid removing native trees. If the alignment encroaches within the dripline of a native tree, any roots 2 inches in diameter or larger that will be impacted shall be cut at a 90-degree angle with a sharp saw.
- Prior to the start of work, the limits of aquatic resources in the BSA, as determined by a qualified biologist, shall be protected with high visibility fencing that will be maintained in good condition through the duration of construction.
- All disturbed areas shall be restored to pre-construction contours and revegetated, either through hydroseeding or other means, with native or approved non-invasive exotic species.

### 6.3 Nesting Birds

- If possible, complete vegetation removal and ground disturbance during the nonbreeding season (September 1 through January 31).
- If vegetation removal and/or ground disturbance is scheduled during the nesting season (February 1 to August 31), a preconstruction survey for nesting birds shall be conducted by a qualified biologist within 7 days from the start of

construction activities. The survey shall be conducted within the project impact area and a 250-foot radius.

- If the preconstruction survey does not identify any active nests, work may proceed.
- If the preconstruction survey identifies any active nests, an appropriate no-work buffer shall be established by a qualified biologist. The size of the buffer shall be determined based on the proximity of the active nest to work activities, ambient noise levels, and other factors determined relevant by the qualified biologist (e.g., line of sight). The no-work buffer zone shall be delineated by highly visible temporary construction fencing, which shall remain in place and maintained in good condition until the nest is no longer active, as determined by a qualified biologist.

## 6.4 Unanticipated Cultural Resource/Human Remain Discoveries

If a cultural resource is discovered during construction activities, the construction contractor will comply with the following provisions:

- The person discovering the cultural resource will notify the CCWD or the project's designated qualified cultural resource professional by telephone within four hours of the discovery or the next working day if the department is closed.
- When the cultural resource is located outside the area of disturbance, the project's designated qualified cultural resource professional will be allowed to photo document and record the resource and construction activities may continue during this process.
- When the cultural resource is located within the area of disturbance, all activities that may impact the resource will cease immediately upon discovery of the resource. All activity that does not affect the cultural resource as determined by site's designated qualified cultural resource professional may continue. The project's designated qualified cultural resource professional will be allowed to conduct an evaluative survey to evaluate the significance of the cultural resource, which evaluation will be complete within 2 weeks of the discovery unless extraordinary circumstances require additional time.
- When the cultural resource is determined to be not significant, the project's designated qualified cultural resource professional will be allowed to photo document and record the resource. Construction activities may resume after authorization from the project's designated qualified professional.
- When a resource is determined to be significant, the resource will be avoided with said resource having boundaries established around its perimeter by the project's designated qualified cultural resource professional or a cultural resource management plan will be prepared by the project's designated qualified professional to establish measures formulated and implemented in accordance with Sections 21083.2 and 21084.1 of CEQA to address the effects of construction on the resource. The project's designated qualified cultural resource professional will be allowed to photo document and record the resource. Construction activities may resume after authorization from the project's

designated qualified cultural resource professional. All further activity authorized by this permit will comply with the cultural resources management plan, if necessary.

If human remains, burial, cremation or other mortuary features are uncovered • during construction activities; upon discovery, secure the location, do not touch or remove remains and associated artifacts; do not remove associated spoils or go through them; document the location and keep notes of activity and correspondence. All work within 100 feet of the discovery will stop until the County Coroner can determine whether the remains are those of a Native American. If the remains are determined to be Native American, the coroner must contact the California Native American Heritage Commission to obtain the Most Likely Descendent (MLD) and follow state law (PRC 5097.98 and Health and Safety Code 7050.5(c)). No further work or disturbance will occur within 100 feet until all of the preceding actions, as applicable to the discovery, are implemented and completed. Preservation in situ is the preferred treatment of human remains and associated burial artifacts. [Public Resources Code Sections 5097.94, 5097.98 and Health and Safety Code Section 7050.5(c) and Section 15064.5 of the California Code of Regulations implementing the California Public Resources Code, Sections 21000-21177].

For the purposes of complying with the above standard conditions, a "qualified cultural resource professional" is an individual (e.g., historian or archaeologist) meeting the Secretary of the Interior's Qualification Standards a "cultural resource" is any building, structure, object, site, district, or other item of cultural, social, religious, economic, political, scientific, agricultural, educational, military, engineering or architectural significance to the citizens of Calaveras County, the State of California, or the nation which is 50 years of age or older or has been listed on or is eligible for listing on the National Register of Historic Places, the California Register of Cultural Resources, or any local register.

## 6.5 Lead-Based Paint

- Lane striping should be tested for lead-based paint prior to trenching or road disturbing activities in any areas where striping removal will take place.
- If lead is found, a Lead Compliance Plan should be prepared by the contractor for the disposal of lead-based paint. The grindings (which consist of the roadway material and the yellow and white color traffic stripes) shall be removed and disposed of in accordance with Standard Special Provision 36-4 (Residue Containing High Lead Concentration Paints).
- A California state licensed lead contractor should be required to perform all work that will disturb any lead-based paint as a result of planned or unplanned renovations in the project area, including the presence of yellow traffic striping and pavement markings that may contain lead-based paint. All such material must be removed and disposed of as a hazardous material in compliance with SSP 14-11.12.

### 6.6 Construction Equipment Noise Control

- Use newer equipment with improved muffling and ensure that all equipment items have the manufacturers' recommended noise abatement measures (such as mufflers, engine enclosures, and engine vibration isolators intact and operational). Newer equipment will be quieter in operation than older equipment. All construction equipment should be inspected at periodic intervals to ensure proper maintenance and presence of noise control devices (e.g., mufflers and shrouding).
- Utilize construction methods or equipment that will provide the lowest level of noise and ground vibration impact.
- Turn off idling equipment after no more than five minutes.
- Plan noisier operations during times of least sensitivity to receivers (daytime, weekday hours).
- Keep noise levels relatively uniform and avoid impulsive noises.
- Maintain good public relations with the community to minimize objections to the construction noise affects. CCWD will provide a project description and project updates including the construction schedule on their website. In addition, the CCWD will provide public outreach brochures and hold at least one public meeting prior to construction to keep residents and local businesses informed of the project.
- Construction activities will be limited to 7:00 a.m. to 6:00 p.m. daily in compliance with Section 9.02.060 of the Calaveras County Code of Ordinances.

#### 7. References

- Calaveras County, Draft Environmental Impact Report Calaveras County Draft General Plan, June 2018.
- California Department of Conservation, Division of Mines and Geology. Reported Historic Asbestos Mine, Historic Asbestos Prospects, and Other Natural Occurrences of Asbestos in California. 2011. Available Online: <u>https://www.conservation.ca.gov/cgs/Documents/Publications/Map-Sheets/MS 059 Plate.pdf</u>. Date Accessed: January 15, 2025.
- California Department of Transportation. California State Scenic Highway System Map. Available Online:

https://caltrans.maps.arcgis.com/apps/webappviewer/index.html?id=465dfd3d807 c46cc8e8057116f1aacaa. Date Accessed: January 15, 2025.

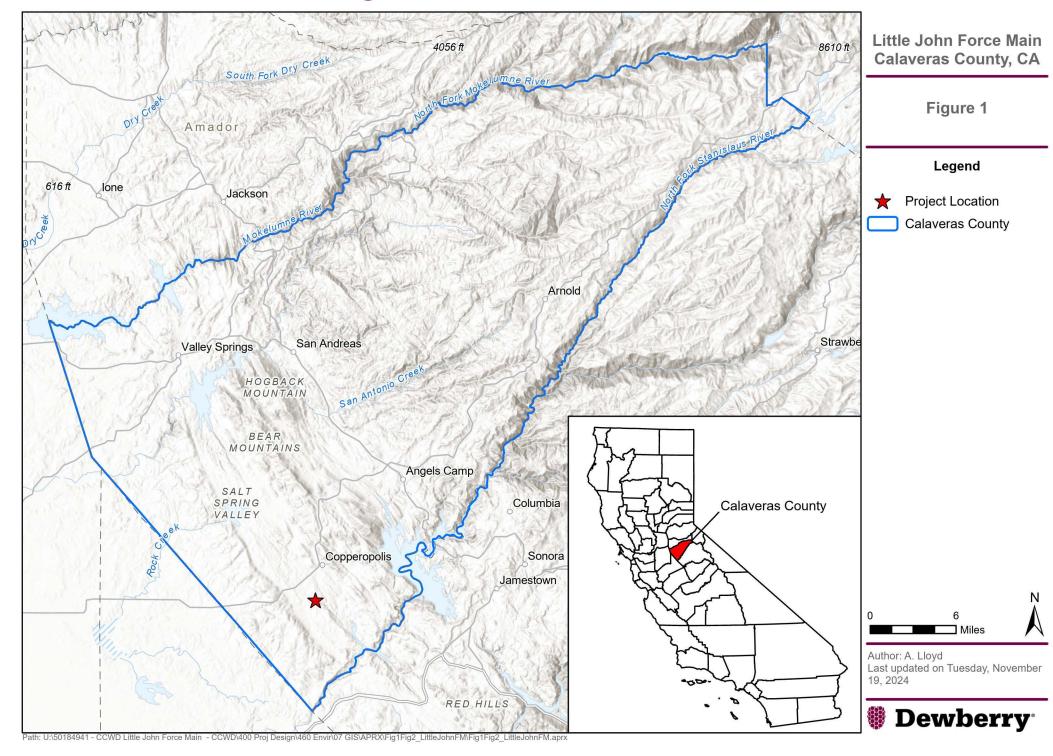
- Department of Toxic Substances Control (DTSC). 2025. EnviroStor. Available Online: <u>https://www.envirostor.dtsc.ca.gov/public/</u>. Date Accessed: January 15, 2025.
- Environmental Protection Agency (EPA). 2022. Toxic Release Inventory (TRI) Toxics Tracker. Available Online: <u>https://edap.epa.gov/public/extensions/TRIToxicsTracker/TRIToxicsTracker.html#</u> <u>continue</u>. Date Accessed: January 15, 2025.
- State Water Resources Control Board (SWRCB). 2025. GeoTracker. Online: <u>https://geotracker.waterboards.ca.gov/</u>. Date Accessed: January 15, 2025

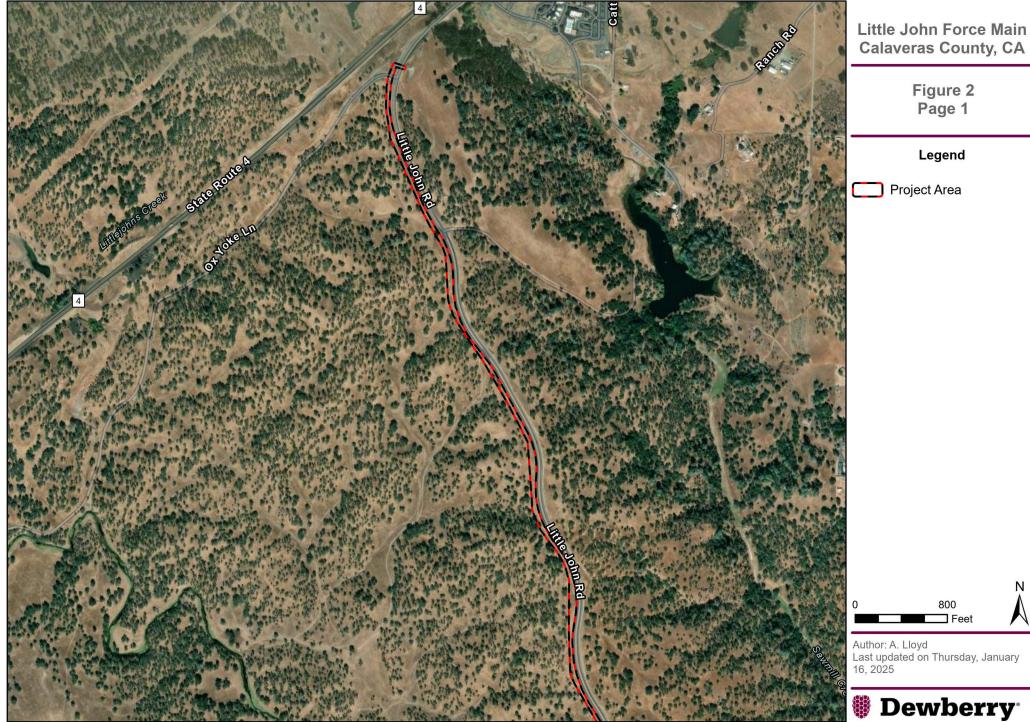
### 8. Attachments

Attachment A: Figure 1 – Regional Location Figure 2 – Project Vicinity Attachment B: Biological Resources Memo Attachment C: Cultural Resources Memo (Redacted) Attachment D: Plan Set

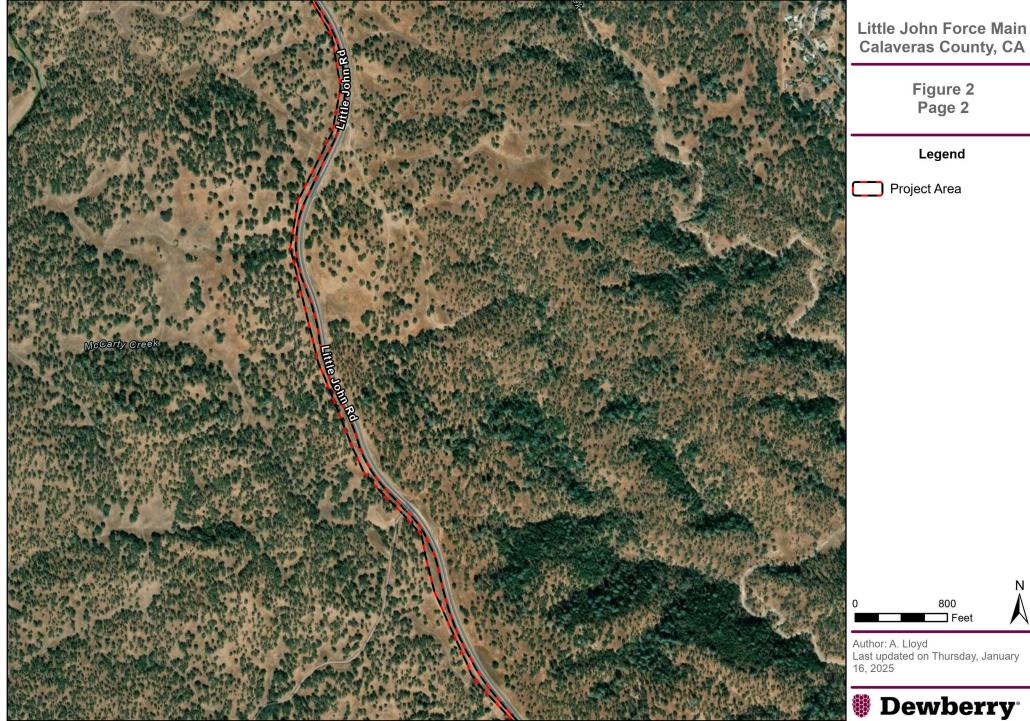
# ATTACHMENT A FIGURE 1 - REGIONAL LOCATION FIGURE 2 - PROJECT VICINITY

## **Regional Location**

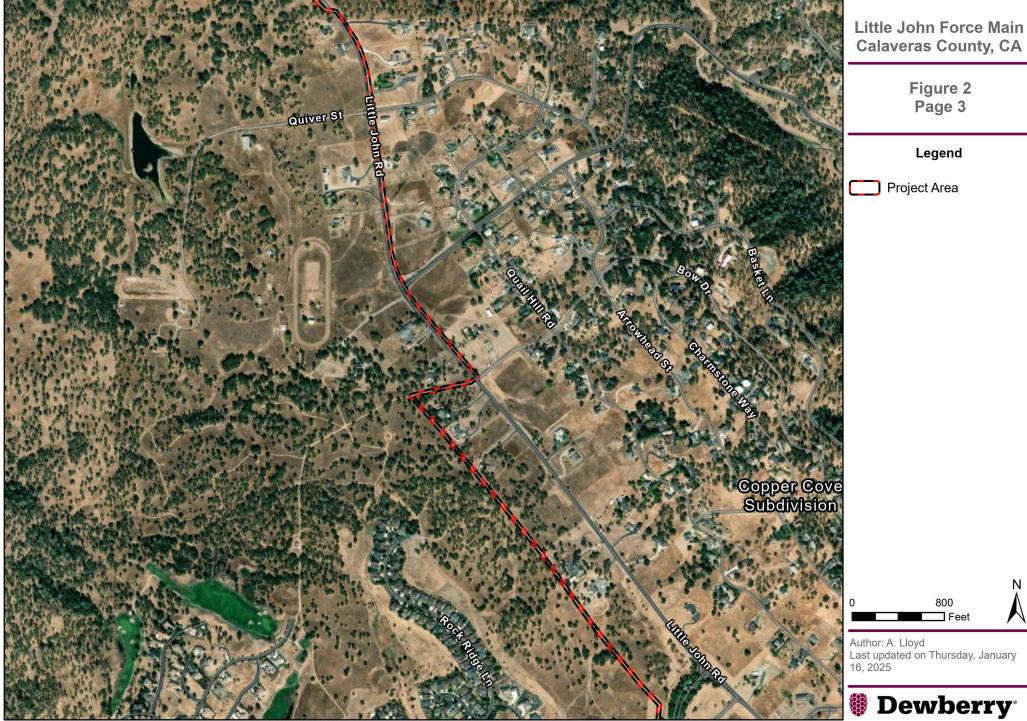




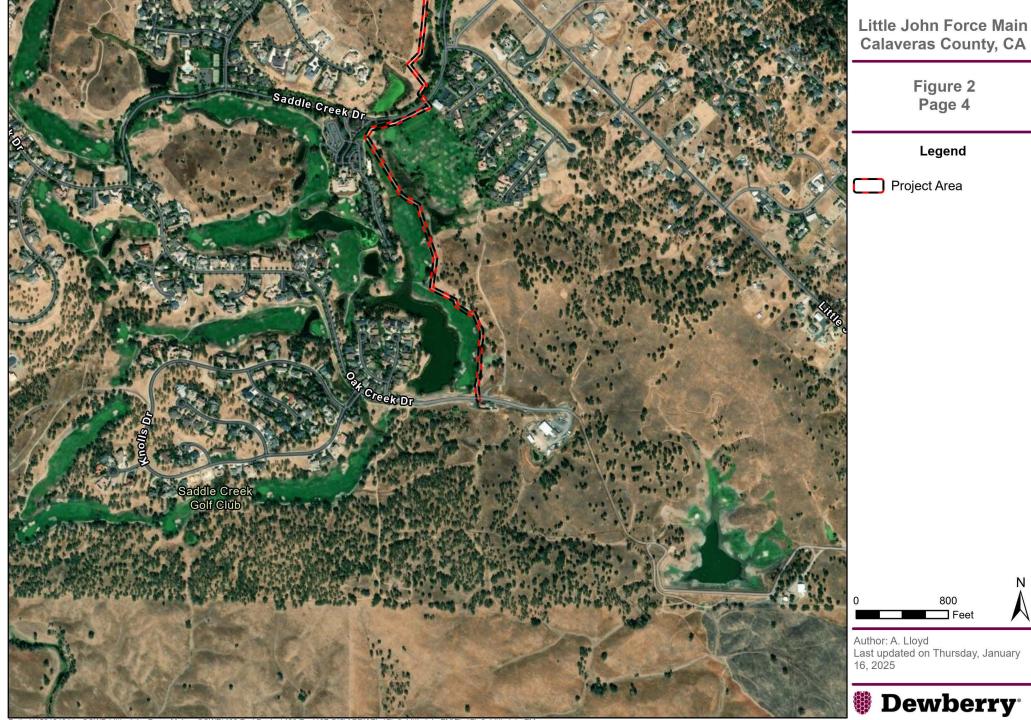
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# ATTACHMENT B BIOLOGICAL RESOURCES TECHNICAL MEMO



## MEMORANDUM

DATE: January 15, 2025 To: Kevin Williams FROM: Aren Der-Gevorgian SUBJECT: CCWD Little John Force Main Project Technical Memorandum

#### Introduction

Dewberry was retained by the Calaveras County Water District (CCWD) to prepare a Biological Resources Technical Memorandum (Memo) for the Little John Force Main Project (project).

This memo discusses vegetative communities, associated wildlife and special-status species occurring or potentially occurring on the project site and evaluates the potential impacts to these resources from proposed project activities.

#### **Project Location**

The proposed project is located along and west of Little John Road, in Sections 4, 9, 10, 15, and 22 Township 1 North, Range 12 East, on the Copperopolis USGS quadrangle map, UTM coordinates (at the southern terminus of the project adjacent to Saddle Creek Drive) 707876 E, 4199503 N (See Figures 1-2 in Attachment A).

#### **Project Description**

The CCWD, as the California Environmental Quality Act (CEQA) Lead Agency, proposes the project, within the community of Copperopolis in unincorporated Calaveras County (County). CCWD proposes the installation of an approximately 27,000-foot-long wastewater force main connecting the existing Copperopolis Town Square wastewater lift station with the existing lift station located south of Oak Creek Drive in the southeastern portion of Copper Valley Specific Plan (previously known as Saddle Creek Specific Plan). CCWD also proposes upgrades to the existing Copperopolis Town Square wastewater lift station. The proposed project is needed to accommodate wastewater generated by approved residential development within the Copper Valley Specific Plan which is anticipated to generate a wastewater flow rate of 120 gallons per minute.

The new 6-inch-diameter force main would connect to an existing 4-inch-diameter force main in Sawmill Creek Road and Little John Road between the lift station and holding tanks to the west. From here, the new force main would be installed in the east shoulder of Little John Road to the end of Bow Drive where it would continue on the Copper Valley Specific Plan property. The force main would be installed in the future Bow Drive extension and then be located just west of the easterly property line of the Copper Valley Specific Plan where it would angle west away from the easterly property line where it would cross Saddle Creek Drive at the existing real estate office. The new force main would then run westerly on the south side of Saddle Creek Drive to the hole 10 golf cart path and run adjacent to the cart path along holes 10 and 11 south to Oak Creek Drive where it would tie into an existing manhole that outlets to the existing CVSC main lift station. Figure 1 shows the alignment of the proposed project.

CCWD also proposes to upgrade the existing Copperopolis Town Square wastewater lift station with two 50-horsepower pumps capable of pumping 150 gallons per minute of effluent each. The lift station would also be upgraded with a new backup generator with an auto transfer switch to allow pumping during power outages, a new supervisory control and data acquisition (SCADA) and pump control system, and other upgrades to the pump control building needed to bring the system up to current CCWD standards. Construction activities would include trenching to a maximum depth of 5 feet, would commence in June 2025, would take 6 months, and become operational by January 2026.

Design plans are included in Attachment B.

#### **Methods**

#### **Biological Study Area**

The limits of the Biological Study Area (BSA) were established, as shown in Figure 2. The BSA, totaling approximately 21.2 acres. The BSA, totaling approximately 21.2 acres, consists of the project footprint including a 15-foot buffer from the proposed sewer force main line, and construction access and staging areas.

#### **Literature Review**

A list of sensitive wildlife and plant species potentially occurring within the BSA was compiled to evaluate potential impacts resulting from the proposed project. Sources used to compile the list include the California Natural Diversity Data Base ([CNDDB 2024) and the California Native Plant Society (CNPS) Online Edition (2024), referencing the Copperopolis and New Melones Dam 7.5-Minute United States Geologic Survey (USGS) quadrangles, and the USFWS IPaC Trust Resources Report (2024) referencing the BSA. The individual lists are included in Attachment C.

The special-status species lists obtained from the CNDDB, CNPS, and USFWS were reviewed to determine which species could potentially occur within the BSA.

#### **Field Surveys**

The studies required to document the environmental conditions of the BSA included general biological surveys and vegetation mapping.

#### **Environmental Setting**

#### **General Setting Information**

The BSA is located along Little John Road that follows a relatively flat topography south until reaching a hilly area, extending across a small earthen dam and along a small creek. The elevation ranges approximately 800 to 900 feet above mean sea level. Lands surround the BSA are also generally hilly, becoming more mountainous to the east.

#### **Vegetation Communities and Land Uses**

Vegetation communities in the BSA (see Figure 3 in Attachment A) were classified in accordance with a Manual of California Vegetation Online version (CNPS 2024), as appropriate, and include: blue oak woodlands, cattail marshes, as well as developed and landscaped areas (roads and golf course). The dominant plants in the BSA consist of blue oak (*Quercus douglasii*), coastal live oak (*Quercus agrifolia*), Fremont cottonwood (*Populus fremontii*), broadleaf cattail (*Typha latifolia*), and various brome (*Bromus* sp.) species.

Species names follow the standard nomenclature presented in The Jepson Manual: Vascular Plants of California (Baldwin, B. G., et. al., editors 2012) and the Jepson Online Interchange for California Floristics (Jepson eFlora 2016). A comprehensive list of plant and wildlife species observed is provided in Attachment D.

#### **Aquatic Resources**

Aquatic resources in the BSA included several ephemeral or intermittent drainages that crossed beneath Little John Road and areas of cattail marsh associated with golf course ponds.

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

Due to the location of the majority of the BSA adjacent to Little John Road and the remaining sections located on a golf course and an old dirt road alignment behind home sites, the BSA does not provide suitable habitat for special-status species. However, the blue oak woodland and forest community in the BSA could provide habitat for nesting birds, which are protected by the MBTA and Section 3503 of the California Fish and Game.

No special-status species were observed in the BSA during the November 2024 surveys.



### **Potential Impacts**

This section provides a discussion of the potential project impacts to biological resources that could occur with implementation of the proposed project. For purposes of this section, the impact area consists of the project footprint. The determination of impacts is based on the biological resources present, or reasonably likely to be present, in the BSA as described herein.

Project implementation would result in minimal to no impacts to biological resources. The BSA consists of low-quality habitat along Little John Road and Copper Valley Golf Course. The project would not impact aquatic resources and no special-status wildlife or plants would be impacted. The project could potentially impact nesting birds if an active nest is present within or near the project footprint when construction begins.

#### **Recommended Avoidance and Minimization Measures**

- 1. Prior to the start of work, the limits of aquatic resources in the BSA, as determined by a qualified biologist, shall be protected with high visibility fencing that will be maintained in good condition through the duration of construction.
- 2. The project alignment shall be adjusted where needed to avoid removing native trees. If the alignment encroaches within the dripline of a native tree, any roots 2 inches in diameter or larger that will be impacted shall be cut at a 90-degree angle with a sharp saw.
- 3. All disturbed areas shall be restored to pre-construction contours and revegetated, either through hydroseeding or other means, with native or approved non-invasive exotic species.

The following measures are recommended to reduce potential impacts to nesting birds in the BSA and surrounding areas, if present when construction begins.

- 4. If possible, complete vegetation removal and ground disturbance during the non-breeding season (September 1 through January 31).
- 5. If vegetation removal and/or ground disturbance is scheduled during the nesting season (February 1 to August 31), a preconstruction survey for nesting birds shall be conducted by a qualified biologist within 7 days from the start of construction activities. The survey shall be conducted within the project impact area and a 250-foot radius.
- 6. If the preconstruction survey does not identify any active nests, work may proceed.
- 7. If the preconstruction survey identifies any active nests, an appropriate no-work buffer shall be established by a qualified biologist. The size of the buffer shall be determined based on the proximity of the active nest to work activities, ambient noise levels, and other factors determined relevant by the qualified biologist (e.g., line of sight). The no-work buffer zone shall be delineated by highly visible temporary construction fencing, which shall remain in place and maintained in good condition until the nest is no longer active, as determined by a qualified biologist.

#### References

- Baldwin, B.G., et. al. 2012. The Jepson manual: Vascular plants of California, second edition. University of California Press, Berkeley, CA.
- CNPS. 2024. A Manual of California Vegetation, Online Edition. <u>http://www.cnps.org/cnps/vegetation/;</u> searched on November 18, 2024. California Native Plant Society, Sacramento, CA
- Jepson Online Interchange for California Floristics (Jepson eFlora 2016). https://ucjeps.berkeley.edu/interchange/.
- Sawyer, J. O., T. Keeler-Wolf, and J. M. Evens, 2009. A Manual of California Vegetation. California. 2nd Edition. Native Plant Society Press. Sacramento, CA.



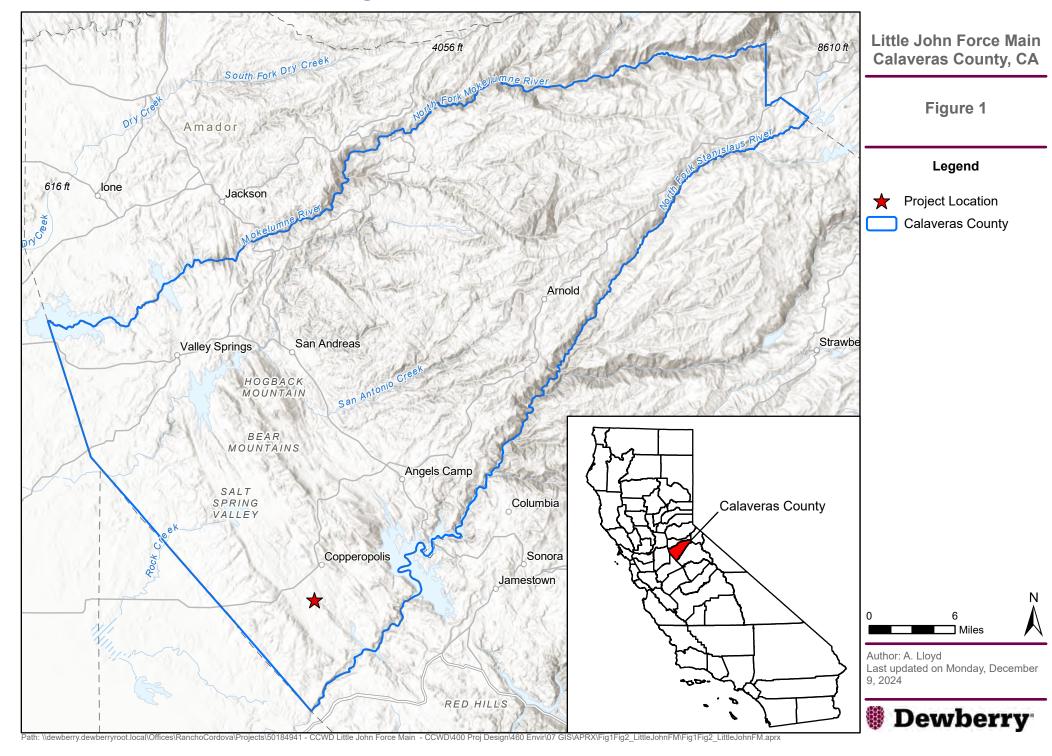
## Attachments

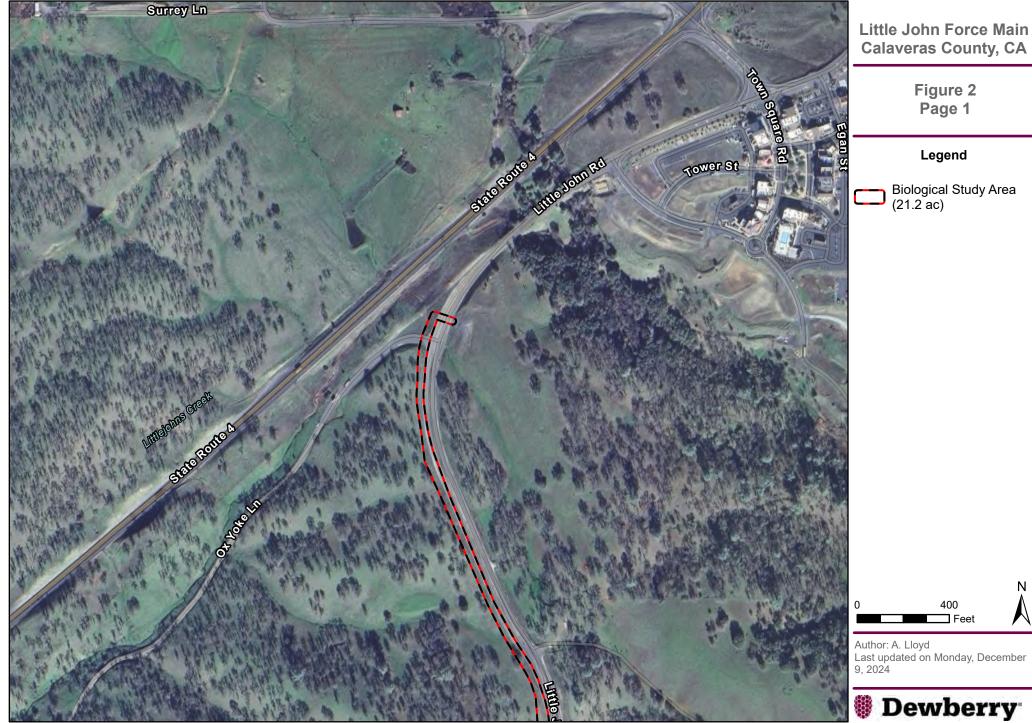
## 1. Attachment A Figures:

- a. Figure 1 Regional Location
- b. Figure 2 Project Location
- c. Figure 3 Vegetation Communities and Land Uses

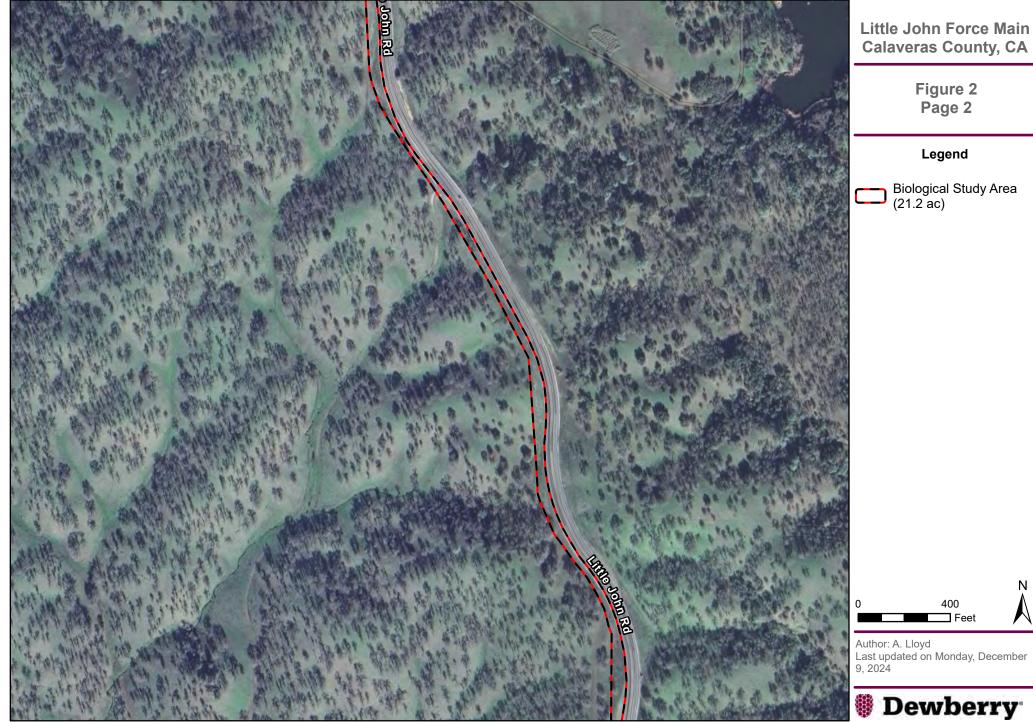
Dewberry

## **Regional Location**



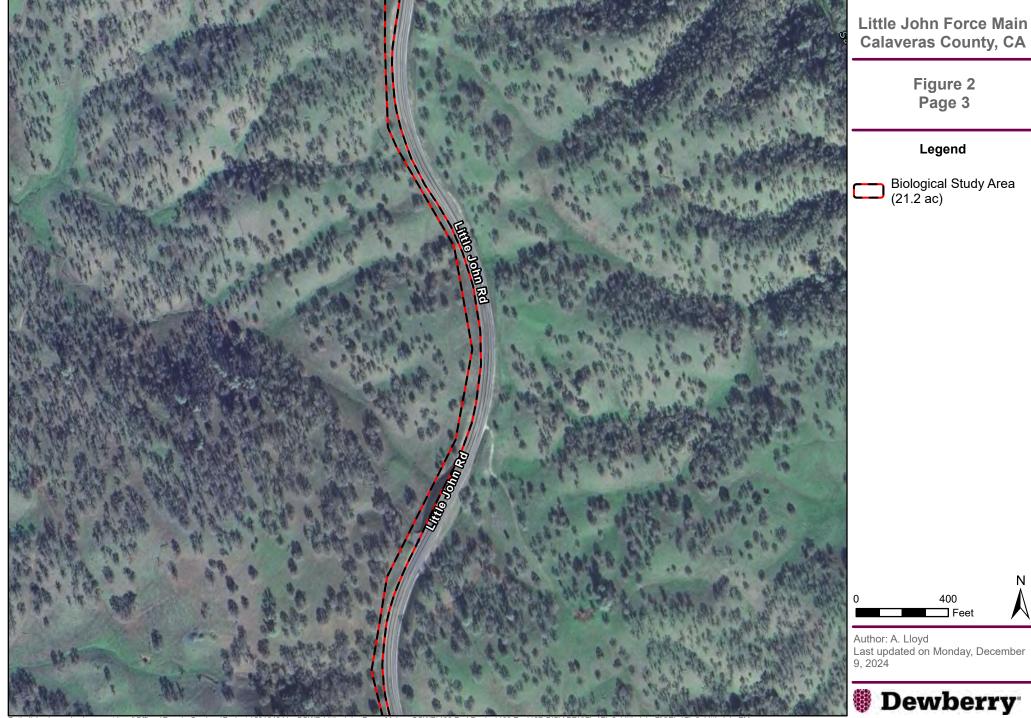


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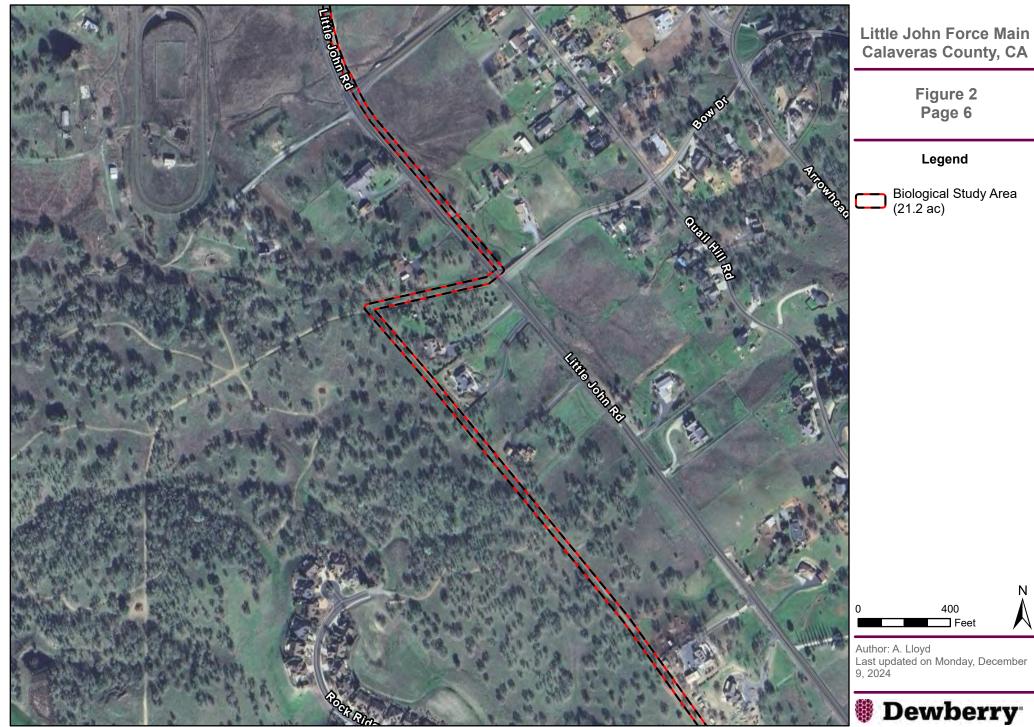


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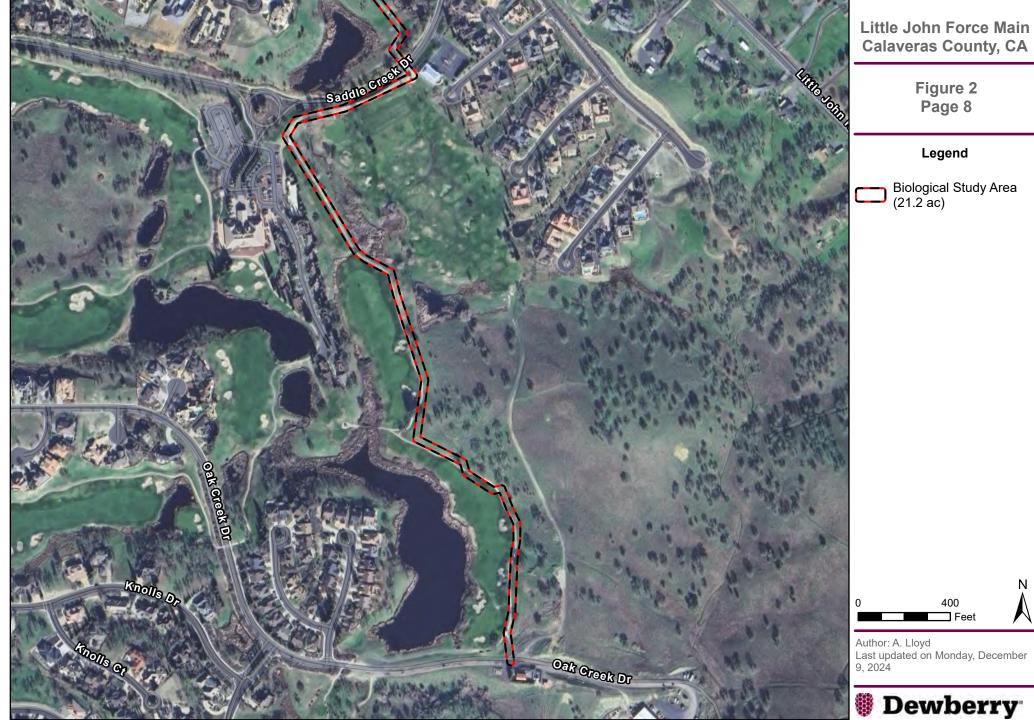
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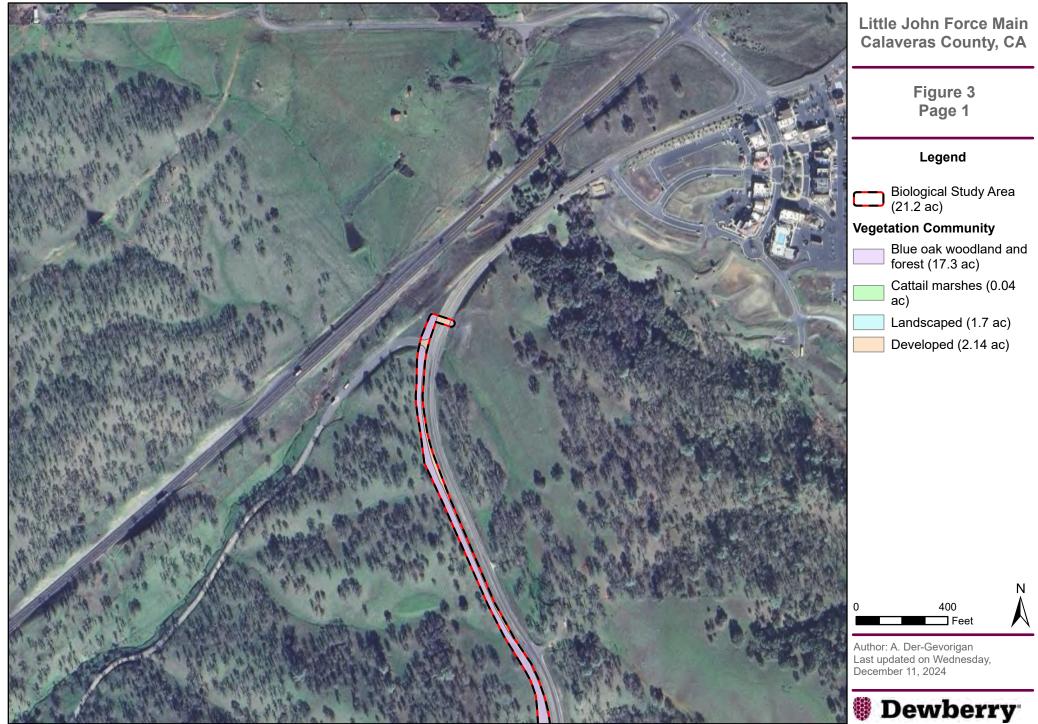


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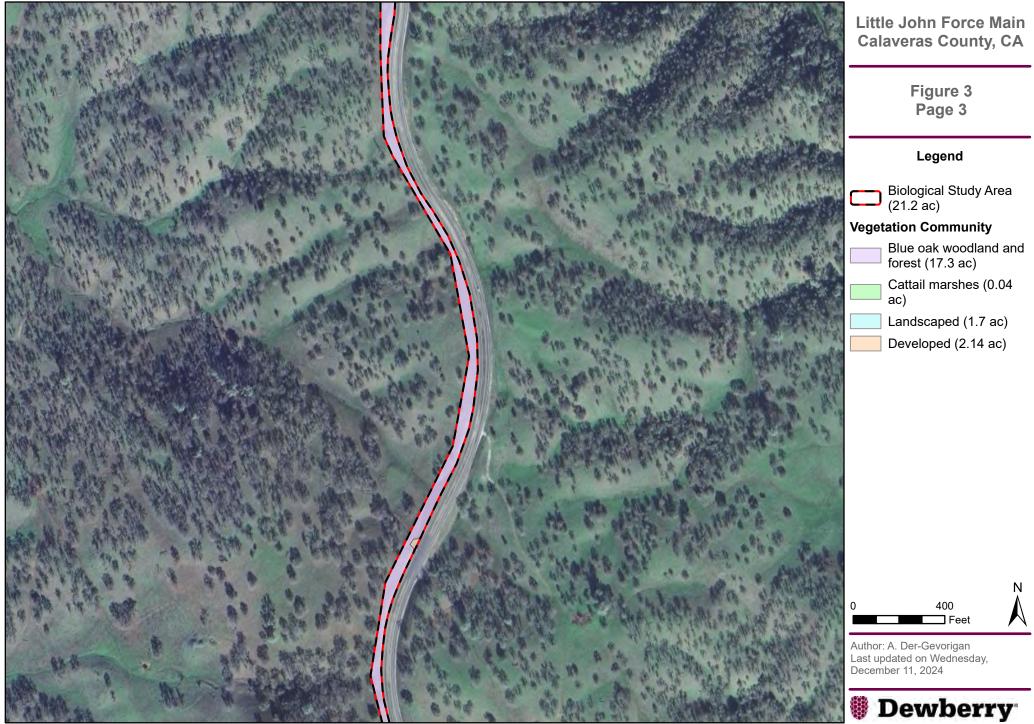
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# **Vegetation Communities and Land Uses**



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# **Vegetation Communities and Land Uses**



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# **Vegetation Communities and Land Uses**



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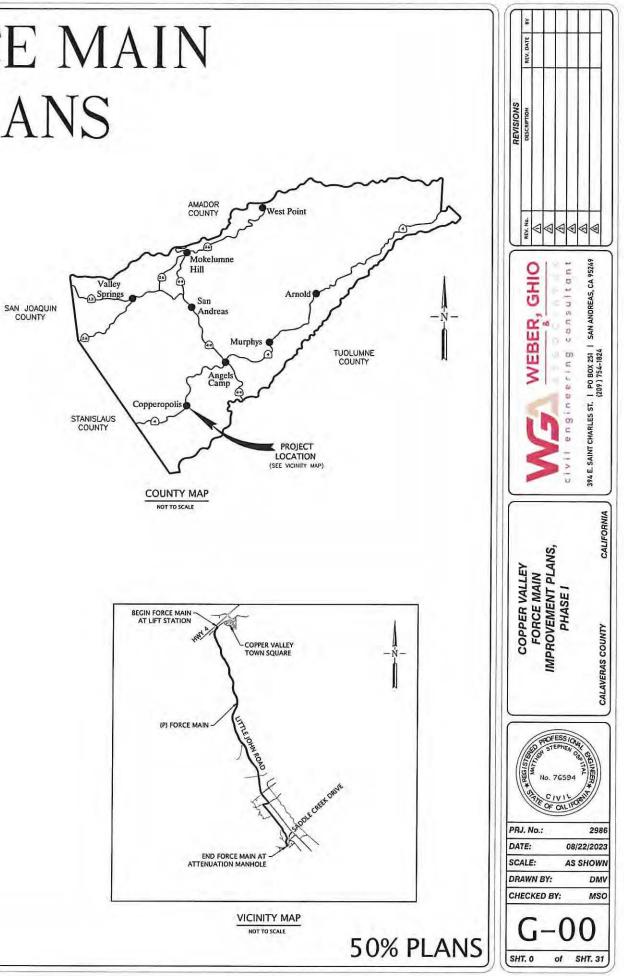
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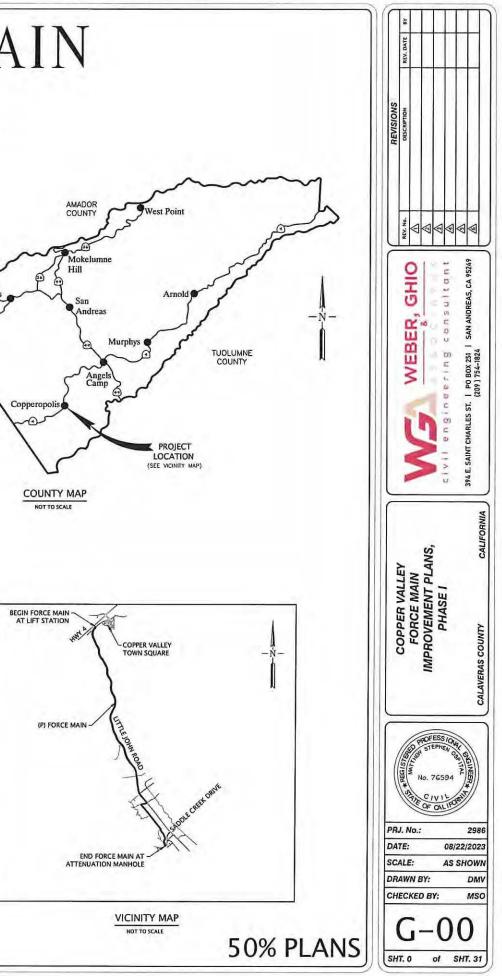
Dewberry

# **COPPER VALLEY FORCE MAIN IMPROVEMENT PLANS**

# PHASE I

COPPEROPPOLIS, CA CALAVERAS COUNTY AUGUST 2023





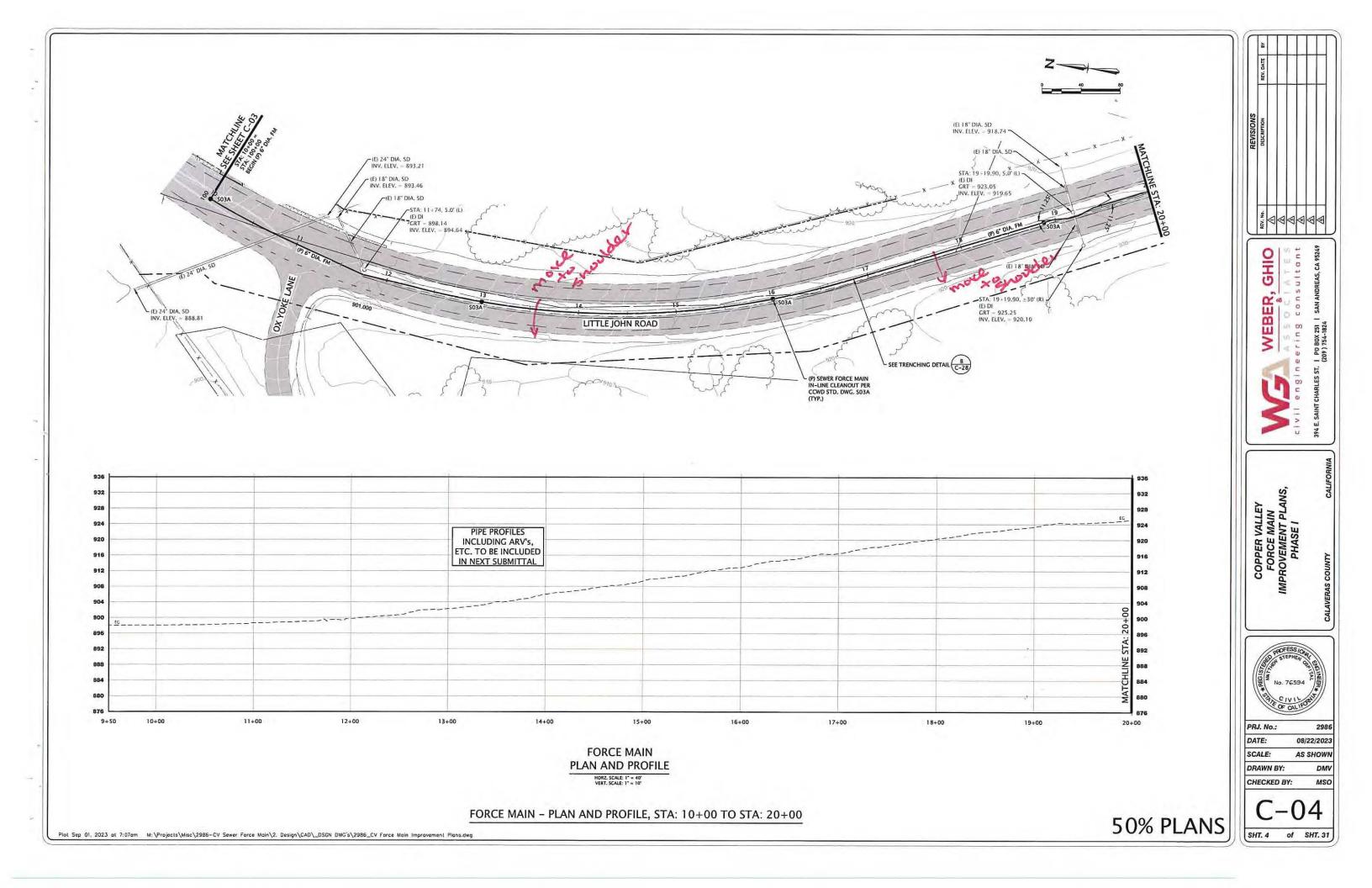
#### CIVIL SHEET INDEX:

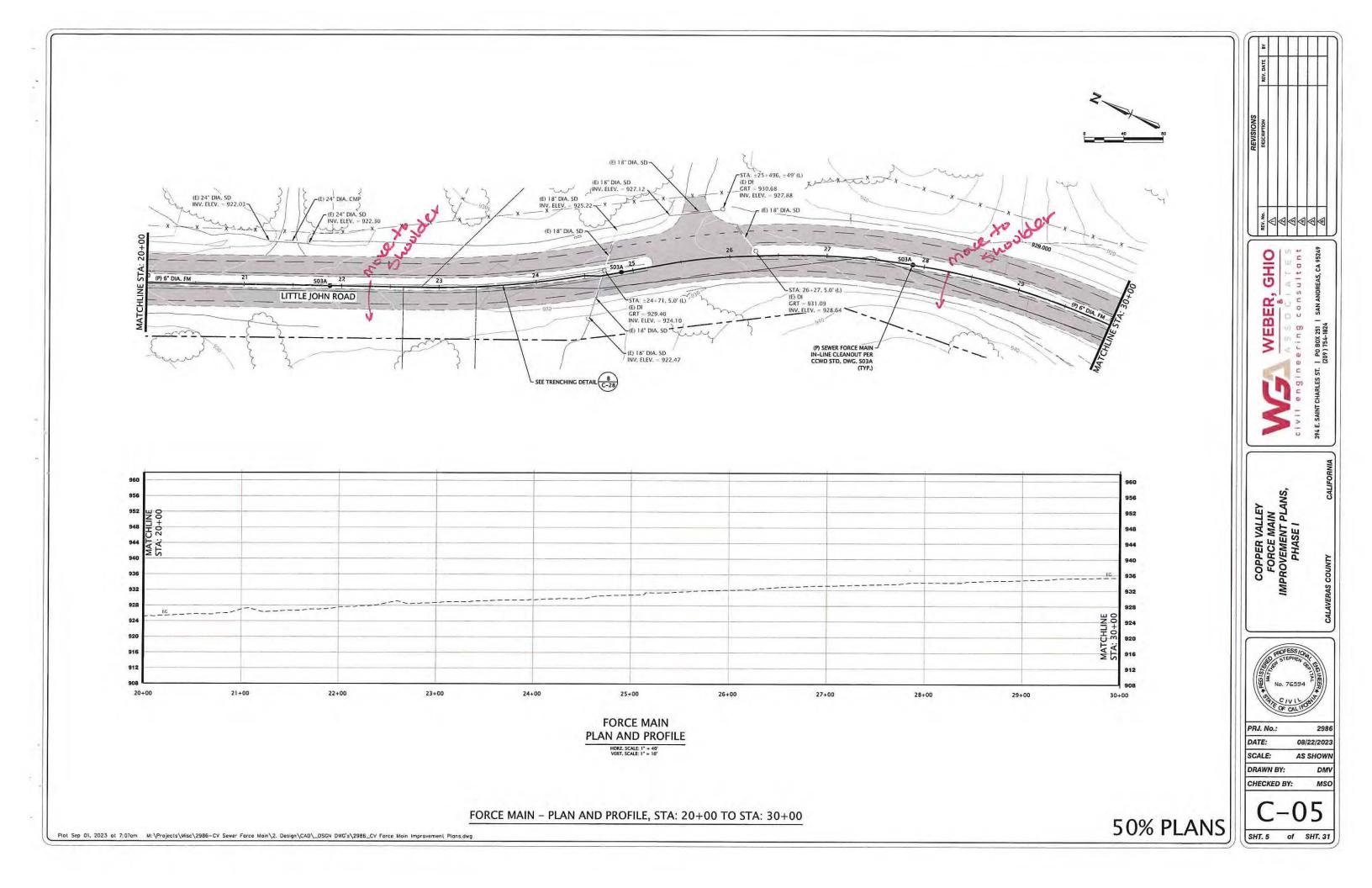
G-00	TITLE SHEET, VICINITY MAP & LOCATION MAP
C-01	CIVIL GENERAL NOTES, ABBREVIATIONS, LEGENDS & SYMBOLS
C-02	KEY MAP BASIS OF SURVEY
C-03	LIFT STATION - ACCESS ROAD IMPROVEMENT PLAN
C-04	FORCE MAIN - PLAN AND PROFILE, STA: 10+00 TO STA: 20+00
C-05	FORCE MAIN - PLAN AND PROFILE, STA: 20+00 TO STA: 30+00
C-06	FORCE MAIN - PLAN AND PROFILE, STA: 30+00 TO STA: 40+00
C-07	FORCE MAIN - PLAN AND PROFILE, STA: 40+00 TO STA: 50+00
C-08	FORCE MAIN - PLAN AND PROFILE, STA: 50+00 TO STA: 60+00
C-09	FORCE MAIN - PLAN AND PROFILE, STA: 60+00 TO STA: 70+00
C-10	FORCE MAIN - PLAN AND PROFILE, STA: 70+00 TO STA: 80+00
C-11	FORCE MAIN - PLAN AND PROFILE, STA: 80+00 TO STA: 90+00
C-12	FORCE MAIN - PLAN AND PROFILE, STA: 90+00 TO STA: 100+00
C-13	FORCE MAIN - PLAN AND PROFILE, STA: 100+00 TO STA: 110+00
C-14	FORCE MAIN - PLAN AND PROFILE, STA: 110+00 TO STA: 120+00
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C-18	FORCE MAIN - PLAN AND PROFILE, STA: 150+00 TO STA: 160+00
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C-22	FORCE MAIN - PLAN AND PROFILE, STA: 190+00 TO STA: 200+00
C-23	FORCE MAIN - PLAN AND PROFILE, STA: 200+00 TO STA: 210+00
C-24	FORCE MAIN - PLAN AND PROFILE, STA: 210+00 TO STA: 220+00
C-25	FORCE MAIN – PLAN AND PROFILE, STA: 220+00 TO STA: 224+00 AND ATTENUATION MANHOLE SITE IMPROVEMENT PLAN
C-26	LIFT STATION PLAN AND PROFILE
C-27	LIFT STATION DETAILS
C-28	CIVIL DETAILS
C-29	CONTROL BUILDING PLAN AND ELEVATIONS
C-30	CONTROL BUILDING DETAILS

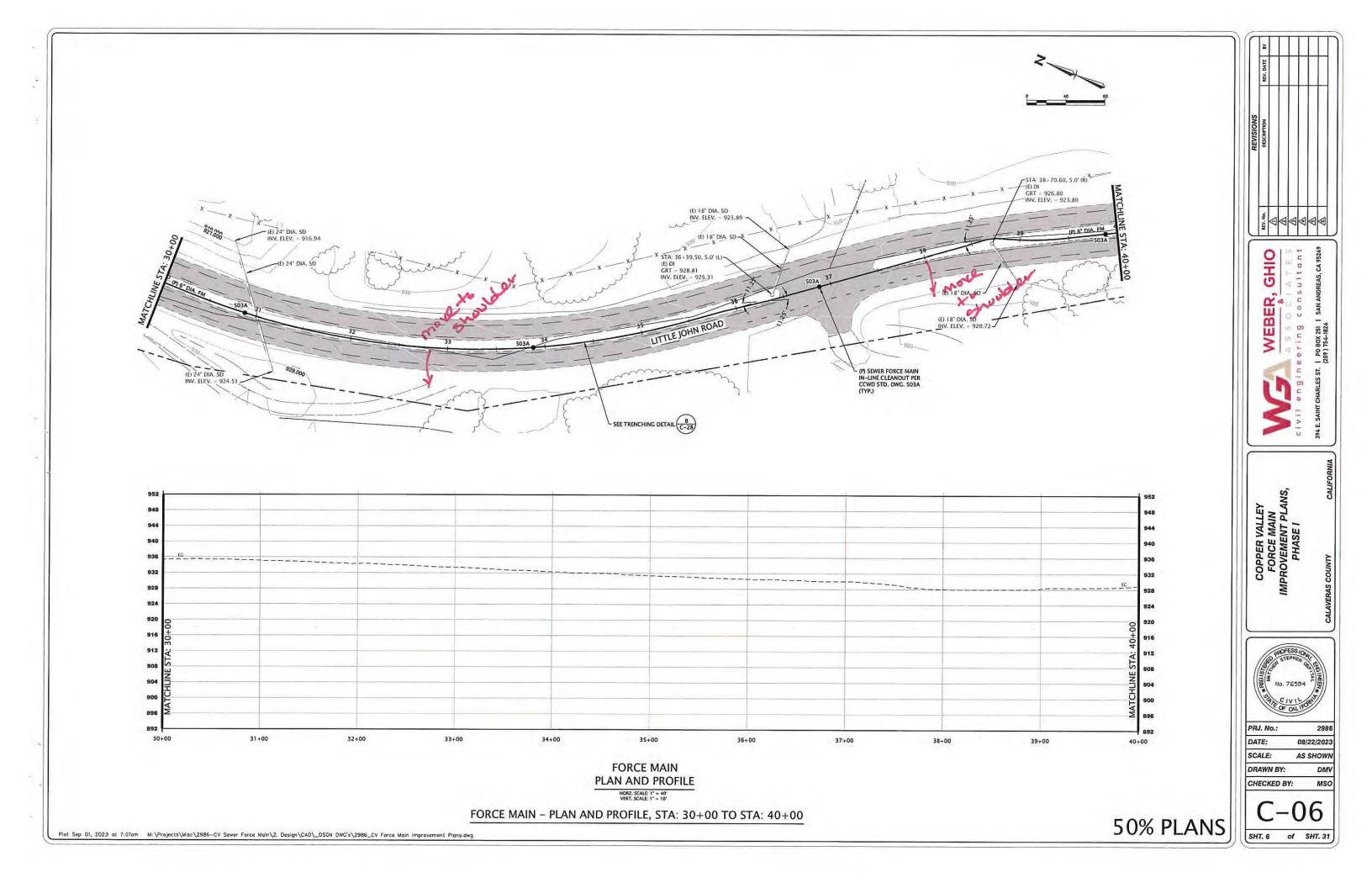
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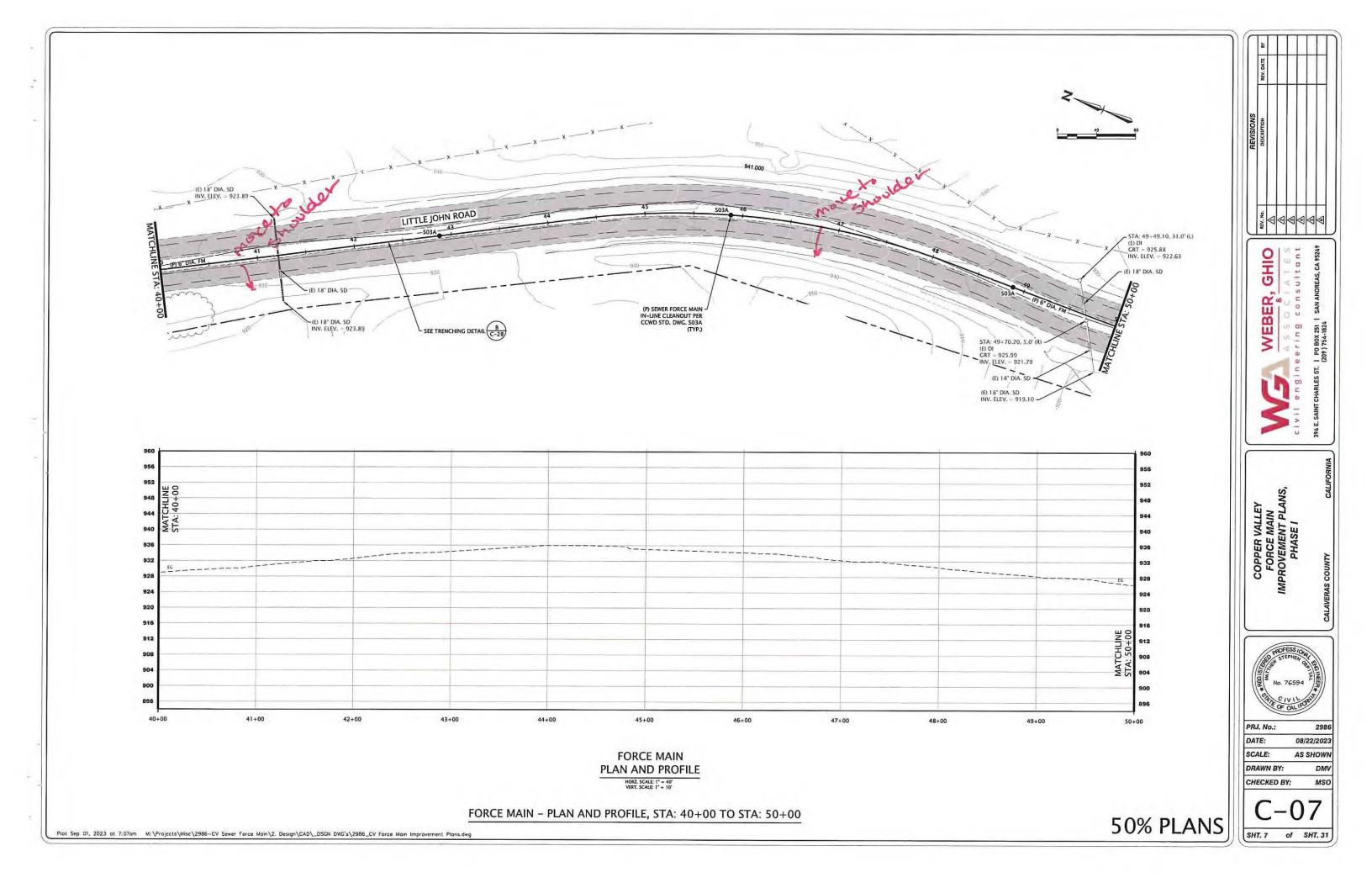
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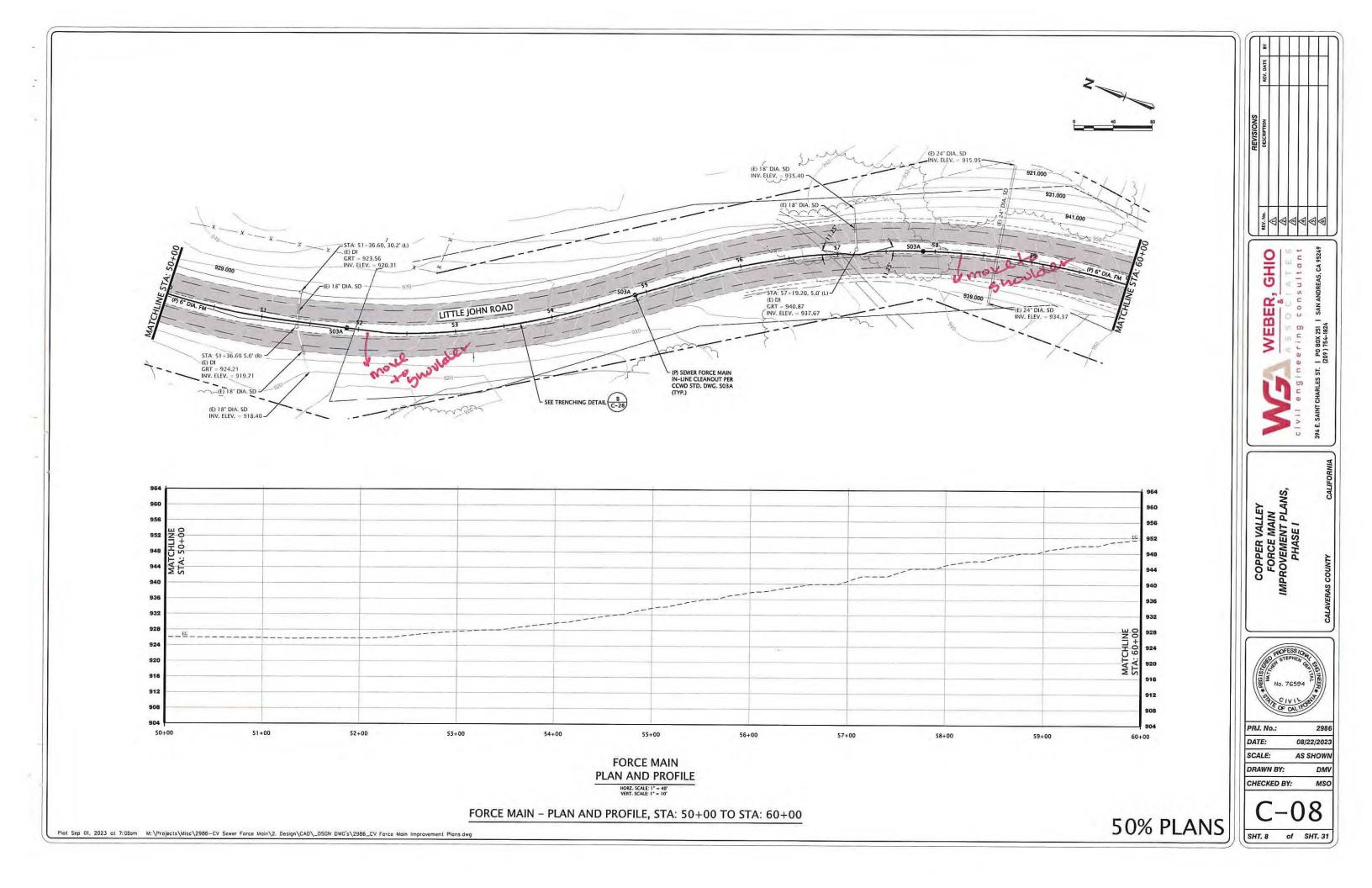
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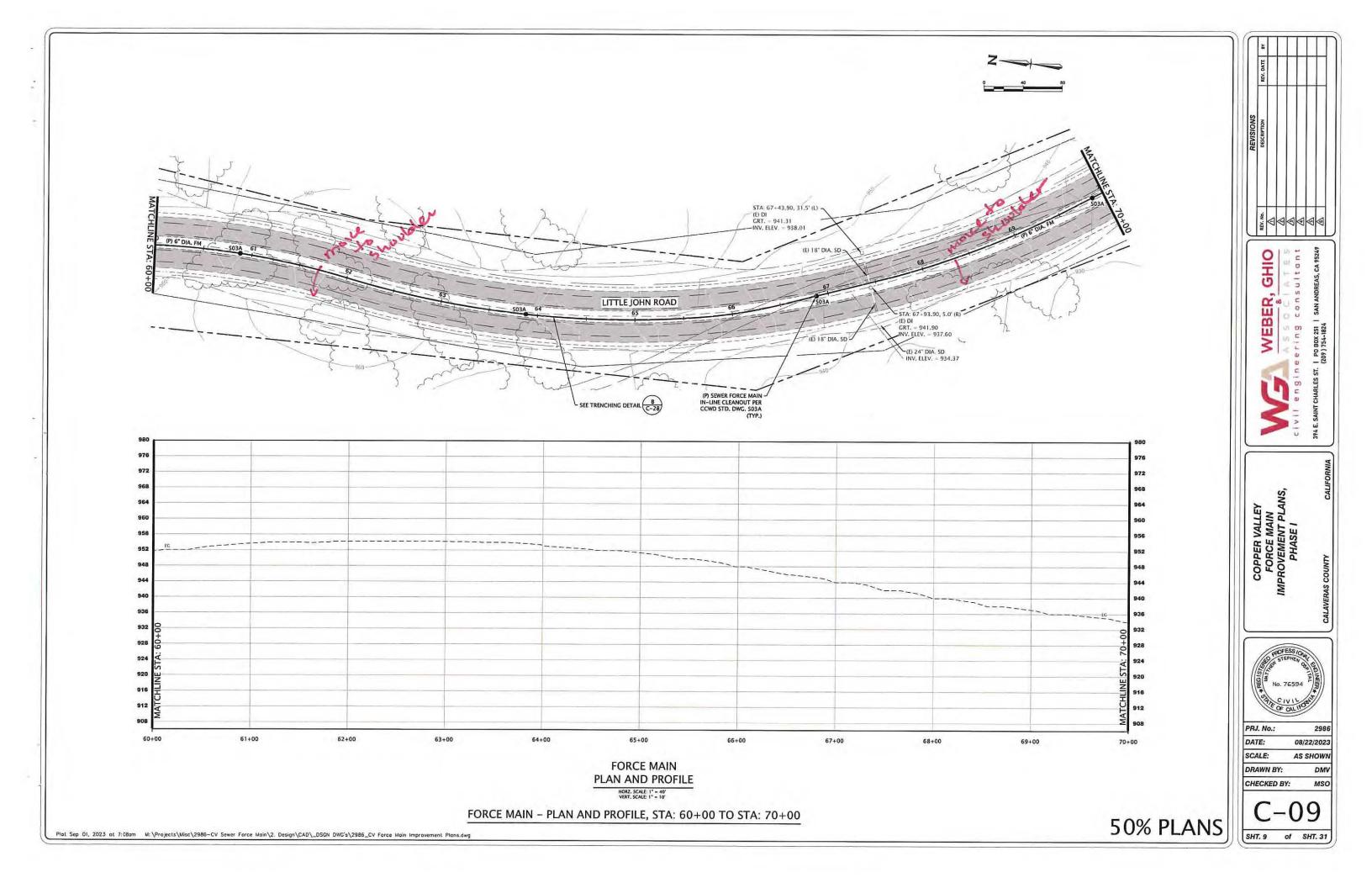


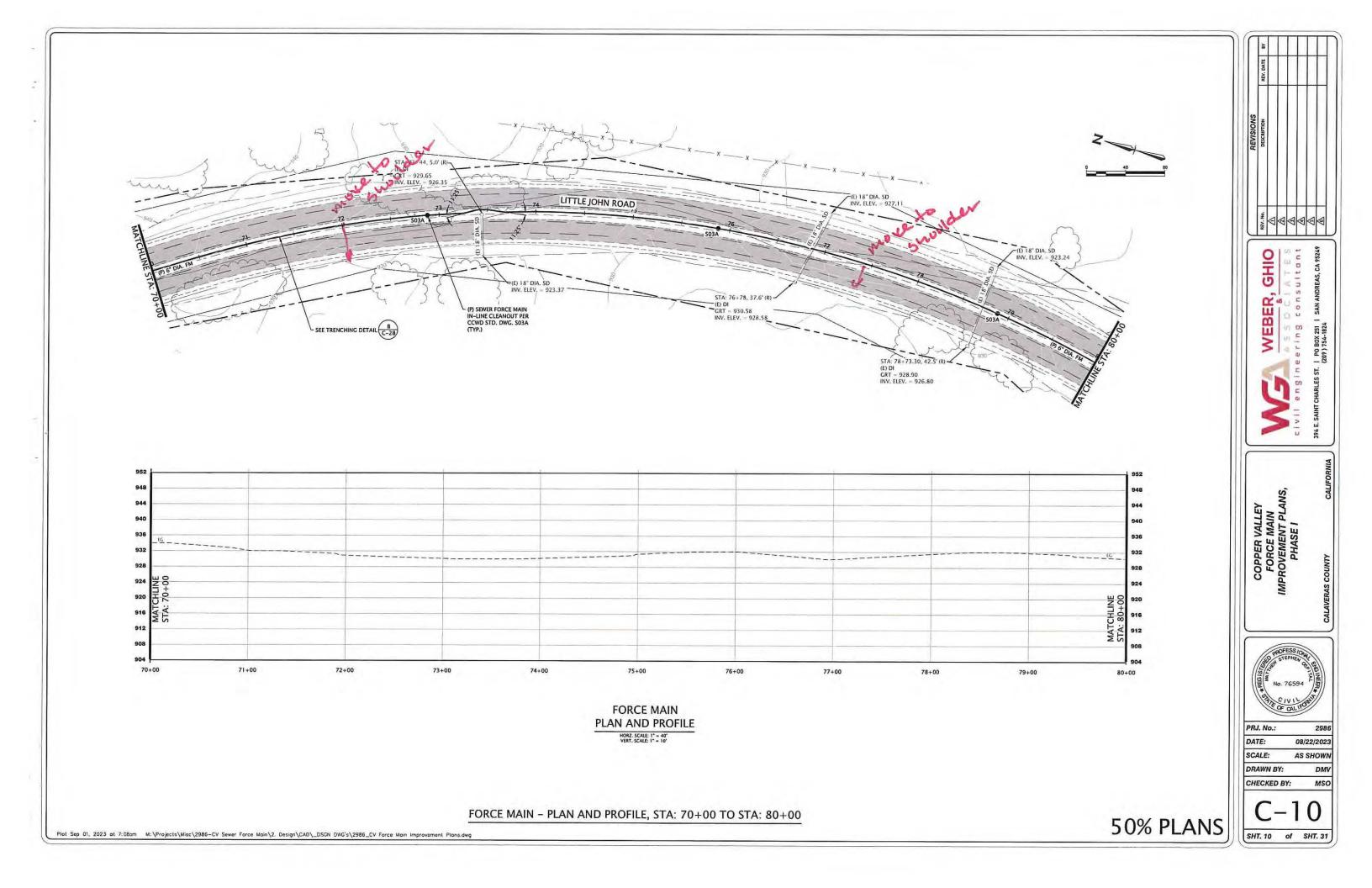


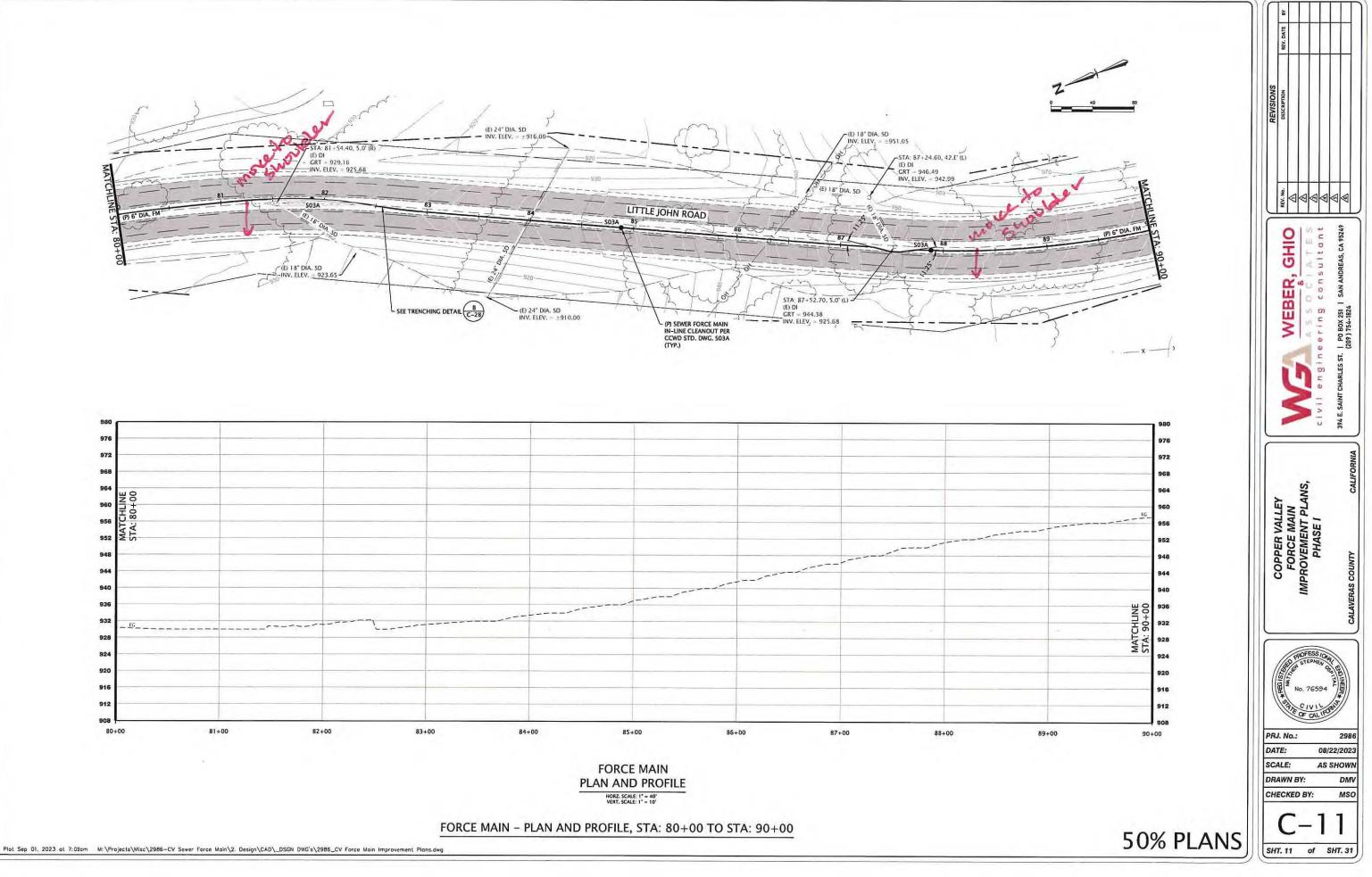


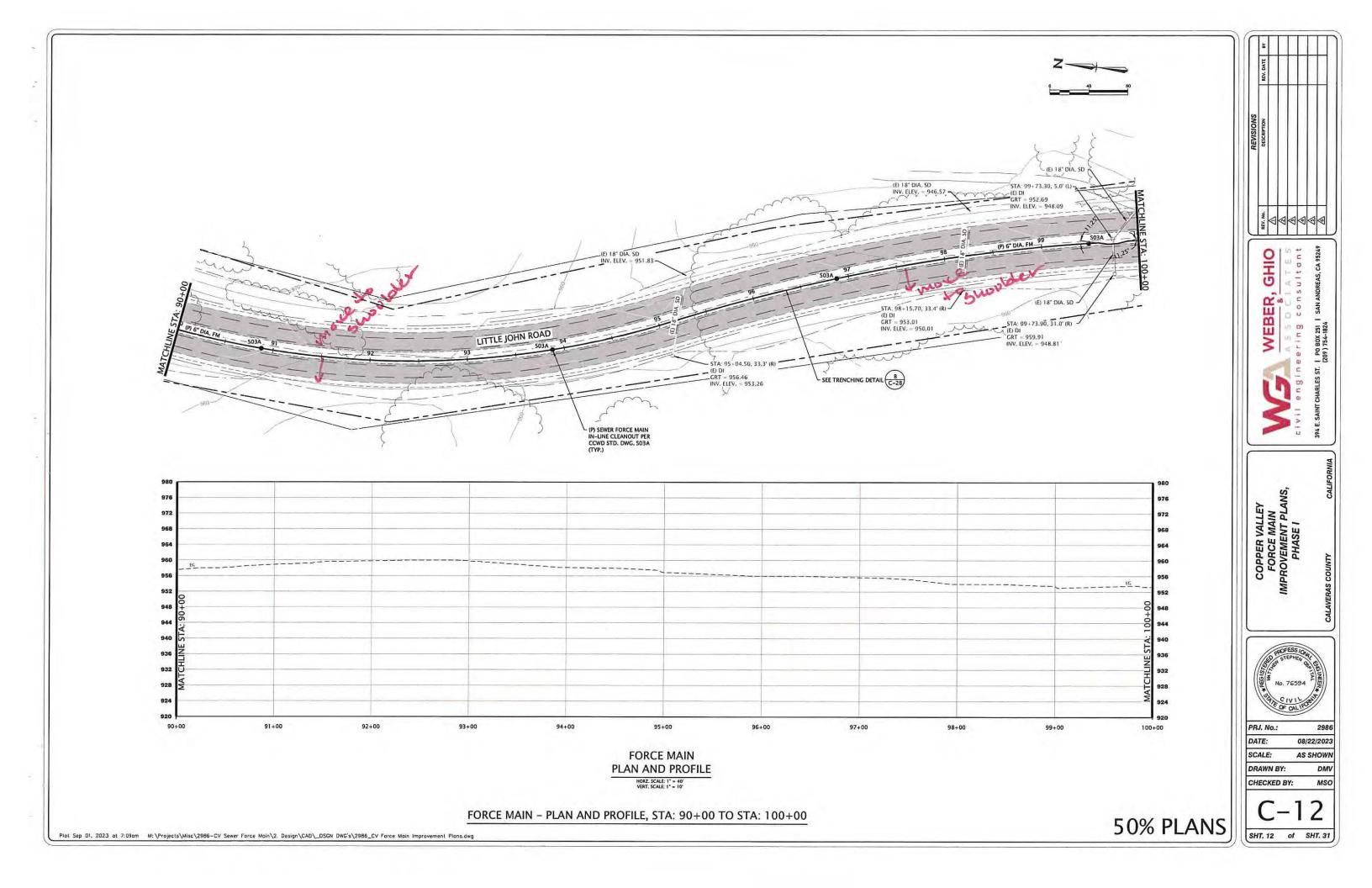


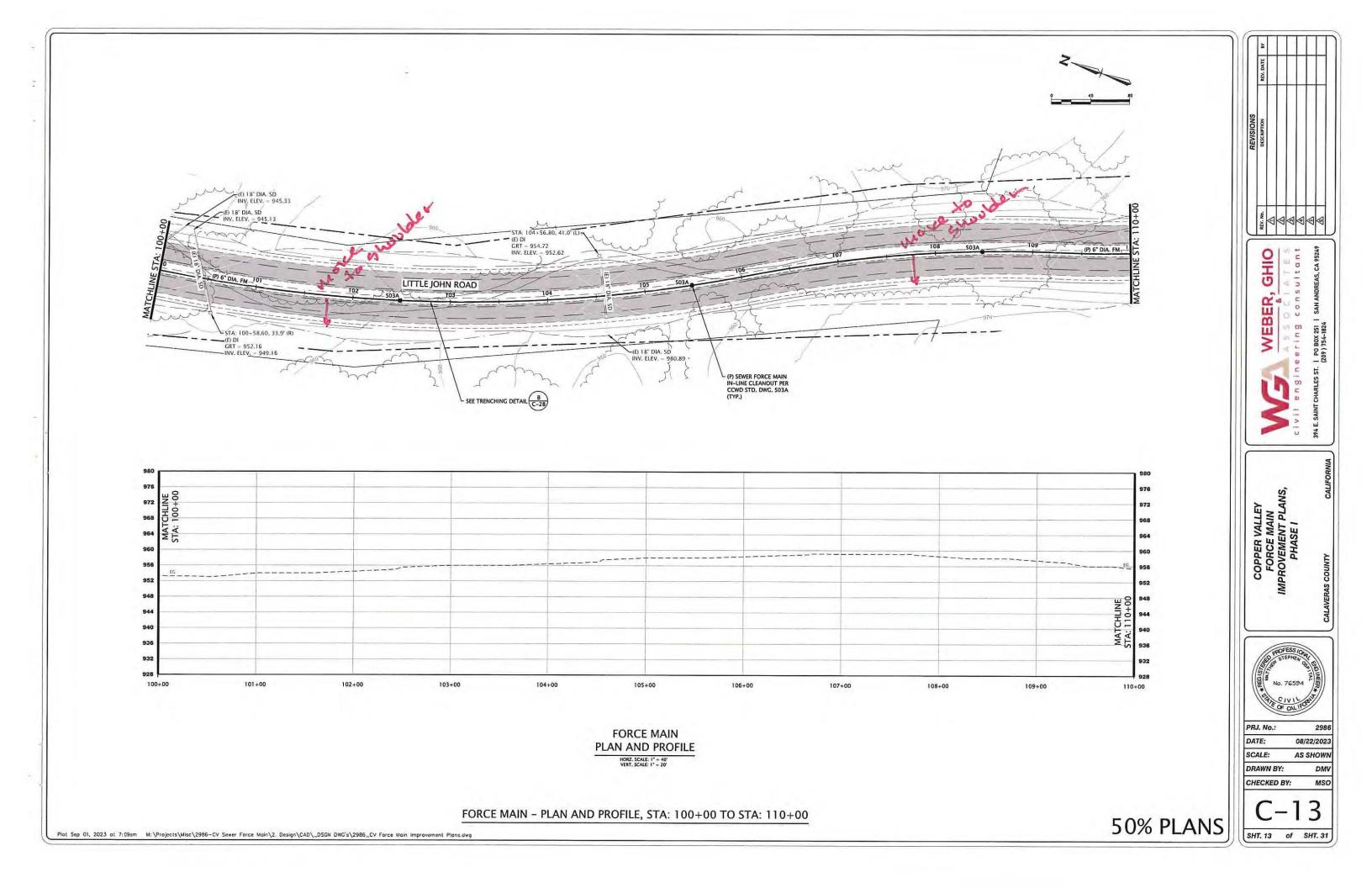


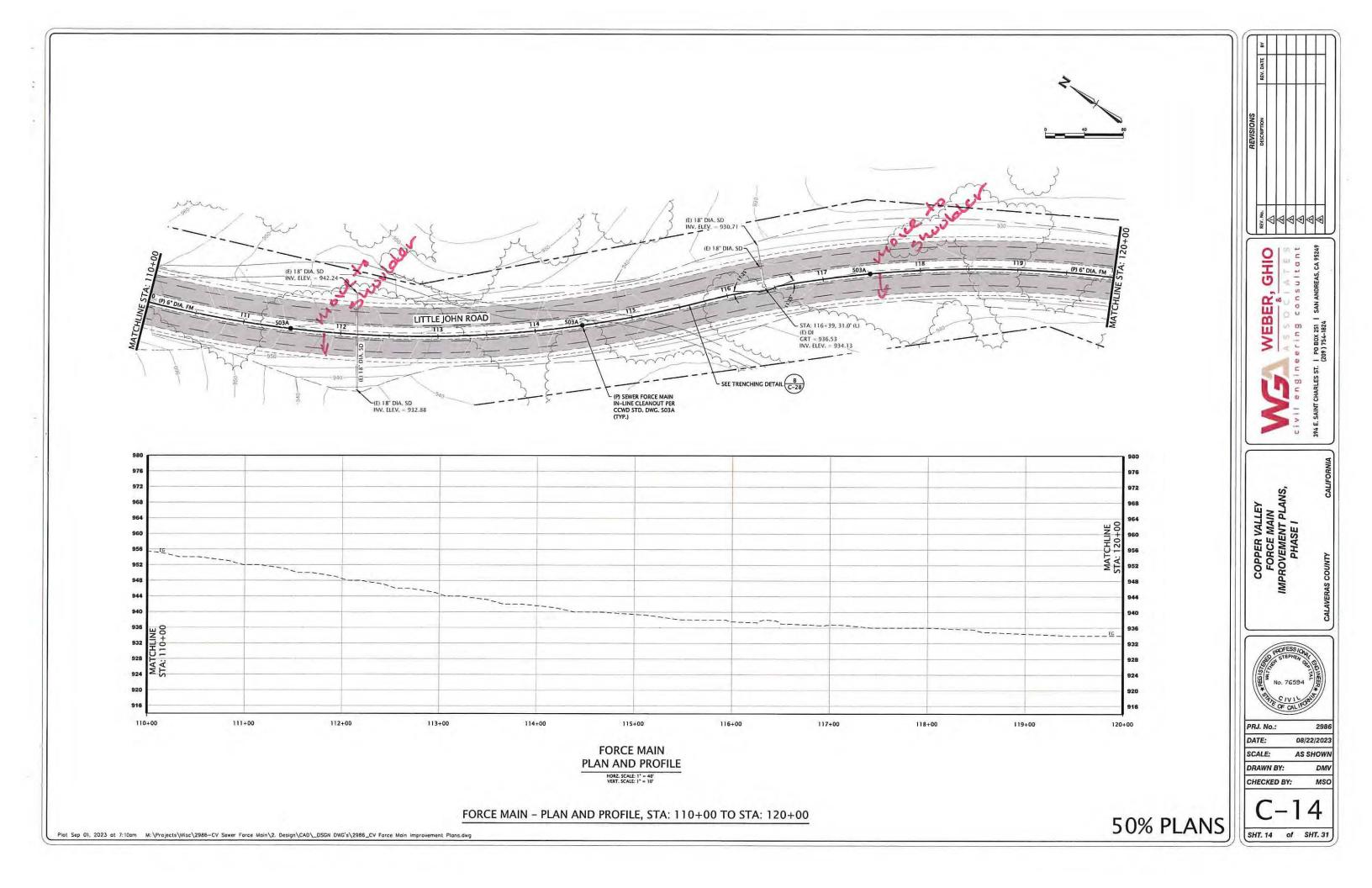


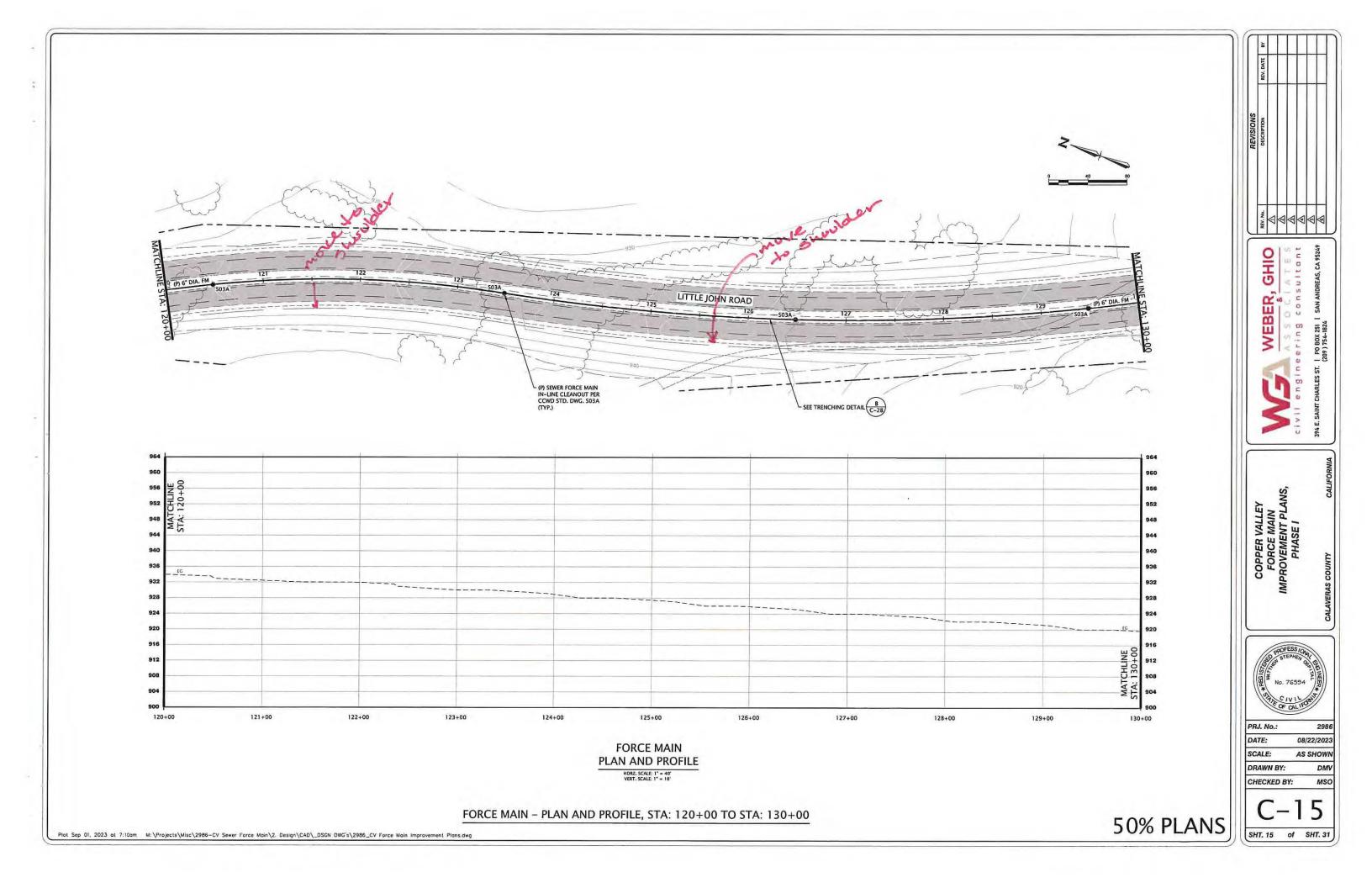


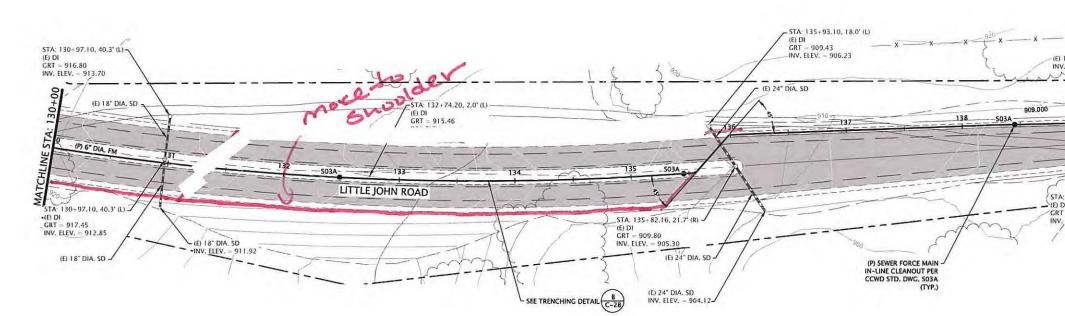










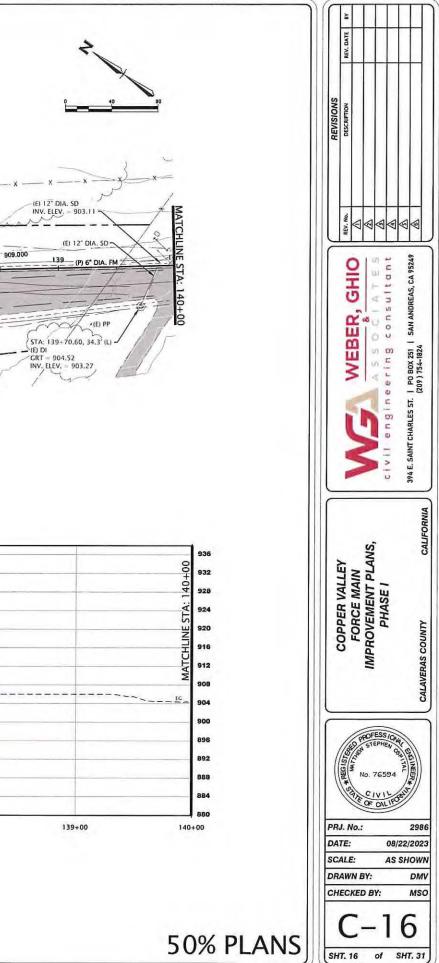


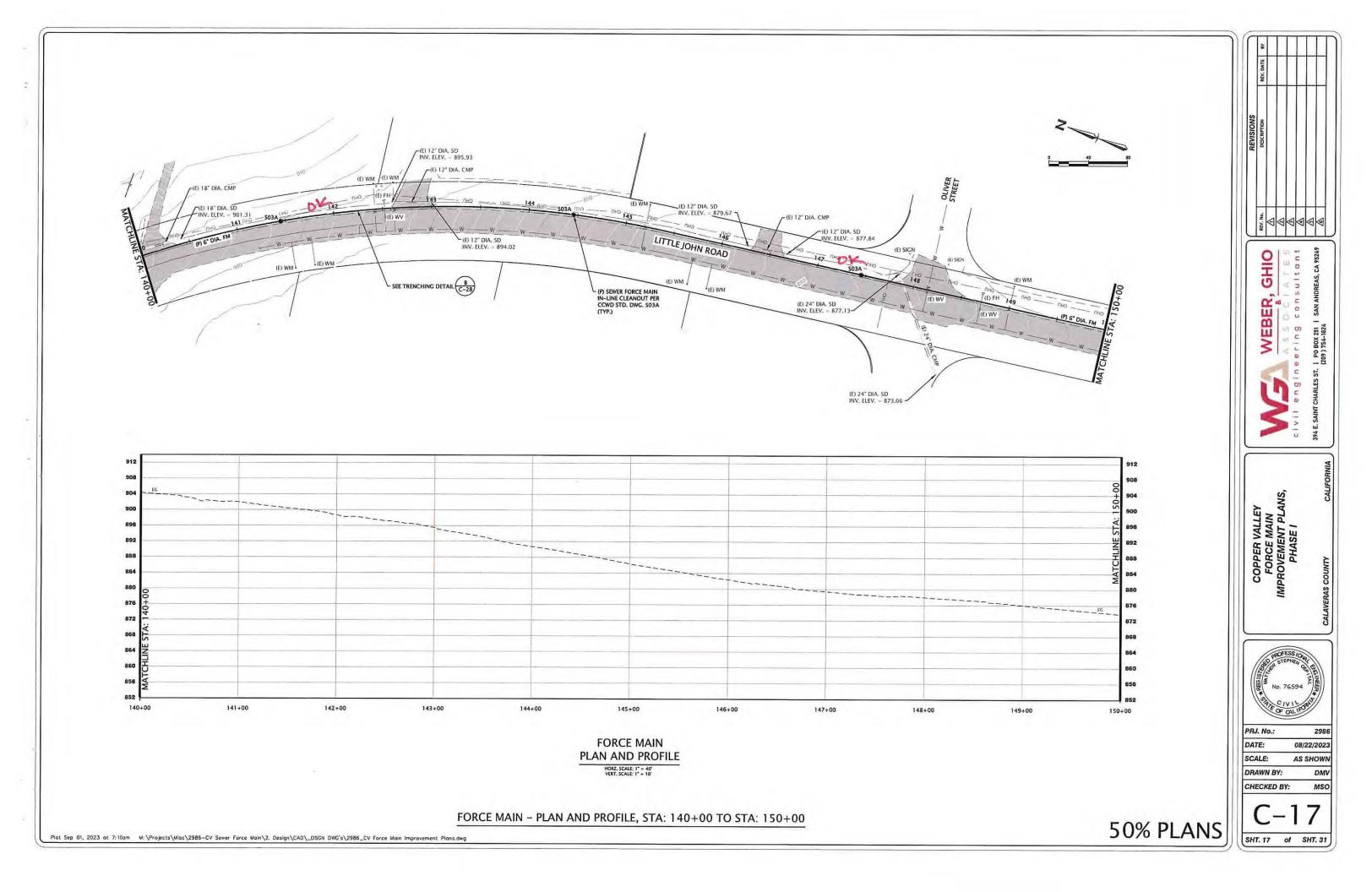


HORZ. SCALE: 1" = 40' VERT. SCALE: 1" = 10'

FORCE MAIN - PLAN AND PROFILE, STA: 130+00 TO STA: 140+00

Plot Sep 01, 2023 at 7:10am M: \Projects\Misc\2986-CV Sewer Farce Main\2. Design\CAD\\_DSGN DWG's\2986\_CV Force Main Improvement Plans.dwg





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152+00

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(P) SEWER FORCE MAIN IN-LINE CLEANOUT PER CCWD STD. DWG. S03A (TYP.)

(E) WM

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(E) WM

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E) WN

153

S03A

- W

LITTLE JOHN ROAD

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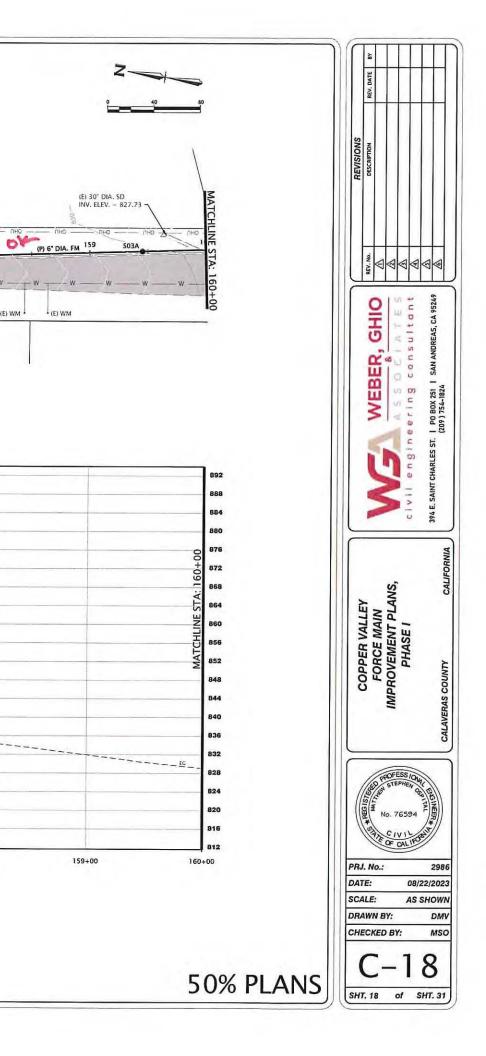
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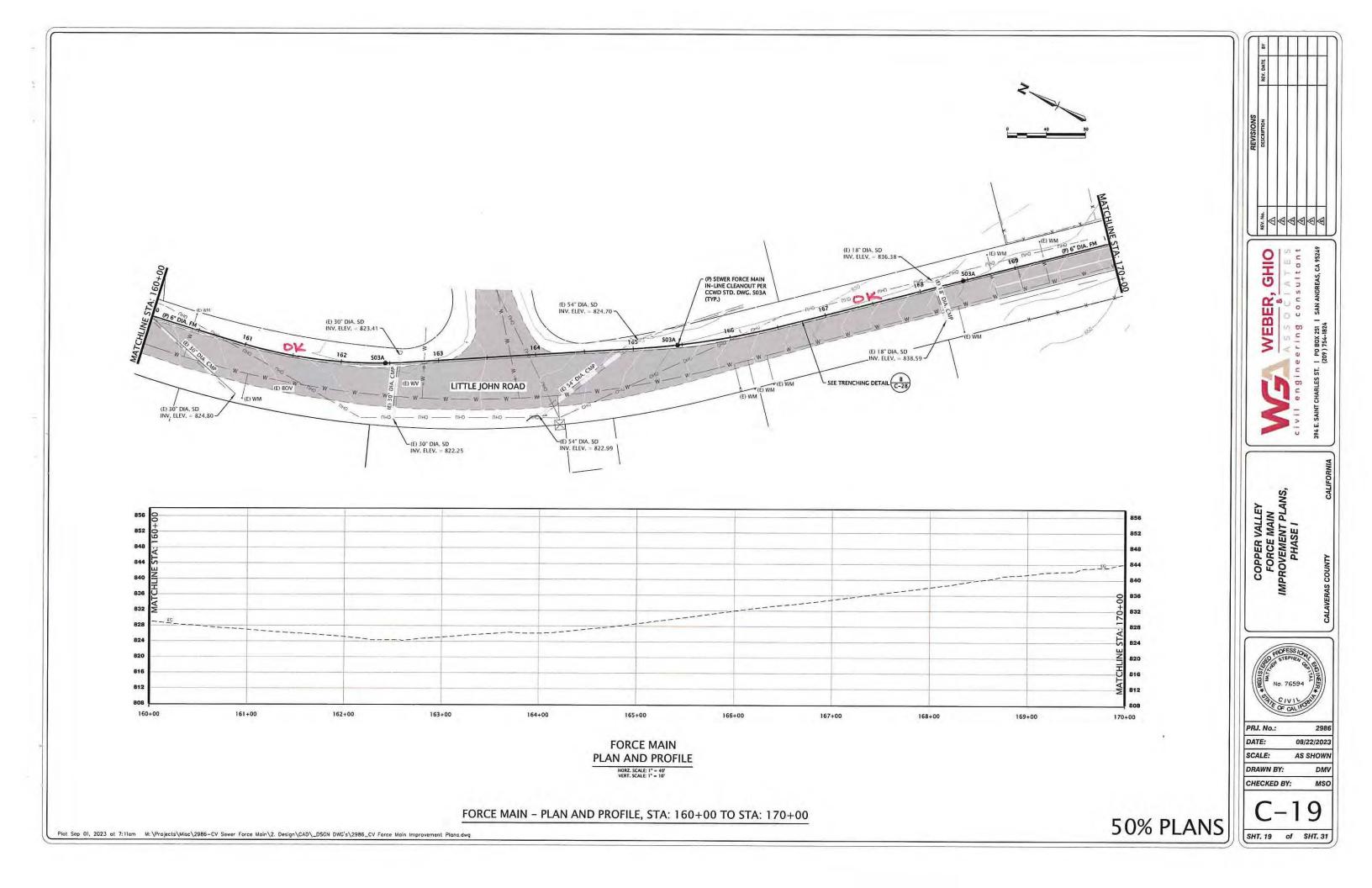
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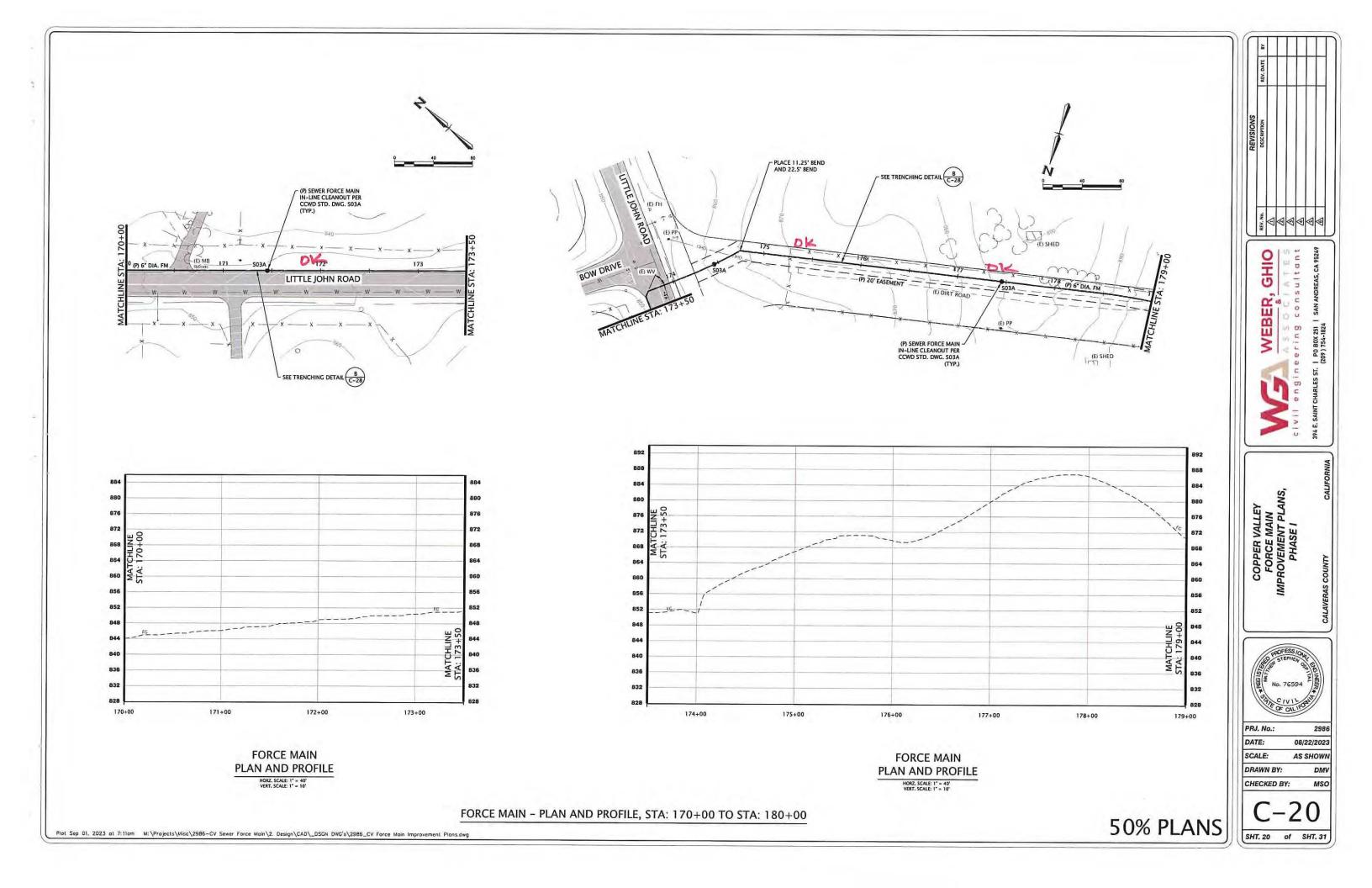
FORCE MAIN

FORCE MAIN - PLAN AND PROFILE, STA: 150+00 TO STA: 160+00

155+00







3. Attachment C Species Lists:

Dewberry





#### California Natural Diversity Database

Query Criteria: Quad<span style='color:Red'> IS </span>(New Melones Dam (3712085)<span style='color:Red'> OR </span>Knights Ferry (3712076)<span style='color:Red'> OR </span>Copperopolis (3712086)<span style='color:Red'> OR </span>Copperopolis (3712086)<span style='color:Red'> OR </span>Salt Spring Valley (3812016)<span style='color:Red'> OR </span>Angels Camp (3812015)<span style='color:Red'> OR </span>Oakdale (3712077)<span style='color:Red'> OR </span>Bachelor Valley (3712087)<span style='color:Red'> OR </span>Jenny Lind (3812017))

Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
Acipenser medirostris pop. 1	AFCAA01031	Threatened	None	G2T1	S1	SSC
green sturgeon - southern DPS						
Actinemys marmorata	ARAAD02031	Proposed	None	G2	SNR	SSC
northwestern pond turtle		Threatened				
Agelaius tricolor	ABPBXB0020	None	Threatened	G1G2	S2	SSC
tricolored blackbird						
Agrostis hendersonii	PMPOA040K0	None	None	G2Q	S2	3.2
Henderson's bent grass						
Allium tuolumnense	PMLIL022W0	None	None	G2	S2	1B.2
Rawhide Hill onion						
Ambystoma californiense pop. 1	AAAAA01181	Threatened	Threatened	G2G3T3	S3	WL
California tiger salamander - central California DPS						
Anodonta californiensis	IMBIV04220	None	None	G3	S2?	
California floater						
Antrozous pallidus	AMACC10010	None	None	G4	S3	SSC
pallid bat						
Athene cunicularia	ABNSB10010	None	Candidate	G4	S2	SSC
burrowing owl			Endangered			
Bombus pensylvanicus	IIHYM24260	None	None	G3G4	S2	
American bumble bee						
Branchinecta lynchi	ICBRA03030	Threatened	None	G3	S3	
vernal pool fairy shrimp						
Brodiaea pallida	PMLIL0C0C0	Threatened	Endangered	G1	S1	1B.1
Chinese Camp brodiaea						
Buteo swainsoni	ABNKC19070	None	Threatened	G5	S4	
Swainson's hawk						
Calicina breva	ILARAU8020	None	None	G1	S1	
Stanislaus harvestman						
Calycadenia hooveri	PDAST1P040	None	None	G2	S2	1B.3
Hoover's calycadenia						
Calycadenia spicata	PDAST1P090	None	None	G3?	S3	1B.3
spicate calycadenia						
Chlorogalum grandiflorum	PMLIL0G020	None	None	G3	S3	1B.2
Red Hills soaproot						
Clarkia rostrata	PDONA050Y0	None	None	G2G3	S2S3	1B.3
beaked clarkia						



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



Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
Corynorhinus townsendii	AMACC08010	None	None	G4	S2	SSC
Townsend's big-eared bat						
Cryptantha mariposae	PDBOR0A1Q0	None	None	G2G3	S2S3	1B.3
Mariposa cryptantha						
Cryptantha spithamaea	PDBOR0A2M2	None	None	G2	S2	1B.3
Red Hills cryptantha						
Desmocerus californicus dimorphus	IICOL48011	Threatened	None	G3T3	S3	
valley elderberry longhorn beetle						
Diplacus pulchellus	PDSCR1B280	None	None	G2	S2	1B.2
yellow-lip pansy monkeyflower						
Downingia pusilla	PDCAM060C0	None	None	GU	S2	2B.2
dwarf downingia						
Eremophila alpestris actia	ABPAT02011	None	None	G5T4Q	S4	WL
California horned lark						
Erethizon dorsatum	AMAFJ01010	None	None	G5	S3	
North American porcupine						
Eryngium pinnatisectum	PDAPI0Z0P0	None	None	G2	S2	1B.2
Tuolumne button-celery						
Eryngium racemosum	PDAPI0Z0S0	None	Endangered	G1	S1	1B.1
Delta button-celery						
Eryngium spinosepalum	PDAPI0Z0Y0	None	None	G2	S2	1B.2
spiny-sepaled button-celery						
Erythranthe marmorata	PDPHR01130	None	None	G2?	S2?	1B.1
Stanislaus monkeyflower						
Eumops perotis californicus	AMACD02011	None	None	G4G5T4	S3S4	SSC
western mastiff bat						
Fritillaria agrestis	PMLIL0V010	None	None	G3	S3	4.2
stinkbells						
Hesperoleucus symmetricus serpentinus	AFCJB19028	None	None	GNRT1	S1	SSC
Red Hills roach						
Icteria virens	ABPBX24010	None	None	G5	S4	SSC
yellow-breasted chat						
Lagophylla dichotoma	PDAST5J070	None	None	G2	S2	1B.1
forked hare-leaf						
Lasionycteris noctivagans	AMACC02010	None	None	G3G4	S3S4	
silver-haired bat						
Lasiurus cinereus	AMACC05032	None	None	G3G4	S4	
hoary bat						
Lasiurus frantzii	AMACC05080	None	None	G4	S3	SSC
western red bat						
Lepidurus packardi vernal pool tadpole shrimp	ICBRA10010	Endangered	None	G3	S3	



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



Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
Linderiella occidentalis	ICBRA06010	None	None	G2G3	S2S3	
California linderiella						
Lomatium congdonii	PDAPI1B0B0	None	None	G2	S2	1B.2
Congdon's Iomatium						
Lupinus spectabilis	PDFAB2B3P0	None	None	G2	S2	1B.2
shaggyhair lupine						
Monadenia mormonum buttoni	IMGASC7071	None	None	G2T1T2	S1S2	
Button's Sierra sideband						
Monadenia mormonum hirsuta	IMGASC7072	None	None	G2T1	S1	
hirsute Sierra sideband						
Monardella venosa	PDLAM18082	None	None	G1	S1	1B.1
veiny monardella						
Mylopharodon conocephalus	AFCJB25010	None	None	G3	S3	SSC
hardhead						
Myotis yumanensis	AMACC01020	None	None	G5	S4	
Yuma myotis						
Navarretia paradoxiclara	PDPLM0C150	None	None	G2	S2	1B.3
Patterson's navarretia						
Neostapfia colusana	PMPOA4C010	Threatened	Endangered	G1	S1	1B.1
Colusa grass						
Northern Hardpan Vernal Pool	CTT44110CA	None	None	G3	S3.1	
Northern Hardpan Vernal Pool						
Oncorhynchus mykiss irideus pop. 11	AFCHA0209K	Threatened	None	G5T2Q	S2	SSC
steelhead - Central Valley DPS						
Pseudobahia bahiifolia	PDAST7P010	Endangered	Endangered	G1	S1	1B.1
Hartweg's golden sunburst						
Rhaphiomidas trochilus	IIDIP05010	None	None	G1	S1	
San Joaquin Valley giant flower-loving fly						
Scopelophila cataractae	NBMUS6U010	None	None	G3G4	S1	2B.2
tongue-leaf copper moss						
Senecio clevelandii var. heterophyllus	PDAST8H0R2	None	None	G4?T2Q	S2	1B.2
Red Hills ragwort						
Spea hammondii	AAABF02020	Proposed Threatened	None	G2G3	S3S4	SSC
western spadefoot						
Verbena californica	PDVER0N050	Threatened	Threatened	G2	S2	1B.1
Red Hills vervain						
					Deserved O	

Record Count: 57





#### **California Natural Diversity Database**

Query Criteria: Quad<span style='color:Red'> IS </span>(New Melones Dam (3712085)<span style='color:Red'> OR </span>Knights Ferry (3712076)<span style='color:Red'> OR </span>Copperopolis (3712086)<span style='color:Red'> OR </span>Copperopolis (3712086)<span style='color:Red'> OR </span>Salt Spring Valley (3812016)<span style='color:Red'> OR </span>Angels Camp (3812015)<span style='color:Red'> OR </span>Dakdale (3712077)<span style='color:Red'> OR </span>Bachelor Valley (3712087)<span style='color:Red'> OR </span>Jenny Lind (3812017))

Ambystoma ca	liforniense	е рор. 1				Element Code: AAAA	A01181
California tiger sa	alamander - ce	entral California DPS					
Listing Status:	Federal:	Threatened		CNE	DDB Element Ran	ks: Global: G2G3T3	
	State:	Threatened				State: S3	
	Other:	CDFW_WL-Watch List, IU	CN_VU-Vulnerab	le			
Habitat:	General:	LIVES IN VACANT OR MA SAVANNA, OR OPEN WC			S THROUGHOUT I	MOST OF THE YEAR; IN GR	ASSLAND,
	Micro:	NEED UNDERGROUND F OTHER SEASONAL WAT				URROWS, AND VERNAL PO	OLS OR
Occurrence No.	131	Map Index: 24665	EO Index:	6526		Element Last Seen:	1993-04-23
Occ. Rank:	Good		Presence:	Presumed E	xtant	Site Last Seen:	1993-04-23
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown		Record Last Updated:	1993-11-02
Quad Summary:	Knights Fe	erry (3712076)					
County Summary:	Stanislaus						
Lat/Long:	37.80311	-120.70925			Accuracy:	1/5 mile	
UTM:	Zone-10 N	4186441 E701671			Elevation (ft):	260	
PLSS:	T01S, R11	E, Sec. 36, SE (M)			Acres:	0.0	
Location:	SOUTH O	F HWY 120, 8 MILES EAST	OF OAKDALE.				
Location: Detailed Location:		OUND IN 2 TEMPORARY F		D 100 FEET S	SOUTH OF HWY 1	20 AND 0.3 MILE WEST OF '	STA 1400"
	LARVAE F HWY MAR HABITAT	OUND IN 2 TEMPORARY F KER.	PONDS, LOCATE			20 AND 0.3 MILE WEST OF ' ZED ANNUAL GRASSLAND.	
Detailed Location:	LARVAE F HWY MAR HABITAT TADPOLE AN UNKN	OUND IN 2 TEMPORARY F KER. CONSISTS OF TWO SMALL OBSERVED IN ONE OF TH OWN NUMBER OF AMBYS	PONDS, LOCATE _ TEMPORARY F HE PONDS. TOMA LARVAE V	PONDS SURR	OUNDED BY GRA VED IN 2 TEMPOI		1 BULLFRC 1993; BY 23
Detailed Location: Ecological: General:	LARVAE F HWY MAR HABITAT TADPOLE AN UNKN APRIL, TH	OUND IN 2 TEMPORARY F KER. CONSISTS OF TWO SMALL OBSERVED IN ONE OF TH OWN NUMBER OF AMBYS	PONDS, LOCATE _ TEMPORARY F HE PONDS. TOMA LARVAE V	PONDS SURR	OUNDED BY GRA VED IN 2 TEMPOI	ZED ANNUAL GRASSLAND. RARY PONDS ON 15 APRIL	1 BULLFRO 1993; BY 23
Detailed Location: Ecological: General: Owner/Manager:	LARVAE F HWY MAF HABITAT TADPOLE AN UNKN APRIL, TH AREA.	OUND IN 2 TEMPORARY F KER. CONSISTS OF TWO SMALL OBSERVED IN ONE OF TH OWN NUMBER OF AMBYS	PONDS, LOCATE _ TEMPORARY F HE PONDS. TOMA LARVAE V	PONDS SURR	OUNDED BY GRA VED IN 2 TEMPOI	ZED ANNUAL GRASSLAND. RARY PONDS ON 15 APRIL	1 BULLFRO 1993; BY 23
Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No.	LARVAE F HWY MAR HABITAT TADPOLE AN UNKN APRIL, TH AREA. PVT	OUND IN 2 TEMPORARY F KER. CONSISTS OF TWO SMALL OBSERVED IN ONE OF TH OWN NUMBER OF AMBYS IE PONDS WERE ALMOST	PONDS, LOCATE _ TEMPORARY F HE PONDS. TOMA LARVAE V DRY, THE LARV	PONDS SURR NERE OBSER AE WERE GC	OUNDED BY GRA VED IN 2 TEMPOI NE, AND RACCO	ZED ANNUAL GRASSLAND. RARY PONDS ON 15 APRIL ON TRACKS WERE ABUNDA	1 BULLFRC 1993; BY 23 NT IN THE 1994-04-08
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	LARVAE F HWY MAF HABITAT TADPOLE AN UNKN APRIL, TH AREA. PVT 226 Unknown	OUND IN 2 TEMPORARY F KER. CONSISTS OF TWO SMALL OBSERVED IN ONE OF TH OWN NUMBER OF AMBYS IE PONDS WERE ALMOST	PONDS, LOCATE - TEMPORARY F HE PONDS. TOMA LARVAE V DRY, THE LARV EO Index:	PONDS SURR WERE OBSER AE WERE GC 19331	OUNDED BY GRA VED IN 2 TEMPOI NE, AND RACCO	ZED ANNUAL GRASSLAND. RARY PONDS ON 15 APRIL ON TRACKS WERE ABUNDA Element Last Seen:	1 BULLFRO 1993; BY 23 NT IN THE
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	LARVAE F HWY MAF HABITAT TADPOLE AN UNKN APRIL, TH AREA. PVT 226 Unknown	OUND IN 2 TEMPORARY F KER. CONSISTS OF TWO SMALL OBSERVED IN ONE OF TH OWN NUMBER OF AMBYS IE PONDS WERE ALMOST Map Index: 33081 tive occurrence	PONDS, LOCATE - TEMPORARY F HE PONDS. TOMA LARVAE V DRY, THE LARV EO Index: Presence:	PONDS SURR NERE OBSER VAE WERE GC 19331 Presumed E	OUNDED BY GRA VED IN 2 TEMPOI NE, AND RACCO	ZED ANNUAL GRASSLAND. RARY PONDS ON 15 APRIL ON TRACKS WERE ABUNDA Element Last Seen: Site Last Seen:	1 BULLFRC 1993; BY 23 NT IN THE 1994-04-08
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	LARVAE F HWY MAR HABITAT TADPOLE AN UNKN APRIL, TH AREA. PVT 226 Unknown Natural/Na	OUND IN 2 TEMPORARY F KER. CONSISTS OF TWO SMALL OBSERVED IN ONE OF TH OWN NUMBER OF AMBYS IE PONDS WERE ALMOST Map Index: 33081 tive occurrence	PONDS, LOCATE - TEMPORARY F HE PONDS. TOMA LARVAE V DRY, THE LARV EO Index: Presence:	PONDS SURR NERE OBSER VAE WERE GC 19331 Presumed E	OUNDED BY GRA VED IN 2 TEMPOI NE, AND RACCO	ZED ANNUAL GRASSLAND. RARY PONDS ON 15 APRIL ON TRACKS WERE ABUNDA Element Last Seen: Site Last Seen:	1 BULLFRC 1993; BY 23 NT IN THE 1994-04-08
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	LARVAE F HWY MAR HABITAT TADPOLE AN UNKN APRIL, TH AREA. PVT 226 Unknown Natural/Na Oakdale (3 Stanislaus	OUND IN 2 TEMPORARY F KER. CONSISTS OF TWO SMALL OBSERVED IN ONE OF TH OWN NUMBER OF AMBYS IE PONDS WERE ALMOST Map Index: 33081 tive occurrence	PONDS, LOCATE - TEMPORARY F HE PONDS. TOMA LARVAE V DRY, THE LARV EO Index: Presence:	PONDS SURR NERE OBSER VAE WERE GC 19331 Presumed E	OUNDED BY GRA VED IN 2 TEMPOI NE, AND RACCO	ZED ANNUAL GRASSLAND. RARY PONDS ON 15 APRIL ON TRACKS WERE ABUNDA Element Last Seen: Site Last Seen:	1 BULLFRC 1993; BY 23 NT IN THE 1994-04-08
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	LARVAE F HWY MAR HABITAT TADPOLE AN UNKN APRIL, TH AREA. PVT 226 Unknown Natural/Na Oakdale (3 Stanislaus 37.84694 /	COUND IN 2 TEMPORARY F KER. CONSISTS OF TWO SMALL OBSERVED IN ONE OF TH OWN NUMBER OF AMBYS IE PONDS WERE ALMOST Map Index: 33081 Itive occurrence	PONDS, LOCATE - TEMPORARY F HE PONDS. TOMA LARVAE V DRY, THE LARV EO Index: Presence:	PONDS SURR NERE OBSER VAE WERE GC 19331 Presumed E	OUNDED BY GRA	ZED ANNUAL GRASSLAND. RARY PONDS ON 15 APRIL ON TRACKS WERE ABUNDA Element Last Seen: Site Last Seen: Record Last Updated:	1 BULLFRC 1993; BY 23 NT IN THE 1994-04-08
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	LARVAE F HWY MAR HABITAT TADPOLE AN UNKN APRIL, TH AREA. PVT 226 Unknown Natural/Na Oakdale (3 Stanislaus 37.84694 / Zone-10 N	COUND IN 2 TEMPORARY F RKER. CONSISTS OF TWO SMALL OBSERVED IN ONE OF TH OWN NUMBER OF AMBYS IE PONDS WERE ALMOST Map Index: 33081 ative occurrence 3712077)	PONDS, LOCATE - TEMPORARY F HE PONDS. TOMA LARVAE V DRY, THE LARV EO Index: Presence:	PONDS SURR NERE OBSER VAE WERE GC 19331 Presumed E	OUNDED BY GRA	ZED ANNUAL GRASSLAND. RARY PONDS ON 15 APRIL ON TRACKS WERE ABUNDA Element Last Seen: Site Last Seen: Record Last Updated: 1/5 mile	1 BULLFRC 1993; BY 23 NT IN THE 1994-04-08
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	LARVAE F HWY MAR HABITAT TADPOLE AN UNKN APRIL, TH AREA. PVT 226 Unknown Natural/Na Oakdale (3 Stanislaus 37.84694 / Zone-10 N T01S, R11	COUND IN 2 TEMPORARY F KER. CONSISTS OF TWO SMALL OBSERVED IN ONE OF TH OWN NUMBER OF AMBYS IE PONDS WERE ALMOST Map Index: 33081 tive occurrence 3712077)	PONDS, LOCATE - TEMPORARY F HE PONDS. TOMA LARVAE V DRY, THE LARV EO Index: Presence: Trend:	PONDS SURR WERE OBSER AE WERE GC 19331 Presumed E Unknown	OUNDED BY GRA VED IN 2 TEMPOI INE, AND RACCO xtant Accuracy: Elevation (ft): Acres:	ZED ANNUAL GRASSLAND. RARY PONDS ON 15 APRIL ON TRACKS WERE ABUNDA Element Last Seen: Site Last Seen: Record Last Updated: 1/5 mile 250 0.0	1 BULLFRC 1993; BY 23 NT IN THE 1994-04-08
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	LARVAE F HWY MAR HABITAT TADPOLE AN UNKN APRIL, TH AREA. PVT 226 Unknown Natural/Na Oakdale (3 Stanislaus 37.84694 / Zone-10 N T01S, R11	COUND IN 2 TEMPORARY F KER. CONSISTS OF TWO SMALL OBSERVED IN ONE OF TH OWN NUMBER OF AMBYS IE PONDS WERE ALMOST Map Index: 33081 tive occurrence 3712077) 4191173 E696072 E, Sec. 16 (M)	PONDS, LOCATE - TEMPORARY F HE PONDS. TOMA LARVAE V DRY, THE LARV EO Index: Presence: Trend:	PONDS SURR WERE OBSER AE WERE GC 19331 Presumed E Unknown	OUNDED BY GRA VED IN 2 TEMPOI INE, AND RACCO xtant Accuracy: Elevation (ft): Acres:	ZED ANNUAL GRASSLAND. RARY PONDS ON 15 APRIL ON TRACKS WERE ABUNDA Element Last Seen: Site Last Seen: Record Last Updated: 1/5 mile 250 0.0	1 BULLFRC 1993; BY 23 NT IN THE 1994-04-08
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	LARVAE F HWY MAR HABITAT TADPOLE AN UNKN APRIL, TH AREA. PVT 226 Unknown Natural/Na Oakdale (3 Stanislaus 37.84694 / Zone-10 N T01S, R11	COUND IN 2 TEMPORARY F KER. CONSISTS OF TWO SMALL OBSERVED IN ONE OF TH OWN NUMBER OF AMBYS IE PONDS WERE ALMOST Map Index: 33081 tive occurrence 3712077) 4191173 E696072 E, Sec. 16 (M)	PONDS, LOCATE - TEMPORARY F HE PONDS. TOMA LARVAE V DRY, THE LARV EO Index: Presence: Trend:	PONDS SURR WERE OBSER AE WERE GC 19331 Presumed E Unknown	OUNDED BY GRA VED IN 2 TEMPOI INE, AND RACCO xtant Accuracy: Elevation (ft): Acres:	ZED ANNUAL GRASSLAND. RARY PONDS ON 15 APRIL ON TRACKS WERE ABUNDA Element Last Seen: Site Last Seen: Record Last Updated: 1/5 mile 250 0.0	1 BULLFRC 1993; BY 23 NT IN THE 1994-04-08
Detailed Location: Ecological:	LARVAE F HWY MAR HABITAT TADPOLE AN UNKN APRIL, TH AREA. PVT 226 Unknown Natural/Na Oakdale (3 Stanislaus 37.84694 / Zone-10 N T01S, R11 SOUTH SI	COUND IN 2 TEMPORARY F KER. CONSISTS OF TWO SMALL OBSERVED IN ONE OF TH OWN NUMBER OF AMBYS IE PONDS WERE ALMOST Map Index: 33081 tive occurrence 3712077) 4191173 E696072 E, Sec. 16 (M)	PONDS, LOCATE - TEMPORARY F HE PONDS. TOMA LARVAE V DRY, THE LARV EO Index: Presence: Trend: ROAD, 1.5 MILES	PONDS SURR WERE OBSER AE WERE GC 19331 Presumed E Unknown	OUNDED BY GRA VED IN 2 TEMPOI INE, AND RACCO xtant Accuracy: Elevation (ft): Acres:	ZED ANNUAL GRASSLAND. RARY PONDS ON 15 APRIL ON TRACKS WERE ABUNDA Element Last Seen: Site Last Seen: Record Last Updated: 1/5 mile 250 0.0	1 BULLFRC 1993; BY 23 NT IN THE 1994-04-08



California Department of Fish and Wildlife



Occurrence No.	230	Map Index: 25068	EO Index:	20825		Element Last Seen:	1993-04-13
Occ. Rank:	Fair		Presence:	Presumed E	Extant	Site Last Seen:	1993-04-13
Осс. Туре:	Natural/Nati	ive occurrence	Trend:	Unknown		Record Last Updated:	1994-02-08
Quad Summary:	Oakdale (3712077)						
County Summary:	Stanislaus						
Lat/Long:	37.80049 / -	-120.80738			Accuracy:	specific area	
UTM:	Zone-10 N4	185944 E693038			Elevation (ft):	160	
PLSS:	T01S, R11E	E, Sec. 31 (M)			Acres:	1.7	
Location:	JUST NOR OAKDALE.	TH OF RODDEN CREEK, 0.5	5 MILE NE OF F	RODDEN ROA	AD, 1.5 MILES EAS	T OF TWENTYEIGHT MILE	ROAD,
Detailed Location:	Man-Made It.	E LAKE LOCATED 1300 FEE	T EAST OF A F	PRIVATE ROA	D WEST OF ROD	DEN CREEK AND RUNNING	PARALLEL TO
Ecological:	HABITAT S	URROUNDING MAN-MADE	LAKE CONSIS	TS OF GRAZE	ED ANNUAL GRAS	SSLANDS.	
General:		WN NUMBER OF CTS OBSI LL STOCKED FISH.	ERVED ON 13	APRIL 1993. /	ACCORDING TO L	ANDOWNER, POND DRIED	OUT IN 1992,
Owner/Manager:	PVT						
Occurrence No.	231	Map Index: 25065	EO Index:	20832		Element Last Seen:	1993-04-15
Occurrence No. Occ. Rank:	231 Poor	Map Index: 25065	EO Index: Presence:	20832 Presumed E	Extant	Element Last Seen: Site Last Seen:	1993-04-15 1993-04-15
	Poor	Map Index: 25065			Extant		
Occ. Rank:	Poor	ive occurrence	Presence:	Presumed E	Extant	Site Last Seen:	1993-04-15
Occ. Rank: Occ. Type:	Poor Natural/Nati	ive occurrence	Presence:	Presumed E	Extant	Site Last Seen:	1993-04-15
Occ. Rank: Occ. Type: Quad Summary:	Poor Natural/Nati Oakdale (37	ive occurrence 712077)	Presence:	Presumed E	Extant Accuracy:	Site Last Seen:	1993-04-15
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Poor Natural/Nati Oakdale (37 Stanislaus 37.80123 / -	ive occurrence 712077)	Presence:	Presumed E		Site Last Seen: Record Last Updated:	1993-04-15
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Poor Natural/Nati Oakdale (37 Stanislaus 37.80123 / - Zone-10 N4	ive occurrence 712077) -120.83773	Presence:	Presumed E	Accuracy:	Site Last Seen: Record Last Updated: 1/5 mile	1993-04-15
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Poor Natural/Nati Oakdale (37 Stanislaus 37.80123 / - Zone-10 N4 T01S, R10E SOUTH OF	ive occurrence 712077) -120.83773 1185963 E690364 E, Sec. 35 (M)	Presence: Trend:	Presumed E Unknown	Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1/5 mile 190	1993-04-15 1994-02-18
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Poor Natural/Nati Oakdale (37 Stanislaus 37.80123 / - Zone-10 N4 T01S, R10E SOUTH OF GILBERT R	ive occurrence 712077) -120.83773 1185963 E690364 E, Sec. 35 (M) THE JUNCTION OF TULLO	Presence: Trend: CH AND BURN	Presumed E Unknown	Accuracy: Elevation (ft): Acres: LS, EAST OF TWE	Site Last Seen: Record Last Updated: 1/5 mile 190 0.0	1993-04-15 1994-02-18
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Poor Natural/Nati Oakdale (37 Stanislaus 37.80123 / - Zone-10 N4 T01S, R10E SOUTH OF GILBERT R TEMPORAF	ive occurrence 712077) -120.83773 1185963 E690364 E, Sec. 35 (M) THE JUNCTION OF TULLO D, OAKDALE. RY POND LOCATED 1000 FI	Presence: Trend: CH AND BURN	Presumed E Unknown IETT LATERA TWENTYEIGH	Accuracy: Elevation (ft): Acres: LS, EAST OF TWE	Site Last Seen: Record Last Updated: 1/5 mile 190 0.0	1993-04-15 1994-02-18
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Poor Natural/Nati Oakdale (37 Stanislaus 37.80123 / - Zone-10 N4 T01S, R10E SOUTH OF GILBERT R TEMPORAF HABITAT S	ive occurrence 712077) -120.83773 -185963 E690364 E, Sec. 35 (M) THE JUNCTION OF TULLO D, OAKDALE. RY POND LOCATED 1000 FI URROUNDING TEMPORAR	Presence: Trend: CH AND BURN EET EAST OF Y POND CONS	Presumed E Unknown IETT LATERA TWENTYEIGH SISTED OF GF	Accuracy: Elevation (ft): Acres: LS, EAST OF TWE IT MILE ROAD. RAZED ANNUAL G	Site Last Seen: Record Last Updated: 1/5 mile 190 0.0 :NTYEIGHT MILE RD, 1 MILE	1993-04-15 1994-02-18 E NORTH OF



California Department of Fish and Wildlife



Occurrence No.	232	Map Index: 25067	EO Index:	20834		Element Last Seen:	1993-04-13
Occ. Rank:	Fair		Presence:	Presumed Ex	ktant	Site Last Seen:	1993-04-13
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown		Record Last Updated:	1994-02-08
Quad Summary:	Oakdale (371	2077)					
County Summary:	Stanislaus						
Lat/Long:	37.79774 / -1	20.81263			Accuracy:	specific area	
UTM:	Zone-10 N41	85628 E692583			Elevation (ft):	180	
PLSS:	T02S, R11E,	Sec. 06 (M)			Acres:	4.3	
Location:	JUST NE OF	RODDEN ROAD, 1.5 MILI	ES EAST OF TV	VENTYEIGHT I	MILE ROAD, OAK	DALE.	
Detailed Location:	LARGE, TEN RODDEN CR		D 100 FEET EA	ST OF A PRIV	ATE ROAD WEST	OF AND RUNNING PARALI	EL TO
Ecological:	HABITAT SU	RROUNDING TEMPORAF	RY LAKE CONS	STS OF GRAZ	ED ANNUAL GR	ASSLAND.	
General:	AN UNKNOV	VN NUMBER OF CTS OBS	SERVED ON 13	APRIL 1993.			
Owner/Manager:	PVT						
Occurrence No.	233	Map Index: 25066	EO Index:	20835		Element Last Seen:	1993-04-29
Occ. Rank:	Poor		Presence:	Presumed Ex	ktant	Site Last Seen:	1993-04-29
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown		Record Last Updated:	1994-02-08
Quad Summary:	Oakdale (371	2077)					
County Summary:	Stanislaus						
Lat/Long:	37.80169 / -1	20.81887			Accuracy:	1/5 mile	
UTM:	Zone-10 N41	86053 E692023			Elevation (ft):	200	
PLSS:	T01S, R10E,	Sec. 36 (M)			Acres:	0.0	
Location:	JUST EAST ( ROAD, OAKI		AD, 0.4 MILE N	ORTH OF ROD	DEN ROAD, 1.2 I	MILES EAST OF TWENTYEI	GHT MILE
Location: Detailed Location:	ROAD, OAKI						GHT MILE
	ROAD, OAKI TWO PONDS TWO PONDS	DALE. S, LOCATED ABOUT 50 FE	EET EAST OF P DUTH END OF A	ERSIMMON H	ILL (PRIVATE) RO		
Detailed Location:	ROAD, OAKI TWO PONDS TWO PONDS ROLLING HII	DALE. S, LOCATED ABOUT 50 FE S ARE FOUND ON THE SC	EET EAST OF P DUTH END OF A D.	ERSIMMON H A FRESHWATE	ILL (PRIVATE) RO	DAD.	
Detailed Location: Ecological:	ROAD, OAKI TWO PONDS TWO PONDS ROLLING HII	DALE. S, LOCATED ABOUT 50 FE S ARE FOUND ON THE SC LLS/ANNUAL GRASSLANI	EET EAST OF P DUTH END OF A D.	ERSIMMON H A FRESHWATE	ILL (PRIVATE) RO	DAD.	
Detailed Location: Ecological: General:	ROAD, OAKI TWO PONDS TWO PONDS ROLLING HII AN UNKNOW	DALE. S, LOCATED ABOUT 50 FE S ARE FOUND ON THE SC LLS/ANNUAL GRASSLANI	EET EAST OF P DUTH END OF A D.	ERSIMMON H A FRESHWATE	ILL (PRIVATE) RO	DAD.	
Detailed Location: Ecological: General: Owner/Manager:	ROAD, OAKI TWO PONDS TWO PONDS ROLLING HII AN UNKNOW PVT	DALE. S, LOCATED ABOUT 50 FE S ARE FOUND ON THE SC LLS/ANNUAL GRASSLANI VN NUMBER OF CTS OBS	EET EAST OF P DUTH END OF A D. SERVED ON 29	ERSIMMON H A FRESHWATE APRIL 1993.	ILL (PRIVATE) RO	DAD. ROUNDING HABITAT CONSI	STS OF
Detailed Location: Ecological: General: Owner/Manager: Occurrence No.	ROAD, OAKI TWO PONDS TWO PONDS ROLLING HII AN UNKNOW PVT 291	DALE. S, LOCATED ABOUT 50 FE S ARE FOUND ON THE SO LLS/ANNUAL GRASSLANI VN NUMBER OF CTS OBS	EET EAST OF P DUTH END OF A D. SERVED ON 29 EO Index:	ERSIMMON H A FRESHWATE APRIL 1993. 28420	ILL (PRIVATE) RO	DAD. ROUNDING HABITAT CONSI Element Last Seen:	STS OF 1975-XX-XX
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	ROAD, OAKI TWO PONDS TWO PONDS ROLLING HII AN UNKNOW PVT 291 None	DALE. S, LOCATED ABOUT 50 FE S ARE FOUND ON THE SC LLS/ANNUAL GRASSLANI VN NUMBER OF CTS OBS Map Index: 12533 e occurrence	EET EAST OF P DUTH END OF A D. ERVED ON 29 EO Index: Presence:	ERSIMMON H A FRESHWATE APRIL 1993. 28420 Extirpated	ILL (PRIVATE) RO	DAD. ROUNDING HABITAT CONSI Element Last Seen: Site Last Seen:	STS OF 1975-XX-XX 1975-XX-XX
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	ROAD, OAKI TWO PONDS TWO PONDS ROLLING HII AN UNKNOW PVT 291 None Natural/Nativ	DALE. S, LOCATED ABOUT 50 FE S ARE FOUND ON THE SC LLS/ANNUAL GRASSLANI VN NUMBER OF CTS OBS Map Index: 12533 e occurrence	EET EAST OF P DUTH END OF A D. ERVED ON 29 EO Index: Presence:	ERSIMMON H A FRESHWATE APRIL 1993. 28420 Extirpated	ILL (PRIVATE) RO	DAD. ROUNDING HABITAT CONSI Element Last Seen: Site Last Seen:	STS OF 1975-XX-XX 1975-XX-XX
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	ROAD, OAKI TWO PONDS TWO PONDS ROLLING HII AN UNKNOW PVT 291 None Natural/Nativ Oakdale (371	DALE. S, LOCATED ABOUT 50 FE S ARE FOUND ON THE SC LLS/ANNUAL GRASSLANI VN NUMBER OF CTS OBS Map Index: 12533 e occurrence	EET EAST OF P DUTH END OF A D. ERVED ON 29 EO Index: Presence:	ERSIMMON H A FRESHWATE APRIL 1993. 28420 Extirpated	ILL (PRIVATE) RO	DAD. ROUNDING HABITAT CONSI Element Last Seen: Site Last Seen:	STS OF 1975-XX-XX 1975-XX-XX
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	ROAD, OAKI TWO PONDS TWO PONDS ROLLING HII AN UNKNOW PVT 291 None Natural/Nativ Oakdale (371 Stanislaus 37.76742 / -1	DALE. S, LOCATED ABOUT 50 FE S ARE FOUND ON THE SC LLS/ANNUAL GRASSLANI VN NUMBER OF CTS OBS Map Index: 12533 e occurrence	EET EAST OF P DUTH END OF A D. ERVED ON 29 EO Index: Presence:	ERSIMMON H A FRESHWATE APRIL 1993. 28420 Extirpated	ILL (PRIVATE) RO	DAD. ROUNDING HABITAT CONSI Element Last Seen: Site Last Seen: Record Last Updated:	STS OF 1975-XX-XX 1975-XX-XX
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	ROAD, OAKI TWO PONDS TWO PONDS ROLLING HII AN UNKNOW PVT 291 None Natural/Nativ Oakdale (371 Stanislaus 37.76742 / -1	DALE. S, LOCATED ABOUT 50 FE S ARE FOUND ON THE SC LLS/ANNUAL GRASSLAND VN NUMBER OF CTS OBS Map Index: 12533 e occurrence 12077) 20.85327 82180 E689081	EET EAST OF P DUTH END OF A D. ERVED ON 29 EO Index: Presence:	ERSIMMON H A FRESHWATE APRIL 1993. 28420 Extirpated	ILL (PRIVATE) RO ER MARSH; SURF	DAD. ROUNDING HABITAT CONSI Element Last Seen: Site Last Seen: Record Last Updated: 1 mile	STS OF 1975-XX-XX 1975-XX-XX
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	ROAD, OAKI TWO PONDS TWO PONDS ROLLING HII AN UNKNOW PVT 291 None Natural/Nativ Oakdale (371 Stanislaus 37.76742 / -1 Zone-10 N41	DALE. S, LOCATED ABOUT 50 FE S ARE FOUND ON THE SC LLS/ANNUAL GRASSLAND VN NUMBER OF CTS OBS Map Index: 12533 e occurrence 12077) 20.85327 82180 E689081	EET EAST OF P DUTH END OF A D. ERVED ON 29 EO Index: Presence:	ERSIMMON H A FRESHWATE APRIL 1993. 28420 Extirpated	ILL (PRIVATE) RO ER MARSH; SURF Accuracy: Elevation (ft):	DAD. ROUNDING HABITAT CONSI Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 150	STS OF 1975-XX-XX 1975-XX-XX
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	ROAD, OAKI TWO PONDS TWO PONDS ROLLING HII AN UNKNOW PVT 291 None Natural/Native Oakdale (371 Stanislaus 37.76742 / -1 Zone-10 N41 T02S, R10E,	DALE. S, LOCATED ABOUT 50 FE S ARE FOUND ON THE SC LLS/ANNUAL GRASSLAND VN NUMBER OF CTS OBS Map Index: 12533 e occurrence 12077) 20.85327 82180 E689081	EET EAST OF P DUTH END OF A D. ERVED ON 29 EO Index: Presence:	ERSIMMON H A FRESHWATE APRIL 1993. 28420 Extirpated	ILL (PRIVATE) RO ER MARSH; SURF Accuracy: Elevation (ft):	DAD. ROUNDING HABITAT CONSI Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 150	STS OF 1975-XX-XX 1975-XX-XX
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	ROAD, OAKI TWO PONDS TWO PONDS ROLLING HII AN UNKNOW PVT 291 None Natural/Native Oakdale (371 Stanislaus 37.76742 / -1 Zone-10 N41 T02S, R10E,	DALE. S, LOCATED ABOUT 50 FE S ARE FOUND ON THE SC LLS/ANNUAL GRASSLAND VN NUMBER OF CTS OBS Map Index: 12533 e occurrence 12077) 20.85327 82180 E689081	EET EAST OF P DUTH END OF A D. ERVED ON 29 EO Index: Presence:	ERSIMMON H A FRESHWATE APRIL 1993. 28420 Extirpated	ILL (PRIVATE) RO ER MARSH; SURF Accuracy: Elevation (ft):	DAD. ROUNDING HABITAT CONSI Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 150	STS OF 1975-XX-XX 1975-XX-XX
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	ROAD, OAKI TWO PONDS TWO PONDS ROLLING HII AN UNKNOW PVT 291 None Natural/Native Oakdale (371 Stanislaus 37.76742 / -1 Zone-10 N41 T02S, R10E, OAKDALE.	DALE. S, LOCATED ABOUT 50 FE S ARE FOUND ON THE SC LLS/ANNUAL GRASSLAND VN NUMBER OF CTS OBS Map Index: 12533 e occurrence 12077) 20.85327 82180 E689081 Sec. 15 (M)	EET EAST OF P DUTH END OF A D. SERVED ON 29 EO Index: Presence: Trend:	ERSIMMON H A FRESHWATE APRIL 1993. 28420 Extirpated Unknown	ILL (PRIVATE) RO ER MARSH; SURF Accuracy: Elevation (ft): Acres:	DAD. ROUNDING HABITAT CONSI Element Last Seen: Site Last Seen: Record Last Updated: 1 mile 150	STS OF 1975-XX-XX 1975-XX-XX 2001-09-04



California Department of Fish and Wildlife



	500	501.1	10117		
Occurrence No.	500 <b>Map Index:</b> 46417	EO Index:	46417	Element Last Seen:	1988-XX-XX
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:	1988-XX-XX
Осс. Туре:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:	2008-11-25
Quad Summary:	Bachelor Valley (3712087)				
County Summary:	Stanislaus				
Lat/Long:	37.91538 / -120.81148		Accuracy:	non-specific area	
UTM:	Zone-10 N4198684 E692378		Elevation (ft):	200	
PLSS:	T01N, R11E, Sec. 30 (M)		Acres:	224.5	
Location:	ALONG DUNTON ROAD, BACHELOR \	ALLEY, NORT	H OF WOODWARD RESERVOI	R, NORTH OF OAKDALE.	
Detailed Location:	SOURCE DOCUMENT GIVES ROAD N	AME AS "DENT	ON" ROAD.		
Ecological:					
General:	DURING A 1973 TO 1988 FOOD HABIT	S STUDY MAN	Y AOR AND DOR SALAMANDE	RS WERE OBSERVED.	
Owner/Manager:	UNKNOWN				
Occurrence No.	1030 Map Index: A2317	EO Index:	103931	Element Last Seen:	2013-02-05
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:	2013-02-05
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:	2016-10-21
Quad Summary:	Knights Ferry (3712076)				
County Summary:	Stanislaus				
Lat/Long:	37.75795 / -120.72321		Accuracy:	specific area	
UTM:	Zone-10 N4181401 E700565		Elevation (ft):	232	
PLSS:	T02S, R11E, Sec. 14 (M)		Acres:	59.0	
Location:	VICINITY OF HETCH HETCHY AQUED NW OF PAULSELL.	UCT, FROM AE	30UT 0.3 TO 0.8 MILES NE OF 1	THE FOGARTY RD CROSSIN	NG, 3.2 MILES
Detailed Location:	MAPPED TO INCLUDE PROVIDED CO	ORDINATES A	ND MAPPED LOCATIONS.		
Ecological:	FLAT, NON-NATIVE GRASSLAND INTE	RSPERSED W	ITH VERNAL POOLS. DETECTI	ONS ALONG SFPUC RIGHT	-OF-WAY.
General: Owner/Manager:	EGGS & LARVAE FOUND IN 8 POOLS NEARBY CONSTRUCTION SITE (OCC MONITORING. SFPUC				
	0.1.00				



Habitat:

General:

#### **Multiple Occurrences per Page**

California Department of Fish and Wildlife

#### **California Natural Diversity Database**



Occurrence No.	1031	Map Index: A2318	EO Index:	103932	Element Last Seen:	2013-02-05
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2013-02-05
Осс. Туре:	Natural/Nat	tive occurrence	Trend:	Unknown	Record Last Updated:	2016-10-21
Quad Summary:	Knights Fei	rry (3712076)				
County Summary:	Stanislaus					
Lat/Long:	37.76396 /	-120.70898		Accuracy:	80 meters	
UTM:	Zone-10 N4	4182098 E701802		Elevation (ft):	260	
PLSS:	T02S, R11I	E, Sec. 13, NE (M)		Acres:	5.0	
Location:	VICINITY C		DUCT, ABOUT 1	.5 MILES NE OF THE FOGARTY	RD CROSSING, 3.3 MILES	NNW OF
Detailed Location:	MAPPED T	O PROVIDED COORDINAT	ES.			
Ecological:				RIGHT-OF-WAY, SURROUNDE	D BY NON-NATIVE GRASSI	_AND.
General:				INDER PIECE OF PLYWOOD. ON 5 FEB 2013 AND RELOCAT	ED TO BURROW AD ACEN	T TO NEARB
Contrain		OOLS (OCC #1238).				1 10 112/112
Owner/Manager:	SFPUC					
	1141	Map Index: 33068	EO Index:	118424	Element Last Seen:	1995-03-16
Occurrence No.	1141	wap muex. 55000	EO macx.		Element East Ocen.	1000 00 10
	Unknown	map muex. 33000	Presence:	Presumed Extant	Site Last Seen:	1995-03-16
Occ. Rank:	Unknown	tive occurrence				
Occ. Rank: Occ. Type:	Unknown Natural/Nat	·	Presence:	Presumed Extant	Site Last Seen:	1995-03-16
Occ. Rank: Occ. Type: Quad Summary:	Unknown Natural/Nat	tive occurrence	Presence:	Presumed Extant	Site Last Seen:	1995-03-16
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Unknown Natural/Nat Bachelor V Stanislaus	tive occurrence	Presence:	Presumed Extant	Site Last Seen:	1995-03-16
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Unknown Natural/Nat Bachelor V Stanislaus 37.98510 /	tive occurrence alley (3712087)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	1995-03-16
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Unknown Natural/Nat Bachelor V Stanislaus 37.98510 / Zone-10 N	tive occurrence alley (3712087) -120.84158	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: 1/5 mile	1995-03-16
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Unknown Natural/Nat Bachelor V Stanislaus 37.98510 / Zone-10 N4 T02N, R10	tive occurrence alley (3712087) -120.84158 4206360 E689552 E, Sec. 35, NE (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 1/5 mile 240 0.0	1995-03-16
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Unknown Natural/Nat Bachelor V Stanislaus 37.98510 / Zone-10 N4 T02N, R10 EAST SIDE	tive occurrence alley (3712087) -120.84158 4206360 E689552 E, Sec. 35, NE (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: HIGHWAY 4, ABOUT 2.5 MILES	Site Last Seen: Record Last Updated: 1/5 mile 240 0.0	1995-03-16
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Unknown Natural/Nat Bachelor V Stanislaus 37.98510 / Zone-10 N4 T02N, R10 EAST SIDE	tive occurrence alley (3712087) -120.84158 4206360 E689552 E, Sec. 35, NE (M) E OF MILTON ROAD, 2.7 MI	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: HIGHWAY 4, ABOUT 2.5 MILES	Site Last Seen: Record Last Updated: 1/5 mile 240 0.0	1995-03-16
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological:	Unknown Natural/Nat Bachelor V Stanislaus 37.98510 / Zone-10 N4 T02N, R100 EAST SIDE MAPPED T	tive occurrence alley (3712087) -120.84158 4206360 E689552 E, Sec. 35, NE (M) E OF MILTON ROAD, 2.7 MI	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: HIGHWAY 4, ABOUT 2.5 MILES	Site Last Seen: Record Last Updated: 1/5 mile 240 0.0	1995-03-16
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager:	Unknown Natural/Nat Bachelor V Stanislaus 37.98510 / Zone-10 N4 T02N, R100 EAST SIDE MAPPED T	tive occurrence alley (3712087) -120.84158 4206360 E689552 E, Sec. 35, NE (M) E OF MILTON ROAD, 2.7 MI TO PROVIDED TOPO MAP F D HERE ON 16 MAR 1995.	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: HIGHWAY 4, ABOUT 2.5 MILES	Site Last Seen: Record Last Updated: 1/5 mile 240 0.0	1995-03-16
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager:	Unknown Natural/Nat Bachelor V Stanislaus 37.98510 / Zone-10 N4 T02N, R100 EAST SIDE MAPPED T DETECTED UNKNOWN	tive occurrence alley (3712087) -120.84158 4206360 E689552 E, Sec. 35, NE (M) E OF MILTON ROAD, 2.7 MI TO PROVIDED TOPO MAP F D HERE ON 16 MAR 1995.	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: HIGHWAY 4, ABOUT 2.5 MILES	Site Last Seen: Record Last Updated: 1/5 mile 240 0.0 S SOUTH OF MILTON.	1995-03-16 2020-05-18
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager:	Unknown Natural/Nat Bachelor V Stanislaus 37.98510 / Zone-10 N4 T02N, R10 EAST SIDE MAPPED T DETECTEL UNKNOWN	tive occurrence alley (3712087) -120.84158 4206360 E689552 E, Sec. 35, NE (M) E OF MILTON ROAD, 2.7 MI TO PROVIDED TOPO MAP F D HERE ON 16 MAR 1995.	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: HIGHWAY 4, ABOUT 2.5 MILES	Site Last Seen: Record Last Updated: 1/5 mile 240 0.0	1995-03-16 2020-05-18
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Spea hammond western spadefor	Unknown Natural/Nat Bachelor V. Stanislaus 37.98510 / Zone-10 N4 T02N, R100 EAST SIDE MAPPED T DETECTEL UNKNOWN	tive occurrence alley (3712087) -120.84158 4206360 E689552 E, Sec. 35, NE (M) E OF MILTON ROAD, 2.7 MI FO PROVIDED TOPO MAP F D HERE ON 16 MAR 1995. N	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: THIGHWAY 4, ABOUT 2.5 MILES 5-102.	Site Last Seen: Record Last Updated: 1/5 mile 240 0.0 SOUTH OF MILTON. Element Code: AAAE	1995-03-16 2020-05-18
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager:	Unknown Natural/Nat Bachelor V Stanislaus 37.98510 / Zone-10 N4 T02N, R10 EAST SIDE MAPPED T DETECTEL UNKNOWN	tive occurrence alley (3712087) -120.84158 4206360 E689552 E, Sec. 35, NE (M) E OF MILTON ROAD, 2.7 MI TO PROVIDED TOPO MAP F D HERE ON 16 MAR 1995.	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: HIGHWAY 4, ABOUT 2.5 MILES	Site Last Seen: Record Last Updated: 1/5 mile 240 0.0 SOUTH OF MILTON. Element Code: AAAE	1995-03-16 2020-05-18

OCCURS PRIMARILY IN GRASSLAND HABITATS, BUT CAN BE FOUND IN VALLEY-FOOTHILL HARDWOOD

WOODLANDS. Micro: VERNAL POOLS ARE ESSENTIAL FOR BREEDING AND EGG-LAYING.



California Department of Fish and Wildlife



0	45	Mars Inclass 00000		0000		4000 07 40
Occurrence No.	15 Malva avva	Map Index: 20938	EO Index:	9393 Presumed Extant	Element Last Seen:	1990-07-16
Occ. Rank:	Unknown		Presence:		Site Last Seen:	1990-07-16
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown	Record Last Updated:	1992-04-10
Quad Summary:	Knights Ferry	(3712076)				
County Summary:	Stanislaus					
Lat/Long:	37.84625 / -1	20.71781		Accuracy:	80 meters	
UTM:	Zone-10 N41	91210 E700800		Elevation (ft):	250	
PLSS:	T01S, R11E,	Sec. 13 (M)		Acres:	0.0	
Location:	ON THE WES	ST SIDE OF SONORA RO	AD, 3.4 MI NW (	OF KNIGHTS FERRY.		
Detailed Location:		RE FOUND IN A 10' X 6' P _ STREAM, TRIBUTARY T		OUTFALL OF A CULVERT UNDE S CREEK.	ER SONORA ROAD, IN A SM	ALL
Ecological:	SURROUND	ING HABITAT CONSISTS	OF INTRODUC	ED ANNUAL GRASSLAND.		
General:	WAS PUMPII		TOCK TROUGH	OM LITTLEJOHNS CREEK. A W HMAY HAVE BEEN THE SOUR RVED.		
Owner/Manager:	PVT					
Occurrence No.	34	Map Index: 24665	EO Index:	6527	Element Last Seen:	1993-04-15
Occurrence No. Occ. Rank:	34 Good	Map Index: 24665	EO Index: Presence:	6527 Presumed Extant	Element Last Seen: Site Last Seen:	1993-04-15 1993-04-15
	-					
Occ. Rank:	Good	e occurrence	Presence:	Presumed Extant	Site Last Seen:	1993-04-15
Occ. Rank: Occ. Type:	Good Natural/Native	e occurrence	Presence:	Presumed Extant	Site Last Seen:	1993-04-15
Occ. Rank: Occ. Type: Quad Summary:	Good Natural/Native Knights Ferry	e occurrence (3712076)	Presence:	Presumed Extant	Site Last Seen:	1993-04-15
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Good Natural/Native Knights Ferry Stanislaus 37.80311 / -1	e occurrence (3712076)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	1993-04-15
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Good Natural/Native Knights Ferry Stanislaus 37.80311 / -1 Zone-10 N41	e occurrence (3712076) 20.70925	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: 1/5 mile	1993-04-15
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Good Natural/Native Knights Ferry Stanislaus 37.80311 / -1 Zone-10 N41 T01S, R11E,	e occurrence (3712076) 20.70925 86441 E701671 Sec. 36, SE (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 1/5 mile 260 0.0	1993-04-15
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Good Natural/Native Knights Ferry Stanislaus 37.80311 / -1 Zone-10 N41 T01S, R11E, SOUTH SIDE 1993 DETEC	e occurrence (3712076) 20.70925 86441 E701671 Sec. 36, SE (M) E OF HWY 120, ABOUT 2 M TIONS FOUND IN A "SMA 00" HWY MARKER. 1994 D	Presence: Trend: // NE OF LANC LL TEMPORAR	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1/5 mile 260 0.0 MILES EAST OF OAKDALE. SOUTH OF HWY 120 AND 0.3	1993-04-15 2019-01-18
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Good Natural/Native Knights Ferry Stanislaus 37.80311 / -1 Zone-10 N41 T01S, R11E, SOUTH SIDE 1993 DETEC OF "STA 14 C OCCURRENT	e occurrence (3712076) 20.70925 86441 E701671 Sec. 36, SE (M) 5 OF HWY 120, ABOUT 2 M TIONS FOUND IN A "SMA 00" HWY MARKER. 1994 D CE.	Presence: Trend: //I NE OF LANC LL TEMPORAR DETECTION LO	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: ASTER RD INTERSECTION, 8 Y POND LOCATED 100 FEET S	Site Last Seen: Record Last Updated: 1/5 mile 260 0.0 MILES EAST OF OAKDALE. SOUTH OF HWY 120 AND 0.3 EFORE ATTRIBUTED TO TH	1993-04-15 2019-01-18
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Good Natural/Native Knights Ferry Stanislaus 37.80311 / -1 Zone-10 N41 T01S, R11E, SOUTH SIDE 1993 DETEC OF "STA 14 CO OCCURRENT HABITAT CO SITE FIRST CAPTURED	e occurrence (3712076) 20.70925 86441 E701671 Sec. 36, SE (M) : OF HWY 120, ABOUT 2 M TIONS FOUND IN A "SMA 00" HWY MARKER. 1994 D CE. NSISTS OF A TEMPORAF /ISITED ON 15 APRIL 199	Presence: Trend: //I NE OF LANC LL TEMPORAR DETECTION LO RY POND SURF 3; BY 23 APRIL AR 1994; EXAC	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: ASTER RD INTERSECTION, 8 Y POND LOCATED 100 FEET S CATION UNCLEAR AND THER	Site Last Seen: Record Last Updated: 1/5 mile 260 0.0 MILES EAST OF OAKDALE. SOUTH OF HWY 120 AND 0.3 EFORE ATTRIBUTED TO TH AL GRASSLAND IN ROLLING S TOADLETS WERE PRESE	1993-04-15 2019-01-18 3 MILE WEST E CLOSEST HILLS. NT. 1



California Department of Fish and Wildlife

#### **California Natural Diversity Database**



0	4000	Mars Inclass D 1700	<b>50</b> km km	447704	<b>-</b>		4004 00 07
Occurrence No.	1286	Map Index: B4792	EO Index:	117731		Last Seen:	1981-06-07
Occ. Rank:	Unknown	1	Presence:	Presumed Extant	Site Last	Seen:	1981-06-07
Осс. Туре:	Natural/N	lative occurrence	Trend:	Unknown	Record L	ast Updated:	2020-01-23
Quad Summary:	Bachelor	Valley (3712087)					
County Summary:	Stanislau	S					
Lat/Long:	37.95984	/ -120.84364		Accuracy:	1/5 mile		
UTM:	Zone-10	N4203553 E689437		Elevation (ft):	211		
PLSS:	T01N, R1	I0E, Sec. 2, S (M)		Acres:	70.0		
Location:	MILTON	RD, ABOUT 1 MILE NORTH (	OF ITS INTERSE	CTION WITH HWY 4, 5 MILES SC	OUTH OF MI	LTON, EAST O	F STOCKTO
Detailed Location:							
Ecological:							
General:	COLLEC	TED ON 7 JUN 1981.					
Owner/Manager:	PVT						
					<b>E</b> lemen		(040070
Buteo swainso					Elemer	nt Code: ABN	KC19070
Swainson's hawl	<						
Listing Status:	Federal:	None		CNDDB Element Ranks	s: Global:	G5	
	State:	Threatened			State:	S4	
	Other:	BLM_S-Sensitive, IUCN_L	C-Least Concern				
Habitat:	General:			RED TREES, JUNIPER-SAGE FL WITH GROVES OR LINES OF TF	,	IAN AREAS, S	AVANNAHS,

	Micro:	IICTO: REQUIRES ADJACENT SUITABLE FORAGING AREAS SUCH AS GRASSLANDS, OR ALFALFA OR GRAIN FIELDS SUPPORTING RODENT POPULATIONS.							
Occurrence No.	1611	Map Index: 63883	EO Index:	63978		Element Last Seen:	2002-07-21		
Occ. Rank:	Unknown		Presence:	Presumed Ex	tant	Site Last Seen:	2002-07-21		
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown		Record Last Updated:	2006-02-02		
Quad Summary:	Bachelor V	′alley (3712087)							
County Summary:	Stanislaus								
Lat/Long:	37.98404 /	-120.84909			Accuracy:	80 meters			
UTM:	Zone-10 N	4206227 E688895			Elevation (ft):	205			
PLSS:	T02N, R10	T02N, R10E, Sec. 35, NW (M) Acres: 0.0							

ALONG ROCK CREEK, 0.3 MILE WEST OF MILTON ROAD, 5.7 MILES SW OF SALT SPRING VALLEY RESERVOIR.

Detailed Location:

Location:

Ecological: NEST TREE WAS A VALLEY OAK; SURROUNDED BY ROW CROPS TO THE SE AND SW, AND PASTURELAND TO THE NE AND NW.

General: FEMALE OBSERVED ON NEST, WITH MALE RETRIEVING PREY, ON 22 MAY; 1 ADULT FLEW FROM THE NEST AND 1 CHICK REMAINED AT THE NEST ON 21 JUL 2002.

Owner/Manager: UNKNOWN



**California Natural Diversity Database** 



Element Code: ABNSB10010

#### Athene cunicularia

burrowing owl								
Listing Status:	Federal:	None		CNDDB Element Ran	ks: Global: G4			
	State:	Candidate Endangered			State: S2			
	Other:         BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, USFWS_BCC-Birds of Conservation Concern           itat:         General:         OPEN, DRY ANNUAL OR PERENNIAL GRASSLANDS, DESERTS, AND SCRUBLANDS CHARACTERIZED BY GROWING VEGETATION.							
Habitat:								
	Micro:	SUBTERRANEAN NESTER, DEPENDENT UPON BURROWING MAMMALS, MOST NOTABLY, THE CALIFORNIA GROUND SQUIRREL.						
Occurrence No.	505	Map Index: 48980	EO Index:	48980	Element Last Seen:	1991-04-01		
Occ. Rank:	Fair		Presence:	Presumed Extant	Site Last Seen:	1991-04-01		
Осс. Туре:	Natural/Na	ative occurrence	Trend: Unk	Unknown	Record Last Updated:	2002-10-09		
Quad Summary:	Oakdale (3	3712077)						
County Summary:	Stanislaus	;						
Lat/Long:	37.79834	/ -120.85846		Accuracy:	80 meters			
UTM:	Zone-10 N4185601 E688546			Elevation (ft):	230			
PLSS:	T02S, R10	02S, R10E, Sec. 03, NE (M)			0.0			
Location:	1 MILE NNW OF THE INTERSECTION OF GILBERT ROAD & RODDEN ROAD, NORTH OF OAKDALE.							
Detailed Location:								
Ecological:	HABITAT CONSISTS OF FALLOW AGRICULTURAL LAND, DOMINATED BY BRASSICA SPP, RAPHANUS SPP, ERODIUM SPP, AND TRIFOLIUM SPP. SOIL IS STONY WITH SILTY CLAY; VERY SLIGHT ASPECT/SLOPE. GROUND SQUIRREL BURROWS PRESENT FOR BURROW SITES.							
General:	1 ADULT OBSERVED ON 1 APR 1991.							
Owner/Manager:	PVT							





Eremophila alpestris actia						Element Code: ABPAT02011		
California horned	llark							
Listing Status:	Federal:	None		CNDDB Element Rank	s: Global:	G5T4Q		
	State:	None			State:	S4		
	Other:	CDFW_WL-Watch List, IUC	N_LC-Least Cor	ncern				
Habitat:	General:	COASTAL REGIONS, CHIEFLY FROM SONOMA COUNTY TO SAN DIEGO COUNTY. ALSO MAIN PART OF SAN JOAQUIN VALLEY AND EAST TO FOOTHILLS.						
	Micro: SHORT-GRASS PRAIRIE, "BALD" HILLS, MOUNTAIN MEADOWS, OPEN COASTAL PLAINS, FALLOW GRAIN FIELDS, ALKALI FLATS.							
Occurrence No.	1	Map Index: 34859	EO Index:	8657	Element	Last Seen:	XXXX-XX-XX	
Occ. Rank:	Unknown	Unknown		Presumed Extant	Site Last Seen:		XXXX-XX-XX	
Occ. Type:	Natural/Native occurrence		Trend:	Unknown	Record Last Updated:		1996-07-30	
Quad Summary:	Coopersto	Cooperstown (3712065), Keystone (3712075)						
County Summary:	Stanislaus	Stanislaus						
Lat/Long:	37.74306 /	/ -120.59200		Accuracy:	1 mile			
UTM:	Zone-10 N	4180037 E712167		Elevation (ft):	239			
PLSS:	T02S, R12	2E, Sec. 24, SW (M)		Acres:	0.0			
Location:	NNE OF WARNERVILLE; NEAR JUNCTION OF WILLMS ROAD AND ROCK RIVER ROAD.							
Detailed Location:								
Ecological:								
General:	UNKNOWN NUMBERS OF HORNED LARKS OBSERVED BY B. COREY.							
Owner/Manager:	UNKNOW	UNKNOWN						



**California Natural Diversity Database** 



lcteria virens					Element Code: ABPE	X24010		
yellow-breasted of	chat							
Listing Status:	Federal:	None		CNDDB Element Ran	ks: Global: G5			
	State:	None			State: S4			
	Other:	CDFW_SSC-Species of Sp	ecial Concern, IL	JCN_LC-Least Concern				
Habitat:	General:	SUMMER RESIDENT; INH WATERCOURSES.	ABITS RIPARIAI	N THICKETS OF WILLOW AND	OTHER BRUSHY TANGLES	NEAR		
	Micro:	NESTS IN LOW, DENSE RIPARIAN, CONSISTING OF WILLOW, BLACKBERRY, WILD GRAPE; FORAGES AND NESTS WITHIN 10 FT OF GROUND.						
Occurrence No.	53	Map Index: 12632	EO Index:	24874	Element Last Seen:	1987-06-24		
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1987-06-24		
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated: 1989			
Quad Summary:	Oakdale (3	3712077)						
County Summary:	Stanislaus	i i						
Lat/Long:	37.87158 /	/ -120.79827		Accuracy:	1/5 mile			
UTM:	Zone-10 N	l4193851 E693654		Elevation (ft):	200			
PLSS:	T01S, R11	E, Sec. 06 (M)		Acres:	0.0			
Location:	NE OF JU	NCTION OF LITTLEJOHN C	REEK AND SON	ORA RD, APPROX 7.6MI NNE C	OF OAKDALE.			
Detailed Location:	ONE HEARD.							
Ecological:	WILLOW BOG 2-5 ACRES IN SIZE. CREEK AND COUNTY RD BORDERED BY DENSE BLACKBERRY AND SPARSE CANOPY OF LARGE WILLOWS, COTTONWOODS, AND BLACK WALNUT. SITE IS AN OASIS IN GRAZED ANNUAL GRASSLAND.							
General:								
Owner/Manager:	PVT							
Agelaius tricol	or				Element Code: ABPE	XB0020		
tricolored blackbi								
Listing Status:	Federal:	None		CNDDB Element Ranl	ks: Global: G1G2			
-	State:	Threatened			State: S2			
	Other:	BLM_S-Sensitive, CDFW_S	SSC-Species of S	Special Concern, IUCN_EN-Enda	angered, USFWS_BCC-Birds	of		

 
 Habitat:
 General:
 HIGHLY COLONIAL SPECIES, MOST NUMEROUS IN CENTRAL VALLEY AND VICINITY. LARGELY ENDEMIC TO CALIFORNIA.

 Micro:
 REQUIRES OPEN WATER, PROTECTED NESTING SUBSTRATE, AND FORAGING AREA WITH INSECT PREY WITHIN A FEW KM OF THE COLONY.



California Department of Fish and Wildlife



Occurrence No.	28	Map Index: 12598	EO Index:	13274	Element Last Seen:	1996-04-20
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2015-04-20
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Decreasing	Record Last Updated:	2016-12-13
Quad Summary:	Jenny Lind (3	8812017)				
County Summary:	Calaveras					
Lat/Long:	38.01479 / -1	20.82839		Accuracy:	3/5 mile	
UTM:	Zone-10 N42	09682 E690634		Elevation (ft):	300	
PLSS:	T02N, R10E,	Sec. 24 (M)		Acres:	0.0	
Location:	VICINITY OF		OCK CREEK IN	ITERSECTION, ABOUT 1.8 MI S	E OF MILTON, W OF SALT	SPRING
Detailed Location:	MILTON." 19			CK CREEK DOWNSTREAM OF EEK ROAD BRIDGE, 2 MI SE M		
Ecological:	THE VICINIT		STORED IN U	E BLACKBERRY. ADDITIONAL I C DAVIS TRICOLORED BLACKI		
General:				1988. 7-10K OBS NESTING IN <sup>7</sup> TING. 0 OBS IN 2011 & 2015. FC		
	IN 1997; NOF 2014.	N-NESTING. 500 OBS IN 2	000, NON-NES			
Owner/Manager:		N-NESTING, 500 OBS IN 2	000, NON-NES			
Owner/Manager: Occurrence No.	2014.	Map Index: 12632	EO Index:	24718	Element Last Seen:	1987-06-09
	2014. UNKNOWN			24718 Presumed Extant	Element Last Seen: Site Last Seen:	
Occurrence No.	2014. UNKNOWN 110	Map Index: 12632	EO Index:	-		1987-06-09
Occurrence No. Occ. Rank:	2014. UNKNOWN 110 Unknown	Map Index: 12632 e occurrence	EO Index: Presence:	Presumed Extant	Site Last Seen:	1987-06-09 2011-04-17
Occurrence No. Occ. Rank: Occ. Type:	2014. UNKNOWN 110 Unknown Natural/Nativ	Map Index: 12632 e occurrence	EO Index: Presence:	Presumed Extant	Site Last Seen:	1987-06-09 2011-04-17
Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	2014. UNKNOWN 110 Unknown Natural/Nativ Oakdale (371	Map Index: 12632 e occurrence 2077)	EO Index: Presence:	Presumed Extant	Site Last Seen:	1987-06-09 2011-04-17
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	2014. UNKNOWN 110 Unknown Natural/Nativ Oakdale (371 Stanislaus 37.87158 / -1	Map Index: 12632 e occurrence 2077)	EO Index: Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	1987-06-09 2011-04-17
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	2014. UNKNOWN 110 Unknown Natural/Nativ Oakdale (371 Stanislaus 37.87158 / -1	Map Index: 12632 e occurrence 2077) 20.79827 93851 E693654	EO Index: Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: 1/5 mile	1987-06-09 2011-04-17
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	2014. UNKNOWN 110 Unknown Natural/Nativ Oakdale (371 Stanislaus 37.87158 / -1 Zone-10 N41 T01S, R11E,	Map Index: 12632 e occurrence 2077) 20.79827 93851 E693654 Sec. 06 (M)	EO Index: Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 1/5 mile 200 0.0	1987-06-09 2011-04-17
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	2014. UNKNOWN 110 Unknown Natural/Nativ Oakdale (371 Stanislaus 37.87158 / -1 Zone-10 N41 T01S, R11E, NE OF JUNC MAPPED TO SONORA RE	Map Index:         12632           e occurrence         2077)           20.79827         93851 E693654           Sec. 06 (M)         CTION OF LITTLEJOHN CF           PROVIDED LOCATION D         PROVIDED LOCATION D	EO Index: Presence: Trend: REEK AND SON ESCRIPTIONS ENHEIMER RD	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1/5 mile 200 0.0 OF OAKDALE. OHN CK AND SONORA RD"	1987-06-09 2011-04-17 2016-08-25
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	2014. UNKNOWN 110 Unknown Natural/Nativ Oakdale (371 Stanislaus 37.87158 / -1 Zone-10 N41 T01S, R11E, NE OF JUNC MAPPED TO SONORA RE SITE NAME	Map Index: 12632 e occurrence 2077) 20.79827 93851 E693654 Sec. 06 (M) CTION OF LITTLEJOHN CF PROVIDED LOCATION D 0, 1.4-1.7 MI W OF FRANK WAS "SONORA ROAD #2. G 2-5 ACRES IN SIZE. CR .OWS, COTTONWOODS, 4	EO Index: Presence: Trend: REEK AND SON ESCRIPTIONS ENHEIMER RD	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: IORA RD, APPROX 7.6 MI NNE OF "NE JUNCTION OF LITTLEJ	Site Last Seen: Record Last Updated: 1/5 mile 200 0.0 OF OAKDALE. OHN CK AND SONORA RD" TORED IN THE UC DAVIS T LACKBERRY & SPARSE CA	1987-06-09 2011-04-17 2016-08-25 AND " RBL PORTAL;
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	2014. UNKNOWN 110 Unknown Natural/Nativ Oakdale (371 Stanislaus 37.87158 / -1 Zone-10 N41 T01S, R11E, NE OF JUNC MAPPED TO SONORA RE SITE NAME WILLOW BO LARGE WILL UNDULATEE APPROXIMA CONFIRMEE	Map Index: 12632 e occurrence 2077) 20.79827 93851 E693654 Sec. 06 (M) CTION OF LITTLEJOHN CF PROVIDED LOCATION D 0, 1.4-1.7 MI W OF FRANK WAS "SONORA ROAD #2. G 2-5 ACRES IN SIZE. CR OWS, COTTONWOODS, 2 D TERRAIN. TELY 250 BIRDS OBSER	EO Index: Presence: Trend: REEK AND SON ESCRIPTIONS ENHEIMER RD EEK & COUNT & BLACK WALN	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: IORA RD, APPROX 7.6 MI NNE OF "NE JUNCTION OF LITTLEJ " COLONY DATA PARTIALLY S	Site Last Seen: Record Last Updated: 1/5 mile 200 0.0 OF OAKDALE. OHN CK AND SONORA RD" TORED IN THE UC DAVIS T LACKBERRY & SPARSE CA ZED ANNUAL GRASSLAND Y YING FOOD, FLEDGED YOL	1987-06-09 2011-04-17 2016-08-25 AND " RBL PORTAL; NOPY OF WITH



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Occurrence No.	150	Map Index: 12552	EO Index:	24686		Element Last Seen:	1987-08-XX
Occ. Rank:	Unknown		Presence:	Presumed Ex	tant	Site Last Seen:	1987-08-XX
Occ. Type:	Natural/Native	occurrence	Trend:	Unknown		Record Last Updated:	1989-08-10
Quad Summary:	Bachelor Valle	av (3712087)				•	
County Summary:	Stanislaus	y (3712007)					
		0.04004			<b>A</b>	4/E	
Lat/Long:	37.89214 / -12				Accuracy:	1/5 mile	
UTM:		6033 E689349			Elevation (ft):	170	
PLSS:	101N, R10E, S	Sec. 35, SW (M)			Acres:	0.0	
Location:	LITTLEJOHNS	S CREEK, AT SONORA RO	DAD CROSSIN	IG, APPROX 9 I	MI ESE OF FARM	IINGTON.	
Detailed Location:							
Ecological:	MARSH AREA	A SUPPORTING APPROX	125 NESTING	PAIRS.			
General:							
Owner/Manager:	UNKNOWN						
Occurrence No.	188	Map Index: 21502	EO Index:	17722		Element Last Seen:	1996-04-20
Occ. Rank:	Fair		Presence:	Presumed Ex	tant	Site Last Seen:	2015-04-20
Occ. Type:	Natural/Native	occurrence	Trend:	Unknown		Record Last Updated:	2016-09-06
Quad Summary:	Jenny Lind (38	312017)					
County Summary:	Calaveras	,					
Lat/Long:	38.04750 / -12	20.83083			Accuracy:	non-specific area	
UTM:		3306 E690334			Elevation (ft):	500	
PLSS:	T02N, R10E, S	Sec. 01, SW (M)			Acres:	54.0	
Location:	TOWER RANG	CH, ABOUT 1.4 MI NE OF	HUNT RD & M	ILTON RD/HW	Y J14 INTERSEC	TION, NE OF MILTON, W OF	GOPHER
Detailed Location:						ICH, APPROX. 100 METERS 1996: HUNT RD, 1.4 MILES E	
Ecological:		LONIES WERE LOCATED			BERRIES (15 X 3	30 METERS); SURROUNDIN	G HABITAT IS
General:	OBS ON 20 A					S NEST BUILDING ON 6 API LL GROUPS, PRESUMED N	
Owner/Manager:	PVT						



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Occurrence No.	197	Map Index: 21583	EO Index:	12243	Element Last Seen:	2005-04-24
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2005-04-24
Occ. Type:		ve occurrence	Trend:	Unknown	Record Last Updated:	2016-09-28
Quad Summary:	Bachelor Va	alley (3712087)			•	
County Summary:	Stanislaus	alley (37 12007)				
Lat/Long:	37.9342 / -1	20.8111		Accuracy:	2/5 mile	
UTM:		200774 E692363		Elevation (ft):	2/3 mile 223	
PLSS:		E, Sec. 18, SW (M)		Acres:	280.0	
			TEDOEOTION			
Location:	CITY.	F HWY 4 & DUNTON RD IN	TERSECTION,	2 MI ESE OF HWY 4 & MILTO	N RD INTERSECTION, W OF	IELEGRAPH
Detailed Location:	PREDOMIN		NY DATA STO	CREEK. APPEARED THAT HO RED IN THE UC DAVIS TRICC REEK."		
Ecological:				RIPARIAN. CATTLE/TURKEY R PED ACCORDING TO PROVID		
General:		DT CONFIRMED. 500-3K PC		G IN 1994. 3K FORAGING IN 19 NG IN 1999. 1.5K LIKELY NES		
Owner/Manager:	PVT					
Occurrence No.	262	Map Index: 24021	EO Index:	4267	Element Last Seen:	2008-04-25
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2015-05-17
	ernare mi					
Осс. Туре:		ve occurrence	Trend:	Unknown	Record Last Updated:	2016-08-12
Occ. Type: Quad Summary:	Natural/Nativ	ve occurrence np (3812015)	Trend:	Unknown	Record Last Updated:	2016-08-12
	Natural/Nativ		Trend:	Unknown	Record Last Updated:	2016-08-12
Quad Summary:	Natural/Nati Angels Cam	ıp (3812015)	Trend:	Unknown Accuracy:	Record Last Updated:	2016-08-12
Quad Summary: County Summary:	Natural/Natir Angels Cam Calaveras 38.10717 / -	ıp (3812015)	Trend:		·	2016-08-12
Quad Summary: County Summary: Lat/Long:	Natural/Natir Angels Cam Calaveras 38.10717 / - Zone-10 N4	np (3812015) .120.57571	Trend:	Accuracy:	1/5 mile	2016-08-12
Quad Summary: County Summary: Lat/Long: UTM:	Natural/Natir Angels Cam Calaveras 38.10717 / - Zone-10 N4 T03N, R13E	np (3812015) 120.57571 220482 E712551		Accuracy: Elevation (ft): Acres:	1/5 mile 1550	2016-08-12
Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Natural/Natir Angels Cam Calaveras 38.10717 / - Zone-10 N4: T03N, R13E 0.5 MILE WI MAPPED A0	np (3812015) 120.57571 220482 E712551 E, Sec. 17, SW (M) EST OF DOGTOWN ROAD, CCORDING TO PROVIDED	2 MILES NNW MAPS AND RC	Accuracy: Elevation (ft): Acres:	1/5 mile 1550 0.0 Y DATA STORED IN THE UC I	
Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Natural/Natir Angels Cam Calaveras 38.10717 / - Zone-10 N4: T03N, R13E 0.5 MILE WI MAPPED A TRICOLORI NESTING S	np (3812015) 120.57571 220482 E712551 E, Sec. 17, SW (M) EST OF DOGTOWN ROAD, CCORDING TO PROVIDED ED BLACKBIRD PORTAL; S SUBSTRATE CONSISTED O	2 MILES NNW MAPS AND RC ITE NAME WAS F BLACKBERR	Accuracy: Elevation (ft): Acres: OF ALTAVILLE. DAD DESIGNATIONS. COLON	1/5 mile 1550 0.0 Y DATA STORED IN THE UC I A RANCH." FORAGING HABITAT IS IRRI	DAVIS
Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Natural/Natir Angels Cam Calaveras 38.10717 / - Zone-10 N4: T03N, R13E 0.5 MILE WI MAPPED A0 TRICOLORI NESTING S GRAZED P/ 150-200 BIF	ap (3812015) 120.57571 220482 E712551 E, Sec. 17, SW (M) EST OF DOGTOWN ROAD, CCORDING TO PROVIDED ED BLACKBIRD PORTAL; S SUBSTRATE CONSISTED O ASTURE WITH SEVERAL S RDS OBS IN 1989; 1 OBS C, ING PHASE IN 1994. 0 OBS	2 MILES NNW MAPS AND RC SITE NAME WAS IF BLACKBERR MALL PONDS. ARRYING FOOI	Accuracy: Elevation (ft): Acres: OF ALTAVILLE. DAD DESIGNATIONS. COLON' S "DOGTOWN ROAD - AIROL/ Y PATCHES; SURROUNDING	1/5 mile 1550 0.0 Y DATA STORED IN THE UC I A RANCH." FORAGING HABITAT IS IRRI E. NO CONTINUOUS PRESENCE	DAVIS GATED, . 1.2K OBS IN



California Department of Fish and Wildlife



Occurrence No.	309	Map Index: 30607	EO Index:	4266	Element Last Seen:	2015-04-20
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2015-05-24
Occ. Type:	Natural/Native	occurrence	Trend:	Unknown	Record Last Updated:	2016-08-11
Quad Summary:	Angels Camp (	3812015)			•	
County Summary:	Calaveras	3012013)				
		0.50250		A	non anacific area	
Lat/Long: UTM:	38.09738 / -120			Accuracy:	non-specific area	
-	Zone-10 N4219			Elevation (ft):	1602	
PLSS:	T03N, R13E, S	ec. 20, E (IVI)		Acres:	40.0	
Location:	WEST OF DOC	GTOWN ROAD, 1 MILE N	OF HWY 4 & H	IWY 49 INTERSECTION, 2 MILE	ES NNW OF ANGELS CAMP.	
Detailed Location:				AD DESIGNATIONS. COLONY S "DOGTOWN ROAD/LAKESIDE		DAVIS
Ecological:				ES. TWO SMALL LAKES VISIBL THAN IN THE PREVIOUS 5 YEA		TING HABITAT
General:		1K OBS IN 2013; NESTIN	,	IESTING. 7.5K OBS IN 1997; NE PR 2014, 600-800 NESTED OBS		
Owner/Manager:	UNKNOWN					
Occurrence No.	372	Map Index: 52418	EO Index:	52418	Element Last Seen:	2014-04-18
Occurrence No. Occ. Rank:	372 Unknown	Map Index: 52418	EO Index: Presence:	52418 Presumed Extant	Element Last Seen: Site Last Seen:	2014-04-18 2014-04-20
		•				
Occ. Rank:	Unknown	occurrence	Presence:	Presumed Extant	Site Last Seen:	2014-04-20
Occ. Rank: Occ. Type:	Unknown Natural/Native	occurrence 2075)	Presence:	Presumed Extant	Site Last Seen:	2014-04-20
Occ. Rank: Occ. Type: Quad Summary:	Unknown Natural/Native Keystone (3712	occurrence 2075) blumne	Presence:	Presumed Extant	Site Last Seen:	2014-04-20
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Unknown Natural/Native Keystone (3712 Stanislaus, Tuc	occurrence 2075) blumne 0.56027	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2014-04-20
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Unknown Natural/Native of Keystone (3712 Stanislaus, Tuc 37.76302 / -120	occurrence 2075) blumne 0.56027 2325 E714905	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: 1/10 mile	2014-04-20
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Unknown Natural/Native of Keystone (3712 Stanislaus, Tuc 37.76302 / -120 Zone-10 N4182 T02S, R13E, S	occurrence 2075) blumne 0.56027 2325 E714905 ec. 17, NE (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 1/10 mile 300 0.0	2014-04-20 2016-09-22
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Unknown Natural/Native ( Keystone (3712 Stanislaus, Tuc 37.76302 / -120 Zone-10 N4182 T02S, R13E, S VICINITY OF T COLONY DAT/	occurrence 2075) blumne 0.56027 2325 E714905 ec. 17, NE (M) THE CLAY PITS JUST NO A STORED IN THE UC DA	Presence: Trend: RTHWEST OF	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1/10 mile 300 0.0 'UOLOMNE/STANISLAUS CO	2014-04-20 2016-09-22 DUNTY LINE.
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Unknown Natural/Native ( Keystone (3712 Stanislaus, Tuc 37.76302 / -120 Zone-10 N4182 T02S, R13E, S VICINITY OF T COLONY DAT/ ACCORDING T	occurrence 2075) blumne 0.56027 2325 E714905 ec. 17, NE (M) HE CLAY PITS JUST NO A STORED IN THE UC DA TO PROVIDED COORDIN D PASTURE. A WATER-FI	Presence: Trend: RTHWEST OF AVIS TRICOLC ATES AND LC	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: ROCK RIVER ROAD ON THE T RED BLACKBIRD PORTAL; SIT	Site Last Seen: Record Last Updated: 1/10 mile 300 0.0 'UOLOMNE/STANISLAUS CO 'E NAME WAS "CLAY PIT." M	2014-04-20 2016-09-22 DUNTY LINE. MAPPED
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Unknown Natural/Native ( Keystone (3712 Stanislaus, Tuc 37.76302 / -120 Zone-10 N4182 T02S, R13E, S VICINITY OF T COLONY DAT/ ACCORDING T UNIRRIGATED VEGETATION. 550 BIRDS OB OBSERVED O	occurrence 2075) olumne 0.56027 2325 E714905 ec. 17, NE (M) THE CLAY PITS JUST NO A STORED IN THE UC DA TO PROVIDED COORDIN O PASTURE. A WATER-FI SERVED NESTING IN 20	Presence: Trend: Trend: RTHWEST OF AVIS TRICOLC AVIS TRICOLC LLED PIT CRE 01. 50 BIRDS 0	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: ROCK RIVER ROAD ON THE T RED BLACKBIRD PORTAL; SIT CATION IN UCD PORTAL.	Site Last Seen: Record Last Updated: 1/10 mile 300 0.0 UOLOMNE/STANISLAUS CO E NAME WAS "CLAY PIT." M DUNDED BY A BAND OF MAR	2014-04-20 2016-09-22 DUNTY LINE. MAPPED RSH 08. 150 BIRDS



California Department of Fish and Wildlife



Occurrence No.	742	Map Index: A1360	EO Index:	102931	Element Last Seen:	2015-05-17
Occ. Rank:	Unknown	•	Presence:	Presumed Extant	Site Last Seen:	2015-05-17
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown	Record Last Updated:	2016-10-04
Quad Summary:	Copperopolis	\$ (3712086)				
County Summary:	Calaveras					
Lat/Long:	37.9837 / -12	20.6486		Accuracy:	2/5 mile	
UTM:	Zone-10 N42	206615 E706507		Elevation (ft):	986	
PLSS:	T02N, R12E,	Sec. 34 (M)		Acres:	280.0	
Location:	ABOUT 0.75	MI NNE OF HWY 4 & HOD	SON RD INTER	RSECTION, COOPEROPOLIS.		
Detailed Location:	MAPPED AS TRICOLORE	BEST GUESS TO PROVID	ED LOCATION	I DESCRIPTIONS AND MAPS. C RE "COPPEROPOLIS RESERVO		
Ecological:	CATTAILS. C	GRASSY FIELDS WITH LIVI	ESTOCK IN AD	JACENT AREA.		
General:	COLONY 22			3S ON 20 APR 1996. 26 OBS ON MAY 2014. 200 OBS ON 17 MA		
Owner/Manager:	UNKNOWN					
Occurrence No.	921	Map Index: A1434	EO Index:	103021	Element Last Seen:	2014-06-01
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2015-05-23
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown	Record Last Updated:	2016-08-11
Quad Summary:	Angels Camp	o (3812015)				
County Summary:	Calaveras					
Lat/Long:						
UTM:	38.1119 / -12	20.5946		Accuracy:	1/10 mile	
		20.5946 220964 E710881		Accuracy: Elevation (ft):	1/10 mile 1200	
PLSS:	Zone-10 N42			•		
	Zone-10 N42 T03N, R12E,	220964 E710881 Sec. 13, E (M)	AVE RD INTER	Elevation (ft):	1200 18.0	
PLSS:	Zone-10 N42 T03N, R12E, ABOUT 0.4 N LOCATION I BLACKBIRD	220964 E710881 , Sec. 13, E (M) MI E OF HWY 49 & COSGR N GENERAL WAS DIFFICU	ILT TO OBSER	Elevation (ft): Acres:	1200 18.0 VILLE POST OFFICE. I THE UC DAVIS TRICOLOR	
PLSS: Location:	Zone-10 N42 T03N, R12E, ABOUT 0.4 N LOCATION I BLACKBIRD PROVIDED I THE NESTIN	220964 E710881 Sec. 13, E (M) MI E OF HWY 49 & COSGR. N GENERAL WAS DIFFICU PORTAL; SITE NAME WAS IN THE PORTAL. IG AREA CONSISTED OF H	ILT TO OBSER S "HIGHWAY 4! HIMALAYAN BL	Elevation (ft): Acres: SECTION, 3.2 MI NW OF ALTA VE. COLONY DATA STORED IN	1200 18.0 VILLE POST OFFICE. THE UC DAVIS TRICOLOR PED ACCORDING TO THE L	OCATION MAY BE A
PLSS: Location: Detailed Location:	Zone-10 N42 T03N, R12E, ABOUT 0.4 M LOCATION I BLACKBIRD PROVIDED I THE NESTIN POSSIBLE A 150 OBS ON JUN 2014; A	220964 E710881 Sec. 13, E (M) MI E OF HWY 49 & COSGR N GENERAL WAS DIFFICU PORTAL; SITE NAME WAS N THE PORTAL. NG AREA CONSISTED OF H NETERNATE SITE TO THE T L26 APR 2014; BIRDS APP	ILT TO OBSER 5 "HIGHWAY 49 HIMALAYAN BL TWO SITES TO EARED TO BE	Elevation (ft): Acres: SECTION, 3.2 MI NW OF ALTA VE. COLONY DATA STORED IN 9 NEAR COSGRAVE RD." MAPP ACKBERRY ON THE EDGE OF	1200 18.0 VILLE POST OFFICE. THE UC DAVIS TRICOLOR PED ACCORDING TO THE L A RESERVOIR. THIS SITE I (OCCURRENCES 262 & 309 7 MAY 2014; FORAGING. 80	OCATION MAY BE A )). OBS ON 1



California Department of Fish and Wildlife



Occurrence No.	922	Map Index: A1442	EO Index:	103029	Element Last Seen:	2014-05-04
Occ. Rank:	Unknown	-	Presence:	Presumed Extant	Site Last Seen:	2015-05-23
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown	Record Last Updated:	2016-08-12
Quad Summary:	Bachelor Val	ley (3712087)				
County Summary:	Stanislaus					
Lat/Long:	37.92054 / -1	20.84214		Accuracy:	specific area	
UTM:	Zone-10 N41	99195 E689670		Elevation (ft):	183	
PLSS:	T01N, R10E,	Sec. 23, SE (M)		Acres:	18.0	
Location:	AREA JUST	E OF MILTON RD BRIDGE	OVER HOODS	S CREEK, 1.7 MI S OF HWY 4, 1	.9 MI N OF EUGENE.	
Detailed Location:				RED BLACKBIRD PORTAL; SIT		I RD" AND
Ecological:	HABITAT CC	MPOSED OF HIMALAYAN	BLACKBERR	. BLACKBERRIES ALONG THE	BANK OF HOODS CREEK.	
General:		ON 27 APR. 2K+ OBS CARF		D FORAGING ON 21 APR 2014, DR NEST BUILDING ON 4 MAY 2		
Owner/Manager:	PVT					
Occurrence No.	923	Map Index: A1444	EO Index:	103031	Element Last Seen:	2015-05-24
Occurrence No. Occ. Rank:	923 Unknown	Map Index: A1444	EO Index: Presence:	103031 Presumed Extant	Element Last Seen: Site Last Seen:	2015-05-24 2015-05-24
	Unknown	Map Index: A1444				
Occ. Rank:	Unknown Natural/Nativ	·	Presence:	Presumed Extant	Site Last Seen:	2015-05-24
Occ. Rank: Occ. Type:	Unknown Natural/Nativ	e occurrence	Presence:	Presumed Extant	Site Last Seen:	2015-05-24
Occ. Rank: Occ. Type: Quad Summary:	Unknown Natural/Nativ Bachelor Val	e occurrence ley (3712087)	Presence:	Presumed Extant	Site Last Seen:	2015-05-24
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Unknown Natural/Nativ Bachelor Val Stanislaus 37.885 / -120	e occurrence ley (3712087)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2015-05-24
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Unknown Natural/Nativ Bachelor Val Stanislaus 37.885 / -120 Zone-10 N41	ley (3712087)	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: 1/10 mile	2015-05-24
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Unknown Natural/Nativ Bachelor Val Stanislaus 37.885 / -120 Zone-10 N41 T01S, R10E,	e occurrence ley (3712087) ).8295 95276 E690873 Sec. 1, NW (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 1/10 mile 195 18.0	2015-05-24 2016-08-12
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Unknown Natural/Nativ Bachelor Val Stanislaus 37.885 / -120 Zone-10 N41 T01S, R10E, ON N SIDE C COLONY DA MAPPED AC	e occurrence ley (3712087) 0.8295 95276 E690873 Sec. 1, NW (M) DF SONARA RD, ABOUT 1. TA STORED IN THE UC D	Presence: Trend: .3 MI SE OF IN AVIS TRICOLC	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1/10 mile 195 18.0 D, NE OF WOODWARD RES E NAME WAS "SONORA RC	2015-05-24 2016-08-12 ERVOIR. DAD #3."
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Unknown Natural/Nativ Bachelor Val Stanislaus 37.885 / -120 Zone-10 N41 T01S, R10E, ON N SIDE 0 COLONY DA MAPPED AC OCCUPIED I PREDOMINA	e occurrence ley (3712087) 0.8295 95276 E690873 Sec. 1, NW (M) DF SONARA RD, ABOUT 1. TA STORED IN THE UC D CORDING TO PROVIDED BY BIRDS IN 2014. ANT NESTING SUBSTRATE D BY REMOVAL OF BLACK	Presence: Trend: 3 MI SE OF IN AVIS TRICOLC COORDINATE E COMPOSED	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: TERSECTION WITH MILTON RE DRED BLACKBIRD PORTAL; SIT	Site Last Seen: Record Last Updated: 1/10 mile 195 18.0 D, NE OF WOODWARD RES E NAME WAS "SONORA RC RAMBLES (AT LEAST 6) OF . ABOUT HALF THE COLON	2015-05-24 2016-08-12 ERVOIR. DAD #3." BLACKBERRY Y WAS
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Unknown Natural/Nativ Bachelor Val Stanislaus 37.885 / -120 Zone-10 N41 T01S, R10E, ON N SIDE O COLONY DA MAPPED AC OCCUPIED I PREDOMINA DESTROYEI ADULTS CO 2014: 12KBII VERY ACTIV	e occurrence ley (3712087) 0.8295 95276 E690873 Sec. 1, NW (M) DF SONARA RD, ABOUT 1 NTA STORED IN THE UC D CORDING TO PROVIDED BY BIRDS IN 2014. ANT NESTING SUBSTRATE D BY REMOVAL OF BLACK NFIRMED. RDS OBSERVED ON 21 AF	Presence: Trend: 3 MI SE OF IN AVIS TRICOLO COORDINATE E COMPOSED (BERRIES ON ) PR; SOME CAR	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: TERSECTION WITH MILTON RE DRED BLACKBIRD PORTAL; SIT S IN THE PORTAL. SEVERAL B OF HIMALAYAN BLACKBERRY	Site Last Seen: Record Last Updated: 1/10 mile 195 18.0 D, NE OF WOODWARD RES E NAME WAS "SONORA RC RAMBLES (AT LEAST 6) OF ABOUT HALF THE COLON NESTS, 62 DEAD YOUNG, A STILL PRESENT BY 27 APR;	2015-05-24 2016-08-12 ERVOIR. DAD #3." BLACKBERRY Y WAS ND 2 DEAD COLONY



California Department of Fish and Wildlife



Occurrence No.         927         Map Index: A1584         EO Index:         10317         Element Last Seen:         2015-05-23           Occ. Type:         Natural/Native occurrence         Trend:         Unknown         Record Last Updated:         2015-05-23           Ouc Jamary:         Bachelor Valley (3712087)         Record Last Updated:         2016-08-25           County Summary:         Stanislaus         Stanislaus         Non-specific area         UTM:           Lat/Long:         37.99001 / 120.84565         Kecuracy:         non-specific area         Ferdicitian           UTM:         Zone-10 N4206891 E688927         Elevation (ft):         211         Ferdicitian           Location:         ALOGS MILTON RD, Zr M S OF ROCK CREEK RD INTERSECTION, 32 M IN OF HWY 4, 02 M (MO P MILTON RD A; M S OF ROCK OCLOWY DATA STORED IN THE UC DAVIS TRICOLORED BLACKBIRD PORTAL; SITE NAME WAS MILTON RD 41.           Detailed Location:         LOCATION DESCRIBED AS 'MILTON RDA, SOUTH OF CALAVERAS COUNTY LINE" AND 'MILTON RD 3.1.3.3 N OF HWY 4, 02 M (MO RM A; NA REA WITH OT HER BLACKBIRDS. GENERAL AREA COMPOSED OF GRASSLANDS.           General:         400 OBS NESTING ON 23 APR 1987; SOU OBS ON 23.24 APR 1994; HESTING SUSPECTED, 120 DBS ON APR-MAY 2014. 00 N APR-MAY 2015.           Occurrence No.         951         Map Index: B2917         E0 Index:         114847         Elevation (ft):         214            UNKN							
Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2016-08-25         Quad Summary:       Bachelor Valley (3712087)	Occurrence No.	927	Map Index: A1584	EO Index:	103177	Element Last Seen:	2008-04-25
Quad Summary:       Bachelor Valley (3712087)         Coundy Summary:       Stanislaus         Lat/Long:       37.99001 / -120.84856       Accuracy:       non-specific area         UTM:       Zone-10 N4206891 E688927       Elevation (ft):       211         PLSS:       T02N, R10E, Sec. 26, SW (M)       Acres:       66.0         Location:       ALONG MILTON RD, 2.7 MI S OF ROCK CREEK RD INTERSECTION, 3.2 MI NO FHWY 4, S OF MILTON RD 3.1-3.3 N OF HWY 4, Or MILTON RD 3.1-3.2 N OF MILTON ROAD, SOUTH OF CALAVERAS COUNTY LINF* AND "MILTON RD 3.1-3.3 N OF HWY 4, OR MILTON RD 3.1-3.2 N OF MIW 4, S OF MILTON RD 4.1.         Detailed Location:       LOCATION DESCRIBED AS "MILTON ROAD, SOUTH OF CALAVERAS COUNTY LINF* AND "MILTON RD 3.1-3.2 N OF HWY 4, ON APR + MAY 2015.         General:       +000 BS NESTING ON 23 APR 1987. 500 OBS ON 23-24 APR 1994; NESTING SUSPECTED, 120 OBS ON 24 APR 1999. 5.5K POSSIBLY NESTED ON 22 MAY 2015.         Owner/Manager:       UNKNOWN         Occurrence No.       951       Map Index: B2917       EO Index:       114847       Element Last Seen:       2016-05-30         Occ. Rank:       Unknown       Presence:       Presumed Extant       Site Last Updated:       2019-04-19         Quad Summary:       Bachelor Valley (3712087)       County Sumary:       Stanisiaus       2016-05-30     <	Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2015-05-23
County Summary:       Stanislaus         Lat/Long:       37.99001 / -120.84856       Accuracy:       non-specific area         UTM:       Zone-10 N4206891 E688927       Elevation (ft):       211         PLSS:       T02N, R10E, Sec. 26, SW (M)       Acres:       66.0         Location:       ALONG MILTON RD, 2.7 MI S OF ROCK CREEK RD INTERSECTION, 3.2 MI NO FHWY 4, S OF MILTON RD 3.1-3.3 N OF HWY 4, OLA MILTON RD 41.''         Detailed Location:       LOCATION DESCREPAD AS 'MILTON ROAD, SOUTH OF CALAVERAS COUNTY LINF* AND 'MILTON RD 3.1-3.3 N OF HWY 4, OLA MILTON RD 41.''         Ecological:       NESTING IN A RIPARIAN AREA WITH OTHER BLACKBIRDS, GENERAL AREA COMPOSED OF GRASSLANDS.         General:       400 OBS NESTING ON 23 APR 1987. 500 OBS ON 23-24 APR 1994; NESTING SUSPECTED. 120 OBS ON 24 APR 1999. 5.5K POSSIELY NESTED DO 22 MAY 2015.         Owner/Manager:       UNKNOWN         Occ. Rank:       UNKNOWN         Occ. Rank:       UNKNOWN         Quad Summary:       Bachelor Valley (3712087)         County Summary:       Stanislaus         Lat/Long:       37.87911 / -120.81285       Accuracy:       1/5 mile         UTM:       Zone-10 N4194657 E692352 </th <th>Осс. Туре:</th> <th>Natural/Native</th> <th>e occurrence</th> <th>Trend:</th> <th>Unknown</th> <th>Record Last Updated:</th> <th>2016-08-25</th>	Осс. Туре:	Natural/Native	e occurrence	Trend:	Unknown	Record Last Updated:	2016-08-25
Lat/Long:       37.99001 /-120.84856       Accuracy::       non-specific area         UTM:       Zone-10 N4206891 E688927       Elevation (ft):       211         PLSS:       T02N, R10E, Sec. 26, SW (M)       Acres:       66.0         Location:       ALONG MILTON RD, 2.7 MI S OF ROCK CREEK RD INTERSECTION, 3.2 MI N OF HWY 4, S OF MILTON.         Detailed Location:       LOCATION DESCRIBED AS 'MILTON ROAD, SOUTH OF CALAVERAS COUNTY LINE" AND 'MILTON RD 3.1-3.3 N OF HWY 4, 0, 0, 2 MW OF MILTON RD, *COLONY DATA STORED IN THE UC DAVIS TRICOLORED BLACKBIRD PORTAL; SITE NAME WAS 'MILTON RD #1."         Ecological:       NESTING IN A RIPARIAN AREA WITH OTHER BLACKBIRDS, GENERAL AREA COMPOSED OF GRASSLANDS.         General:       400 OBS NESTING ON 23 APR 1987. 500 OBS ON 23-24 APR 1994; NESTING SUSPECTED. 120 OBS ON 24 APR 1999. 5.6K POSSIBLY NESTED ON 22 MAY 2005. 12.5K OBS NESTING ON 25 APR 2008. 200 OBS IN 2011. 20-50 OBS ON APR-MAY 2014. 0 ON APR-MAY 2015.         Owner/Manager:       UNKNOWN         Occurrence No.       951       Map Index: B2917       EO Index: 114847       Element Last Seen: 2016-05-30         Occ. Rank:       Unknown       Presence:       Presumed Extant       Site Last Updated: 2019-04-19         Quad Summary:       Bachelor Valley (3712087)       County Summary: Stanislaus       214         Lat/Long:       37.87911 /-120.81285       Accuracy: 1/5 mile       1/5 mile         UTM:       Zone-10 N419465	Quad Summary:	Bachelor Valle	ey (3712087)				
UTM:       Zone-10 N4208891 E688927       Elevation (ft):       211         PLSS:       T02N, R10E, Sec. 26, SW (M)       Acres:       66.0         Location:       ALONG MILTON RD, 2.7 MI S OF ROCK CREEK RD INTERSECTION, 3.2 MI N OF HWY 4, S OF MILTON.         Detailed Location:       LOCATION DESCRIEED AS "MILTON ROAD, SOUTH OF CALAVERAS COUNTY LINE" AND "MILTON RD 3.1-3.3 N OF HWY 4, S OF MILTON RD 7.1-3.3 N OF HWY 4, S OF S	County Summary:	Stanislaus					
PLSS:       TO2N, R10E, Sec. 26, SW (M)       Acres:       66.0         Location:       ALONG MILTON RD, 2.7 MI S OF ROCK CREEK RD INTERSECTION, 3.2 MI N OF HWY 4, S OF MILTON.         Detailed Location:       LOCATION DESCRIBED AS "MILTON ROAD, SOUTH OF CALAVERAS COUNTY LINE" AND "MILTON RD 3.1-3.3 N OF HWY 4, 0.2 MI W OF MILTON RD 7.0 COLONY DATA STORED IN THE UC DAVIS TRICOLORED BLACKBIRD PORTAL; SITE NAME WAS "MILTON RD 41.1".         Ecological:       NESTING IN A RIPARIAN AREA WITH OTHER BLACKBIRDS. GENERAL AREA COMPOSED OF GRASSLANDS.         General:       400 OBS NESTING ON 23 APR 1987. 500 OBS ON 23-24 APR 1994. NESTING SUSPECTED. 120 OBS ON 24 APR 1999. 5.6K POSSIBLY NESTED ON 22 MAY 2005. 12.5K OBS NESTING ON 25 APR 2008. 200 OBS IN 2011. 20-50 OBS ON APR-MAY 2014. 0 ON APR-MAY 2015.         Owner/Manager:       UNKNOWN         Occ. Rank:       Unknown         Presence:       Presumed Extant         Site Last Seen:       2016-05-30         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2019-04-19         Quad Summary:       Stanislaus       Lat/Long:       37.87911 / -120.81285       Accuracy:       1/5 mile         Lat/Long:       37.87911 / 120.81285       Accuracy:       1/5 mile       PLSS:       TO1S, R11E, Sec. 6, W (M)       Acres:       70.0         Location:       S SIDE OF SONGRA RD, ABOUT 1.6 MI ESE OF 28 MILE RD INTERSECTION, EUGENE.	Lat/Long:	37.99001 / -12	20.84856		Accuracy:	non-specific area	
Location:       ALONG MILTON RD, 2.7 MI S OF ROCK CREEK RD INTERSECTION, 3.2 MI N OF HWY 4, S OF MILTON.         Detailed Location:       LOCATION DESCRIBED AS "MILTON ROAD, SOUTH OF CALAVERAS COUNTY LINE" AND "MILTON RD 3.1-3.3 N OF HWY 4, 0.2 MI W OF MILTON RD, "COLONY DATA STORED IN THE UC DAVIS TRICOLORED BLACKBIRD PORTAL; SITE NAME WAS "MILTON RD #1."         Ecological:       NESTING IN A RIPARIAN AREA WITH OTHER BLACKBIRDS. GENERAL AREA COMPOSED OF GRASSLANDS.         General:       400 OBS NESTING ON 23 APR 1987. 500 OBS ON 23-24 APR 1994; NESTING SUSPECTED. 120 OBS ON 24 APR 1999. 5.5K POSSIBLY NESTED ON 22 MAY 2005. 12.5K OBS NESTING ON 25 APR 2008. 200 OBS IN 2011. 20-50 OBS ON APR-MAY 2015.         Owner/Manager:       UNKNOWN         Occurrence No.       951         Map Index: B2917       EO Index:       114847         Presence:       Presumed Extant       Site Last Seen:       2016-05-30         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2019-04-19         Quad Summary:       Bachelor Valley (3712087)       County Summary:       Stanislaus       Lat/Long:       71.5 mile         Lat/Long:       37.87911 / 120.81285       Accuracy:       1/5 mile       UIN         UTM:       Zone-10 N4194657 E692352       Elevation (ft):       214       PLSS:       TO15, R11E, Sec. 6, W (M)       Acres:       70.0         Location:	UTM:	Zone-10 N420	06891 E688927		Elevation (ft):	211	
Detailed Location:       LOCATION DESCRIBED AS "MILTON ROAD, SOUTH OF CALAVERAS COUNTY LINE" AND "MILTON RD 3.1-3.3 N OF HWY 4, 0.2 MI W OF MILTON RD." COLONY DATA STORED IN THE UC DAVIS TRICOLORED BLACKBIRD PORTAL; SITE NAME WAS "MILTON RD 41."         Ecological:       NESTING IN A RIPARIAN AREA WITH OTHER BLACKBIRDS. GENERAL AREA COMPOSED OF GRASSLANDS.         General:       400 OBS NESTING ON 23 APR 1987. 500 OBS ON 23-24 APR 1994; NESTING SUSPECTED. 120 OBS ON 24 APR 1999. 5.5K POSSIBLY NESTED ON 22 MAY 2005. 12.5K OBS NESTING ON 25 APR 2008. 200 OBS IN 2011. 20-50 OBS ON APR-MAY 2014. 0 ON APR-MAY 2015.         Owner/Manager:       UNKNOWN         Occurrence No.       951       Map Index: B2917       EO Index: 114847       Element Last Seen: 2016-05-30         Occ. Rank:       Unknown       Presence:       Presumed Extant       Site Last Seen: 2016-05-30         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated: 2019-04-19         Quad Summary:       Bachelor Valley (3712087)       County Summary:       Stanislaus       Lat/Long: 37.87911 / -120.81285       Accuracy: 1/5 mile         Lat/Long:       37.87911 / -120.81285       Accuracy: 1/5 mile       UNK       PUSS:         Detailed Location:       S SIDE OF SONORA RD, ABOUT 1.6 MI ESE OF 28 MILE RD INTERSECTION, EUGENE:       Detailed Location:       S SIDE OF SONORA RD, ABOUT 1.6 MI ESE OF 28 MILE RD INTERSECTION, EUGENE:         Detailed Location:       COLONY DAT	PLSS:	T02N, R10E,	Sec. 26, SW (M)		Acres:	66.0	
0.2 MI W OF MILTON RD." COLONY DATA STORED IN THE UC DAVIS TRICOLORED BLACKBIRD PORTAL; SITE NAME WAS "MILTON RD #1."         Ecological:       NESTING IN A RIPARIAN AREA WITH OTHER BLACKBIRDS. GENERAL AREA COMPOSED OF GRASSLANDS.         General:       400 OBS NESTING ON 23 APR 1987. 500 OBS ON 23-24 APR 1994; NESTING SUSPECTED. 120 OBS ON 24 APR 1999. 5.5K POSSIBLY NESTED ON 22 MAY 2005. 12.5K OBS NESTING ON 25 APR 2008. 200 OBS IN 2011. 20-50 OBS ON APR-MAY 2014. 0 ON APR-MAY 2015.         Owner/Manager:       UNKNOWN         Occurrence No.       951       Map Index: B2917       EO Index: 114847       Element Last Seen: 2016-05-30         Occ. Rank:       Unknown       Presence:       Presumed Extant       Site Last Seen: 2016-05-30         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated: 2019-04-19         Quad Summary:       Bachelor Valley (3712087)       Elevation (ft):       214         County Summary:       Stanislaus       Isanislaus       Isanislaus         Lat/Long:       37.87911 / -120.81285       Accuracy:       1/5 mile         UTM:       Zone-10 NA194657 E692352       Elevation (ft):       214         PLSS:       T01S, R11E, Sec. 6, W (M)       Acres:       70.0         Location:       S SIDE OF SONORA RD, ABOUT 1.6 MI ESE OF 28 MILE RD INTERSECTION, EUGENE.       Detailed Location:         OSONORA ROAD	Location:	ALONG MILT	ON RD, 2.7 MI S OF ROCH	K CREEK RD IN	ITERSECTION, 3.2 MI N OF HV	VY 4, S OF MILTON.	
General:       400 OBS NESTING ON 23 APR 1987. 500 OBS ON 23-24 APR 1994; NESTING SUSPECTED. 120 OBS ON 24 APR 1999. 5.5K POSSIBLY NESTED ON 22 MAY 2005. 12.5K OBS NESTING ON 25 APR 2008. 200 OBS IN 2011. 20-50 OBS ON APR-MAY 2014. O ON APR-MAY 2015.         Owner/Manager:       UNKNOWN         Occ. Rank:       Unknown         Presence:       Presumed Extant         Site Last Seen:       2016-05-30         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2019-04-19         Quad Summary:       Bachelor Valley (3712087)       County Summary:       Stanislaus       I/5 mile         Lat/Long:       37.87911 / -120.81285       Accuracy:       1/5 mile       144         PLSS:       T01S, R11E, Sec. 6, W (M)       Acres:       70.0       10         Location:       S SIDE OF SONORA RD, ABOUT 1.6 MI ESE OF 28 MILE RD INTERSECTION, EUGENE.       Detailed Location:       SONORA ROAD POND' & "SONORA ROAD #1." IT IS POSSIBLE THAT THE LARGE FLOCK OBSERVED ON 10 MAY 2016 MOVED TO SONORA #3 FOR A SECOND WAVE OF NESTING.         Ecological:       NESTING IN MILK THISTLE AND TULES. GRAZED ANNUAL GRASSLAND. NEAR POND WITH SOME CATTAILS.         General:       TOP CAMARTAL Y 2016 BIRS OBSERVED ON 10 MAY 2016; NESTING MATERIAL/FLEUCINGS OBSERVED. SO SON 30 MAY 2016; BRINGING FOOD TO NESTS.	Detailed Location:	0.2 MI W OF I	MILTON RD." COLONY DA	'			,
POSSIBLY NESTED ON 22 MAY 2005. 12.5K OBS NESTING ON 25 APR 2008. 200 OBS IN 2011. 20-50 OBS ON APR-MAY 2014. 0 ON APR-MAY 2015.         Owner/Manager:       UNKNOWN         Occurrence No.       951       Map Index: B2917       EO Index: 114847       Element Last Seen: 2016-05-30         Occ. Rank:       Unknown       Presence: Presumed Extant       Site Last Seen: 2016-05-30         Occ. Type:       Natural/Native occurrence       Trend: Unknown       Record Last Updated: 2019-04-19         Quad Summary:       Bachelor Valley (3712087)       County Summary: Stanislaus       Accuracy: 1/5 mile         Lat/Long:       37.87911 / -120.81285       Accuracy: 1/5 mile       Itelevation (ft): 214         PLSS:       T01S, R11E, Sec. 6, W (M)       Acres: 70.0       Itelevation (ft): 214         PLSS:       T01S, R11E, Sec. 6, W (M)       Acres: 70.0       Itelevation (ft): 214         Detailed Location:       S SIDE OF SONORA RD, ABOUT 1.6 MI ESE OF 28 MILE RD INTERSECTION, EUGENE.       Detailed Location: SONORA ROAD ph.T it IS POSSIBLE THAT THE LARGE FLOCK OBSERVED ON 10 MAY 2016 MOVED TO SONORA AF A SECOND WAVE OF NESTING.         Ecological:       NESTING IN MILK THISTLE AND TULES. GRAZED ANNUAL GRASSLAND. NEAR POND WITH SOME CATTAILS.         General:       TWO FORAGING FLOCKS OF 25 AND 110 OBSERVED ON 23 APR 1994. 0 OBSERVED ON 17 APR 2011 AND 18 APR 2015. APPROXIMATELY 2006 BIRDS OBSERVED ON 10 MAY 2016; BRINGING FOOD TO NESTS. <th>Ecological:</th> <th>NESTING IN</th> <th>A RIPARIAN AREA WITH</th> <th>OTHER BLACK</th> <th>BIRDS. GENERAL AREA COMI</th> <th>POSED OF GRASSLANDS.</th> <th></th>	Ecological:	NESTING IN	A RIPARIAN AREA WITH	OTHER BLACK	BIRDS. GENERAL AREA COMI	POSED OF GRASSLANDS.	
Occurrence No.951Map Index: B2917EO Index:114847Element Last Seen:2016-05-30Occ. Rank:UnknownPresence:Presumed ExtantSite Last Seen:2016-05-30Occ. Type:Natural/Native occurrenceTrend:UnknownRecord Last Updated:2019-04-19Quad Summary:Bachelor Valley (3712087)County Summary:StanislausAccuracy:1/5 mile1/5 mileLat/Long:37.87911 / -120.81285Accuracy:1/5 mile1/5 mileElevation (ft):214PLSS:T01S, R11E, Sec. 6, W (M)Acres:70.0County Sumer and	General:	POSSIBLY N	ESTED ON 22 MAY 2005.				
Occ. Rank:       Unknown       Presence:       Presumed Extant       Site Last Seen:       2016-05-30         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2019-04-19         Quad Summary:       Bachelor Valley (3712087)       Unknown       Record Last Updated:       2019-04-19         Quad Summary:       Bachelor Valley (3712087)       Accuracy:       1/5 mile       Image:       2016-05-30         County Summary:       Stanislaus       Accuracy:       1/5 mile       Image:       Image:       37.87911 / -120.81285       Accuracy:       1/5 mile         UTM:       Zone-10 N4194657 E692352       Elevation (ft):       214       PLSS:       T01S, R11E, Sec. 6, W (M)       Acres:       70.0         Location:       S SIDE OF SONORA RD, ABOUT 1.6 MI ESE OF 28 MILE RD INTERSECTION, EUGENE.       Detailed Location:       COLONY DATA STORED IN THE UC DAVIS TRICOLORED BLACKBIRD; SITE NAMES WERE "SONORA ROAD POND" & "SONORA ROAD #1." IT IS POSSIBLE THAT THE LARGE FLOCK OBSERVED ON 10 MAY 2016 MOVED TO SONORA #3 FOR A SECOND WAVE OF NESTING.         Ecological:       NESTING IN MILK THISTLE AND TULES. GRAZED ANNUAL GRASSLAND. NEAR POND WITH SOME CATTAILS.         General:       TWO FORAGING FLOCKS OF 25 AND 110 OBSERVED ON 23 APR 1994. 0 OBSERVED ON 17 APR 2011 AND 18 APR 2015. APPROXIMATELY 2000 BIRDS OBSERVED ON 10 MAY 2016; NESTING MATERIAL/FLEDGLINGS OBSERVED. 50 OBS ON 30 MAY 2016; BR	Owner/Manager:	UNKNOWN					
Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2019-04-19         Quad Summary:       Bachelor Valley (3712087)       County Summary:       Stanislaus       Information of the standard st	Occurrence No.	951	Map Index: B2917	EO Index:	114847	Element Last Seen:	2016-05-30
Quad Summary:       Bachelor Valley (3712087)         County Summary:       Stanislaus         Lat/Long:       37.87911 / -120.81285       Accuracy:       1/5 mile         UTM:       Zone-10 N4194657 E692352       Elevation (ft):       214         PLSS:       T01S, R11E, Sec. 6, W (M)       Acres:       70.0         Location:       S SIDE OF SONORA RD, ABOUT 1.6 MI ESE OF 28 MILE RD INTERSECTION, EUGENE.         Detailed Location:       COLONY DATA STORED IN THE UC DAVIS TRICOLORED BLACKBIRD; SITE NAMES WERE "SONORA ROAD POND" & "SONORA ROAD #1." IT IS POSSIBLE THAT THE LARGE FLOCK OBSERVED ON 10 MAY 2016 MOVED TO SONORA #3 FOR A SECOND WAVE OF NESTING.         Ecological:       NESTING IN MILK THISTLE AND TULES. GRAZED ANNUAL GRASSLAND. NEAR POND WITH SOME CATTAILS.         General:       TWO FORAGING FLOCKS OF 25 AND 110 OBSERVED ON 23 APR 1994. 0 OBSERVED ON 17 APR 2011 AND 18 APR 2015. APPROXIMATELY 2000 BIRDS OBSERVED ON 10 MAY 2016; NESTING MATERIAL/FLEDGLINGS OBSERVED. 50 OBS ON 30 MAY 2016; BRINGING FOOD TO NESTS.		001					2010 00 00
County Summary:       Stanislaus         Lat/Long:       37.87911 / -120.81285       Accuracy:       1/5 mile         UTM:       Zone-10 N4194657 E692352       Elevation (ft):       214         PLSS:       T01S, R11E, Sec. 6, W (M)       Acres:       70.0         Location:       S SIDE OF SONORA RD, ABOUT 1.6 MI ESE OF 28 MILE RD INTERSECTION, EUGENE.         Detailed Location:       COLONY DATA STORED IN THE UC DAVIS TRICOLORED BLACKBIRD; SITE NAMES WERE "SONORA ROAD POND" & "SONORA ROAD #1." IT IS POSSIBLE THAT THE LARGE FLOCK OBSERVED ON 10 MAY 2016 MOVED TO SONORA #3 FOR A SECOND WAVE OF NESTING.         Ecological:       NESTING IN MILK THISTLE AND TULES. GRAZED ANNUAL GRASSLAND. NEAR POND WITH SOME CATTAILS.         General:       TWO FORAGING FLOCKS OF 25 AND 110 OBSERVED ON 23 APR 1994. 0 OBSERVED ON 17 APR 2011 AND 18 APR 2015. APPROXIMATELY 2000 BIRDS OBSERVED ON 10 MAY 2016; NESTING MATERIAL/FLEDGLINGS OBSERVED. 50 OBS ON 30 MAY 2016; BRINGING FOOD TO NESTS.	Occ. Rank:			Presence:	Presumed Extant	Site Last Seen:	
Lat/Long:       37.87911 / -120.81285       Accuracy:       1/5 mile         UTM:       Zone-10 N4194657 E692352       Elevation (ft):       214         PLSS:       T01S, R11E, Sec. 6, W (M)       Acres:       70.0         Location:       S SIDE OF SONORA RD, ABOUT 1.6 MI ESE OF 28 MILE RD INTERSECTION, EUGENE.       Detailed Location:       COLONY DATA STORED IN THE UC DAVIS TRICOLORED BLACKBIRD; SITE NAMES WERE "SONORA ROAD POND" & "SONORA ROAD #1." IT IS POSSIBLE THAT THE LARGE FLOCK OBSERVED ON 10 MAY 2016 MOVED TO SONORA #3 FOR A SECOND WAVE OF NESTING.         Ecological:       NESTING IN MILK THISTLE AND TULES. GRAZED ANNUAL GRASSLAND. NEAR POND WITH SOME CATTAILS.         General:       TWO FORAGING FLOCKS OF 25 AND 110 OBSERVED ON 23 APR 1994. 0 OBSERVED ON 17 APR 2011 AND 18 APR 2015. APPROXIMATELY 2000 BIRDS OBSERVED ON 10 MAY 2016; NESTING MATERIAL/FLEDGLINGS OBSERVED. 50 OBS ON 30 MAY 2016; BRINGING FOOD TO NESTS.		Unknown					2016-05-30
UTM:Zone-10 N4194657 E692352Elevation (ft):214PLSS:T01S, R11E, Sec. 6, W (M)Acres:70.0Location:S SIDE OF SONORA RD, ABOUT 1.6 MI ESE OF 28 MILE RD INTERSECTION, EUGENE.Detailed Location:COLONY DATA STORED IN THE UC DAVIS TRICOLORED BLACKBIRD; SITE NAMES WERE "SONORA ROAD POND" & "SONORA ROAD #1." IT IS POSSIBLE THAT THE LARGE FLOCK OBSERVED ON 10 MAY 2016 MOVED TO SONORA #3 FOR A SECOND WAVE OF NESTING.Ecological:NESTING IN MILK THISTLE AND TULES. GRAZED ANNUAL GRASSLAND. NEAR POND WITH SOME CATTAILS.General:TWO FORAGING FLOCKS OF 25 AND 110 OBSERVED ON 23 APR 1994. 0 OBSERVED ON 17 APR 2011 AND 18 APR 2015. APPROXIMATELY 2000 BIRDS OBSERVED ON 10 MAY 2016; NESTING MATERIAL/FLEDGLINGS OBSERVED. 50 OBS ON 30 MAY 2016; BRINGING FOOD TO NESTS.	Осс. Туре:	Unknown Natural/Native	e occurrence				2016-05-30
PLSS:T01S, R11E, Sec. 6, W (M)Acres:70.0Location:S SIDE OF SONORA RD, ABOUT 1.6 MI ESE OF 28 MILE RD INTERSECTION, EUGENE.Detailed Location:COLONY DATA STORED IN THE UC DAVIS TRICOLORED BLACKBIRD; SITE NAMES WERE "SONORA ROAD POND" & "SONORA ROAD #1." IT IS POSSIBLE THAT THE LARGE FLOCK OBSERVED ON 10 MAY 2016 MOVED TO SONORA #3 FOR A SECOND WAVE OF NESTING.Ecological:NESTING IN MILK THISTLE AND TULES. GRAZED ANNUAL GRASSLAND. NEAR POND WITH SOME CATTAILS.General:TWO FORAGING FLOCKS OF 25 AND 110 OBSERVED ON 23 APR 1994. 0 OBSERVED ON 17 APR 2011 AND 18 APR 2015. APPROXIMATELY 2000 BIRDS OBSERVED ON 10 MAY 2016; NESTING MATERIAL/FLEDGLINGS OBSERVED. 50 OBS ON 30 MAY 2016; BRINGING FOOD TO NESTS.	Occ. Type: Quad Summary:	Unknown Natural/Native Bachelor Valle	e occurrence				2016-05-30
Location:       S SIDE OF SONORA RD, ABOUT 1.6 MI ESE OF 28 MILE RD INTERSECTION, EUGENE.         Detailed Location:       COLONY DATA STORED IN THE UC DAVIS TRICOLORED BLACKBIRD; SITE NAMES WERE "SONORA ROAD POND" &	Occ. Type: Quad Summary: County Summary:	Unknown Natural/Native Bachelor Valle Stanislaus	e occurrence ey (3712087)		Unknown	Record Last Updated:	2016-05-30
Detailed Location:COLONY DATA STORED IN THE UC DAVIS TRICOLORED BLACKBIRD; SITE NAMES WERE "SONORA ROAD POND" & "SONORA ROAD #1." IT IS POSSIBLE THAT THE LARGE FLOCK OBSERVED ON 10 MAY 2016 MOVED TO SONORA #3 FOR A SECOND WAVE OF NESTING.Ecological:NESTING IN MILK THISTLE AND TULES. GRAZED ANNUAL GRASSLAND. NEAR POND WITH SOME CATTAILS.General:TWO FORAGING FLOCKS OF 25 AND 110 OBSERVED ON 23 APR 1994. 0 OBSERVED ON 17 APR 2011 AND 18 APR 2015. APPROXIMATELY 2000 BIRDS OBSERVED ON 10 MAY 2016; NESTING MATERIAL/FLEDGLINGS OBSERVED. 50 OBS ON 30 MAY 2016; BRINGING FOOD TO NESTS.	Occ. Type: Quad Summary: County Summary: Lat/Long:	Unknown Natural/Native Bachelor Valle Stanislaus 37.87911 / -12	e occurrence ey (3712087) 20.81285		Unknown Accuracy:	Record Last Updated:	2016-05-30
"SONORA ROAD #1." IT IS POSSIBLE THAT THE LARGE FLOCK OBSERVED ON 10 MAY 2016 MOVED TO SONORA #3 FOR A SECOND WAVE OF NESTING.Ecological:NESTING IN MILK THISTLE AND TULES. GRAZED ANNUAL GRASSLAND. NEAR POND WITH SOME CATTAILS.General:TWO FORAGING FLOCKS OF 25 AND 110 OBSERVED ON 23 APR 1994. 0 OBSERVED ON 17 APR 2011 AND 18 APR 2015. APPROXIMATELY 2000 BIRDS OBSERVED ON 10 MAY 2016; NESTING MATERIAL/FLEDGLINGS OBSERVED. 50 OBS ON 30 MAY 2016; BRINGING FOOD TO NESTS.	Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Unknown Natural/Native Bachelor Valle Stanislaus 37.87911 / -12 Zone-10 N415	e occurrence ey (3712087) 20.81285 94657 E692352		Unknown Accuracy: Elevation (ft):	Record Last Updated: 1/5 mile 214	2016-05-30
General: TWO FORAGING FLOCKS OF 25 AND 110 OBSERVED ON 23 APR 1994. 0 OBSERVED ON 17 APR 2011 AND 18 APR 2015. APPROXIMATELY 2000 BIRDS OBSERVED ON 10 MAY 2016; NESTING MATERIAL/FLEDGLINGS OBSERVED. 50 OBS ON 30 MAY 2016; BRINGING FOOD TO NESTS.	Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Unknown Natural/Native Bachelor Valle Stanislaus 37.87911 / -12 Zone-10 N419 T01S, R11E, J	e occurrence ey (3712087) 20.81285 94657 E692352 Sec. 6, W (M)	Trend:	Unknown Accuracy: Elevation (ft): Acres:	Record Last Updated: 1/5 mile 214 70.0	2016-05-30
APPROXIMATELY 2000 BIRDS OBSERVED ON 10 MAY 2016; NESTING MATERIAL/FLEDGLINGS OBSERVED. 50 OBS ON 30 MAY 2016; BRINGING FOOD TO NESTS.	Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Unknown Natural/Native Bachelor Valle Stanislaus 37.87911 / -12 Zone-10 N419 T01S, R11E, 5 S SIDE OF Se COLONY DA "SONORA RO	e occurrence ey (3712087) 20.81285 94657 E692352 Sec. 6, W (M) ONORA RD, ABOUT 1.6 M TA STORED IN THE UC D DAD #1." IT IS POSSIBLE	Trend: 11 ESE OF 28 M AVIS TRICOLO	Unknown Accuracy: Elevation (ft): Acres: ILE RD INTERSECTION, EUGE RED BLACKBIRD; SITE NAME:	Record Last Updated: 1/5 mile 214 70.0 NE. S WERE "SONORA ROAD PO	2016-05-30 2019-04-19 DND" &
Owner/Manager: UNKNOWN, PVT	Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Unknown Natural/Native Bachelor Valle Stanislaus 37.87911 / -12 Zone-10 N419 T01S, R11E, 2 S SIDE OF SE COLONY DA "SONORA RO SECOND WA	e occurrence ey (3712087) 20.81285 94657 E692352 Sec. 6, W (M) ONORA RD, ABOUT 1.6 M TA STORED IN THE UC D DAD #1." IT IS POSSIBLE VE OF NESTING.	Trend: 11 ESE OF 28 M AVIS TRICOLO THAT THE LAR	Unknown Accuracy: Elevation (ft): Acres: ILE RD INTERSECTION, EUGE RED BLACKBIRD; SITE NAME: GE FLOCK OBSERVED ON 10	Record Last Updated: 1/5 mile 214 70.0 NE. S WERE "SONORA ROAD PO MAY 2016 MOVED TO SONO	2016-05-30 2019-04-19 DND" &
	Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological:	Unknown Natural/Native Bachelor Valle Stanislaus 37.87911 / -12 Zone-10 N419 T01S, R11E, S SIDE OF Se COLONY DA "SONORA RO SECOND WA NESTING IN TWO FORAG APPROXIMA	e occurrence ey (3712087) 20.81285 94657 E692352 Sec. 6, W (M) ONORA RD, ABOUT 1.6 M TA STORED IN THE UC D DAD #1." IT IS POSSIBLE VE OF NESTING. MILK THISTLE AND TULE SING FLOCKS OF 25 AND TELY 2000 BIRDS OBSER	Trend: II ESE OF 28 M AVIS TRICOLO THAT THE LAR S. GRAZED AN 110 OBSERVER RVED ON 10 MA	Unknown Accuracy: Elevation (ft): Acres: ILE RD INTERSECTION, EUGE RED BLACKBIRD; SITE NAME: GE FLOCK OBSERVED ON 10 INUAL GRASSLAND. NEAR PC D ON 23 APR 1994. 0 OBSERV	Record Last Updated: 1/5 mile 214 70.0 NE. S WERE "SONORA ROAD PO MAY 2016 MOVED TO SONO ND WITH SOME CATTAILS. ED ON 17 APR 2011 AND 18	2016-05-30 2019-04-19 DND" & DRA #3 FOR A APR 2015.



California Department of Fish and Wildlife



Occurrence No.	970	Map Index: A1969	EO Index:	103558		Element Last Seen:	1995-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last Seen:	1995-XX-XX
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown		Record Last Updated:	2016-11-04
Quad Summary:	New Melone	es Dam (3712085)					
County Summary:	Calaveras,	Tuolumne					
Lat/Long:	37.9384 / -1	20.5333			Accuracy:	4/5 mile	
UTM:	Zone-10 N4	201850 E716767			Elevation (ft):	938	
PLSS:	T01N, R13E	E, Sec. 15 (M)			Acres:	1312.0	
Location:	JUST BELC	W NEW MELONES DAM, 6	.9 MI SE OF CO	PPEROPOLIS	3.		
Detailed Location:	O'BYRNES					MP, EAST OF COPPEROPC ER HOUSE." MAPPED GENE	
Ecological:						S AND IN A SMALL DRAINA VAS "NEW MELONES LAKE	
General:		TED 300 BIRDS OBSERVE RED AT THIS LOCATION.	D FLYING BAC	K AND FORTH	HACROSS THE R	OAD IN 1995; OBSERVER B	ELIEVED THE
Owner/Manager:	USBOR						
Occurrence No.	975	Map Index: A2039	EO Index:	103632		Element Last Seen:	2000-04-22
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last Seen:	2000-04-22
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown		Record Last Updated:	2016-10-03
Quad Summary:	Salt Spring	Valley (3812016)					
County Summary:	Calaveras						
Lat/Long:	38.0479 / -1	20.6977			Accuracy:	2/5 mile	
UTM:	Zone-10 N4	213632 E702017			Elevation (ft):	1173	
PLSS:	T02N, R12E	E, Sec. 6, SW (M)			Acres:	280.0	
Location:	ALONG HU VALLEY DA		GS VALLEY RD	) INTXN, 2.8 A	IR MILES WNW O	F HWY 4 INTXN, ENE OF SA	ALT SPRING
Detailed Location:	MAPPED A	CCORDING TO THE LOCAT	TION ON THE F	ROVIDED MA	۰P.		
Ecological:	HABITAT C	OMPOSED OF HIMALAYAN	I BLACKBERR	Y. SMALL PON	ID PRESENT IN 1	997 AND 2000.	
General:	ANECDOTA	ALLY REPORTED AS NEST	NG IN 1997. AI	N ESTIMATED	40 BIRDS OBSER	RVED NESTING ON 22 APR	2000.
Owner/Manager:	UNKNOWN						



California Department of Fish and Wildlife



Occurrence No.	976	Map Index: A2042	EO Index:	103635		Element Last Seen:	1997-04-27
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last Seen:	2015-04-20
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown		Record Last Updated:	2016-10-03
Quad Summary:	Salt Spring	y Valley (3812016)					
County Summary:	Calaveras						
Lat/Long:	38.0529 / -	120.7249			Accuracy:	1/10 mile	
UTM:	Zone-10 N	4214128 E699617			Elevation (ft):	1141	
PLSS:	T02N, R11	E, Sec. 2, SE (M)			Acres:	18.0	
Location:		SIDE OF HUNT RD, 1.9 AIR M ALLEY DAM.	MILES WNW OF	SALT SPRIN	IGS VALLEY RD II	NTERSECTION, 2.6 MI NE O	F SALT
Detailed Location:		DATA STORED IN THE UC D NG TO PROVIDED MAP AND				E NAME WAS "HUNT ROAD	#2." MAPPED
Ecological:	HABITAT I	N 1997 COMPOSED OF CAT	TAILS. SUITAE	LE HABITAT	PRESENT IN 2015	5.	
General:	NO BIRDS ON 20 API	OBSERVED DURING 1996 S R 2015.	SURVEY. ABOL	JT 27 BIRDS (	OBSERVED NEST	ING ON 27 APR 1997. 0 BIR	DS OBSERVED
Owner/Manager:	UNKNOW	N, PVT					
Acipenser med	lirostris po	p. 1				Element Code: AFCA	A01031
green sturgeon -	southern DPS	5					
Listing Status:	Federal:	Threatened		CNE	DDB Element Ran	ks: Global: G2T1	
	State:	None				State: S1	
	Other:	AFS_VU-Vulnerable, CDFW	_SSC-Species	of Special Cor	ncern, IUCN_EN-E	ndangered	
Habitat:	General:		SAN JOAQUIN	<b>RIVERS MAY</b>	INDICATE SPAW	AND YUBA RIVERS. PRESE NING. NON-SPAWNING AD EARING JUVENILES.	
	Micro:					NSTEM RIVERS IN DEEP PO AND, GRAVEL, COBBLE, OF	
Occurrence No.	5	Map Index: 91311	EO Index:	121158		Element Last Seen:	2017-10-09
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last Seen:	2017-10-09
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown		Record Last Updated:	2022-01-28
Quad Summary:	Riverbank (3712171)	(3712068), Knights Ferry (371	2076), Oakdale	e (3712077), E	scalon (3712078),	Salida (3712161), Ripon (371	2162), Avena
County Summary:	Calaveras,	San Joaquin, Stanislaus, Tuo	lumne				
Lat/Long:	37.80905 /	-120.67948			Accuracy:	non-specific area	
UTM:	Zone-10 N	4187166 E704276			Elevation (ft):	200	
PLSS:	T01S, R12	E, Sec. 32 (M)			Acres:	6681.0	
Location:	LOWER S	TANISLAUS RIVER, FROM IT	S MOUTH AT	THE SAN JOA	QUIN RIVER TO (	GOODWIN DAM.	
Detailed Location:		TO THE LOWER 58 MILES O LE GOODWIN DAM ABOUT (				JIN RIVER CONFLUENCE T	O THE
Ecological:	HABITAT	USE OF THE SAN JOAQUIN JSE OF THE STANISLAUS R ANISLAUS RIVER HAS BEEN	IVER IS POOR				
General:	AN INCIDE	NFIRMED GREEN STURGEO ENTAL RAFTING DETECTION ON 9 OCT. NO WHITE STURO	N ON 23 SEP, F				
Owner/Manager:	UNKNOW	N					





Oncorhynchus	•	• •				Elemer	nt Code: AFCI	HA0209K
steelhead - Centr					-		0.5700	
Listing Status:		Threatened		CNDDB	Element Ranks:		G5T2Q	
	State:	None				State:	S2	
	Other:	AFS_TH-Threatened, CDF		•				
Habitat:	General:	POPULATIONS IN THE SA	ACRAMENTO AN	ID SAN JOAQUIN	RIVERS AND TH		JIARIES.	
	Micro:							
Occurrence No.	20	Map Index: 91311	EO Index:	92386		Element	Last Seen:	2014-01-20
Occ. Rank:	Unknown		Presence:	Presumed Extan	t	Site Last	Seen:	2014-01-20
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown		Record L	ast Updated:	2014-03-28
Quad Summary:	Riverbank (3712171)	(3712068), Knights Ferry (37	712076), Oakdale	e (3712077), Escalo	on (3712078), Sal	ida (371216	61), Ripon (371	2162), Avena
County Summary:	Calaveras,	, San Joaquin, Stanislaus, Tu	iolumne					
Lat/Long:	37.80905 /	-120.67948		Ac	curacy: r	non-specific	c area	
UTM:	Zone-10 N	4187166 E704276		Ele	evation (ft): 2	200		
PLSS:	T01S, R12	E, Sec. 32 (M)		Ac	cres: 6	6681.0		
Location:	LOWER S	TANISLAUS RIVER, FROM	ITS MOUTH AT	THE SAN JOAQUI	N RIVER TO GOO	ODWIN DA	M (RM 58.4).	
Detailed Leasting	MAPPED -	TO RIVER REACH NAVIGA	BLE BY STEELH					
Detailed Location:	SCREW T	RAPS (RSTS) AT CASWELL			). REARING & SU			
Ecological:	SCREW T BETWEEN SNORKEL IN WINTER		I BRIDGE (RM46 TED MANY JUV ITIES IN UPPER	.9). ENILES EMIGRAT	ED IN FALL (OR	TOOK REF	FUGE UNDER	SUBSTRATE
	SCREW T BETWEEN SNORKEL IN WINTER 11% TROU AVERAGE WEIR NEA	RAPS (RSTS) AT CASWELL I GD & ORANGE BLOSSOM . SURVEYS 2000-07 INDICA R). HIGHEST TROUT DENS JT OF SAMPLED WERE SH E CATCH/YEAR FROM RSTS AR RM31 RECORDED U/S M	I BRIDGE (RM46 TED MANY JUV ITIES IN UPPER PROGENY. S (#RSTS VARIE	.9). ENILES EMIGRAT REACHES & GRA D) = 23 IN 1993-19	ED IN FALL (OR VEL AUGMENTA 999; 44 IN 2000-2	TOOK REP ATION SITE 2010; MANY	FUGE UNDER ES. IN 2008 OT Y WERE SMOL	SUBSTRATE TOLITH STUDY
Ecological:	SCREW T BETWEEN SNORKEL IN WINTER 11% TROU AVERAGE WEIR NEA	RAPS (RSTS) AT CASWELL NGD & ORANGE BLOSSOM SURVEYS 2000-07 INDICA R). HIGHEST TROUT DENS JT OF SAMPLED WERE SH CATCH/YEAR FROM RSTS AR RM31 RECORDED U/S M CHERY ORIGIN).	I BRIDGE (RM46 TED MANY JUV ITIES IN UPPER PROGENY. S (#RSTS VARIE	.9). ENILES EMIGRAT REACHES & GRA D) = 23 IN 1993-19	ED IN FALL (OR VEL AUGMENTA 999; 44 IN 2000-2	TOOK REP ATION SITE 2010; MANY	FUGE UNDER ES. IN 2008 OT Y WERE SMOL	SUBSTRATE TOLITH STUDY
Ecological: General:	SCREW T BETWEEN SNORKEL IN WINTEI 11% TROU AVERAGE WEIR NEA -40% HAT	RAPS (RSTS) AT CASWELL NGD & ORANGE BLOSSOM SURVEYS 2000-07 INDICA R). HIGHEST TROUT DENS JT OF SAMPLED WERE SH CATCH/YEAR FROM RSTS AR RM31 RECORDED U/S M CHERY ORIGIN).	I BRIDGE (RM46 TED MANY JUV ITIES IN UPPER PROGENY. S (#RSTS VARIE	.9). ENILES EMIGRAT REACHES & GRA D) = 23 IN 1993-19	ED IN FALL (OR VEL AUGMENTA 999; 44 IN 2000-2	TOOK REF ATION SITE 2010; MANY , 24-92 TRO	FUGE UNDER ES. IN 2008 OT Y WERE SMOL	SUBSTRATE TOLITH STUDY
Ecological: General: Owner/Manager:	SCREW T BETWEEN SNORKEL IN WINTEI 11% TROU AVERAGE WEIR NEA -40% HAT UNKNOWI	RAPS (RSTS) AT CASWELL I GD & ORANGE BLOSSOM SURVEYS 2000-07 INDICA R). HIGHEST TROUT DENS JT OF SAMPLED WERE SH CATCH/YEAR FROM RSTS AR RM31 RECORDED U/S M CHERY ORIGIN).	I BRIDGE (RM46 TED MANY JUV ITIES IN UPPER PROGENY. S (#RSTS VARIE IIGRATION OF 1	.9). ENILES EMIGRAT REACHES & GRA D) = 23 IN 1993-19 -17 ADULTS/YR F	TED IN FALL (OR AVEL AUGMENTA 999; 44 IN 2000-2 FROM 2005-2010,	TOOK REF ATION SITE 2010; MANY , 24-92 TRO	FUGE UNDER ES. IN 2008 OT Y WERE SMOL OUT/YR FROM Last Seen:	SUBSTRATE 'OLITH STUDY TS. VIDEO   2011-2014 (26
Ecological: General: Owner/Manager: Occurrence No.	SCREW T BETWEEN SNORKEL IN WINTEH 11% TROU AVERAGE WEIR NEA -40% HAT UNKNOWN 23 Unknown	RAPS (RSTS) AT CASWELL I GD & ORANGE BLOSSOM SURVEYS 2000-07 INDICA R). HIGHEST TROUT DENS JT OF SAMPLED WERE SH CATCH/YEAR FROM RSTS AR RM31 RECORDED U/S M CHERY ORIGIN).	I BRIDGE (RM46 TED MANY JUV ITIES IN UPPER PROGENY. S (#RSTS VARIE IIGRATION OF 1 EO Index:	.9). ENILES EMIGRAT REACHES & GRA D) = 23 IN 1993-19 -17 ADULTS/YR F 92525	TED IN FALL (OR AVEL AUGMENTA 999; 44 IN 2000-2 FROM 2005-2010,	TOOK REF ATION SITE 2010; MANY 24-92 TRO Element Site Last	FUGE UNDER ES. IN 2008 OT Y WERE SMOL OUT/YR FROM Last Seen:	SUBSTRATE 'OLITH STUDY TS. VIDEO 2011-2014 (26 2010-03-22 2010-03-22
Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	SCREW TI BETWEEN SNORKEL IN WINTEI 11% TROU AVERAGE WEIR NEA -40% HATI UNKNOWI 23 Unknown Natural/Na Peters (37	RAPS (RSTS) AT CASWELL GD & ORANGE BLOSSOM SURVEYS 2000-07 INDICA R). HIGHEST TROUT DENS JT OF SAMPLED WERE SH CATCH/YEAR FROM RSTS AR RM31 RECORDED U/S M CHERY ORIGIN). N Map Index: 91468	I BRIDGE (RM46 TED MANY JUV ITIES IN UPPER PROGENY. S (#RSTS VARIE IIGRATION OF 1 EO Index: Presence: Trend: 182), Stockton W	.9). ENILES EMIGRAT REACHES & GRA D) = 23 IN 1993-19 -17 ADULTS/YR F 92525 Presumed Extan Unknown	TED IN FALL (OR AVEL AUGMENTA 999; 44 IN 2000-2 FROM 2005-2010, t	TOOK REF ATION SITE 2010; MANY , 24-92 TRC Element Site Last Record L	FUGE UNDER ES. IN 2008 OT Y WERE SMOL OUT/YR FROM Last Seen: Seen: Last Updated:	SUBSTRATE OLITH STUDY TS. VIDEO 2011-2014 (26 2010-03-22 2010-03-22 2014-02-27
Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	SCREW T BETWEEN SNORKEL IN WINTEH 11% TROU AVERAGE WEIR NEA -40% HATU UNKNOWN 23 Unknown Natural/Na Peters (37 Springs (38	RAPS (RSTS) AT CASWELL GD & ORANGE BLOSSOM SURVEYS 2000-07 INDICA R). HIGHEST TROUT DENS JT OF SAMPLED WERE SH CATCH/YEAR FROM RSTS R RM31 RECORDED U/S M CHERY ORIGIN). N Map Index: 91468 Itive occurrence 12181), Stockton East (3712	I BRIDGE (RM46 TED MANY JUV ITIES IN UPPER PROGENY. S (#RSTS VARIE IIGRATION OF 1 EO Index: Presence: Trend: 182), Stockton W	.9). ENILES EMIGRAT REACHES & GRA D) = 23 IN 1993-19 -17 ADULTS/YR F 92525 Presumed Extan Unknown	TED IN FALL (OR AVEL AUGMENTA 999; 44 IN 2000-2 FROM 2005-2010, t	TOOK REF ATION SITE 2010; MANY , 24-92 TRC Element Site Last Record L	FUGE UNDER ES. IN 2008 OT Y WERE SMOL OUT/YR FROM Last Seen: Seen: Last Updated:	SUBSTRATE OLITH STUDY TS. VIDEO 2011-2014 (26 2010-03-22 2010-03-22 2014-02-27
Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	SCREW TI BETWEEN SNORKEL IN WINTEI 11% TROU AVERAGE WEIR NEA -40% HATU UNKNOWI 23 Unknown Natural/Na Peters (37 Springs (38 Calaveras,	RAPS (RSTS) AT CASWELL GD & ORANGE BLOSSOM SURVEYS 2000-07 INDICA R). HIGHEST TROUT DENS JT OF SAMPLED WERE SH CATCH/YEAR FROM RSTS AR RM31 RECORDED U/S M CHERY ORIGIN). N Map Index: 91468 tive occurrence 12181), Stockton East (3712 812027), Linden (3812111), V	I BRIDGE (RM46 TED MANY JUV ITIES IN UPPER PROGENY. S (#RSTS VARIE IIGRATION OF 1 EO Index: Presence: Trend: 182), Stockton W	.9). ENILES EMIGRAT REACHES & GRA D) = 23 IN 1993-19 -17 ADULTS/YR F 92525 Presumed Extan Unknown /est (3712183), Jer 12), Lodi South (38	TED IN FALL (OR AVEL AUGMENTA 999; 44 IN 2000-2 FROM 2005-2010, t t t t t t t t t t t t t t t t t t t	TOOK REF ATION SITE 2010; MANY , 24-92 TRC Element Site Last Record L	FUGE UNDER ES. IN 2008 OT Y WERE SMOL OUT/YR FROM Last Seen: Seen: Last Updated: Springs SW (38/	SUBSTRATE OLITH STUDY TS. VIDEO 2011-2014 (26 2010-03-22 2010-03-22 2014-02-27
Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	SCREW T BETWEEN SNORKEL IN WINTEH 11% TROU AVERAGE WEIR NEA -40% HAT UNKNOWN 23 Unknown Natural/Na Peters (37 Springs (38 Calaveras, 38.04961 /	RAPS (RSTS) AT CASWELL GD & ORANGE BLOSSOM SURVEYS 2000-07 INDICA R). HIGHEST TROUT DENS JT OF SAMPLED WERE SH CATCH/YEAR FROM RSTS AR RM31 RECORDED U/S M CHERY ORIGIN). N Map Index: 91468 tive occurrence 12181), Stockton East (3712 812027), Linden (3812111), V San Joaquin, Stanislaus	I BRIDGE (RM46 TED MANY JUV ITIES IN UPPER PROGENY. S (#RSTS VARIE IIGRATION OF 1 EO Index: Presence: Trend: 182), Stockton W	.9). ENILES EMIGRAT REACHES & GRA D) = 23 IN 1993-19 -17 ADULTS/YR F 92525 Presumed Extan Unknown fest (3712183), Jer 12), Lodi South (38	TED IN FALL (OR AVEL AUGMENTA 999; 44 IN 2000-2 FROM 2005-2010, t t t t t t t t t t t t t t t t t t t	TOOK REF ATION SITE 2010; MANY , 24-92 TRO Element Site Last Record L 7), Valley S	FUGE UNDER ES. IN 2008 OT Y WERE SMOL OUT/YR FROM Last Seen: ast Updated: prings SW (38/	SUBSTRATE OLITH STUDY TS. VIDEO 2011-2014 (26 2010-03-22 2010-03-22 2014-02-27
Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	SCREW TI BETWEEN SNORKEL IN WINTEI 11% TROU AVERAGE WEIR NEA -40% HATI UNKNOWI 23 Unknown Natural/Na Peters (37 Springs (38 Calaveras, 38.04961 / Zone-10 N	RAPS (RSTS) AT CASWELL GD & ORANGE BLOSSOM SURVEYS 2000-07 INDICA R). HIGHEST TROUT DENS JT OF SAMPLED WERE SH CATCH/YEAR FROM RSTS AR RM31 RECORDED U/S M CHERY ORIGIN). N Map Index: 91468 tive occurrence 12181), Stockton East (3712 812027), Linden (3812111), V San Joaquin, Stanislaus	I BRIDGE (RM46 TED MANY JUV ITIES IN UPPER PROGENY. S (#RSTS VARIE IIGRATION OF 1 EO Index: Presence: Trend: 182), Stockton W	.9). ENILES EMIGRAT REACHES & GRA D) = 23 IN 1993-19 -17 ADULTS/YR F 92525 Presumed Extan Unknown Vest (3712183), Jer 12), Lodi South (38 Ac Ele	TED IN FALL (OR AVEL AUGMENTA 999; 44 IN 2000-2 FROM 2005-2010, tt turny Lind (3812017 12113) ccuracy: r evation (ft):	TOOK REF ATION SITE 2010; MANY , 24-92 TRO Element Site Last Record L 7), Valley S	FUGE UNDER ES. IN 2008 OT Y WERE SMOL OUT/YR FROM Last Seen: ast Updated: prings SW (38/	SUBSTRATE OLITH STUDY TS. VIDEO 2011-2014 (26 2010-03-22 2010-03-22 2014-02-27
Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	SCREW T BETWEEN SNORKEL IN WINTEH 11% TROU AVERAGE WEIR NEA -40% HAT UNKNOWN 23 Unknown Natural/Na Peters (37 Springs (38 Calaveras, 38.04961 / Zone-10 N T02N, R09	RAPS (RSTS) AT CASWELL GD & ORANGE BLOSSOM SURVEYS 2000-07 INDICA R). HIGHEST TROUT DENS JT OF SAMPLED WERE SH CATCH/YEAR FROM RSTS R RM31 RECORDED U/S M CHERY ORIGIN). N Map Index: 91468 tive occurrence 12181), Stockton East (3712 812027), Linden (3812111), 1 , San Joaquin, Stanislaus 7-121.01419 4213181 E674239	I BRIDGE (RM46 TED MANY JUV ITIES IN UPPER PROGENY. S (#RSTS VARIE IIGRATION OF 1 <b>EO Index:</b> <b>Presence:</b> <b>Trend:</b> 182), Stockton W Waterloo (38121)	.9). ENILES EMIGRAT REACHES & GRA D) = 23 IN 1993-19 -17 ADULTS/YR F 92525 Presumed Extan Unknown fest (3712183), Jer 12), Lodi South (38 Ac Ele Ac	t ccuracy: r evetion (ft): cres: 6	TOOK REF ATION SITE 2010; MANY , 24-92 TRO Element Site Last Record L 7), Valley S non-specific 3020.0	FUGE UNDER ES. IN 2008 OT Y WERE SMOL OUT/YR FROM Last Seen: .ast Updated: prings SW (387 c area	SUBSTRATE OLITH STUDY TS. VIDEO 2011-2014 (26 2010-03-22 2010-03-22 2014-02-27 12018), Valley
Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	SCREW T BETWEEN SNORKEL IN WINTEH 11% TROU AVERAGE WEIR NEA -40% HAT UNKNOWN 23 Unknown Natural/Na Peters (37 Springs (38 Calaveras, 38.04961 / Zone-10 N T02N, R09 LOWER C CANAL. NEW HOG WEIR (BW	RAPS (RSTS) AT CASWELL GD & ORANGE BLOSSOM SURVEYS 2000-07 INDICA R). HIGHEST TROUT DENS JT OF SAMPLED WERE SH CATCH/YEAR FROM RSTS AR RM31 RECORDED U/S M CHERY ORIGIN). N Map Index: 91468 tive occurrence 12181), Stockton East (3712 812027), Linden (3812111), 1 , San Joaquin, Stanislaus 7-121.01419 4213181 E674239 DE, Sec. 05 (M)	I BRIDGE (RM46 TED MANY JUV ITIES IN UPPER PROGENY. S (#RSTS VARIE IIGRATION OF 1 EO Index: Presence: Trend: 182), Stockton W Waterloo (38121 NEW HOGAN D ARRIER TO ANA	.9). ENILES EMIGRAT REACHES & GRA D) = 23 IN 1993-19 -17 ADULTS/YR F 92525 Presumed Extan Unknown fest (3712183), Jer 12), Lodi South (38 Ac Ele Ad (RM42), INCLU DROMY. 20MI OF (SH) EXCEPT IN I	TED IN FALL (OR AVEL AUGMENTA 2999; 44 IN 2000-2 FROM 2005-2010, t t t t t t t t t t t t t t t t t t t	TOOK REF ATION SITE 2010; MANY , 24-92 TRO Element Site Last Record L 7), Valley S non-specific 3020.0 I SLOUGH ARING HAI	FUGE UNDER ES. IN 2008 OT Y WERE SMOL OUT/YR FROM Last Seen: .ast Updated: .ast Updated: .prings SW (387 c area AND STOCKTOR	SUBSTRATE OLITH STUDY TS. VIDEO 2011-2014 (26 2010-03-22 2010-03-22 2014-02-27 12018), Valley ON DIVERTING BELLOTA
Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	SCREW T BETWEEN SNORKEL IN WINTEH 11% TROU AVERAGE WEIR NEA -40% HAT UNKNOWN 23 Unknown Natural/Na Peters (37 Springs (38 Calaveras, 38.04961 / Zone-10 N T02N, R09 LOWER C CANAL. NEW HOG WEIR (BW PRODUCE HISTORIC IRRIGATIC	RAPS (RSTS) AT CASWELL GD & ORANGE BLOSSOM SURVEYS 2000-07 INDICA R). HIGHEST TROUT DENS JT OF SAMPLED WERE SH CATCH/YEAR FROM RSTS AR RM31 RECORDED U/S M CHERY ORIGIN). N Map Index: 91468 tive occurrence 12181), Stockton East (3712 812027), Linden (3812111), V San Joaquin, Stanislaus 7-121.01419 4213181 E674239 9E, Sec. 05 (M) ALAVERAS RIVER BELOW GAN DAM (NHD) A TOTAL B 7, RM25.3) INACCESSIBLE T	I BRIDGE (RM46 TED MANY JUV ITIES IN UPPER PROGENY. S (#RSTS VARIE IIGRATION OF 1 <b>EO Index:</b> <b>Presence:</b> <b>Trend:</b> 182), Stockton W Waterloo (38121) NEW HOGAN D ARRIER TO ANA TO STEELHEAD SHELTON (RM2 R, NOW YR-ROI /DOWN STRANT	.9). ENILES EMIGRAT REACHES & GRA D) = 23 IN 1993-19 -17 ADULTS/YR F 92525 Presumed Extan Unknown fest (3712183), Jer 12), Lodi South (38 Ac Ele Ad AM (RM42), INCLU ADROMY. 20MI OF (SH) EXCEPT IN I 28). UND FROM NHD T DS FISH. SOME SI	TED IN FALL (OR           TED IN FALL (OR           AVEL AUGMENTA           999; 44 IN 2000-2           FROM 2005-2010,           TROM 2005-2010,           t           t           t           t           t           t           t           cturacy:           r           evation (ft):           cres:         &           JDING MORMON           FLOOD FLOWS; I           TO BW. CONNECT	TOOK REF ATION SITE 2010; MANY , 24-92 TRO Element Site Last Record L 7), Valley S non-specific 3020.0 I SLOUGH ARING HAR RESIDENT CTS W/SJQ	FUGE UNDER ES. IN 2008 OT Y WERE SMOL OUT/YR FROM Last Seen: 	SUBSTRATE OLITH STUDY TS. VIDEO 2011-2014 (26 2010-03-22 2010-03-22 2014-02-27 2014-02-27 2014-02-27 2018), Valley ON DIVERTING BELLOTA ABOVE BW AFTER
Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	SCREW T BETWEEN SNORKEL IN WINTEH 11% TROU AVERAGE WEIR NEA -40% HAT UNKNOWN 23 Unknown Natural/Na Peters (37 Springs (38 Calaveras, 38.04961 / Zone-10 N T02N, R09 LOWER C CANAL. NEW HOG WEIR (BW PRODUCE HISTORIC IRRIGATIC 180 FISH I SPAWNIN SMOLTS.	RAPS (RSTS) AT CASWELL GD & ORANGE BLOSSOM SURVEYS 2000-07 INDICA R). HIGHEST TROUT DENS JT OF SAMPLED WERE SH CATCH/YEAR FROM RSTS AR RM31 RECORDED U/S M CHERY ORIGIN). N Map Index: 91468 tive occurrence 12181), Stockton East (3712 812027), Linden (3812111), V San Joaquin, Stanislaus 7-121.01419 4213181 E674239 9E, Sec. 05 (M) ALAVERAS RIVER BELOW GAN DAM (NHD) A TOTAL B V, RM25.3) INACCESSIBLE T ES SOME SMOLTS. RST AT SALLY INTERMITTENT RIVE DN RELEASES/RAIN; DRAW	I BRIDGE (RM46 TED MANY JUV ITIES IN UPPER PROGENY. S (#RSTS VARIE IIGRATION OF 1 <b>EO Index:</b> <b>Presence:</b> <b>Trend:</b> 182), Stockton W Waterloo (38121) NEW HOGAN D ARRIER TO ANA TO STEELHEAD SHELTON (RM2 R, NOW YR-ROI /DOWN STRAND /ERE SH PROGE HIGH TEMPS L 10 FROM 199-14	.9). ENILES EMIGRAT REACHES & GRA D) = 23 IN 1993-19 -17 ADULTS/YR F 92525 Presumed Extan Unknown fest (3712183), Jer 12), Lodi South (38 Ac Ele Ad AM (RM42), INCLU ADROMY. 20MI OF (SH) EXCEPT IN I 28). UND FROM NHD T DS FISH. SOME SI NY. IKELY KILLED EG	TED IN FALL (OR AVEL AUGMENTA 2999; 44 IN 2000-2 FROM 2005-2010, t t anny Lind (3812017 (12113) ccuracy: r evation (ft): cres: 8 JDING MORMON F SPAWNING/REA FLOOD FLOWS; 1 TO BW. CONNEC PAWNING HABIT GS/FRY. OBS BE	TOOK REF ATION SITE 2010; MANY , 24-92 TRO Element Site Last Record L 7), Valley S non-specific 3020.0 I SLOUGH ARING HAI RESIDENT CTS W/SJQ AT IN MOF ELOW BW 2	FUGE UNDER ES. IN 2008 OT Y WERE SMOL OUT/YR FROM Last Seen: .ast Updated: .ast Updated: .ast Updated: .ast Updated: .ast Opdated: .ast Updated: .ast Opdated: .ast Updated: .ast Update	SUBSTRATE OLITH STUDY TS. VIDEO 2011-2014 (26 2010-03-22 2010-03-22 2014-02-27 12018), Valley ON DIVERTING BELLOTA ABOVE BW AFTER H(MS). 49 OF INCLUDING





Hesperoleucus Red Hills roach	s symmetri	icus serpentinus				Elemer	nt Code: AFCJ	IB19028
Listing Status:	Federal:	None		CND	DB Element Rank	ks: Global:	GNRT1	
	State:	None				State:	S1	
	Other:	AFS_VU-Vulnerable, BLM_	S-Sensitive, CD	FW_SSC-Spec	cies of Special Con	cern		
Habitat:	General:	SPRING-FED INTERMITTE	ENT CREEKS A	ND SMALL ST	REAMS NEAR SO	NORA. MAY E	BE CONFINED	TO POOLS
		AND PERENNIAL STREAM						
	Micro:	ADAPTED FOR LIVING IN	SMALL STREAD	MS FLOWING	THROUGH SERPE	ENTINE OUTC	CROPS.	
Occurrence No.	6	Map Index: 42624	EO Index:	42624		Element I	Last Seen:	1999-06-15
Occ. Rank:	Fair		Presence:	Presumed E	xtant	Site Last	Seen:	1999-06-15
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown		Record L	ast Updated:	2005-07-12
Quad Summary:	Keystone	(3712075), New Melones Dar	m (3712085)					
County Summary:	Tuolumne	9						
Lat/Long:	37.87406	/ -120.50774			Accuracy:	specific area	a	
	Zone-10 N	V4194770 E719204			Elevation (ft):	1030		
UTM:								
UTM: PLSS:	T01S, R13	3E, Sec. 02, SE (M)			Acres:	18.7		
PLSS:	,	,		108/120 271		-		
PLSS: Location:	ANDREW	CREEK, AT THE CROSSING		108/120, 2.7 N		-	RED HILLS.	
PLSS: Location: Detailed Location:	ANDREW CREEK IN	CREEK, AT THE CROSSING	AY 108.		ILES NORTH OF	KEYSTONE, F		WS
PLSS: Location: Detailed Location: Ecological:	ANDREW CREEK IN FINE ROO	CREEK, AT THE CROSSING N CULVERT BELOW HIGHW, CK, ALGAE, FISH ABUNDAN	AY 108. T IN POOLS 1 T	O 3 FEET DEE	MILES NORTH OF	KEYSTONE, F	PASTURE/CO	
PLSS: Location: Detailed Location:	ANDREW CREEK IN FINE ROO 17 APR 1	CREEK, AT THE CROSSING	AY 108. T IN POOLS 1 T	O 3 FEET DEE	MILES NORTH OF	KEYSTONE, F	PASTURE/CO	
PLSS: Location: Detailed Location: Ecological:	ANDREW CREEK IN FINE ROO 17 APR 1	CREEK, AT THE CROSSING N CULVERT BELOW HIGHW, CK, ALGAE, FISH ABUNDAN 999: "MANY" OBSERVED. 15	AY 108. T IN POOLS 1 T	O 3 FEET DEE	MILES NORTH OF	KEYSTONE, F	PASTURE/CO	
PLSS: Location: Detailed Location: Ecological: General:	ANDREW CREEK IN FINE ROO 17 APR 1 MUSEUM	CREEK, AT THE CROSSING N CULVERT BELOW HIGHW, CK, ALGAE, FISH ABUNDAN 999: "MANY" OBSERVED. 15	AY 108. T IN POOLS 1 T	O 3 FEET DEE	MILES NORTH OF	KEYSTONE, F G LAND USE TAKEN AND F	PASTURE/CO	
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager:	ANDREW CREEK IN FINE ROO 17 APR 1 MUSEUM PVT	V CREEK, AT THE CROSSING N CULVERT BELOW HIGHW, CK, ALGAE, FISH ABUNDAN 999: "MANY" OBSERVED. 15 I #WJJLS37.	AY 108. T IN POOLS 1 T 5 JUN 1999: 5 AE	O 3 FEET DEE DULTS COLLE	MILES NORTH OF	KEYSTONE, F G LAND USE TAKEN AND F	PASTURE/CO FISH RELEASE Last Seen:	ED; UCSC
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No.	ANDREW CREEK IN FINE ROO 17 APR 1 MUSEUM PVT 7 Poor	V CREEK, AT THE CROSSING N CULVERT BELOW HIGHW, CK, ALGAE, FISH ABUNDAN 999: "MANY" OBSERVED. 15 I #WJJLS37.	AY 108. T IN POOLS 1 T 5 JUN 1999: 5 AE EO Index:	O 3 FEET DEE DULTS COLLE 51535	MILES NORTH OF	KEYSTONE, F G LAND USE TAKEN AND F Element I Site Last	PASTURE/CO FISH RELEASE Last Seen:	ED; UCSC 2000-07-10
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	ANDREW CREEK IN FINE ROO 17 APR 1 MUSEUM PVT 7 Poor Natural/Na	CREEK, AT THE CROSSING N CULVERT BELOW HIGHW, CK, ALGAE, FISH ABUNDAN 999: "MANY" OBSERVED. 15 #WJJLS37. Map Index: 51535	AY 108. T IN POOLS 1 To 5 JUN 1999: 5 AE EO Index: Presence:	O 3 FEET DEE DULTS COLLE 51535 Presumed E	MILES NORTH OF	KEYSTONE, F G LAND USE TAKEN AND F Element I Site Last	PASTURE/CO FISH RELEASE Last Seen: Seen:	ED; UCSC 2000-07-10 2000-07-10
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	ANDREW CREEK IN FINE ROO 17 APR 1 MUSEUM PVT 7 Poor Natural/Na	CREEK, AT THE CROSSING N CULVERT BELOW HIGHW, CK, ALGAE, FISH ABUNDAN 999: "MANY" OBSERVED. 15 #WJJLS37. Map Index: 51535 ative occurrence	AY 108. T IN POOLS 1 To 5 JUN 1999: 5 AE EO Index: Presence:	O 3 FEET DEE DULTS COLLE 51535 Presumed E	MILES NORTH OF	KEYSTONE, F G LAND USE TAKEN AND F Element I Site Last	PASTURE/CO FISH RELEASE Last Seen: Seen:	ED; UCSC 2000-07-10 2000-07-10
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	ANDREW CREEK IN FINE ROO 17 APR 11 MUSEUM PVT 7 Poor Natural/Na New Melo Tuolumne	CREEK, AT THE CROSSING N CULVERT BELOW HIGHW, CK, ALGAE, FISH ABUNDAN 999: "MANY" OBSERVED. 15 #WJJLS37. Map Index: 51535 ative occurrence	AY 108. T IN POOLS 1 To 5 JUN 1999: 5 AE EO Index: Presence:	O 3 FEET DEE DULTS COLLE 51535 Presumed E	MILES NORTH OF	KEYSTONE, F G LAND USE TAKEN AND F Element I Site Last	PASTURE/CO FISH RELEASE Last Seen: Seen:	ED; UCSC 2000-07-10 2000-07-10
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	ANDREW CREEK IN FINE ROO 17 APR 19 MUSEUM PVT 7 Poor Natural/Na New Melo Tuolumne 37.92601	CREEK, AT THE CROSSING N CULVERT BELOW HIGHW, CK, ALGAE, FISH ABUNDAN 999: "MANY" OBSERVED. 15 #WJJLS37. Map Index: 51535 ative occurrence	AY 108. T IN POOLS 1 To 5 JUN 1999: 5 AE EO Index: Presence:	O 3 FEET DEE DULTS COLLE 51535 Presumed E	AILES NORTH OF	KEYSTONE, F G LAND USE TAKEN AND F Element I Site Last Record L	PASTURE/CO FISH RELEASE Last Seen: Seen:	ED; UCSC 2000-07-10 2000-07-10
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	ANDREW CREEK IN FINE ROO 17 APR 19 MUSEUM PVT 7 7 Poor Natural/Na New Melo Tuolumne 37.92601 Zone-10 N	CREEK, AT THE CROSSING N CULVERT BELOW HIGHW, CK, ALGAE, FISH ABUNDAN 999: "MANY" OBSERVED. 15 #WJJLS37. Map Index: 51535 ative occurrence mes Dam (3712085)	AY 108. T IN POOLS 1 To 5 JUN 1999: 5 AE EO Index: Presence:	O 3 FEET DEE DULTS COLLE 51535 Presumed E	MILES NORTH OF EP. SURROUNDIN CTED, FIN CLIPS xtant Accuracy:	KEYSTONE, F G LAND USE TAKEN AND F Element I Site Last Record L	PASTURE/CO FISH RELEASE Last Seen: Seen:	ED; UCSC 2000-07-10 2000-07-10
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	ANDREW CREEK IN FINE ROO 17 APR 19 MUSEUM PVT 7 Poor Natural/Na New Melo Tuolumne 37.92601 Zone-10 N T01N, R1	CREEK, AT THE CROSSING N CULVERT BELOW HIGHW, CK, ALGAE, FISH ABUNDAN 999: "MANY" OBSERVED. 15 #WJJLS37. Map Index: 51535 ative occurrence ones Dam (3712085) 	AY 108. T IN POOLS 1 Tr 5 JUN 1999: 5 AE EO Index: Presence: Trend:	O 3 FEET DEE DULTS COLLE 51535 Presumed E Unknown	Accuracy: Elevation (ft): Acres:	KEYSTONE, F G LAND USE TAKEN AND F Element I Site Last Record L 1/10 mile 800 0.0	PASTURE/CO FISH RELEASE Last Seen: Seen: ast Updated:	ED; UCSC 2000-07-10 2000-07-10 2003-06-13
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	ANDREW CREEK IN FINE ROO 17 APR 11 MUSEUM PVT 7 Poor Natural/Na New Melo Tuolumne 37.92601 Zone-10 N T01N, R1	CREEK, AT THE CROSSING N CULVERT BELOW HIGHW, CK, ALGAE, FISH ABUNDAN 999: "MANY" OBSERVED. 15 #WJJLS37. Map Index: 51535 ative occurrence ones Dam (3712085) 	AY 108. T IN POOLS 1 To 5 JUN 1999: 5 AE EO Index: Presence: Trend:	O 3 FEET DEE DULTS COLLE 51535 Presumed E Unknown	Accuracy: Elevation (ft): Acres:	KEYSTONE, F G LAND USE TAKEN AND F Element I Site Last Record L 1/10 mile 800 0.0	PASTURE/CO FISH RELEASE Last Seen: Seen: ast Updated:	ED; UCSC 2000-07-10 2000-07-10 2003-06-13
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	ANDREW CREEK IN FINE ROO 17 APR 19 MUSEUM PVT 7 Poor Natural/Na New Melo Tuolumne 37.92601 Zone-10 N T01N, R1 PEORIA C PEORIA C	CREEK, AT THE CROSSING N CULVERT BELOW HIGHW, CK, ALGAE, FISH ABUNDAN 999: "MANY" OBSERVED. 15 #WJJLS37. Map Index: 51535 ative occurrence ones Dam (3712085) 	AY 108. T IN POOLS 1 Tr 5 JUN 1999: 5 AE EO Index: Presence: Trend: IISLAUS RIVER,	O 3 FEET DEE DULTS COLLE 51535 Presumed E Unknown BETWEEN TU	MILES NORTH OF EP. SURROUNDIN CTED, FIN CLIPS xtant Accuracy: Elevation (ft): Acres: JLLOCK RESERVO	KEYSTONE, F G LAND USE TAKEN AND F Element I Site Last Record L 1/10 mile 800 0.0 OIR & NEW M	PASTURE/CO FISH RELEASE Last Seen: Seen: ast Updated: ELONES LAKE	ED; UCSC 2000-07-10 2000-07-10 2003-06-13
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	ANDREW CREEK IN FINE ROO 17 APR 19 MUSEUM PVT 7 Poor Natural/Na New Melo Tuolumne 37.92601 Zone-10 N T01N, R1 PEORIA C PEORIA C CREEK W FILAMEN	CREEK, AT THE CROSSING N CULVERT BELOW HIGHW, CK, ALGAE, FISH ABUNDAN 999: "MANY" OBSERVED. 15 #WJJLS37. Map Index: 51535 ative occurrence mes Dam (3712085) / -120.53054 V4200481 E717046 3E, Sec. 22, NE (M) CREEK. EAST OF THE STAN CREEK NEAR THE FIRE STA	AY 108. T IN POOLS 1 Tr 5 JUN 1999: 5 AE EO Index: Presence: Trend: IISLAUS RIVER, TION.	O 3 FEET DEE DULTS COLLE 51535 Presumed E Unknown BETWEEN TU	MILES NORTH OF EP. SURROUNDIN CTED, FIN CLIPS xtant Accuracy: Elevation (ft): Acres: JLLOCK RESERVO	KEYSTONE, F G LAND USE TAKEN AND F Element I Site Last Record L 1/10 mile 800 0.0 OIR & NEW M	PASTURE/CO FISH RELEASE Last Seen: Seen: ast Updated: ELONES LAKE	ED; UCSC 2000-07-10 2000-07-10 2003-06-13





Mylopharodon	conoceph	alus				Eleme	nt Code: AFC	JB25010
hardhead	•							
Listing Status:	Federal:	None		CNE	DB Element Rank	s: Global:	G3	
	State:	None				State:	S3	
	Other:	CDFW_SSC-Species of Species	ecial Concern, IL	JCN_LC-Least	Concern, USFS_S	S-Sensitive		
Habitat:	General:	LOW TO MID-ELEVATION RUSSIAN RIVER.	STREAMS IN TH	HE SACRAME	NTO-SAN JOAQU	IN DRAINAG	E. ALSO PRES	ENT IN THE
	Micro:	CLEAR, DEEP POOLS WIT WHERE EXOTIC CENTRA			BOTTOMS AND S	SLOW WATE	R VELOCITY. N	NOT FOUND
Occurrence No.	15	Map Index: 72976	EO Index:	73888		Element	Last Seen:	2008-03-27
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last	t Seen:	2008-04-02
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown		Record I	Last Updated:	2010-08-11
Quad Summary:	Oakdale (3	3712077)						
County Summary:	Stanislaus							
Lat/Long:	37.77083 /	-120.86777			Accuracy:	80 meters		
UTM:	Zone-10 N	4182530 E687795			Elevation (ft):	104		
PLSS:	T02S, R10	E, Sec. 10, SW (M)			Acres:	0.0		
Location:	STANISLA	US RIVER JUST NW OF OA	KDALE.					
Detailed Location:								
Ecological:	BLACKFIS	SH TAKEN: GOLDEN SHINE SH, SACRAMENTO PIKEMIN , BLUEGILL, REDEAR SUNF	NÓW, SACRAM	ENTO SÚCKE				
General:	ROTARY	N 72 SAMPLE DATES 1 MAY SCREW TRAP & RELEASED GOLDFISH, WARMOUTH.						
Owner/Manager:	UNKNOW	N						
<b>Myotis yumane</b> Yuma myotis	ensis					Eleme	nt Code: AMA	CC01020
Listing Status:	Federal:	None		CNE	DB Element Rank	s: Global:	G5	
-	State:	None				State:	S4	
	Other:	BLM_S-Sensitive, IUCN_LC	C-Least Concern					
Habitat:	General:	OPTIMAL HABITATS ARE FEED.	OPEN FOREST	S AND WOOD	LANDS WITH SOL	JRCES OF W	ATER OVER V	VHICH TO
	Micro:	DISTRIBUTION IS CLOSEL OR CREVICES.		DIES OF WAT	ER. MATERNITY C	OLONIES IN	I CAVES, MINE	S, BUILDINGS



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Occurrence No.	145	Map Index: 68813	EO Index:	69336	Element Last Seen:	1999-08-1
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1999-08-1
Occ. Type:		ve occurrence	Trend:	Unknown	Record Last Updated:	2007-04-19
Quad Summary:	Oakdale (371					
County Summary:	Stanislaus	12011)				
				•	.,,	
Lat/Long:	37.77654 / -1			Accuracy:	non-specific area	
UTM: PLSS:		183340 E695398		Elevation (ft): Acres:	108 61.0	
	T02S, R11E,					
Location: Detailed Location:				20, AT INTERSECTION WITH OCALITY ONLY AS "ORANGE		PED AS BES
Ecological:						
General:	INDIVIDUAL	(S) DETECTED ACOUSTI	CALLY ON 15 AU	JG 1999.		
Owner/Manager:	UNKNOWN					
Occurrence No.	146	<b>Map Index:</b> 68815	EO Index:	69342	Element Last Seen:	1999-08-1
Occ. Rank:	Unknown	····· P ······· ·····	Presence:	Presumed Extant	Site Last Seen:	1999-08-1
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2007-04-04
Quad Summary:	Knights Ferry	v (3712076)				
County Summary:	Stanislaus	y (0112010)				
	37.81431 / -1	120 72420		A 00/1700/1	non anosifia area	
Lat/Long: UTM:		120.72429 187653 E700317		Accuracy: Elevation (ft):	non-specific area 164	
PLSS:	T01S, R11E,			Acres:	152.0	
					102.0	
Location: Detailed Location:		LES WSW OF KNIGHTS F		OCALITY ONLY AS "HORSES		
Detailed Location.		E RD NEAR HWY 120 WA		OCALITI ONET AS HORSES		
	HORSESHO		O MAATED.			NIIRE
Ecological:	HORSESHO	E KD NEAK HWT 120 WA				NIIRE
-		(S) DETECTED ACOUSTI		JG 1999.		NTRE
General:				JG 1999.		NTRE
General: Owner/Manager:	INDIVIDUAL			JG 1999. 69349	Element Last Seen:	
General: Owner/Manager: Occurrence No.	INDIVIDUAL	(S) DETECTED ACOUSTI	CALLY ON 15 AI		Element Last Seen: Site Last Seen:	1999-09-10
General: Owner/Manager: Occurrence No. Occ. Rank:	INDIVIDUALI UNKNOWN 147 Unknown	(S) DETECTED ACOUSTI	CALLY ON 15 AI	69349		1999-09-10 1999-09-10
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	INDIVIDUALI UNKNOWN 147 Unknown Natural/Nativ	(S) DETECTED ACOUSTI Map Index: 66400 re occurrence	CALLY ON 15 AU EO Index: Presence:	69349 Presumed Extant	Site Last Seen:	1999-09-10 1999-09-10
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	INDIVIDUALI UNKNOWN 147 Unknown	(S) DETECTED ACOUSTI Map Index: 66400 re occurrence	CALLY ON 15 AU EO Index: Presence:	69349 Presumed Extant	Site Last Seen:	1999-09-10 1999-09-10
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	INDIVIDUALI UNKNOWN 147 Unknown Natural/Nativ Knights Ferry Stanislaus	(S) DETECTED ACOUSTI Map Index: 66400 /e occurrence y (3712076)	CALLY ON 15 AU EO Index: Presence:	69349 Presumed Extant Unknown	Site Last Seen: Record Last Updated:	1999-09-10 1999-09-10
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	INDIVIDUALI UNKNOWN 147 Unknown Natural/Nativ Knights Ferry Stanislaus 37.81974 / -1	(S) DETECTED ACOUSTIG Map Index: 66400 re occurrence y (3712076) 120.67173	CALLY ON 15 AU EO Index: Presence:	69349 Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: 1/10 mile	1999-09-10 1999-09-10
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	INDIVIDUALI UNKNOWN 147 Unknown Natural/Nativ Knights Ferry Stanislaus 37.81974 / -1	(S) DETECTED ACOUSTIN Map Index: 66400 /e occurrence y (3712076) 120.67173 188369 E704929	CALLY ON 15 AU EO Index: Presence:	69349 Presumed Extant Unknown	Site Last Seen: Record Last Updated:	1999-09-10 1999-09-10
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	INDIVIDUALd UNKNOWN 147 Unknown Natural/Nativ Knights Ferry Stanislaus 37.81974 / -1 Zone-10 N41 T01S, R12E,	(S) DETECTED ACOUSTIG Map Index: 66400 /e occurrence y (3712076) 120.67173 188369 E704929 , Sec. 29 (M)	CALLY ON 15 AU EO Index: Presence:	69349 Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 1/10 mile 130	1999-09-10 1999-09-10
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	INDIVIDUALI UNKNOWN 147 Unknown Natural/Nativ Knights Ferry Stanislaus 37.81974 / -1 Zone-10 N41 T01S, R12E, KNIGHTS FE	(S) DETECTED ACOUSTIN Map Index: 66400 /e occurrence y (3712076) 120.67173 188369 E704929 , Sec. 29 (M) ERRY.	EO Index: Presence: Trend:	69349 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1/10 mile 130 0.0	1999-09-10 1999-09-10 2007-05-08
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	INDIVIDUALI UNKNOWN 147 Unknown Natural/Nativ Knights Ferry Stanislaus 37.81974 / -1 Zone-10 N41 T01S, R12E, KNIGHTS FE MAPPED AC	(S) DETECTED ACOUSTIN Map Index: 66400 /e occurrence y (3712076) 120.67173 188369 E704929 , Sec. 29 (M) ERRY. CCORDING TO LAT/LONG	CALLY ON 15 AI EO Index: Presence: Trend:	69349 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1/10 mile 130 0.0	1999-09-10 1999-09-10 2007-05-08
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	INDIVIDUAL UNKNOWN 147 Unknown Natural/Nativ Knights Ferry Stanislaus 37.81974 / -1 Zone-10 N41 T01S, R12E, KNIGHTS FE MAPPED AC COTTONWC	(S) DETECTED ACOUSTIN <b>Map Index:</b> 66400 /e occurrence y (3712076) 120.67173 188369 E704929 , Sec. 29 (M) ERRY. CCORDING TO LAT/LONG DOD/SYCAMORE. DOMIN/	CALLY ON 15 AI EO Index: Presence: Trend: COORDINATES	69349 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1/10 mile 130 0.0 NCLUDES LOCALITY "COTTO STRIP THAT IS ONLY 2-3 TRE	1999-09-16 1999-09-16 2007-05-08



California Department of Fish and Wildlife



Occurrence No.	192	Map Index: 64072	EO Index:	69716	Element Last Seen:	1999-09-16
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1999-09-16
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2007-04-19
Quad Summary:	Knights Ferr	y (3712076)				
County Summary:	Calaveras, T	Fuolumne				
Lat/Long:	37.84068 / -	120.64195		Accuracy:	1/10 mile	
UTM:	Zone-10 N4	190759 E707492		Elevation (ft):	250	
PLSS:	T01S, R12E	, Sec. 22 (M)		Acres:	0.0	
Location:	ABOUT 2 M	ILES NE OF KNIGHTS FEF	RRY, STANISLA	US RIVER, TWO MILE BAR.		
Detailed Location:						
Ecological:						
General:	BAT(S) DET	ECTED ON 16 SEP 1999.				
Owner/Manager:	UNKNOWN					
Occurrence No.	193	Map Index: 69001	EO Index:	69722	Element Last Seen:	1999-09-16
Occ. Rank:	Unknown	<b>p</b>	Presence:	Presumed Extant	Site Last Seen:	1999-09-16
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2007-05-08
Quad Summary:	Knights Ferr	v (3712076)				
County Summary:	Stanislaus	, (,				
Lat/Long:	37.81999 / -	120.66170		Accuracy:	1/10 mile	
-				,		
UIM:	Zone-10 N42	188419 E705811		Elevation (ft):	180	
		188419 E705811 , Sec. 28, NW (M)		Elevation (ft): Acres:	180 0.0	
PLSS:	T01S, R12E		FERRY.			
PLSS: Location:	T01S, R12E ABOUT 0.5 MAPPED AC	, Sec. 28, NW (M) MILE EAST OF KNIGHTS F			0.0	C PLATFORM
PLSS: Location: Detailed Location:	T01S, R12E ABOUT 0.5 MAPPED AC RIVER EDG	, Sec. 28, NW (M) MILE EAST OF KNIGHTS F CCORDING TO LAT/LONG E," & "PICNIC AREA."	COORDINATES	Acres:	0.0 CLUDES "FLOODPLAIN," "He	
PLSS: Location: Detailed Location: Ecological:	T01S, R12E ABOUT 0.5 I MAPPED AO RIVER EDG COTTONWO	, Sec. 28, NW (M) MILE EAST OF KNIGHTS F CCORDING TO LAT/LONG E," & "PICNIC AREA." DOD/SYCAMORE. DOMIN/	COORDINATES	Acres:	0.0 CLUDES "FLOODPLAIN," "He TRIP THAT IS ONLY 2-3 TRE	
PLSS: Location: Detailed Location: Ecological: General:	T01S, R12E ABOUT 0.5 I MAPPED AO RIVER EDG COTTONWO	, Sec. 28, NW (M) MILE EAST OF KNIGHTS F CCORDING TO LAT/LONG E," & "PICNIC AREA." DOD/SYCAMORE. DOMIN/	COORDINATES	Acres: S PROVIDED BY PIE04R001. IN RE TREES. CONSISTS OF A ST	0.0 CLUDES "FLOODPLAIN," "He TRIP THAT IS ONLY 2-3 TRE	
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager:	T01S, R12E ABOUT 0.5 I MAPPED AC RIVER EDG COTTONWC BAT(S) DET	, Sec. 28, NW (M) MILE EAST OF KNIGHTS F CCORDING TO LAT/LONG E," & "PICNIC AREA." DOD/SYCAMORE. DOMIN/	COORDINATES	Acres: S PROVIDED BY PIE04R001. IN RE TREES. CONSISTS OF A ST	0.0 CLUDES "FLOODPLAIN," "He TRIP THAT IS ONLY 2-3 TRE	
PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No.	T01S, R12E ABOUT 0.5 I MAPPED AC RIVER EDG COTTONWC BAT(S) DET UNKNOWN	, Sec. 28, NW (M) MILE EAST OF KNIGHTS F CCORDING TO LAT/LONG E," & "PICNIC AREA." DOD/SYCAMORE. DOMIN/ ECTED ON 3 JUL & 15 SE	COORDINATES ATED BY MATU P 1998. 29 APR	Acres: S PROVIDED BY PIE04R001. IN RE TREES. CONSISTS OF A ST , 17 -18 JUN, 15 AUG 16 SEP &	0.0 CLUDES "FLOODPLAIN," "He TRIP THAT IS ONLY 2-3 TRE 22 OCT 1999.	ES WIDE.
PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No. Dcc. Rank:	T01S, R12E ABOUT 0.5 I MAPPED AC RIVER EDG COTTONWO BAT(S) DET UNKNOWN 195 Unknown	, Sec. 28, NW (M) MILE EAST OF KNIGHTS F CCORDING TO LAT/LONG E," & "PICNIC AREA." DOD/SYCAMORE. DOMIN/ ECTED ON 3 JUL & 15 SE	COORDINATES ATED BY MATU P 1998. 29 APR EO Index:	Acres: S PROVIDED BY PIE04R001. IN RE TREES. CONSISTS OF A ST , 17 -18 JUN, 15 AUG 16 SEP & 69733	0.0 CLUDES "FLOODPLAIN," "HO TRIP THAT IS ONLY 2-3 TRE 22 OCT 1999. Element Last Seen:	ES WIDE. 1999-04-29
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	T01S, R12E ABOUT 0.5 I MAPPED AC RIVER EDG COTTONWO BAT(S) DET UNKNOWN 195 Unknown	, Sec. 28, NW (M) MILE EAST OF KNIGHTS F CCORDING TO LAT/LONG E," & "PICNIC AREA." DOD/SYCAMORE. DOMIN/ ECTED ON 3 JUL & 15 SE Map Index: 69005 ve occurrence	COORDINATES ATED BY MATU P 1998. 29 APR EO Index: Presence:	Acres: S PROVIDED BY PIE04R001. IN RE TREES. CONSISTS OF A ST , 17 -18 JUN, 15 AUG 16 SEP & 69733 Presumed Extant	0.0 CLUDES "FLOODPLAIN," "HO TRIP THAT IS ONLY 2-3 TRE 22 OCT 1999. Element Last Seen: Site Last Seen:	ES WIDE. 1999-04-29 1999-04-29
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	T01S, R12E ABOUT 0.5 I MAPPED AC RIVER EDG COTTONWC BAT(S) DET UNKNOWN 195 Unknown Natural/Nativ	, Sec. 28, NW (M) MILE EAST OF KNIGHTS F CCORDING TO LAT/LONG E," & "PICNIC AREA." DOD/SYCAMORE. DOMIN/ ECTED ON 3 JUL & 15 SE Map Index: 69005 ve occurrence	COORDINATES ATED BY MATU P 1998. 29 APR EO Index: Presence:	Acres: S PROVIDED BY PIE04R001. IN RE TREES. CONSISTS OF A ST , 17 -18 JUN, 15 AUG 16 SEP & 69733 Presumed Extant	0.0 CLUDES "FLOODPLAIN," "HO TRIP THAT IS ONLY 2-3 TRE 22 OCT 1999. Element Last Seen: Site Last Seen:	ES WIDE. 1999-04-29 1999-04-29
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	T01S, R12E ABOUT 0.5 I MAPPED AC RIVER EDG COTTONWO BAT(S) DET UNKNOWN 195 Unknown Natural/Natio Oakdale (37	, Sec. 28, NW (M) MILE EAST OF KNIGHTS F CCORDING TO LAT/LONG E," & "PICNIC AREA." DOD/SYCAMORE. DOMIN/ ECTED ON 3 JUL & 15 SE Map Index: 69005 ve occurrence	COORDINATES ATED BY MATU P 1998. 29 APR EO Index: Presence:	Acres: S PROVIDED BY PIE04R001. IN RE TREES. CONSISTS OF A ST , 17 -18 JUN, 15 AUG 16 SEP & 69733 Presumed Extant	0.0 CLUDES "FLOODPLAIN," "HO TRIP THAT IS ONLY 2-3 TRE 22 OCT 1999. Element Last Seen: Site Last Seen:	ES WIDE. 1999-04-29 1999-04-29
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	T01S, R12E ABOUT 0.5 J MAPPED AC RIVER EDG COTTONWO BAT(S) DET UNKNOWN 195 Unknown Natural/Nativ Oakdale (37 Stanislaus 37.78819 / -*	, Sec. 28, NW (M) MILE EAST OF KNIGHTS F CCORDING TO LAT/LONG E," & "PICNIC AREA." DOD/SYCAMORE. DOMIN/ ECTED ON 3 JUL & 15 SE Map Index: 69005 ve occurrence	COORDINATES ATED BY MATU P 1998. 29 APR EO Index: Presence:	Acres: S PROVIDED BY PIE04R001. IN RE TREES. CONSISTS OF A ST , 17 -18 JUN, 15 AUG 16 SEP & 69733 Presumed Extant Unknown	0.0 CLUDES "FLOODPLAIN," "HO TRIP THAT IS ONLY 2-3 TRE 22 OCT 1999. Element Last Seen: Site Last Seen: Record Last Updated:	ES WIDE. 1999-04-29 1999-04-29
PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM:	T01S, R12E ABOUT 0.5 I MAPPED AC RIVER EDG COTTONWC BAT(S) DET UNKNOWN 195 Unknown Natural/Nativ Oakdale (37 Stanislaus 37.78819 / - Zone-10 N4	, Sec. 28, NW (M) MILE EAST OF KNIGHTS F CCORDING TO LAT/LONG E," & "PICNIC AREA." DOD/SYCAMORE. DOMIN/ ECTED ON 3 JUL & 15 SE Map Index: 69005 ve occurrence 12077)	COORDINATES ATED BY MATU P 1998. 29 APR EO Index: Presence:	Acres: S PROVIDED BY PIE04R001. IN RE TREES. CONSISTS OF A ST , 17 -18 JUN, 15 AUG 16 SEP & 69733 Presumed Extant Unknown Accuracy:	0.0 CLUDES "FLOODPLAIN," "He TRIP THAT IS ONLY 2-3 TRE 22 OCT 1999. Element Last Seen: Site Last Seen: Record Last Updated: 1/10 mile	ES WIDE. 1999-04-29 1999-04-29
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	T01S, R12E ABOUT 0.5 J MAPPED AC RIVER EDG COTTONWO BAT(S) DET UNKNOWN 195 Unknown Natural/Nativ Oakdale (37 Stanislaus 37.78819 / - <sup>-</sup> Zone-10 N4 <sup>-</sup> T02S, R11E	, Sec. 28, NW (M) MILE EAST OF KNIGHTS F CCORDING TO LAT/LONG E," & "PICNIC AREA." DOD/SYCAMORE. DOMIN/ ECTED ON 3 JUL & 15 SE Map Index: 69005 ve occurrence 12077) 120.76259 184672 E697014 , Sec. 04, SE (M)	COORDINATES ATED BY MATU P 1998. 29 APR EO Index: Presence: Trend:	Acres: S PROVIDED BY PIE04R001. IN RE TREES. CONSISTS OF A ST , 17 -18 JUN, 15 AUG 16 SEP & 69733 Presumed Extant Unknown Accuracy: Elevation (ft):	0.0 CLUDES "FLOODPLAIN," "He TRIP THAT IS ONLY 2-3 TRE 22 OCT 1999. Element Last Seen: Site Last Seen: Record Last Updated: 1/10 mile 120 0.0	ES WIDE. 1999-04-29 1999-04-29
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	T01S, R12E ABOUT 0.5 I MAPPED AC RIVER EDG COTTONWC BAT(S) DET UNKNOWN 195 Unknown Natural/Nativ Oakdale (37 Stanislaus 37.78819 / - <sup>2</sup> Zone-10 N4 <sup>2</sup> T02S, R11E ABOUT 5 MI EXACT LOC	, Sec. 28, NW (M) MILE EAST OF KNIGHTS F CCORDING TO LAT/LONG (E," & "PICNIC AREA." DOD/SYCAMORE. DOMIN/ TECTED ON 3 JUL & 15 SE Map Index: 69005 ve occurrence 12077) 120.76259 184672 E697014 , Sec. 04, SE (M) ILES ENE OF OAKDALE, C CATION UNKNOWN. SOUR	COORDINATES ATED BY MATU P 1998. 29 APR EO Index: Presence: Trend: DRANGE BLOSS CE GIVES LOC	Acres: S PROVIDED BY PIE04R001. IN RE TREES. CONSISTS OF A ST , 17 -18 JUN, 15 AUG 16 SEP & 69733 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: SOM RD CROSSING OF STANIS ALITY AS "STANISLAUS RIVER	0.0 CLUDES "FLOODPLAIN," "HO TRIP THAT IS ONLY 2-3 TRE 22 OCT 1999. Element Last Seen: Site Last Seen: Record Last Updated: 1/10 mile 120 0.0 SLAUS RIVER.	ES WIDE. 1999-04-29 1999-04-29 2007-04-19
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	T01S, R12E ABOUT 0.5 I MAPPED AC RIVER EDG COTTONWC BAT(S) DET UNKNOWN 195 Unknown Natural/Nativ Oakdale (37 Stanislaus 37.78819 / - <sup>2</sup> Zone-10 N4 <sup>2</sup> T02S, R11E ABOUT 5 MI EXACT LOC	, Sec. 28, NW (M) MILE EAST OF KNIGHTS F CCORDING TO LAT/LONG (E," & "PICNIC AREA." DOD/SYCAMORE. DOMIN/ TECTED ON 3 JUL & 15 SE Map Index: 69005 ve occurrence 12077) 120.76259 184672 E697014 , Sec. 04, SE (M) ILES ENE OF OAKDALE, C	COORDINATES ATED BY MATU P 1998. 29 APR EO Index: Presence: Trend: DRANGE BLOSS CE GIVES LOC	Acres: S PROVIDED BY PIE04R001. IN RE TREES. CONSISTS OF A ST , 17 -18 JUN, 15 AUG 16 SEP & 69733 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: SOM RD CROSSING OF STANIS ALITY AS "STANISLAUS RIVER	0.0 CLUDES "FLOODPLAIN," "HO TRIP THAT IS ONLY 2-3 TRE 22 OCT 1999. Element Last Seen: Site Last Seen: Record Last Updated: 1/10 mile 120 0.0 SLAUS RIVER.	ES WIDE. 1999-04-29 1999-04-29 2007-04-19
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General:	T01S, R12E ABOUT 0.5 I MAPPED AC RIVER EDG COTTONWO BAT(S) DET UNKNOWN 195 Unknown Natural/Natin Oakdale (37 Stanislaus 37.78819 / - Zone-10 N4 <sup>2</sup> T02S, R11E ABOUT 5 MI EXACT LOC ESTIMATE /	, Sec. 28, NW (M) MILE EAST OF KNIGHTS F CCORDING TO LAT/LONG (E," & "PICNIC AREA." DOD/SYCAMORE. DOMIN/ TECTED ON 3 JUL & 15 SE Map Index: 69005 ve occurrence 12077) 120.76259 184672 E697014 , Sec. 04, SE (M) ILES ENE OF OAKDALE, C CATION UNKNOWN. SOUR	COORDINATES ATED BY MATU P 1998. 29 APR EO Index: Presence: Trend: DRANGE BLOSS CE GIVES LOC	Acres: S PROVIDED BY PIE04R001. IN RE TREES. CONSISTS OF A ST , 17 -18 JUN, 15 AUG 16 SEP & 69733 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: SOM RD CROSSING OF STANIS ALITY AS "STANISLAUS RIVER	0.0 CLUDES "FLOODPLAIN," "HO TRIP THAT IS ONLY 2-3 TRE 22 OCT 1999. Element Last Seen: Site Last Seen: Record Last Updated: 1/10 mile 120 0.0 SLAUS RIVER.	ES WIDE. 1999-04-29 1999-04-29 2007-04-19



Micro:

OR HABITAT EDGES FOR FEEDING.

California Department of Fish and Wildlife

**California Natural Diversity Database** 



Lasionycteris I	noctivagar	าร			Element Code: AMA	CC02010
silver-haired bat						
Listing Status:	Federal:	None		CNDDB Element R	anks: Global: G3G4	
	State:	None			State: S3S4	
	Other:	IUCN_LC-Least Concern				
Habitat:	General:	PRIMARILY A COASTAL A BRUSHY AREAS.	ND MONTANE I	FOREST DWELLER, FEEDIN	G OVER STREAMS, PONDS A	ND OPEN
	Micro:	ROOSTS IN HOLLOW TRE UNDER ROCKS. NEEDS D			DONED WOODPECKER HOLES	S, AND RAREL
Occurrence No.	138	Map Index: 69001	EO Index:	69718	Element Last Seen:	1999-04-29
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1999-04-29
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2007-04-23
Quad Summary:	Knights Fe	erry (3712076)				
County Summary:	Stanislaus	3				
Lat/Long:	37.81999	/ -120.66170		Accuracy:	1/10 mile	
UTM:	Zone-10 N	V4188419 E705811		Elevation (ft)	: 180	
PLSS:	T01S, R12	2E, Sec. 28, NW (M)		Acres:	0.0	
Location:	ABOUT 0	.5 MILE EAST OF KNIGHTS I	ERRY.			
Detailed Location:	MAPPED	ACCORDING TO LAT/LONG	COORDINATES	S PROVIDED BY SOURCE, W	VITH LOCALITY "FLOODPLAIN	
Ecological:	COTTON	WOOD/SYCAMORE. DOMIN/	ATED BY MATU	RE TREES. CONSISTS OF A	STRIP THAT IS ONLY 2-3 TRE	ES WIDE.
General:	BAT(S) D	ETECTED ON 29 APR 1999.				
Owner/Manager:	UNKNOW	/N				
Lasiurus ciner	eus				Element Code: AMA	.CC05032
hoary bat						
Listing Status:	Federal:	None		CNDDB Element R	anks: Global: G3G4	
-	State:	None			State: S4	
	Other:	IUCN_LC-Least Concern				
Habitat:	General:	PREFERS OPEN HABITAT		MOSAICS, WITH ACCESS T	O TREES FOR COVER AND O	PEN AREAS

ROOSTS IN DENSE FOLIAGE OF MEDIUM TO LARGE TREES. FEEDS PRIMARILY ON MOTHS. REQUIRES WATER.



California Department of Fish and Wildlife



Occurrence No.	157	Map Index: 68815	EO Index:	69341	Element Last Seen:	1999-08-15
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1999-08-15
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown	Record Last Updated:	2007-04-04
Quad Summary:	Knights Ferry	y (3712076)				
County Summary:	Stanislaus					
Lat/Long:	37.81431 / -1	120,72429		Accuracy:	non-specific area	
UTM:		187653 E700317		Elevation (ft):	164	
PLSS:	T01S, R11E,			Acres:	152.0	
Location:		LES WSW OF KNIGHTS F				
Detailed Location:				OCALITY ONLY AS "HORSESH	OF & & B HW/Y 120 " THE F	NTIRE
		E RD NEAR HWY 120 WA				
Ecological:						
General:	INDIVIDUAL	(S) DETECTED ACOUSTI	CALLY ON 15 A	JG 1999.		
Owner/Manager:	UNKNOWN					
Occurrence No.	158	Map Index: 66400	EO Index:	69348	Element Last Seen:	1999-10-22
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1999-10-22
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2007-05-08
Quad Summary:	Knights Ferry	y (3712076)				
County Summary:	Stanislaus	, , ,				
Lat/Long:	37.81974 / -1	120.67173		Accuracy:	1/10 mile	
UTM:		188369 E704929		Elevation (ft):	130	
				()		
PLSS:	T01S, R12E,	, Sec. 29 (M)		Acres:	0.0	
				Acres:	0.0	
Location:	KNIGHTS FE	ERRY. CCORDING TO LAT/LONG		Acres:		SFERRY
Location: Detailed Location:	KNIGHTS FE	ERRY. CCORDING TO LAT/LONG	COORDINATES			SFERRY
Location: Detailed Location: Ecological:	KNIGHTS FE MAPPED AC "COTTONWO	ERRY. CORDING TO LAT/LONG OODS."			LUDES LOCALITIES KNIGHT	
Location: Detailed Location: Ecological: General:	KNIGHTS FE MAPPED AC "COTTONWO	ERRY. CORDING TO LAT/LONG OODS."		S PROVIDED BY SOURCE. INCL	LUDES LOCALITIES KNIGHT	
Location: Detailed Location: Ecological: General: Dwner/Manager:	KNIGHTS FE MAPPED AC "COTTONW INDIVIDUAL UNKNOWN	ERRY. CORDING TO LAT/LONG OODS." (S) DETECTED ACOUSTI	CALLY ON 3 JUI	S PROVIDED BY SOURCE. INCI L 1998, 29 APR, 17 JUN, 15 AUC	LUDES LOCALITIES KNIGHT G, 16 SEP AND 22 OCT 1999	
Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No.	KNIGHTS FE MAPPED AC "COTTONWO INDIVIDUAL UNKNOWN 208	ERRY. CORDING TO LAT/LONG OODS."	CALLY ON 3 JUI	5 PROVIDED BY SOURCE. INCl L 1998, 29 APR, 17 JUN, 15 AUC 69720	LUDES LOCALITIES KNIGHT G, 16 SEP AND 22 OCT 1999 Element Last Seen:	1999-10-22
Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No. Dcc. Rank:	KNIGHTS FE MAPPED AC "COTTONWO INDIVIDUAL UNKNOWN 208 Unknown	ERRY. CORDING TO LAT/LONG OODS." (S) DETECTED ACOUSTI	CALLY ON 3 JUI	S PROVIDED BY SOURCE. INCI L 1998, 29 APR, 17 JUN, 15 AUC	LUDES LOCALITIES KNIGHT G, 16 SEP AND 22 OCT 1999	1999-10-22 1999-10-22
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	KNIGHTS FE MAPPED AC "COTTONWO INDIVIDUAL UNKNOWN 208 Unknown Natural/Nativ	ERRY. CCORDING TO LAT/LONG OODS." (S) DETECTED ACOUSTI Map Index: 69001 /e occurrence	CALLY ON 3 JUI EO Index: Presence:	S PROVIDED BY SOURCE. INCl 1998, 29 APR, 17 JUN, 15 AUC 69720 Presumed Extant	LUDES LOCALITIES KNIGHT G, 16 SEP AND 22 OCT 1999 Element Last Seen: Site Last Seen:	1999-10-22 1999-10-22
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	KNIGHTS FE MAPPED AC "COTTONWO INDIVIDUAL UNKNOWN 208 Unknown	ERRY. CCORDING TO LAT/LONG OODS." (S) DETECTED ACOUSTI Map Index: 69001 /e occurrence	CALLY ON 3 JUI EO Index: Presence:	S PROVIDED BY SOURCE. INCl 1998, 29 APR, 17 JUN, 15 AUC 69720 Presumed Extant	LUDES LOCALITIES KNIGHT G, 16 SEP AND 22 OCT 1999 Element Last Seen: Site Last Seen:	1999-10-22 1999-10-22
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	KNIGHTS FE MAPPED AC "COTTONWO INDIVIDUAL UNKNOWN 208 Unknown Natural/Nativ Knights Ferry	ERRY. CORDING TO LAT/LONG OODS." (S) DETECTED ACOUSTI Map Index: 69001 /e occurrence y (3712076)	CALLY ON 3 JUI EO Index: Presence:	S PROVIDED BY SOURCE. INCl 1998, 29 APR, 17 JUN, 15 AUC 69720 Presumed Extant	LUDES LOCALITIES KNIGHT G, 16 SEP AND 22 OCT 1999 Element Last Seen: Site Last Seen:	1999-10-22 1999-10-22
Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long:	KNIGHTS FE MAPPED AC "COTTONWO INDIVIDUAL UNKNOWN 208 Unknown Natural/Nativ Knights Ferry Stanislaus 37.81999 / -1	ERRY. CORDING TO LAT/LONG OODS." (S) DETECTED ACOUSTI Map Index: 69001 /e occurrence y (3712076)	CALLY ON 3 JUI EO Index: Presence:	S PROVIDED BY SOURCE. INCl 1998, 29 APR, 17 JUN, 15 AUC 69720 Presumed Extant Unknown	LUDES LOCALITIES KNIGHT G, 16 SEP AND 22 OCT 1999 Element Last Seen: Site Last Seen: Record Last Updated:	1999-10-22 1999-10-22
Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM:	KNIGHTS FE MAPPED AC "COTTONWO INDIVIDUAL UNKNOWN 208 Unknown Natural/Nativ Knights Ferry Stanislaus 37.81999 / -1 Zone-10 N41	ERRY. CCORDING TO LAT/LONG OODS." (S) DETECTED ACOUSTIN Map Index: 69001 /e occurrence y (3712076)	CALLY ON 3 JUI EO Index: Presence:	S PROVIDED BY SOURCE. INCl 1998, 29 APR, 17 JUN, 15 AUC 69720 Presumed Extant Unknown Accuracy:	LUDES LOCALITIES KNIGHT G, 16 SEP AND 22 OCT 1999 Element Last Seen: Site Last Seen: Record Last Updated: 1/10 mile	1999-10-22 1999-10-22
Location: Detailed Location: Ecological: General: Dwner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	KNIGHTS FE MAPPED AC "COTTONWO INDIVIDUAL UNKNOWN 208 Unknown Natural/Nativ Knights Ferry Stanislaus 37.81999 / -1 Zone-10 N41 T01S, R12E,	ERRY. CCORDING TO LAT/LONG OODS." (S) DETECTED ACOUSTIN Map Index: 69001 /e occurrence y (3712076) 120.66170 188419 E705811 , Sec. 28, NW (M)	CALLY ON 3 JUI EO Index: Presence: Trend:	S PROVIDED BY SOURCE. INCl 1998, 29 APR, 17 JUN, 15 AUC 69720 Presumed Extant Unknown Accuracy: Elevation (ft):	LUDES LOCALITIES KNIGHT G, 16 SEP AND 22 OCT 1999 Element Last Seen: Site Last Seen: Record Last Updated: 1/10 mile 180	1999-10-22 1999-10-22
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	KNIGHTS FE MAPPED AC "COTTONWO INDIVIDUAL UNKNOWN 208 Unknown Natural/Nativ Knights Ferry Stanislaus 37.81999 / -1 Zone-10 N41 T01S, R12E, ABOUT 0.5 M	ERRY. CORDING TO LAT/LONG OODS." (S) DETECTED ACOUSTIN Map Index: 69001 /e occurrence y (3712076) 120.66170 188419 E705811 , Sec. 28, NW (M) MILE EAST OF KNIGHTS I CCORDING TO LAT/LONG	CALLY ON 3 JUI EO Index: Presence: Trend:	S PROVIDED BY SOURCE. INCl 1998, 29 APR, 17 JUN, 15 AUC 69720 Presumed Extant Unknown Accuracy: Elevation (ft):	LUDES LOCALITIES KNIGHT G, 16 SEP AND 22 OCT 1999 Element Last Seen: Site Last Seen: Record Last Updated: 1/10 mile 180 0.0	1999-10-22 1999-10-22 2007-05-08
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological:	KNIGHTS FE MAPPED AC "COTTONWO INDIVIDUAL UNKNOWN 208 Unknown Natural/Nativ Knights Ferry Stanislaus 37.81999 / -1 Zone-10 N41 T01S, R12E, ABOUT 0.5 M MAPPED AC RIVER EDG	ERRY. CORDING TO LAT/LONG OODS." (S) DETECTED ACOUSTIN Map Index: 69001 /e occurrence y (3712076) 120.66170 188419 E705811 , Sec. 28, NW (M) MILE EAST OF KNIGHTS I CORDING TO LAT/LONG E," & "PICNIC AREA."	CALLY ON 3 JUI EO Index: Presence: Trend: FERRY.	S PROVIDED BY SOURCE. INCl 1998, 29 APR, 17 JUN, 15 AUC 69720 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	LUDES LOCALITIES KNIGHT G, 16 SEP AND 22 OCT 1999 Element Last Seen: Site Last Seen: Record Last Updated: 1/10 mile 180 0.0 JDES "FLOODPLAIN," "HC P	1999-10-22 1999-10-22 2007-05-08
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	KNIGHTS FE MAPPED AC "COTTONWO INDIVIDUAL UNKNOWN 208 Unknown Natural/Nativ Knights Ferry Stanislaus 37.81999 / -1 Zone-10 N41 T01S, R12E, ABOUT 0.5 M MAPPED AC RIVER EDGI COTTONWO	ERRY. CCORDING TO LAT/LONG OODS." (S) DETECTED ACOUSTIN Map Index: 69001 /e occurrence y (3712076) 120.66170 188419 E705811 , Sec. 28, NW (M) MILE EAST OF KNIGHTS I CCORDING TO LAT/LONG E," & "PICNIC AREA." DOD/SYCAMORE. DOMIN.	CALLY ON 3 JUI EO Index: Presence: Trend: FERRY. GOORDINATS	S PROVIDED BY SOURCE. INCl 1998, 29 APR, 17 JUN, 15 AUC 69720 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: PROVIDED BY SOURCE. INCLU	LUDES LOCALITIES KNIGHT G, 16 SEP AND 22 OCT 1999 Element Last Seen: Site Last Seen: Record Last Updated: 1/10 mile 180 0.0 JDES "FLOODPLAIN," "HC P TRIP THAT IS ONLY 2-3 TRE	1999-10-22 1999-10-22 2007-05-08



California Department of Fish and Wildlife



Occurrence No.	210	Map Index: 69005	EO Index:	69731		Element Last Seen:	1999-04-29
Occ. Rank:	Unknown		Presence:	Presumed Extar	nt	Site Last Seen:	1999-04-29
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown		Record Last Updated:	2007-04-19
Quad Summary:	Oakdale (3	3712077)					
County Summary:	Stanislaus						
Lat/Long:	37.78819/	-120.76259		A	ccuracy:	1/10 mile	
UTM:	Zone-10 N	4184672 E697014		E	levation (ft):	120	
PLSS:	T02S, R11	E, Sec. 04, SE (M)		А	cres:	0.0	
Location:	ABOUT 5	MILES ENE OF OAKDALE, C	RANGE BLOSS	SOM RD CROSSII	NG OF STANIS	LAUS RIVER.	
Detailed Location:		CATION UNKNOWN. SOUR AT ORANGE BLOSSOM RI				ORANGE BLOSSOM." MAP	PED AS BEST
Ecological:							
General:	BAT(S) DE	TECTED ON 29 APR 1999.					
Owner/Manager:	UNKNOW	N					
Lasiurus frantz	zii					Element Code: AMA	CC05080
western red bat							
Listing Status:	Federal:	None		CNDDB	B Element Rank	s: Global: G4	
	State:	None				State: S3	
	Other:	CDFW_SSC-Species of Spe	ecial Concern, Il	JCN_LC-Least Co	oncern		
Habitat:	General:	ROOSTS PRIMARILY IN TH FORESTS.	REES, 2-40 FT /	ABOVE GROUND	, FROM SEA LI	EVEL UP THROUGH MIXED	CONIFER
	Micro:	PREFERS HABITAT EDGE BELOW WITH OPEN AREA			THAT ARE PRO	DTECTED FROM ABOVE AN	D OPEN
Occurrence No.	18	Map Index: 68813	EO Index:	69334		Element Last Seen:	1999-08-15
Occ. Rank:	Unknown		Presence:	Presumed Extar	nt	Site Last Seen:	1999-08-15
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown		Record Last Updated:	2007-04-19
Quad Summary:	Oakdale (3	3712077)					
County Summary:	Stanislaus						
Lat/Long:	37.77654 /	-120.78129		А	ccuracy:	non-specific area	
UTM:	Zone-10 N	4183340 E695398		E	levation (ft):	108	
PLSS:	T02S, R11	E, Sec. 08 (M)		А	cres:	61.0	
Location:	ABOUT 3.	7 ROAD MILES NE OF OAKE	DALE ON HWY	120, AT INTERSE	CTION WITH C	RANGE BLOSSOM RD.	
Detailed Location:	EXACT LO	CATION UNKNOWN, AS SC	OURCE GIVES L	OCALITY ONLY A	AS "ORANGE E	LOSSOM, HWY 120." MAPF	ED AS BEST
Ecological:							
General:	INDIVIDU	AL(S) DETECTED ACOUSTIC	CALLY ON 15 A	UG 1999.			
Owner/Manager:	UNKNOW	N					



California Department of Fish and Wildlife



VERSIT						
Occurrence No.	19	Map Index: 68815	EO Index:	69340	Element Last Seen:	1999-08-15
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1999-08-15
Осс. Туре:	Natural/Nativ	ive occurrence	Trend:	Unknown	Record Last Updated:	2007-04-04
Quad Summary:	Knights Ferr	ry (3712076)				
County Summary:	Stanislaus					
Lat/Long:	37.81431 / -′	-120 72429		Accuracy:	non-specific area	
UTM:		187653 E700317		Elevation (ft):	164	
PLSS:		E, Sec. 26 (M)		Acres:	152.0	
Location:		ILES WSW OF KNIGHTS F				
Detailed Location:	EXACT LOC		OURCE GIVES L	OCALITY ONLY AS "HORSESH	IOE B, HWY 120." THE ENTIF	RE
Ecological:						
General:	INDIVIDUAL	L(S) DETECTED ACOUSTI	CALLY ON 15 AU	JG 1999.		
Owner/Manager:	UNKNOWN					
				000.47		1000.00.11
Occurrence No.	20	Map Index: 66400	EO Index:	69347	Element Last Seen:	1999-09-16
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1999-09-16
Осс. Туре:	Natural/Nativ	ive occurrence	Trend:	Unknown	Record Last Updated:	2007-05-08
Quad Summary:	Knights Ferr	ry (3712076)				
County Summary:	Stanislaus					
Lat/Long:	37.81974 / -′	120.67173		Accuracy:	1/10 mile	
UTM:	Zone-10 N47	188369 E704929		Elevation (ft):	220	
PLSS:	T01S, R12E	E, Sec. 29, NE (M)		Acres:	0.0	
Location:	KNIGHTS FI	ERRY.				
Detailed Location:	MAPPED AC	CCORDING TO LAT/LONG	COORDINATES	S PROVIDED BY PIE04R0001. I	NCLUDES LOCALITY "COTT	ONWOODS.
Ecological:	COTTONWO	OOD/SYCAMORE. DOMIN/	ATED BY MATU	RE TREES. CONSISTS OF A S	TRIP THAT IS ONLY 2-3 TRE	ES WIDE.
General:	INDIVIDUAL DETECTOR	L(S) DETECTED ACOUSTIC R WAS 2), 15 AUG (MAX. 12	CALLY ON 3 JUL 2), & 16 SEP (MA	L 1998, 29 APR (MAXIMUM # O AX. 5) 1999.	F DETECTION OBTAINED BY	
Owner/Manager:	UNKNOWN					A SINGLE
	UNKNOWN					A SINGLE
Occurrence No.	72	Map Index: 64072	EO Index:	69715	Element Last Seen:	7 A SINGLE 1999-09-16
			EO Index: Presence:	69715 Presumed Extant	Element Last Seen: Site Last Seen:	
Occ. Rank:	72 Unknown					1999-09-16 1999-09-16
Occ. Rank: Occ. Type:	72 Unknown Natural/Nativ	<b>Map Index:</b> 64072	Presence:	Presumed Extant	Site Last Seen:	1999-09-16 1999-09-16
Dcc. Rank: Dcc. Type: Quad Summary:	72 Unknown Natural/Nativ	Map Index: 64072 ive occurrence ry (3712076)	Presence:	Presumed Extant	Site Last Seen:	1999-09-16 1999-09-16
Occ. Rank: Occ. Type: Quad Summary: County Summary:	72 Unknown Natural/Nativ Knights Ferr Calaveras, T	Map Index: 64072 ive occurrence ry (3712076) Tuolumne	Presence:	Presumed Extant Unknown	Site Last Seen:	1999-09-16 1999-09-16
Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long:	72 Unknown Natural/Nativ Knights Ferr Calaveras, T 37.84068 / -	Map Index: 64072 ive occurrence ry (3712076) Tuolumne	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated:	1999-09-16 1999-09-16
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	72 Unknown Natural/Nativ Knights Ferr Calaveras, T 37.84068 / - Zone-10 N4	Map Index: 64072 ive occurrence ry (3712076) Tuolumne -120.64195	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated: 1/10 mile	1999-09-16 1999-09-16
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	72 Unknown Natural/Nativ Knights Ferr Calaveras, T 37.84068 / - Zone-10 N4 T01S, R12E	Map Index: 64072 ive occurrence ry (3712076) Tuolumne -120.64195 -190759 E707492 E, Sec. 22, NW (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1/10 mile 250	1999-09-16 1999-09-16
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	72 Unknown Natural/Nativ Knights Ferr Calaveras, T 37.84068 / - Zone-10 N4 T01S, R12E	Map Index: 64072 ive occurrence ry (3712076) Tuolumne -120.64195 -190759 E707492 E, Sec. 22, NW (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 1/10 mile 250	1999-09-16 1999-09-16
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	72 Unknown Natural/Nativ Knights Ferr Calaveras, T 37.84068 / - Zone-10 N4 T01S, R12E	Map Index: 64072 ive occurrence ry (3712076) Tuolumne -120.64195 -190759 E707492 E, Sec. 22, NW (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1/10 mile 250	1999-09-16
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological:	72 Unknown Natural/Nativ Knights Ferr Calaveras, T 37.84068 / - Zone-10 N4 <sup>2</sup> T01S, R12E ABOUT 2 M	Map Index: 64072 ive occurrence ry (3712076) Tuolumne 120.64195 190759 E707492 E, Sec. 22, NW (M) IILES NE OF KNIGHTS FER	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1/10 mile 250	1999-09-16 1999-09-16
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager:	72 Unknown Natural/Nativ Knights Ferr Calaveras, T 37.84068 / - Zone-10 N4 <sup>2</sup> T01S, R12E ABOUT 2 M	Map Index: 64072 ive occurrence ry (3712076) Tuolumne 120.64195 190759 E707492 E, Sec. 22, NW (M) IILES NE OF KNIGHTS FEF	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1/10 mile 250	1999-09-16 1999-09-16



California Department of Fish and Wildlife



Occ. Rank: Occ. Type: Quad Summary: County Summary: .at/Long:	Unknown Natural/Native occurrence Knights Ferry (3712076) Stanislaus	Presence: Trend:	Presumed Extant Unknown	Element Last Seen:	1999-10-22
Quad Summary: County Summary: .at/Long:	Knights Ferry (3712076) Stanislaus	Trend:	Unknown	Site Last Seen:	1999-10-22
County Summary:	Stanislaus			Record Last Updated:	2007-05-08
.at/Long:					
•					
	37.81999 / -120.66170		Accuracy:	1/10 mile	
JTM:	Zone-10 N4188419 E705811		Elevation (ft):	180	
PLSS:	T01S, R12E, Sec. 28, NW (M)		Acres:	0.0	
ocation:	ABOUT 0.5 MILE EAST OF KNIGHTS FE	RRY.			
Detailed Location:	MAPPED ACCORDING TO LAT/LONG C RIVER EDGE," & "PICNIC AREA."	OORDINATS	PROVIDED BY PIE04R0001. IN	CLUDES "FLOODPLAIN," "HO	C PLATFORM,
cological:	COTTONWOOD/SYCAMORE. DOMINAT	FED BY MATU	RE TREES. CONSISTS OF A ST	TRIP THAT IS ONLY 2-3 TRE	ES WIDE.
Seneral:	BAT(S) DETECTED ON 3 JUL & 15 SEP	1998. 29 APR,	, 17 -18 JUN, 15 AUG, 16 SEP &	22 OCT 1999.	
Owner/Manager:	UNKNOWN				
Occurrence No.	75 Map Index: 69005	EO Index:	69732	Element Last Seen:	1999-04-29
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:	1999-04-29
Осс. Туре:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:	2007-04-19
Quad Summary:	Oakdale (3712077)				
County Summary:	Stanislaus				
	37.78819 / -120.76259		Accuracy:	1/10 mile	
.at/Long:	51.10019/-120.10239		Elevation (ft)	120	
.at/Long: JTM:	Zone-10 N4184672 E697014		Elevation (ft):		
0			Acres:	0.0	
JTM:	Zone-10 N4184672 E697014	RANGE BLOSS	Acres:		
JTM: PLSS:	Zone-10 N4184672 E697014 T02S, R11E, Sec. 04, SE (M)	E GIVES LOC	Acres: SOM RD CROSSING OF STANIS ALITY AS "STANISLAUS RIVER	SLAUS RIVER.	PED AS BEST
DTM: PLSS: .ocation:	Zone-10 N4184672 E697014 T02S, R11E, Sec. 04, SE (M) ABOUT 5 MILES ENE OF OAKDALE, OR EXACT LOCATION UNKNOWN. SOURC	E GIVES LOC	Acres: SOM RD CROSSING OF STANIS ALITY AS "STANISLAUS RIVER	SLAUS RIVER.	PPED AS BEST
DTM: PLSS: .ocation: Detailed Location:	Zone-10 N4184672 E697014 T02S, R11E, Sec. 04, SE (M) ABOUT 5 MILES ENE OF OAKDALE, OR EXACT LOCATION UNKNOWN. SOURC	E GIVES LOC	Acres: SOM RD CROSSING OF STANIS ALITY AS "STANISLAUS RIVER	SLAUS RIVER.	PPED AS BEST
0			Elevation (it):		



**California Natural Diversity Database** 



Corynorhinus t	ownsendii	1			Element Code: AMA	CC08010
Townsend's big-e	eared bat					
Listing Status:	Federal:	None		CNDDB Element Ran	ks: Global: G4	
	State:	None			State: S2	
	Other:	BLM_S-Sensitive, CDFW_S	SSC-Species of S	Special Concern, IUCN_LC-Leas	t Concern, USFS_S-Sensitive	•
Habitat:	General:	THROUGHOUT CALIFORI	NIA IN A WIDE V	ARIETY OF HABITATS. MOST	COMMON IN MESIC SITES.	
	Micro:	ROOSTS IN THE OPEN, H SENSITIVE TO HUMAN D		WALLS AND CEILINGS. ROOS	TING SITES LIMITING. EXTR	REMELY
Occurrence No.	37	Map Index: 13112	EO Index:	24314	Element Last Seen:	2001-08-12
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2001-08-12
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2001-10-11
Quad Summary:	Knights Fe	erry (3712076)				
County Summary:	Calaveras,	, Tuolumne				
Lat/Long:	37.86242 /	/ -120.63275		Accuracy:	1/10 mile	
UTM:	Zone-10 N	4193191 E708240		Elevation (ft):	365	
PLSS:	T01S, R12	2E, Sec. 10, SE (M)		Acres:	0.0	
Location:	GOODWIN	N DAM, KNIGHTS FERRY.				
						METERS
Detailed Location:		OST IN AN ABANDONED MI REAM OF GOODWIN RESE		HE NORTH SLOPE OF THE RIV	VER CANTON, ABOUT 100 P	
Detailed Location: Ecological:	DOWNST HABITAT ( ROOST SI	REAM OF GOODWIN RESE CONSISTS OF STEEP-SIDE ITE IS AN OLD MINE SHAFT	RVOIR DAM. D SLOPES ADJ (2 METERS HIG	ACENT TO THE STANISLAUS F GH X 2.5 METERS WIDE X 50 M	RIVER BELOW GOODWIN RI	ESERVOIR.
	DOWNSTF HABITAT ( ROOST SI BY 20-FT MVZ SPE(	REAM OF GOODWIN RESE CONSISTS OF STEEP-SIDE ITE IS AN OLD MINE SHAFT HIGH DECIDUOUS SHRUBS	RVOIR DAM. ED SLOPES ADJ. C (2 METERS HIC S. D ON 14 NOV 15	ACENT TO THE STANISLAUS F GH X 2.5 METERS WIDE X 50 M 948. 30-40 INDIVIDUALS OBSEF	RIVER BELOW GOODWIN RI IETERS DEEP). ENTRANCE	ESERVOIR. IS OBSCURE
Ecological:	DOWNSTF HABITAT ( ROOST SI BY 20-FT MVZ SPE(	REAM OF GOODWIN RESE CONSISTS OF STEEP-SIDE ITE IS AN OLD MINE SHAFT HIGH DECIDUOUS SHRUBS CIMEN #112333 COLLECTE L NUMBER OF YUMA MYOT	RVOIR DAM. ED SLOPES ADJ. C (2 METERS HIC S. D ON 14 NOV 15	ACENT TO THE STANISLAUS F GH X 2.5 METERS WIDE X 50 M 948. 30-40 INDIVIDUALS OBSEF	RIVER BELOW GOODWIN RI IETERS DEEP). ENTRANCE	ESERVOIR. IS OBSCURE
Ecological: General:	DOWNSTF HABITAT ( ROOST SI BY 20-FT MVZ SPEC AN EQUAI	REAM OF GOODWIN RESE CONSISTS OF STEEP-SIDE ITE IS AN OLD MINE SHAFT HIGH DECIDUOUS SHRUBS CIMEN #112333 COLLECTE L NUMBER OF YUMA MYOT	RVOIR DAM. ED SLOPES ADJ. C (2 METERS HIC S. D ON 14 NOV 15	ACENT TO THE STANISLAUS F GH X 2.5 METERS WIDE X 50 M 948. 30-40 INDIVIDUALS OBSEF	RIVER BELOW GOODWIN RI IETERS DEEP). ENTRANCE	ESERVOIR. IS OBSCUREI
Ecological: General: Owner/Manager:	DOWNSTF HABITAT ( ROOST SI BY 20-FT MVZ SPEC AN EQUAI UNKNOW	REAM OF GOODWIN RESE CONSISTS OF STEEP-SIDE ITE IS AN OLD MINE SHAFT HIGH DECIDUOUS SHRUBS CIMEN #112333 COLLECTE L NUMBER OF YUMA MYOT N	RVOIR DAM. ED SLOPES ADJ. (2 METERS HIC S. D ON 14 NOV 19 FIS ALSO PRESI	ACENT TO THE STANISLAUS F GH X 2.5 METERS WIDE X 50 M 948. 30-40 INDIVIDUALS OBSEF ENT.	RIVER BELOW GOODWIN RI IETERS DEEP). ENTRANCE RVED USING THE MINE ON	ESERVOIR. IS OBSCUREI 12 AUG 2001;
Ecological: General: Owner/Manager: Occurrence No.	DOWNSTF HABITAT ( ROOST SI BY 20-FT   MVZ SPEC AN EQUAI UNKNOW	REAM OF GOODWIN RESE CONSISTS OF STEEP-SIDE ITE IS AN OLD MINE SHAFT HIGH DECIDUOUS SHRUBS CIMEN #112333 COLLECTE L NUMBER OF YUMA MYOT N	RVOIR DAM. D SLOPES ADJ (2 METERS HIG S. D ON 14 NOV 19 TIS ALSO PRESI EO Index:	ACENT TO THE STANISLAUS F GH X 2.5 METERS WIDE X 50 M 948. 30-40 INDIVIDUALS OBSEF ENT. 69346	RIVER BELOW GOODWIN RI IETERS DEEP). ENTRANCE RVED USING THE MINE ON Element Last Seen:	ESERVOIR. IS OBSCURE 12 AUG 2001; 1999-08-15
Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	DOWNSTF HABITAT ( ROOST SI BY 20-FT MVZ SPEC AN EQUAL UNKNOW 202 Unknown Natural/Na	REAM OF GOODWIN RESE CONSISTS OF STEEP-SIDE ITE IS AN OLD MINE SHAFT HIGH DECIDUOUS SHRUBS CIMEN #112333 COLLECTE L NUMBER OF YUMA MYOT N Map Index: 69001	RVOIR DAM. ED SLOPES ADJ. (2 METERS HIG S. D ON 14 NOV 19 FIS ALSO PRESI EO Index: Presence:	ACENT TO THE STANISLAUS F GH X 2.5 METERS WIDE X 50 M 048. 30-40 INDIVIDUALS OBSEF ENT. 69346 Presumed Extant	RIVER BELOW GOODWIN RI IETERS DEEP). ENTRANCE RVED USING THE MINE ON Element Last Seen: Site Last Seen:	ESERVOIR. IS OBSCURE 12 AUG 2001; 1999-08-15 1999-08-15
Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	DOWNSTF HABITAT ( ROOST SI BY 20-FT MVZ SPEC AN EQUAL UNKNOW 202 Unknown Natural/Na	REAM OF GOODWIN RESE CONSISTS OF STEEP-SIDE ITE IS AN OLD MINE SHAFT HIGH DECIDUOUS SHRUBS CIMEN #112333 COLLECTE L NUMBER OF YUMA MYOT N Map Index: 69001 ative occurrence	RVOIR DAM. ED SLOPES ADJ. (2 METERS HIG S. D ON 14 NOV 19 FIS ALSO PRESI EO Index: Presence:	ACENT TO THE STANISLAUS F GH X 2.5 METERS WIDE X 50 M 048. 30-40 INDIVIDUALS OBSEF ENT. 69346 Presumed Extant	RIVER BELOW GOODWIN RI IETERS DEEP). ENTRANCE RVED USING THE MINE ON Element Last Seen: Site Last Seen:	ESERVOIR. IS OBSCURE 12 AUG 2001; 1999-08-15 1999-08-15
Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	DOWNSTF HABITAT ( ROOST SI BY 20-FT I MVZ SPEC AN EQUAI UNKNOWI 202 Unknown Natural/Na Knights Fe Stanislaus	REAM OF GOODWIN RESE CONSISTS OF STEEP-SIDE ITE IS AN OLD MINE SHAFT HIGH DECIDUOUS SHRUBS CIMEN #112333 COLLECTE L NUMBER OF YUMA MYOT N Map Index: 69001 ative occurrence	RVOIR DAM. ED SLOPES ADJ. (2 METERS HIG S. D ON 14 NOV 19 FIS ALSO PRESI EO Index: Presence:	ACENT TO THE STANISLAUS F GH X 2.5 METERS WIDE X 50 M 048. 30-40 INDIVIDUALS OBSEF ENT. 69346 Presumed Extant	RIVER BELOW GOODWIN RI IETERS DEEP). ENTRANCE RVED USING THE MINE ON Element Last Seen: Site Last Seen:	ESERVOIR. IS OBSCUREI 12 AUG 2001; 1999-08-15 1999-08-15
Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	DOWNSTF HABITAT ( ROOST SI BY 20-FT I MVZ SPEC AN EQUAL UNKNOWN 202 Unknown Natural/Na Knights Fe Stanislaus 37.81999 /	REAM OF GOODWIN RESE CONSISTS OF STEEP-SIDE ITE IS AN OLD MINE SHAFT HIGH DECIDUOUS SHRUBS CIMEN #112333 COLLECTE L NUMBER OF YUMA MYOT N Map Index: 69001 ative occurrence	RVOIR DAM. ED SLOPES ADJ. (2 METERS HIG S. D ON 14 NOV 19 FIS ALSO PRESI EO Index: Presence:	ACENT TO THE STANISLAUS F GH X 2.5 METERS WIDE X 50 M 048. 30-40 INDIVIDUALS OBSEF ENT. 69346 Presumed Extant Unknown	RIVER BELOW GOODWIN RI IETERS DEEP). ENTRANCE RVED USING THE MINE ON Element Last Seen: Site Last Seen: Record Last Updated:	ESERVOIR. IS OBSCURE 12 AUG 2001; 1999-08-15 1999-08-15
Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	DOWNSTF HABITAT ( ROOST SI BY 20-FT I MVZ SPEC AN EQUAL UNKNOWN 202 Unknown Natural/Na Knights Fe Stanislaus 37.81999 / Zone-10 N	REAM OF GOODWIN RESE CONSISTS OF STEEP-SIDE ITE IS AN OLD MINE SHAFT HIGH DECIDUOUS SHRUBS CIMEN #112333 COLLECTE L NUMBER OF YUMA MYOT N Map Index: 69001 Ative occurrence erry (3712076)	RVOIR DAM. ED SLOPES ADJ. (2 METERS HIG S. D ON 14 NOV 19 FIS ALSO PRESI EO Index: Presence:	ACENT TO THE STANISLAUS F GH X 2.5 METERS WIDE X 50 M 048. 30-40 INDIVIDUALS OBSEF ENT. 69346 Presumed Extant Unknown Accuracy:	RIVER BELOW GOODWIN RI IETERS DEEP). ENTRANCE RVED USING THE MINE ON Element Last Seen: Site Last Seen: Record Last Updated: 1/10 mile	ESERVOIR. IS OBSCURE 12 AUG 2001; 1999-08-15 1999-08-15
Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	DOWNSTF HABITAT ( ROOST SI BY 20-FT I MVZ SPEC AN EQUAL UNKNOWN 202 Unknown Natural/Na Knights Fe Stanislaus 37.81999 / Zone-10 N T01S, R12	REAM OF GOODWIN RESE CONSISTS OF STEEP-SIDE ITE IS AN OLD MINE SHAFT HIGH DECIDUOUS SHRUBS CIMEN #112333 COLLECTE L NUMBER OF YUMA MYOT N Map Index: 69001 Ative occurrence erry (3712076)	RVOIR DAM. D SLOPES ADJ (2 METERS HK S. D ON 14 NOV 19 IS ALSO PRESI EO Index: Presence: Trend:	ACENT TO THE STANISLAUS F GH X 2.5 METERS WIDE X 50 M 248. 30-40 INDIVIDUALS OBSEF ENT. 69346 Presumed Extant Unknown Accuracy: Elevation (ft):	RIVER BELOW GOODWIN RI IETERS DEEP). ENTRANCE RVED USING THE MINE ON Element Last Seen: Site Last Seen: Record Last Updated: 1/10 mile 180	ESERVOIR. IS OBSCURE 12 AUG 2001; 1999-08-15 1999-08-15
Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	DOWNSTF HABITAT ( ROOST SI BY 20-FT I MVZ SPEC AN EQUAL UNKNOWN 202 Unknown Natural/Na Knights Fe Stanislaus 37.81999 / Zone-10 N T01S, R12 ABOUT 0.9	REAM OF GOODWIN RESE CONSISTS OF STEEP-SIDE ITE IS AN OLD MINE SHAFT HIGH DECIDUOUS SHRUBS CIMEN #112333 COLLECTE L NUMBER OF YUMA MYOT N Map Index: 69001 Ative occurrence Prry (3712076) 7 -120.66170 A1188419 E705811 SE, Sec. 28, NW (M) 5 MILE EAST OF KNIGHTS	RVOIR DAM. D SLOPES ADJ (2 METERS HIG D ON 14 NOV 19 TIS ALSO PRESI EO Index: Presence: Trend: FERRY. COORDINATES	ACENT TO THE STANISLAUS F GH X 2.5 METERS WIDE X 50 M 248. 30-40 INDIVIDUALS OBSEF ENT. 69346 Presumed Extant Unknown Accuracy: Elevation (ft):	RIVER BELOW GOODWIN RI IETERS DEEP). ENTRANCE RVED USING THE MINE ON Element Last Seen: Site Last Seen: Record Last Updated: 1/10 mile 180 0.0	ESERVOIR. IS OBSCURE 12 AUG 2001; 1999-08-15 1999-08-15 2007-04-19
Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	DOWNSTF HABITAT ( ROOST SI BY 20-FT I MVZ SPEC AN EQUAL UNKNOWN 202 Unknown Natural/Na Knights Fe Stanislaus 37.81999 / Zone-10 N T01S, R12 ABOUT 0.4 RIVER" AN	REAM OF GOODWIN RESE CONSISTS OF STEEP-SIDE ITE IS AN OLD MINE SHAFT HIGH DECIDUOUS SHRUBS CIMEN #112333 COLLECTE L NUMBER OF YUMA MYOT N Map Index: 69001 Ative occurrence Prry (3712076) 7 -120.66170 A1188419 E705811 PE, Sec. 28, NW (M) 5 MILE EAST OF KNIGHTS ACCORDING TO LAT/LONG ND "HC PLATFORM, RIVER	RVOIR DAM. D SLOPES ADJ (2 METERS HIG S. D ON 14 NOV 19 TIS ALSO PRESI EO Index: Presence: Trend: FERRY. 5 COORDINATES EDGE."	ACENT TO THE STANISLAUS F GH X 2.5 METERS WIDE X 50 M 048. 30-40 INDIVIDUALS OBSEF ENT. 69346 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	RIVER BELOW GOODWIN RI IETERS DEEP). ENTRANCE RVED USING THE MINE ON Element Last Seen: Site Last Seen: Record Last Updated: 1/10 mile 180 0.0	ESERVOIR. IS OBSCURE 12 AUG 2001; 1999-08-15 1999-08-15 2007-04-19 TS FERRY
Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	DOWNSTF HABITAT ( ROOST SI BY 20-FT I MVZ SPEC AN EQUAL UNKNOWN 202 Unknown Natural/Na Knights Fe Stanislaus 37.81999 / Zone-10 N T01S, R12 ABOUT 0.4 MAPPED / RIVER" AN COTTONV	REAM OF GOODWIN RESE CONSISTS OF STEEP-SIDE ITE IS AN OLD MINE SHAFT HIGH DECIDUOUS SHRUBS CIMEN #112333 COLLECTE L NUMBER OF YUMA MYOT N Map Index: 69001 Ative occurrence Prry (3712076) 7 -120.66170 A1188419 E705811 PE, Sec. 28, NW (M) 5 MILE EAST OF KNIGHTS ACCORDING TO LAT/LONG ND "HC PLATFORM, RIVER	RVOIR DAM. D SLOPES ADJ. (2 METERS HIG S. D ON 14 NOV 18 IIS ALSO PRESI EO Index: Presence: Trend: FERRY. 5 COORDINATES EDGE." ATED BY MATU	ACENT TO THE STANISLAUS F GH X 2.5 METERS WIDE X 50 M 948. 30-40 INDIVIDUALS OBSEF ENT. 69346 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: S PROVIDED BY SOURCE. INCL RE TREES. CONSISTS OF A ST	RIVER BELOW GOODWIN RI IETERS DEEP). ENTRANCE RVED USING THE MINE ON Element Last Seen: Site Last Seen: Record Last Updated: 1/10 mile 180 0.0	ESERVOIR. IS OBSCURE 12 AUG 2001; 1999-08-15 1999-08-15 2007-04-19 TS FERRY
Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological:	DOWNSTF HABITAT ( ROOST SI BY 20-FT I MVZ SPEC AN EQUAL UNKNOWN 202 Unknown Natural/Na Knights Fe Stanislaus 37.81999 / Zone-10 N T01S, R12 ABOUT 0.4 MAPPED / RIVER" AN COTTONV	REAM OF GOODWIN RESE CONSISTS OF STEEP-SIDE ITE IS AN OLD MINE SHAFT HIGH DECIDUOUS SHRUBS CIMEN #112333 COLLECTE L NUMBER OF YUMA MYOT N Map Index: 69001 Ative occurrence Prry (3712076) 7 -120.66170 At188419 E705811 SE, Sec. 28, NW (M) 5 MILE EAST OF KNIGHTS ACCORDING TO LAT/LONG ND "HC PLATFORM, RIVER WOOD/SYCAMORE. DOMIN AL(S) DETECTED ACOUSTI	RVOIR DAM. D SLOPES ADJ. (2 METERS HIG S. D ON 14 NOV 18 IIS ALSO PRESI EO Index: Presence: Trend: FERRY. 5 COORDINATES EDGE." ATED BY MATU	ACENT TO THE STANISLAUS F GH X 2.5 METERS WIDE X 50 M 948. 30-40 INDIVIDUALS OBSEF ENT. 69346 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: S PROVIDED BY SOURCE. INCL RE TREES. CONSISTS OF A ST	RIVER BELOW GOODWIN RI IETERS DEEP). ENTRANCE RVED USING THE MINE ON Element Last Seen: Site Last Seen: Record Last Updated: 1/10 mile 180 0.0	ESERVOIR. IS OBSCURE 12 AUG 2001; 1999-08-15 1999-08-15 2007-04-19 TS FERRY

State: S3

Other: BLM\_S-Sensitive, CDFW\_SSC-Species of Special Concern, IUCN\_LC-Least Concern, USFS\_S-Sensitive

Habitat: General:

State:

Commercial Version -- Dated November, 1 2024 -- Biogeographic Data Branch Report Printed on Monday, November 18, 2024

None



### California Department of Fish and Wildlife



		DESERTS, GRASSLANDS, HABITATS WITH ROCKY A			DS AND FORESTS	B. MOST COMMON IN OPEN,	DRY
	Micro:	ROOSTS MUST PROTECT ROOSTING SITES.	BATS FROM H	IIGH TEMPER	ATURES. VERY S	ENSITIVE TO DISTURBANC	E OF
Occurrence No.	64	Map Index: 46016	EO Index:	46016		Element Last Seen:	2001-08-07
Occ. Rank:	Good		Presence:	Presumed E	Extant	Site Last Seen:	2001-08-07
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown		Record Last Updated:	2001-10-02
Quad Summary:	New Melo	nes Dam (3712085)					
County Summary:	Calaveras	i					
Lat/Long:	37.87785	/ -120.60688			Accuracy:	80 meters	
UTM:	Zone-10 N	4194962 E710472			Elevation (ft):	500	
PLSS:	T01S, R12	2E, Sec. 01 (M)			Acres:	0.0	
Location:	NORTH E	ND OF TULLOCH RESERVO	IR DAM.				
Detailed Location:		CLIFF FORMATIONS SURRO MILE OF THE TRAPPING SIT		NISLAUS RIVE	ER CANYON IN TH	IIS AREA; CLIFFS ARE FOUI	ND WITHIN
Ecological:		SURROUNDING THE RESER RLY ASPECT, WITH A SLOPE			AVANNAH, WITH	NUMEROUS OAK SNAGS. S	ITE HAS A
General:	1 ADULT	TRAPPED ON 7 AUG 2001.					
Owner/Manager:	TRI-DAM						
Occurrence No.	133	Map Index: 66479	EO Index:	66590		Element Last Seen:	1895-06-12
Occ. Rank:	Unknown		Presence:	Presumed E	Extant	Site Last Seen:	1895-06-12
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown		Record Last Updated:	2006-09-29
Quad Summary:	Angels Ca	ımp (3812015)					
County Summary:	Calaveras	;					
Lat/Long:	38.07201	/ -120.54294			Accuracy:	1 mile	
UTM:	Zone-10 N	4216655 E715527			Elevation (ft):	1440	
PLSS:	T03N, R13	3E, Sec. 33 (M)			Acres:	0.0	
Location:							
	ANGELS	CAMP.					
Detailed Location:		CAMP. ACCORDING TO LAT/LONG	COORDINATES	6 GIVEN BY M	IANIS, WITH UNC	ERTAINTY OF 2143.6462 M.	
Detailed Location: Ecological:		-	COORDINATES	S GIVEN BY M	IANIS, WITH UNC	ERTAINTY OF 2143.6462 M.	
	MAPPED	-				ERTAINTY OF 2143.6462 M.	



California Department of Fish and Wildlife

### California Natural Diversity Database



Occurrence No.	361	Map Index: 68815	EO Index:	69337	Element Last Seen:	1999-08-15
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1999-08-15
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown	Record Last Updated:	2007-04-04
Quad Summary:	Knights Ferry	r (3712076)				
County Summary:	Stanislaus					
Lat/Long:	37.81431 / -1	20.72429		Accuracy:	non-specific area	
UTM:		87653 E700317		Elevation (ft):	164	
PLSS:	T01S, R11E,	Sec. 26 (M)		Acres:	152.0	
Location:		LES WSW OF KNIGHTS F				
Detailed Location:				OCALITY ONLY AS "HORSESH		2F
		E RD NEAR HWY 120 WA				(L
Ecological:						
General:	INDIVIDUAL(	(S) DETECTED ACOUSTIC	CALLY ON 15 A	JG 1999.		
Owner/Manager:	UNKNOWN					
Occurrence No.	362	Map Index: 66400	EO Index:	69344	Element Last Seen:	1999-09-16
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1999-09-16
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown	Record Last Updated:	2007-04-19
Quad Summary:	Knights Ferry	(3712076)				
County Summary:	Stanislaus					
Lat/Long:	37.81974 / -1	20 67173		Accuracy:	1/10 mile	
UTM:	Zone-10 N41			Elevation (ft):	130	
<b>O</b> 1 M.						
PLSS:	T01S, R12E,	Sec. 29 (M)		Acres:	0.0	
PLSS: Location:	T01S, R12E, KNIGHTS FE	Sec. 29 (M) RRY. CORDING TO LAT/LONG	COORDINATES		0.0	GHTS FERRY
PLSS: Location: Detailed Location:	T01S, R12E, KNIGHTS FE MAPPED AC	Sec. 29 (M) RRY. CORDING TO LAT/LONG	COORDINATES	Acres:	0.0	GHTS FERRY
PLSS: Location: Detailed Location: Ecological:	T01S, R12E, KNIGHTS FE MAPPED AC "COTTONWO	Sec. 29 (M) RRY. CORDING TO LAT/LONG DODS."		Acres:	0.0 NCLUDES LOCALITIES KNIG	GHTS FERRY
PLSS: Location: Detailed Location: Ecological: General:	T01S, R12E, KNIGHTS FE MAPPED AC "COTTONWO	Sec. 29 (M) RRY. CORDING TO LAT/LONG DODS."		Acres:	0.0 NCLUDES LOCALITIES KNIG	GHTS FERRY
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager:	T01S, R12E, KNIGHTS FE MAPPED AC "COTTONWO INDIVIDUAL( UNKNOWN	Sec. 29 (M) RRY. CORDING TO LAT/LONG DODS." S) DETECTED ACOUSTIC	CALLY ON 3 JUI	Acres:	0.0 NCLUDES LOCALITIES KNIG S SEP 1999.	
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No.	T01S, R12E, KNIGHTS FE MAPPED AC "COTTONWO INDIVIDUAL( UNKNOWN 389	Sec. 29 (M) RRY. CORDING TO LAT/LONG DODS."	CALLY ON 3 JUI	Acres: 6 PROVIDED BY PIE04R0001; IN - 1998, 17 JUN, 15 AUG AND 16 69723	0.0 NCLUDES LOCALITIES KNIG S SEP 1999. Element Last Seen:	1999-09-16
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	T01S, R12E, KNIGHTS FE MAPPED AC "COTTONWO INDIVIDUAL( UNKNOWN 389 Unknown	Sec. 29 (M) RRY. CORDING TO LAT/LONG DODS." S) DETECTED ACOUSTIC Map Index: 69001	CALLY ON 3 JUI EO Index: Presence:	Acres: S PROVIDED BY PIE04R0001; IN - 1998, 17 JUN, 15 AUG AND 16 69723 Presumed Extant	0.0 NCLUDES LOCALITIES KNIG S SEP 1999. Element Last Seen: Site Last Seen:	1999-09-16 1999-09-16
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	T01S, R12E, KNIGHTS FE MAPPED AC "COTTONWO INDIVIDUAL( UNKNOWN 389 Unknown Natural/Nativ	Sec. 29 (M) RRY. CORDING TO LAT/LONG DODS." (S) DETECTED ACOUSTIC Map Index: 69001 e occurrence	CALLY ON 3 JUI	Acres: 6 PROVIDED BY PIE04R0001; IN - 1998, 17 JUN, 15 AUG AND 16 69723	0.0 NCLUDES LOCALITIES KNIG S SEP 1999. Element Last Seen:	1999-09-16 1999-09-16
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	T01S, R12E, KNIGHTS FE MAPPED AC "COTTONWO INDIVIDUAL( UNKNOWN 389 Unknown Natural/Nativ Knights Ferry	Sec. 29 (M) RRY. CORDING TO LAT/LONG DODS." (S) DETECTED ACOUSTIC Map Index: 69001 e occurrence	CALLY ON 3 JUI EO Index: Presence:	Acres: S PROVIDED BY PIE04R0001; IN - 1998, 17 JUN, 15 AUG AND 16 69723 Presumed Extant	0.0 NCLUDES LOCALITIES KNIG S SEP 1999. Element Last Seen: Site Last Seen:	1999-09-16 1999-09-16
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	T01S, R12E, KNIGHTS FE MAPPED AC "COTTONWO INDIVIDUAL( UNKNOWN 389 Unknown Natural/Nativ	Sec. 29 (M) RRY. CORDING TO LAT/LONG DODS." (S) DETECTED ACOUSTIC Map Index: 69001 e occurrence	CALLY ON 3 JUI EO Index: Presence:	Acres: S PROVIDED BY PIE04R0001; IN - 1998, 17 JUN, 15 AUG AND 16 69723 Presumed Extant	0.0 NCLUDES LOCALITIES KNIG S SEP 1999. Element Last Seen: Site Last Seen:	1999-09-16 1999-09-16
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	T01S, R12E, KNIGHTS FE MAPPED AC "COTTONWO INDIVIDUAL( UNKNOWN 389 Unknown Natural/Nativ Knights Ferry	Sec. 29 (M) RRY. CORDING TO LAT/LONG DODS." (S) DETECTED ACOUSTIC Map Index: 69001 e occurrence	CALLY ON 3 JUI EO Index: Presence:	Acres: S PROVIDED BY PIE04R0001; IN - 1998, 17 JUN, 15 AUG AND 16 69723 Presumed Extant	0.0 NCLUDES LOCALITIES KNIG S SEP 1999. Element Last Seen: Site Last Seen:	1999-09-16 1999-09-16
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	T01S, R12E, KNIGHTS FE MAPPED AC "COTTONWO INDIVIDUAL( UNKNOWN 389 Unknown Natural/Nativ Stanislaus 37.81999 / -1	Sec. 29 (M) RRY. CORDING TO LAT/LONG DODS." (S) DETECTED ACOUSTIC Map Index: 69001 e occurrence	CALLY ON 3 JUI EO Index: Presence:	Acres: S PROVIDED BY PIE04R0001; IN - 1998, 17 JUN, 15 AUG AND 16 69723 Presumed Extant Unknown	0.0 NCLUDES LOCALITIES KNIG S SEP 1999. Element Last Seen: Site Last Seen: Record Last Updated:	1999-09-16 1999-09-16
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	T01S, R12E, KNIGHTS FE MAPPED AC "COTTONWO INDIVIDUAL( UNKNOWN 389 Unknown Natural/Native Knights Ferry Stanislaus 37.81999 / -1 Zone-10 N41	Sec. 29 (M) RRY. CORDING TO LAT/LONG DODS." (S) DETECTED ACOUSTIC Map Index: 69001 e occurrence (3712076) 20.66170	CALLY ON 3 JUI EO Index: Presence:	Acres: S PROVIDED BY PIE04R0001; IN 1998, 17 JUN, 15 AUG AND 16 69723 Presumed Extant Unknown Accuracy:	0.0 NCLUDES LOCALITIES KNIG S SEP 1999. Element Last Seen: Site Last Seen: Record Last Updated: 1/10 mile	1999-09-16 1999-09-16
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	T01S, R12E, KNIGHTS FE MAPPED AC "COTTONWO INDIVIDUAL( UNKNOWN 389 Unknown Natural/Nativ Stanislaus 37.81999 / -1 Zone-10 N41 T01S, R12E,	Sec. 29 (M) RRY. CORDING TO LAT/LONG DODS." (S) DETECTED ACOUSTIC Map Index: 69001 e occurrence (3712076) 20.66170 88419 E705811	EO Index: Presence: Trend:	Acres: S PROVIDED BY PIE04R0001; IN - 1998, 17 JUN, 15 AUG AND 16 69723 Presumed Extant Unknown Accuracy: Elevation (ft):	0.0 NCLUDES LOCALITIES KNIG S SEP 1999. Element Last Seen: Site Last Seen: Record Last Updated: 1/10 mile 180	1999-09-16 1999-09-16
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	T01S, R12E, KNIGHTS FE MAPPED AC "COTTONWO INDIVIDUAL( UNKNOWN 389 Unknown Natural/Native Knights Ferry Stanislaus 37.81999 / -1 Zone-10 N41 T01S, R12E, ABOUT 0.5 M	Sec. 29 (M) RRY. CORDING TO LAT/LONG DODS." (S) DETECTED ACOUSTIC Map Index: 69001 e occurrence (3712076) 20.66170 88419 E705811 Sec. 28, NW (M) //ILE EAST OF KNIGHTS F CORDING TO LAT/LONG	EO Index: Presence: Trend: ERRY. COORDINATES	Acres: S PROVIDED BY PIE04R0001; IN - 1998, 17 JUN, 15 AUG AND 16 69723 Presumed Extant Unknown Accuracy: Elevation (ft):	0.0 NCLUDES LOCALITIES KNIG S SEP 1999. Element Last Seen: Site Last Seen: Record Last Updated: 1/10 mile 180 0.0	1999-09-16 1999-09-16 2007-04-23
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	T01S, R12E, KNIGHTS FE MAPPED AC "COTTONWO INDIVIDUAL( UNKNOWN 389 Unknown Natural/Native Knights Ferry Stanislaus 37.81999 / -1 Zone-10 N41 T01S, R12E, ABOUT 0.5 M MAPPED AC PLATFORM,	Sec. 29 (M) RRY. CORDING TO LAT/LONG DODS." (S) DETECTED ACOUSTIC Map Index: 69001 e occurrence 7 (3712076) 20.66170 88419 E705811 Sec. 28, NW (M) MILE EAST OF KNIGHTS F CORDING TO LAT/LONG RIVER EDGE," "PICNIC A	EO Index: Presence: Trend: FERRY. COORDINATES REA."	Acres: S PROVIDED BY PIE04R0001; IN - 1998, 17 JUN, 15 AUG AND 16 69723 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	0.0 NCLUDES LOCALITIES KNIG S SEP 1999. Element Last Seen: Site Last Seen: Record Last Updated: 1/10 mile 180 0.0 NCLUDES "FLOODPLAIN," "H	1999-09-16 1999-09-16 2007-04-23
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	T01S, R12E, KNIGHTS FE MAPPED AC "COTTONWO INDIVIDUAL( UNKNOWN 389 Unknown Natural/Nativ Knights Ferry Stanislaus 37.81999 / -1 Zone-10 N41 T01S, R12E, ABOUT 0.5 M MAPPED AC PLATFORM, COTTONWO	Sec. 29 (M) RRY. CORDING TO LAT/LONG DODS." (S) DETECTED ACOUSTIC Map Index: 69001 e occurrence (3712076) 20.66170 88419 E705811 Sec. 28, NW (M) MILE EAST OF KNIGHTS F CORDING TO LAT/LONG RIVER EDGE," "PICNIC A POD/SYCAMORE. DOMIN/	EO Index: Presence: Trend: FERRY. COORDINATES REA."	Acres: S PROVIDED BY PIE04R0001; IN - 1998, 17 JUN, 15 AUG AND 16 69723 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: S PROVIDED BY PIE04R0001. IN	0.0 NCLUDES LOCALITIES KNIG S SEP 1999. Element Last Seen: Site Last Seen: Record Last Updated: 1/10 mile 180 0.0 NCLUDES "FLOODPLAIN," "H	1999-09-16 1999-09-16 2007-04-23

Commercial Version -- Dated November, 1 2024 -- Biogeographic Data Branch Report Printed on Monday, November 18, 2024





Eumops peroti western mastiff b		cus			Elemer	nt Code: AMA	CD02011
Listing Status:	Federal:	None		CNDDB Element I	Ranks: Global:	G4G5T4	
	State:	None			State:	S3S4	
	Other:	BLM_S-Sensitive, CDFW_S	SSC-Species of S	Special Concern			
Habitat:	General:			ATS, INCLUDING CONIFER	AND DECIDUOUS	S WOODLAND	S, COASTAL
		SCRUB, GRASSLANDS, C	-				
	Micro:	ROOSTS IN CREVICES IN	CLIFF FACES,	HIGH BUILDINGS, TREES A	AND TUNNELS.		
Occurrence No.	18	Map Index: 31659	EO Index:	2316	Element	Last Seen:	1995-02-24
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last	Seen:	1995-02-24
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record L	ast Updated:	2006-09-27
Quad Summary:	Keystone	(3712075), Knights Ferry (37	12076)				
County Summary:	Calaveras	, Tuolumne					
Lat/Long:	37.86230	/ -120.62991		Accuracy:	non-specific	: area	
UTM:	Zone-10 N	l4193184 E708490		Elevation (ff	<b>t):</b> 600		
PLSS:	T01S, R12	2E, Sec. 10, E (M)		Acres:	107.0		
Location:	VICINITY	OF TABLE MOUNTAIN, BOT	H SIDES OF ST	ANISLAUS RIVER.			
Detailed Location:		) IN THE BASALT CLIFFS OV HE STANISLAUS RIVER IN T			IN DAM. MAPPED	AS THREE PC	LYGONS
Ecological:		SURROUNDING BASALT CL			ID AND ANNUAL (	GRASSLAND.	
General:		E INDIVIDUALS DETECTED ALS UNKNOWN; PROBABLY				OF USE & NUN	IBERS OF
Owner/Manager:	PVT						
Occurrence No.	19	Map Index: 31658	EO Index:	22296	Element	Last Seen:	1995-03-01
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last	Seen:	1995-03-01
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record L	ast Updated:	2005-06-22
Quad Summary:	Sonora (37	712084), New Melones Dam	(3712085)				
County Summary:	Tuolumne						
Lat/Long:	37.87865	/ -120.50072		Accuracy:	1/5 mile		
UTM:	Zone-10 N	l4195296 E719808		Elevation (f	t <b>):</b> 1250		
PLSS:	T01S, R13	8E, Sec. 02, SE (M)		Acres:	0.0		
Location:	1 MILE SV	V OF YOSEMITE JUNCTION	, SOUTH OF HW	/Y 120, ABOUT 4 MILES SO	UTH OF NEW ME	LONES LAKE.	
Detailed Location:	LOCATED	ON THE WEST ASPECT O	F TABLE MOUN	TAIN, SOUTH OF HWY 120/	108.		
Ecological:	HABITAT	CONSISTS OF THE BASALT	CLIFFS OF TAE	BLE MOUNTAIN; BLUE OAK	WOODLAND FOU	JND BELOW.	
General:		GH USED BY A NUMBER OF SERVAL ADULTS OBSERVE			S IS APPARENTL	Y NOT A MATE	RNITY
Owner/Manager:	PVT						



California Department of Fish and Wildlife



Occurrence No.	22	Map Index: 33335	EO Index:	14554	Element Last Seen:	1995-04-04
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1995-04-04
Осс. Туре:	Natural/Nativ	/e occurrence	Trend:	Unknown	Record Last Updated:	1996-02-16
Quad Summary:	New Melone	s Dam (3712085)				
County Summary:	Tuolumne					
Lat/Long:	37.90878 / -1	120.56047		Accuracy:	80 meters	
UTM:	Zone-10 N41	198500 E714465		Elevation (ft):	1000	
PLSS:	T01N, R13E	, Sec. 28, SW (M)		Acres:	0.0	
Location:	"IF I CAN" M	IINE, AT "JAILHOUSE ROO	K," NE OF TUL	_OCH RESERVOIR, JUST EAS	T OF THE STANISLAUS RIVE	R.
Detailed Location:						
Ecological:	HABITAT CO RESERVOIR		CLIFFS OF TA	BLE MOUNTAIN, OVER BLUE	OAK WOODLAND, NEAR TUL	LOCH
General:	8 INDIVIDUA	ALS OBSERVED ROOSTIN	IG ON 4 APRIL	1995.		
Owner/Manager:	PVT					
Occurrence No.	90	Map Index: 66329	EO Index:	66423	Element Last Seen:	1957-12-27
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1957-12-27
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2006-09-21
Quad Summary:	Oakdale (37	12077), Escalon (3712078)				
County Summary:	Stanislaus	,, , , ,				
	37 79802 / -1	120 86587			3/5 mile	
-	37.79802 / -1 Zone-10 N41			Accuracy: Elevation (ft):	3/5 mile	
UTM:	Zone-10 N41	185550 E687893		Elevation (ft):		
UTM: PLSS:	Zone-10 N41 T02S, R10E,	185550 E687893 , Sec. 03 (M)		-	3/5 mile 0.0	
UTM: PLSS: Location:	Zone-10 N41 T02S, R10E, 2 MILES NO	185550 E687893 , Sec. 03 (M) RTH OF OAKDALE.		Elevation (ft): Acres:	0.0	
UTM: PLSS: Location: Detailed Location:	Zone-10 N41 T02S, R10E, 2 MILES NO	185550 E687893 , Sec. 03 (M) RTH OF OAKDALE.	COORDINATES	Elevation (ft):	0.0	
UTM: PLSS: Location: Detailed Location: Ecological:	Zone-10 N41 T02S, R10E, 2 MILES NO MAPPED AC	185550 E687893 , Sec. 03 (M) RTH OF OAKDALE. CCORDING TO LAT/LONG		Elevation (ft): Acres:	0.0 ERTAINTY 804.672 M.	
UTM: PLSS: Location: Detailed Location: Ecological: General:	Zone-10 N41 T02S, R10E, 2 MILES NO MAPPED AC	185550 E687893 , Sec. 03 (M) RTH OF OAKDALE. CCORDING TO LAT/LONG		Elevation (ft): Acres:	0.0 ERTAINTY 804.672 M.	
UTM: PLSS: Location: Detailed Location: Ecological: General:	Zone-10 N41 T02S, R10E, 2 MILES NO MAPPED AC	185550 E687893 , Sec. 03 (M) RTH OF OAKDALE. CCORDING TO LAT/LONG		Elevation (ft): Acres:	0.0 ERTAINTY 804.672 M.	
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager:	Zone-10 N41 T02S, R10E, 2 MILES NO MAPPED AC	185550 E687893 , Sec. 03 (M) RTH OF OAKDALE. CCORDING TO LAT/LONG		Elevation (ft): Acres:	0.0 ERTAINTY 804.672 M.	1994-11-20
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No.	Zone-10 N41 T02S, R10E, 2 MILES NO MAPPED AC 1 FEMALE C UNKNOWN	185550 E687893 , Sec. 03 (M) RTH OF OAKDALE. CCORDING TO LAT/LONG COLLECTED BY B. NEAL A	ND R. GARRET	Elevation (ft): Acres: S GIVEN IN MANIS, WITH UNC SON ON 27 DEC 1957, MVZ #	0.0 ERTAINTY 804.672 M. 183488.	1994-11-20 1994-11-20
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	Zone-10 N41 T02S, R10E, 2 MILES NO MAPPED AC 1 FEMALE C UNKNOWN 96 Unknown	185550 E687893 , Sec. 03 (M) RTH OF OAKDALE. CCORDING TO LAT/LONG COLLECTED BY B. NEAL A	ND R. GARRET	Elevation (ft): Acres: GIVEN IN MANIS, WITH UNC SON ON 27 DEC 1957, MVZ # 66440	0.0 ERTAINTY 804.672 M. 183488. Element Last Seen:	
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	Zone-10 N41 T02S, R10E, 2 MILES NO MAPPED AC 1 FEMALE C UNKNOWN 96 Unknown Natural/Nativ	185550 E687893 , Sec. 03 (M) RTH OF OAKDALE. CCORDING TO LAT/LONG COLLECTED BY B. NEAL A Map Index: 66343	ND R. GARRET EO Index: Presence:	Elevation (ft): Acres: S GIVEN IN MANIS, WITH UNC SON ON 27 DEC 1957, MVZ # 66440 Presumed Extant	0.0 ERTAINTY 804.672 M. 183488. Element Last Seen: Site Last Seen:	1994-11-20
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	Zone-10 N41 T02S, R10E, 2 MILES NO MAPPED AC 1 FEMALE C UNKNOWN 96 Unknown Natural/Nativ	185550 E687893 , Sec. 03 (M) RTH OF OAKDALE. CCORDING TO LAT/LONG COLLECTED BY B. NEAL A Map Index: 66343 /e occurrence	ND R. GARRET EO Index: Presence:	Elevation (ft): Acres: S GIVEN IN MANIS, WITH UNC SON ON 27 DEC 1957, MVZ # 66440 Presumed Extant	0.0 ERTAINTY 804.672 M. 183488. Element Last Seen: Site Last Seen:	1994-11-20
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	Zone-10 N41 T02S, R10E, 2 MILES NO MAPPED AC 1 FEMALE C UNKNOWN 96 Unknown Natural/Nativ	185550 E687893 , Sec. 03 (M) RTH OF OAKDALE. CORDING TO LAT/LONG COLLECTED BY B. NEAL A Map Index: 66343 /e occurrence s Dam (3712085)	ND R. GARRET EO Index: Presence:	Elevation (ft): Acres: S GIVEN IN MANIS, WITH UNC SON ON 27 DEC 1957, MVZ # 66440 Presumed Extant Unknown	0.0 ERTAINTY 804.672 M. 183488. Element Last Seen: Site Last Seen:	1994-11-20
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Zone-10 N41 T02S, R10E, 2 MILES NO MAPPED AC 1 FEMALE C UNKNOWN 96 Unknown Natural/Nativ New Melone Tuolumne 37.88257 / -1	185550 E687893 , Sec. 03 (M) RTH OF OAKDALE. CORDING TO LAT/LONG COLLECTED BY B. NEAL A Map Index: 66343 /e occurrence s Dam (3712085)	ND R. GARRET EO Index: Presence:	Elevation (ft): Acres: S GIVEN IN MANIS, WITH UNC SON ON 27 DEC 1957, MVZ # 66440 Presumed Extant Unknown Accuracy:	0.0 ERTAINTY 804.672 M. 183488. Element Last Seen: Site Last Seen: Record Last Updated:	1994-11-20
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Zone-10 N41 T02S, R10E, 2 MILES NO MAPPED AC 1 FEMALE C UNKNOWN 96 Unknown Natural/Nativ New Melone Tuolumne 37.88257 / -1 Zone-10 N41	185550 E687893 , Sec. 03 (M) RTH OF OAKDALE. CORDING TO LAT/LONG COLLECTED BY B. NEAL A Map Index: 66343 /e occurrence s Dam (3712085)	ND R. GARRET EO Index: Presence:	Elevation (ft): Acres: S GIVEN IN MANIS, WITH UNC SON ON 27 DEC 1957, MVZ # 66440 Presumed Extant Unknown	0.0 ERTAINTY 804.672 M. 183488. Element Last Seen: Site Last Seen: Record Last Updated: 1/10 mile	1994-11-20
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Zone-10 N41 T02S, R10E, 2 MILES NO MAPPED AC 1 FEMALE C UNKNOWN 96 Unknown Natural/Nativ New Melone Tuolumne 37.88257 / -1 Zone-10 N41 T01S, R13E,	185550 E687893 , Sec. 03 (M) RTH OF OAKDALE. CORDING TO LAT/LONG COLLECTED BY B. NEAL A Map Index: 66343 /e occurrence s Dam (3712085) 120.56277 195586 E714338 , Sec. 05, NE (M)	ND R. GARRET EO Index: Presence:	Elevation (ft): Acres: S GIVEN IN MANIS, WITH UNC SON ON 27 DEC 1957, MVZ # 66440 Presumed Extant Unknown Accuracy: Elevation (ft):	0.0 ERTAINTY 804.672 M. 183488. Element Last Seen: Site Last Seen: Record Last Updated: 1/10 mile 900	1994-11-20
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Zone-10 N41 T02S, R10E, 2 MILES NO MAPPED AC 1 FEMALE C UNKNOWN 96 Unknown Natural/Nativ New Melone Tuolumne 37.88257 / -1 Zone-10 N41 T01S, R13E, TULLOCH L	185550 E687893 , Sec. 03 (M) RTH OF OAKDALE. CORDING TO LAT/LONG COLLECTED BY B. NEAL A Map Index: 66343 /e occurrence s Dam (3712085) 120.56277 195586 E714338 , Sec. 05, NE (M) AKE, TABLE MT.	ND R. GARRET EO Index: Presence: Trend:	Elevation (ft): Acres: S GIVEN IN MANIS, WITH UNC SON ON 27 DEC 1957, MVZ # 66440 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	0.0 ERTAINTY 804.672 M. 183488. Element Last Seen: Site Last Seen: Record Last Updated: 1/10 mile 900	1994-11-20
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Zone-10 N41 T02S, R10E, 2 MILES NO MAPPED AC 1 FEMALE C UNKNOWN 96 Unknown Natural/Nativ New Melone Tuolumne 37.88257 / -1 Zone-10 N41 T01S, R13E, TULLOCH L	185550 E687893 , Sec. 03 (M) RTH OF OAKDALE. CORDING TO LAT/LONG COLLECTED BY B. NEAL A Map Index: 66343 /e occurrence s Dam (3712085) 120.56277 195586 E714338 , Sec. 05, NE (M)	ND R. GARRET EO Index: Presence: Trend:	Elevation (ft): Acres: S GIVEN IN MANIS, WITH UNC SON ON 27 DEC 1957, MVZ # 66440 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	0.0 ERTAINTY 804.672 M. 183488. Element Last Seen: Site Last Seen: Record Last Updated: 1/10 mile 900	1994-11-20
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Zone-10 N41 T02S, R10E, 2 MILES NO MAPPED AC 1 FEMALE C UNKNOWN 96 Unknown Natural/Nativ New Melone Tuolumne 37.88257 / -1 Zone-10 N41 T01S, R13E, TULLOCH L MAPPED AC	185550 E687893 , Sec. 03 (M) RTH OF OAKDALE. CORDING TO LAT/LONG COLLECTED BY B. NEAL A Map Index: 66343 /e occurrence s Dam (3712085) 120.56277 195586 E714338 , Sec. 05, NE (M) AKE, TABLE MT.	ND R. GARRET EO Index: Presence: Trend:	Elevation (ft): Acres: S GIVEN IN MANIS, WITH UNC SON ON 27 DEC 1957, MVZ # 66440 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	0.0 ERTAINTY 804.672 M. 183488. Element Last Seen: Site Last Seen: Record Last Updated: 1/10 mile 900	1994-11-20



California Department of Fish and Wildlife



Occurrence No.	97	Map Index: 66344	EO Index:	66441	Element Last Seen:	1994-10-13
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1994-10-13
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown	Record Last Updated:	2006-09-25
Quad Summary:	New Melones	s Dam (3712085)				
County Summary:	Calaveras, Tu	uolumne				
Lat/Long:	37.87646 / -1	20.60386		Accuracy:	1/10 mile	
UTM:	Zone-10 N41	94815 E710742		Elevation (ft):	450	
PLSS:	T01S, R12E,	Sec. 01, SW (M)		Acres:	0.0	
Location:	TULLOCH RI	ESERVOIR, NORTH SHO	RE.			
Detailed Location:				GIVEN. INCLUDES LOCALITIE IATES PLACE OCCURRENCE N		
Ecological:						
General:	MULTIPLE IN	NDIVIDUALS DETECTED	3 & 13 OCT 199	4. ROOST LOCATED 20 NOV 19	994.	
Owner/Manager:	UNKNOWN					
Occurrence No.	144	Map Index: 66400	EO Index:	66495	Element Last Seen:	1999-10-22
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1999-10-22
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown	Record Last Updated:	2007-04-19
Quad Summary:	Knights Ferry	(3712076)				
County Summary:	Stanislaus	· · ·				
	07.04074/4			<b>•</b>		
1 AT/1 ODO.	3/ 819/4 / -1	20 67173		Accuracy	1/10 mile	
-	37.81974 / -1 Zone-10 N41			Accuracy: Elevation (ft):	1/10 mile 210	
UTM:	Zone-10 N41	20.67173 88369 E704929 Sec. 29, E (M)		Accuracy: Elevation (ft): Acres:	1/10 mile 210 0.0	
UTM: PLSS:	Zone-10 N41 T01S, R12E,	88369 E704929 Sec. 29, E (M)		Elevation (ft):	210	
UTM: PLSS: Location:	Zone-10 N41 T01S, R12E, KNIGHTS FE	88369 E704929 Sec. 29, E (M) RRY.		Elevation (ft): Acres:	210 0.0	
UTM: PLSS: Location: Detailed Location:	Zone-10 N41 T01S, R12E, KNIGHTS FE MAPPED AC	88369 E704929 Sec. 29, E (M) :RRY. CORDING TO LAT/LONG		Elevation (ft): Acres:	210 0.0 "COTTONWOODS."	ES WIDE.
UTM: PLSS: Location: Detailed Location: Ecological:	Zone-10 N41 T01S, R12E, KNIGHTS FE MAPPED AC COTTONWO	88369 E704929 Sec. 29, E (M) RRY. CORDING TO LAT/LONG OD/SYCAMORE. DOMIN/	ATED BY MATU	Elevation (ft): Acres: GIVEN. INCLUDES LOCALITY RE TREES. CONSISTS OF A ST	210 0.0 "COTTONWOODS." TRIP THAT IS ONLY 2-3 TRE	-
UTM: PLSS: Location: Detailed Location: Ecological: General:	Zone-10 N41 T01S, R12E, KNIGHTS FE MAPPED AC COTTONWO	88369 E704929 Sec. 29, E (M) RRY. CORDING TO LAT/LONG OD/SYCAMORE. DOMIN/	ATED BY MATU	Elevation (ft): Acres:	210 0.0 "COTTONWOODS." TRIP THAT IS ONLY 2-3 TRE	-
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager:	Zone-10 N41 T01S, R12E, KNIGHTS FE MAPPED AC COTTONWO MULTIPLE IN UNKNOWN	88369 E704929 Sec. 29, E (M) RRY. CORDING TO LAT/LONG OD/SYCAMORE. DOMIN/ NDIVIDUALS DETECTED	ATED BY MATU 13 OCT 1994. IN	Elevation (ft): Acres: S GIVEN. INCLUDES LOCALITY RE TREES. CONSISTS OF A ST IDIVIDUAL(S) DETECTED ACOU	210 0.0 "COTTONWOODS." TRIP THAT IS ONLY 2-3 TRE JSTICALLY ON 15 AUG, & 22	2 OCT 1999.
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No.	Zone-10 N41 T01S, R12E, KNIGHTS FE MAPPED AC COTTONWO MULTIPLE IN UNKNOWN 216	88369 E704929 Sec. 29, E (M) RRY. CORDING TO LAT/LONG OD/SYCAMORE. DOMIN/	ATED BY MATU 13 OCT 1994. IN EO Index:	Elevation (ft): Acres: GIVEN. INCLUDES LOCALITY RE TREES. CONSISTS OF A ST IDIVIDUAL(S) DETECTED ACOU	210 0.0 "COTTONWOODS." TRIP THAT IS ONLY 2-3 TRE JSTICALLY ON 15 AUG, & 22 Element Last Seen:	2 OCT 1999. 1999-08-15
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	Zone-10 N41 T01S, R12E, KNIGHTS FE MAPPED AC COTTONWO MULTIPLE IN UNKNOWN 216 Unknown	88369 E704929 Sec. 29, E (M) RRY. CORDING TO LAT/LONG OD/SYCAMORE. DOMIN, NDIVIDUALS DETECTED Map Index: 68815	ATED BY MATU 13 OCT 1994. IN EO Index: Presence:	Elevation (ft): Acres: GIVEN. INCLUDES LOCALITY RE TREES. CONSISTS OF A ST IDIVIDUAL(S) DETECTED ACOU	210 0.0 "COTTONWOODS." I'RIP THAT IS ONLY 2-3 TRE JSTICALLY ON 15 AUG, & 22 Element Last Seen: Site Last Seen:	2 OCT 1999. 1999-08-15 1999-08-15
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	Zone-10 N41 T01S, R12E, KNIGHTS FE MAPPED AC COTTONWO MULTIPLE IN UNKNOWN 216 Unknown Natural/Nativ	88369 E704929 Sec. 29, E (M) RRY. CORDING TO LAT/LONG OD/SYCAMORE. DOMIN, NDIVIDUALS DETECTED Map Index: 68815 e occurrence	ATED BY MATU 13 OCT 1994. IN EO Index:	Elevation (ft): Acres: GIVEN. INCLUDES LOCALITY RE TREES. CONSISTS OF A ST IDIVIDUAL(S) DETECTED ACOU	210 0.0 "COTTONWOODS." TRIP THAT IS ONLY 2-3 TRE JSTICALLY ON 15 AUG, & 22 Element Last Seen:	2 OCT 1999. 1999-08-15
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	Zone-10 N41 T01S, R12E, KNIGHTS FE MAPPED AC COTTONWO MULTIPLE IN UNKNOWN 216 Unknown Natural/Native Knights Ferry	88369 E704929 Sec. 29, E (M) RRY. CORDING TO LAT/LONG OD/SYCAMORE. DOMIN, NDIVIDUALS DETECTED Map Index: 68815 e occurrence	ATED BY MATU 13 OCT 1994. IN EO Index: Presence:	Elevation (ft): Acres: GIVEN. INCLUDES LOCALITY RE TREES. CONSISTS OF A ST IDIVIDUAL(S) DETECTED ACOU	210 0.0 "COTTONWOODS." I'RIP THAT IS ONLY 2-3 TRE JSTICALLY ON 15 AUG, & 22 Element Last Seen: Site Last Seen:	2 OCT 1999. 1999-08-15 1999-08-15
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	Zone-10 N41 T01S, R12E, KNIGHTS FE MAPPED AC COTTONWO MULTIPLE IN UNKNOWN 216 Unknown Natural/Native Knights Ferry Stanislaus	88369 E704929 Sec. 29, E (M) RRY. CORDING TO LAT/LONG OD/SYCAMORE. DOMIN, NDIVIDUALS DETECTED Map Index: 68815 e occurrence	ATED BY MATU 13 OCT 1994. IN EO Index: Presence:	Elevation (ft): Acres: GIVEN. INCLUDES LOCALITY RE TREES. CONSISTS OF A ST IDIVIDUAL(S) DETECTED ACOU 69338 Presumed Extant Unknown	210 0.0 "COTTONWOODS." TRIP THAT IS ONLY 2-3 TRE JSTICALLY ON 15 AUG, & 22 Element Last Seen: Site Last Seen: Record Last Updated:	2 OCT 1999. 1999-08-15 1999-08-15
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Zone-10 N41 T01S, R12E, KNIGHTS FE MAPPED AC COTTONWO MULTIPLE IN UNKNOWN 216 Unknown Natural/Nativ Stanislaus 37.81431 / -1	88369 E704929 Sec. 29, E (M) RRY. CORDING TO LAT/LONG OD/SYCAMORE. DOMIN/ NDIVIDUALS DETECTED Map Index: 68815 e occurrence (3712076) 20.72429	ATED BY MATU 13 OCT 1994. IN EO Index: Presence:	Elevation (ft): Acres: GIVEN. INCLUDES LOCALITY RE TREES. CONSISTS OF A ST DIVIDUAL(S) DETECTED ACOU 69338 Presumed Extant Unknown	210 0.0 "COTTONWOODS." TRIP THAT IS ONLY 2-3 TRE JSTICALLY ON 15 AUG, & 22 Element Last Seen: Site Last Seen: Record Last Updated: non-specific area	2 OCT 1999. 1999-08-15 1999-08-15
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Zone-10 N41 T01S, R12E, KNIGHTS FE MAPPED AC COTTONWO MULTIPLE IN UNKNOWN 216 Unknown Natural/Native Stanislaus 37.81431 / -1 Zone-10 N41	88369 E704929 Sec. 29, E (M) RRY. CORDING TO LAT/LONG OD/SYCAMORE. DOMIN, NDIVIDUALS DETECTED Map Index: 68815 e occurrence (3712076) 20.72429 87653 E700317	ATED BY MATU 13 OCT 1994. IN EO Index: Presence:	Elevation (ft): Acres: S GIVEN. INCLUDES LOCALITY RE TREES. CONSISTS OF A ST IDIVIDUAL(S) DETECTED ACOU 69338 Presumed Extant Unknown Accuracy: Elevation (ft):	210 0.0 "COTTONWOODS." TRIP THAT IS ONLY 2-3 TRE JSTICALLY ON 15 AUG, & 22 Element Last Seen: Site Last Seen: Record Last Updated: non-specific area 164	2 OCT 1999. 1999-08-15 1999-08-15
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Zone-10 N41 T01S, R12E, KNIGHTS FE MAPPED AC COTTONWO MULTIPLE IN UNKNOWN 216 Unknown Natural/Nativ Stanislaus 37.81431 / -1	88369 E704929 Sec. 29, E (M) RRY. CORDING TO LAT/LONG OD/SYCAMORE. DOMIN, NDIVIDUALS DETECTED Map Index: 68815 e occurrence (3712076) 20.72429 87653 E700317	ATED BY MATU 13 OCT 1994. IN EO Index: Presence:	Elevation (ft): Acres: GIVEN. INCLUDES LOCALITY RE TREES. CONSISTS OF A ST DIVIDUAL(S) DETECTED ACOU 69338 Presumed Extant Unknown	210 0.0 "COTTONWOODS." TRIP THAT IS ONLY 2-3 TRE JSTICALLY ON 15 AUG, & 22 Element Last Seen: Site Last Seen: Record Last Updated: non-specific area	2 OCT 1999. 1999-08-15 1999-08-15
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Zone-10 N41 T01S, R12E, KNIGHTS FE MAPPED AC COTTONWO MULTIPLE IN UNKNOWN 216 Unknown Natural/Nativ Knights Ferry Stanislaus 37.81431 / -1 Zone-10 N41 T01S, R11E,	88369 E704929 Sec. 29, E (M) RRY. CORDING TO LAT/LONG OD/SYCAMORE. DOMIN, NDIVIDUALS DETECTED Map Index: 68815 e occurrence (3712076) 20.72429 87653 E700317	ATED BY MATU 13 OCT 1994. IN EO Index: Presence: Trend:	Elevation (ft): Acres: GIVEN. INCLUDES LOCALITY RE TREES. CONSISTS OF A ST DIVIDUAL(S) DETECTED ACOU 69338 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	210 0.0 "COTTONWOODS." TRIP THAT IS ONLY 2-3 TRE JSTICALLY ON 15 AUG, & 22 Element Last Seen: Site Last Seen: Record Last Updated: non-specific area 164	2 OCT 1999. 1999-08-15 1999-08-15
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Zone-10 N41 T01S, R12E, KNIGHTS FE MAPPED AC COTTONWO MULTIPLE IN UNKNOWN 216 Unknown Natural/Native Stanislaus 37.81431 / -1 Zone-10 N41 T01S, R11E, ABOUT 3 MII EXACT LOC/	88369 E704929 Sec. 29, E (M) RRY. CORDING TO LAT/LONG OD/SYCAMORE. DOMIN, NDIVIDUALS DETECTED Map Index: 68815 e occurrence (3712076) 20.72429 87653 E700317 Sec. 26 (M) LES WSW OF KNIGHTS F ATION UNKNOWN, AS SC	ATED BY MATU 13 OCT 1994. IN EO Index: Presence: Trend: 	Elevation (ft): Acres: GIVEN. INCLUDES LOCALITY RE TREES. CONSISTS OF A ST DIVIDUAL(S) DETECTED ACOU 69338 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	210 0.0 "COTTONWOODS." TRIP THAT IS ONLY 2-3 TRE JSTICALLY ON 15 AUG, & 22 Element Last Seen: Site Last Seen: Record Last Updated: non-specific area 164 152.0	2 OCT 1999. 1999-08-15 1999-08-15 2007-04-04
UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Zone-10 N41 T01S, R12E, KNIGHTS FE MAPPED AC COTTONWO MULTIPLE IN UNKNOWN 216 Unknown Natural/Native Stanislaus 37.81431 / -1 Zone-10 N41 T01S, R11E, ABOUT 3 MII EXACT LOC/	88369 E704929 Sec. 29, E (M) RRY. CORDING TO LAT/LONG OD/SYCAMORE. DOMIN, NDIVIDUALS DETECTED Map Index: 68815 e occurrence (3712076) 20.72429 87653 E700317 Sec. 26 (M) LES WSW OF KNIGHTS F	ATED BY MATU 13 OCT 1994. IN EO Index: Presence: Trend: 	Elevation (ft): Acres: GIVEN. INCLUDES LOCALITY RE TREES. CONSISTS OF A ST IDIVIDUAL(S) DETECTED ACOU 69338 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: SHOE ROAD.	210 0.0 "COTTONWOODS." TRIP THAT IS ONLY 2-3 TRE JSTICALLY ON 15 AUG, & 22 Element Last Seen: Site Last Seen: Record Last Updated: non-specific area 164 152.0	2 OCT 1999. 1999-08-15 1999-08-15 2007-04-04
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Zone-10 N41 T01S, R12E, KNIGHTS FE MAPPED AC COTTONWO MULTIPLE IN UNKNOWN 216 Unknown Natural/Nativ Knights Ferry Stanislaus 37.81431 / -1 Zone-10 N41 T01S, R11E, ABOUT 3 MII EXACT LOC/ HORSESHO	88369 E704929 Sec. 29, E (M) RRY. CORDING TO LAT/LONG OD/SYCAMORE. DOMIN, NDIVIDUALS DETECTED Map Index: 68815 e occurrence (3712076) 20.72429 87653 E700317 Sec. 26 (M) LES WSW OF KNIGHTS F ATION UNKNOWN, AS SC	ATED BY MATU 13 OCT 1994. IN EO Index: Presence: Trend: FERRY, HORSES DURCE GIVES L S MAPPED.	Elevation (ft): Acres: GIVEN. INCLUDES LOCALITY RE TREES. CONSISTS OF A ST IDIVIDUAL(S) DETECTED ACOU 69338 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: SHOE ROAD. OCALITY ONLY AS "HORSESH	210 0.0 "COTTONWOODS." TRIP THAT IS ONLY 2-3 TRE JSTICALLY ON 15 AUG, & 22 Element Last Seen: Site Last Seen: Record Last Updated: non-specific area 164 152.0	2 OCT 1999. 1999-08-15 1999-08-15 2007-04-04



California Department of Fish and Wildlife



Occurrence No.	236 Map Index:	64072 <b>EO Index</b> :	69717	Element Last Seen:	1999-10-22
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:	1999-10-22
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:	2007-04-19
Quad Summary:	Knights Ferry (3712076)			•	
County Summary:	Calaveras, Tuolumne				
			<b>A</b>	4/40	
Lat/Long:	37.84068 / -120.64195	•	Accuracy:	1/10 mile	
UTM:	Zone-10 N4190759 E70749	12	Elevation (ft):	250	
PLSS:	T01S, R12E, Sec. 22 (M)		Acres:	0.0	
Location:	ABOUT 2 MILES NE OF KN	NGHTS FERRY, STANISLA	US RIVER, TWO MILE BAR.		
Detailed Location:					
Ecological:					
General:		DETECTED 13 OCT 1994. IN	IDIVIDUAL(S) DETECTED ACO	USTICALLY ON 17 JUN, 15 A	UG, 16 SEP
Owner/Manager:	AND 22 OCT 1999. UNKNOWN				
Owner/Manager.	UNKNOWN				
Occurrence No.	237 Map Index:	69001 <b>EO Index</b> :	69721	Element Last Seen:	1999-10-22
Occ. Rank:					
	Unknown	Presence:	Presumed Extant	Site Last Seen:	1999-10-22
Осс. Туре:	Unknown Natural/Native occurrence	Presence: Trend:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	1999-10-22 2007-05-08
Occ. Type: Quad Summary:					
	Natural/Native occurrence				
Quad Summary:	Natural/Native occurrence Knights Ferry (3712076)				
Quad Summary: County Summary:	Natural/Native occurrence Knights Ferry (3712076) Stanislaus	Trend:	Unknown	Record Last Updated:	
Quad Summary: County Summary: Lat/Long:	Natural/Native occurrence Knights Ferry (3712076) Stanislaus 37.81999 / -120.66170	Trend:	Unknown Accuracy:	Record Last Updated: 1/10 mile	
Quad Summary: County Summary: Lat/Long: UTM:	Natural/Native occurrence Knights Ferry (3712076) Stanislaus 37.81999 / -120.66170 Zone-10 N4188419 E70581	Trend:	Unknown Accuracy: Elevation (ft):	Record Last Updated: 1/10 mile 180	
Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Natural/Native occurrence           Knights Ferry (3712076)           Stanislaus           37.81999 / -120.66170           Zone-10 N4188419 E70581           T01S, R12E, Sec. 28, NW (           ABOUT 0.5 MILE EAST OF	Trend: 1 M) KNIGHTS FERRY. LAT/LONG COORDINATS	Unknown Accuracy: Elevation (ft):	Record Last Updated: 1/10 mile 180 0.0	2007-05-08
Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Natural/Native occurrence Knights Ferry (3712076) Stanislaus 37.81999 / -120.66170 Zone-10 N4188419 E70581 T01S, R12E, Sec. 28, NW ( ABOUT 0.5 MILE EAST OF MAPPED ACCORDING TO RIVER EDGE", & "PICNIC A	Trend: 1 M) KNIGHTS FERRY. LAT/LONG COORDINATS AREA."	Unknown Accuracy: Elevation (ft): Acres:	Record Last Updated: 1/10 mile 180 0.0 UDES "FLOODPLAIN," "HC P	2007-05-08
Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Natural/Native occurrence Knights Ferry (3712076) Stanislaus 37.81999 / -120.66170 Zone-10 N4188419 E70581 T01S, R12E, Sec. 28, NW ( ABOUT 0.5 MILE EAST OF MAPPED ACCORDING TO RIVER EDGE", & "PICNIC A COTTONWOOD/SYCAMOP	Trend: 1 M) KNIGHTS FERRY. LAT/LONG COORDINATS AREA." RE. DOMINATED BY MATU	Unknown Accuracy: Elevation (ft): Acres: PROVIDED BY SOURCE. INCL	Record Last Updated: 1/10 mile 180 0.0 UDES "FLOODPLAIN," "HC P	2007-05-08



**California Natural Diversity Database** 



					Element Code: AMA	E 101010
Erethizon dorsa					Element Code. Amp	
North American p	orcupine					
Listing Status:	Federal:	None		CNDDB Element Ra	n <b>ks: Global:</b> G5	
	State:	None			State: S3	
	Other:	IUCN_LC-Least Concern				
Habitat:	General:			EVADA, CASCADE, AND COAS AS IN THE TRANSVERSE RAN		RED
	Micro:	WIDE VARIETY OF CONIFE	EROUS AND M	XED WOODLAND HABITAT.		
Occurrence No.	427	Map Index: A6223	EO Index:	107979	Element Last Seen:	2015-09-13
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2015-09-13
осс. Туре:	Natural/Nat	tive occurrence	Trend:	Unknown	Record Last Updated:	2017-09-05
Quad Summary:	Copperopo	lis (3712086)				
County Summary:	Calaveras					
at/Long:	37.97909 /	-120.64106		Accuracy:	2/5 mile	
ITM:	Zone-10 N	4206120 E707182		Elevation (ft):	973	
PLSS:	T02N, R12	E, Sec. 34, S (M)		Acres:	280.0	
ocation:	AREA JUS	T SE OF HWY 4 AT ROCK C	REEK RD. COF	PPEROPOLIS.		
Detailed Location:				ES AND GENERAL LOCATION	DESCRIPTION OF "COPPER	ROPOLIS."
Ecological:						
General:	1 PORCUF	VINE OBSERVED COMING U	P ON THE POP	CH OF A PRIVATE RESIDEN	CE ON 13 SEP 2015.	
General: Owner/Manager:	1 PORCUF		IP ON THE POF	RCH OF A PRIVATE RESIDEN	CE ON 13 SEP 2015.	
			IP ON THE POP	CH OF A PRIVATE RESIDEN	CE ON 13 SEP 2015.	
Owner/Manager:			EO Index:	CH OF A PRIVATE RESIDENO	CE ON 13 SEP 2015. Element Last Seen:	2013-05-11
Owner/Manager: Occurrence No.	UNKNOW	N, PVT				2013-05-11 2013-05-11
Dwner/Manager: Dccurrence No. Dcc. Rank:	UNKNOWN 428 Unknown	N, PVT	EO Index:	107869	Element Last Seen:	2013-05-11
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	UNKNOWN 428 Unknown Natural/Nat	N, PVT Map Index: A6116	EO Index: Presence:	107869 Presumed Extant	Element Last Seen: Site Last Seen:	2013-05-11
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	UNKNOWN 428 Unknown Natural/Nat	N, PVT Map Index: A6116	EO Index: Presence:	107869 Presumed Extant	Element Last Seen: Site Last Seen:	2013-05-11
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	UNKNOWN 428 Unknown Natural/Na Copperopo Calaveras	N, PVT Map Index: A6116	EO Index: Presence:	107869 Presumed Extant	Element Last Seen: Site Last Seen:	2013-05-11
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: at/Long:	UNKNOWN 428 Unknown Natural/Nat Copperopo Calaveras 37.95138 /	N, PVT Map Index: A6116 tive occurrence lis (3712086)	EO Index: Presence:	107869 Presumed Extant Unknown	Element Last Seen: Site Last Seen: Record Last Updated:	2013-05-11
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: .at/Long: JTM:	UNKNOWN 428 Unknown Natural/Nai Copperopo Calaveras 37.95138 / Zone-10 N	N, PVT Map Index: A6116 tive occurrence lis (3712086) -120.69531	EO Index: Presence:	107869 Presumed Extant Unknown Accuracy:	Element Last Seen: Site Last Seen: Record Last Updated: non-specific area	2013-05-11
Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM: PLSS:	UNKNOWN 428 Unknown Natural/Na Copperopo Calaveras 37.95138 / Zone-10 N T01N, R12	N, PVT Map Index: A6116 tive occurrence lis (3712086) -120.69531 4202926 E702493 E, Sec. 7, E (M) VY 4, ABOUT 0.2-1 MI W OF	EO Index: Presence: Trend:	107869 Presumed Extant Unknown Accuracy: Elevation (ft):	Element Last Seen: Site Last Seen: Record Last Updated: non-specific area 998 49.0	2013-05-11 2017-08-28
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: County Summary: Lat/Long: JTM: PLSS: Location:	UNKNOWN 428 Unknown Natural/Nat Copperopo Calaveras 37.95138 / Zone-10 N- T01N, R12 ALONG HV COPPERC MAPPED / COPPERC	N, PVT Map Index: A6116 tive occurrence lis (3712086) -120.69531 4202926 E702493 E, Sec. 7, E (M) VY 4, ABOUT 0.2-1 MI W OF POLIS. ACCORDING TO THE PROVI	EO Index: Presence: Trend: HORSESHOE DED LOCATIO RE PROVIDED	107869 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: LN INTERSECTION, 1.1 MI ES N DESCRIPTION OF "HWY 4, 4 BUT WERE LOCATED ABOU	Element Last Seen: Site Last Seen: Record Last Updated: non-specific area 998 49.0 E OF BOUCHER MOUNTAIN	2013-05-11 2017-08-28 PEAK, W OF
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location:	UNKNOWN 428 Unknown Natural/Nat Copperopo Calaveras 37.95138 / Zone-10 N- T01N, R12 ALONG HV COPPERC MAPPED / COPPERC	Map Index: A6116 tive occurrence lis (3712086) -120.69531 4202926 E702493 E, Sec. 7, E (M) VY 4, ABOUT 0.2-1 MI W OF IPOLIS. ACCORDING TO THE PROVI IPOLIS." COORDINATES WE	EO Index: Presence: Trend: HORSESHOE DED LOCATIO RE PROVIDED	107869 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: LN INTERSECTION, 1.1 MI ES N DESCRIPTION OF "HWY 4, 4 BUT WERE LOCATED ABOU	Element Last Seen: Site Last Seen: Record Last Updated: non-specific area 998 49.0 E OF BOUCHER MOUNTAIN	2013-05-11 2017-08-28 PEAK, W OF
Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location: Ecological:	UNKNOWN 428 Unknown Natural/Nat Copperopo Calaveras 37.95138 / Zone-10 N/ T01N, R12 ALONG HV COPPERC MAPPED / COPPERC AS AN EST	Map Index: A6116 tive occurrence lis (3712086) -120.69531 4202926 E702493 E, Sec. 7, E (M) VY 4, ABOUT 0.2-1 MI W OF IPOLIS. ACCORDING TO THE PROVI IPOLIS." COORDINATES WE	EO Index: Presence: Trend: HORSESHOE DED LOCATIO :RE PROVIDED ON THE ROAD	107869 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: LN INTERSECTION, 1.1 MI ES N DESCRIPTION OF "HWY 4, 7 BUT WERE LOCATED ABOUT	Element Last Seen: Site Last Seen: Record Last Updated: non-specific area 998 49.0 E OF BOUCHER MOUNTAIN	2013-05-11 2017-08-28 PEAK, W OF
Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location: Ecological: General:	UNKNOWN 428 Unknown Natural/Nat Copperopo Calaveras 37.95138 / Zone-10 N/ T01N, R12 ALONG HV COPPERC MAPPED / COPPERC AS AN EST	Map Index: A6116 tive occurrence lis (3712086) -120.69531 4202926 E702493 E, Sec. 7, E (M) WY 4, ABOUT 0.2-1 MI W OF POLIS. ACCORDING TO THE PROVI POLIS." COORDINATES WE FIMATE OF THE LOCATION OF POLIS."	EO Index: Presence: Trend: HORSESHOE DED LOCATIO :RE PROVIDED ON THE ROAD	107869 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: LN INTERSECTION, 1.1 MI ES N DESCRIPTION OF "HWY 4, 7 BUT WERE LOCATED ABOUT	Element Last Seen: Site Last Seen: Record Last Updated: non-specific area 998 49.0 E OF BOUCHER MOUNTAIN	2013-05-11 2017-08-28 PEAK, W OF
Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager:	UNKNOWN 428 Unknown Natural/Nar Copperopo Calaveras 37.95138 / Zone-10 N- T01N, R12 ALONG HV COPPERC MAPPED / COPPERC AS AN ES 1 PORCUE	Map Index: A6116 tive occurrence lis (3712086) -120.69531 4202926 E702493 E, Sec. 7, E (M) WY 4, ABOUT 0.2-1 MI W OF POLIS. ACCORDING TO THE PROVI POLIS." COORDINATES WE FIMATE OF THE LOCATION OF POLIS."	EO Index: Presence: Trend: HORSESHOE DED LOCATIO :RE PROVIDED ON THE ROAD	107869 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: LN INTERSECTION, 1.1 MI ES N DESCRIPTION OF "HWY 4, 7 BUT WERE LOCATED ABOUT	Element Last Seen: Site Last Seen: Record Last Updated: non-specific area 998 49.0 E OF BOUCHER MOUNTAIN	2013-05-11 2017-08-28 PEAK, W OF USED ONLY
Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager:	UNKNOWN 428 Unknown Natural/Nai Copperopo Calaveras 37.95138 / Zone-10 N- T01N, R12 ALONG HV COPPERC MAPPED / COPPERC AS AN EST 1 PORCUF UNKNOWN	Map Index: A6116 tive occurrence lis (3712086) -120.69531 4202926 E702493 E, Sec. 7, E (M) WY 4, ABOUT 0.2-1 MI W OF POLIS. ACCORDING TO THE PROVI POLIS." COORDINATES WE FIMATE OF THE LOCATION OF POLIS."	EO Index: Presence: Trend: HORSESHOE DED LOCATIO :RE PROVIDED ON THE ROAD	107869 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: LN INTERSECTION, 1.1 MI ES N DESCRIPTION OF "HWY 4, 7 BUT WERE LOCATED ABOUT	Element Last Seen: Site Last Seen: Record Last Updated: non-specific area 998 49.0 E OF BOUCHER MOUNTAIN ABOUT 3.8 MILES WEST OF T 0.2 MI OFF OF THE ROAD.	2013-05-11 2017-08-28 PEAK, W OF USED ONLY
Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager: Actinemys mar	UNKNOWN 428 Unknown Natural/Nat Copperopo Calaveras 37.95138 / Zone-10 N- T01N, R12 ALONG HV COPPERC MAPPED / COPPERC AS AN EST 1 PORCUF UNKNOWN	Map Index: A6116 tive occurrence lis (3712086) -120.69531 4202926 E702493 E, Sec. 7, E (M) WY 4, ABOUT 0.2-1 MI W OF POLIS. ACCORDING TO THE PROVI POLIS." COORDINATES WE FIMATE OF THE LOCATION OF POLIS."	EO Index: Presence: Trend: HORSESHOE DED LOCATIO :RE PROVIDED ON THE ROAD	107869 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: LN INTERSECTION, 1.1 MI ES N DESCRIPTION OF "HWY 4, 7 BUT WERE LOCATED ABOUT	Element Last Seen: Site Last Seen: Record Last Updated: non-specific area 998 49.0 E OF BOUCHER MOUNTAIN ABOUT 3.8 MILES WEST OF T 0.2 MI OFF OF THE ROAD. Element Code: ARA	2013-05-11 2017-08-28 PEAK, W OF USED ONLY
Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager: Actinemys marking	UNKNOWN 428 Unknown Natural/Nat Copperopo Calaveras 37.95138 / Zone-10 N- T01N, R12 ALONG HV COPPERC MAPPED / COPPERC AS AN EST 1 PORCUF UNKNOWN	Map Index: A6116 tive occurrence lis (3712086) -120.69531 4202926 E702493 E, Sec. 7, E (M) WY 4, ABOUT 0.2-1 MI W OF POLIS. ACCORDING TO THE PROVI POLIS." COORDINATES WE FIMATE OF THE LOCATION OF POLIS." COORDINATES WE FIMATE OF THE LOCATION OF POLIS."	EO Index: Presence: Trend: HORSESHOE DED LOCATIO :RE PROVIDED ON THE ROAD	107869 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: LN INTERSECTION, 1.1 MI ES N DESCRIPTION OF "HWY 4, 7 9 BUT WERE LOCATED ABOUT	Element Last Seen: Site Last Seen: Record Last Updated: non-specific area 998 49.0 E OF BOUCHER MOUNTAIN ABOUT 3.8 MILES WEST OF T 0.2 MI OFF OF THE ROAD. Element Code: ARA	2013-05-11 2017-08-28 PEAK, W OF USED ONLY
Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager: Actinemys marking	UNKNOWN 428 Unknown Natural/Nai Copperopo Calaveras 37.95138 / Zone-10 N/ T01N, R12 ALONG HV COPPERC AS AN EST 1 PORCUF UNKNOWN <b>morata</b> d turtle Federal:	Map Index: A6116 tive occurrence lis (3712086) -120.69531 4202926 E702493 E, Sec. 7, E (M) VY 4, ABOUT 0.2-1 MI W OF POLIS. ACCORDING TO THE PROVI POLIS." COORDINATES WE FIMATE OF THE LOCATION OF PINE OBSERVED AS ROADK N Proposed Threatened None	EO Index: Presence: Trend: HORSESHOE DED LOCATIO CON THE ROAD	107869 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: LN INTERSECTION, 1.1 MI ES N DESCRIPTION OF "HWY 4, 7 9 BUT WERE LOCATED ABOUT	Element Last Seen: Site Last Seen: Record Last Updated: non-specific area 998 49.0 E OF BOUCHER MOUNTAIN ABOUT 3.8 MILES WEST OF T 0.2 MI OFF OF THE ROAD. Element Code: ARA hks: Global: G2 State: SNR	2013-05-11 2017-08-28 PEAK, W OF USED ONLY
Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location: Ecological: General: Dwner/Manager: Actinemys marking	UNKNOWN 428 Unknown Natural/Nat Copperopo Calaveras 37.95138 / Zone-10 N/ T01N, R12 ALONG HV COPPERC MAPPED / COPPERC AS AN ES 1 PORCUF UNKNOWN <b>morata</b> d turtle <b>Federal:</b> State:	Map Index: A6116 tive occurrence lis (3712086) -120.69531 4202926 E702493 E, Sec. 7, E (M) VY 4, ABOUT 0.2-1 MI W OF POLIS. ACCORDING TO THE PROVI POLIS." COORDINATES WE FIMATE OF THE LOCATION OF PINE OBSERVED AS ROADK N Proposed Threatened None	EO Index: Presence: Trend: HORSESHOE DED LOCATIO CON THE ROAD	107869 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: LN INTERSECTION, 1.1 MI ES N DESCRIPTION OF "HWY 4, 7 9 BUT WERE LOCATED ABOUT 2 2013.	Element Last Seen: Site Last Seen: Record Last Updated: non-specific area 998 49.0 E OF BOUCHER MOUNTAIN ABOUT 3.8 MILES WEST OF T 0.2 MI OFF OF THE ROAD. Element Code: ARA hks: Global: G2 State: SNR	2013-05-11 2017-08-28 PEAK, W OF USED ONLY

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VERSIT	405	Man Indows 20004	EQ Indews	22014			4007.00.40
Occurrence No.	105 Foir	Map Index: 38604	EO Index:	33611 Brooumod Ev	test.	Element Last Seen:	1997-06-12 1997-06-12
Occ. Rank:	Fair	tive occurrence	Presence:	Presumed Ex	klani	Site Last Seen:	
Осс. Туре:			Trend:	Unknown		Record Last Updated:	1998-04-13
Quad Summary:	Keystone (	3712075)					
County Summary:	Tuolumne						
Lat/Long:	37.86506 /	-120.53549			Accuracy:	specific area	
UTM:	Zone-10 N	4193706 E716789			Elevation (ft):	600	
PLSS:	T01S, R13	E, Sec. 10, NW (M)			Acres:	24.7	
Location:	GREEN SF	PRING RUN, 0.5 MILES UPS	STREAM OF MO	UNTAIN PASS	CREEK CONFLU	JENCE, SW OF SONORA.	
Detailed Location:							
Ecological:						ETATION IS SCANT AND DO	
General:	1 ADULT F	POND TURTLE OBSERVED	ON 12 JUN 199	7.			
Owner/Manager:	BLM						
Occurrence No.	451	Map Index: 32807	EO Index:	12431		Element Last Seen:	1879-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed Ex	ktant	Site Last Seen:	1879-XX-XX
Осс. Туре:	Natural/Nat	tive occurrence	Trend:	Unknown		Record Last Updated:	1996-02-22
Quad Summary:	Knights Fe	rry (3712076)					
County Summary:	Stanislaus						
Lat/Long:	37.81844 /	-120.67240			Accuracy:	1 mile	
UTM:	Zone-10 N	4188223 E704873			Elevation (ft):	150	
PLSS:	T01S, R12	E, Sec. 29 (M)			Acres:	0.0	
Location:	KNIGHTS	FERRY.					
Detailed Location:	NO OTHEF	R LOCATION INFORMATIO	N GIVEN.				
Ecological:							
General:	LOCKING	TON COLLECTED UNKNOV	VN NUMBER OF	SPECIMENS I	N 1879.		
Owner/Manager:	UNKNOW	N					
Occurrence No.	529	Map Index: 34697	EO Index:	323		Element Last Seen:	1993-06-17
Occ. Rank:	Fair		Presence:	Presumed Ex	ktant	Site Last Seen:	1993-06-17
Осс. Туре:	Natural/Nat	tive occurrence	Trend:	Unknown		Record Last Updated:	1996-04-02
Quad Summary:	Oakdale (3	712077)				·	
County Summary:	Stanislaus	,					
Lat/Long:	37.80775 /	-120.83243			Accuracy:	specific area	
UTM:		4186698 E690814			Elevation (ft):	200	
PLSS:		E, Sec. 35 (M)			Acres:	7.7	
Location:		AN-MADE LAKE 100 FT N C	OF BURNETT LA	TERAL, 0.9 MI		DEN ROAD, 0.45 MI E OF TW	ENTY-EIGHT
Detailed Location:		<u> </u>					
						PDS	
Ecological:	LARGE MA	AN-MADE LAKE SURROUN					
Ecological: General:		DBSERVED BY C. LUKE.					



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#### **California Natural Diversity Database**



Occurrence No.	530	Map Index: 34698	EO Index:	322		Element Last Seen:	1993-06-17
Occ. Rank:	Good		Presence:	Presumed E	xtant	Site Last Seen:	1993-06-17
Осс. Туре:	Natural/Native	e occurrence	Trend:	Unknown		Record Last Updated:	1996-04-02
Quad Summary:	Oakdale (371	2077)					
County Summary:	Stanislaus						
Lat/Long:	37.80225 / -1	20.82875			Accuracy:	1/5 mile	
UTM:	Zone-10 N41	86095 E691152			Elevation (ft):	180	
PLSS:	T01S, R10E,	Sec. 36 (M)			Acres:	0.0	
Location:	LARGE PON		II LINE & COLI	LINS LATERAL	LS; 0.45 MI NORT⊢	I OF RODDEN RD; 0.65 MI I	E OF TWENTY-
Detailed Location:							
Ecological:	MAN-MADE POND, WITH WEEPING WILLOWS ALONG SOUTHERN BANK, AT THE INTERSECTION OF TWO CREEKS, SURROUNDED BY ANNUAL GRASSLAND, IRRIGATION DITCHES AND ORCHARDS.						
General:	1 ADULT ANI	D 1 JUVENILE OBSERVED	AT POND BY	C. LUKE.			
Owner/Manager:	PVT						

Northern Hard	oan Vernal	l Pool			Eleme	nt Code: CTT4	4110CA
Northern Hardpa	n Vernal Pool	l					
Listing Status:	Federal:	None		CNDDB Element Ranks	: Global:	G3	
	State:	None			State:	S3.1	
	Other:						
Habitat:	General:						
	Micro:						
Occurrence No.	77	Map Index: 12701	EO Index:	26873	Element	Last Seen:	1986-07-24
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last	Seen:	1986-07-24
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record L	ast Updated:	1998-07-15
Quad Summary:	Knights Fe	erry (3712076), Oakdale (3712	2077), Copperop	olis (3712086), Bachelor Valley (3	712087)		
County Summary:	Stanislaus	8					
Lat/Long:	37.88742	/ -120.75798		Accuracy:	1 mile		
UTM:	Zone-10 N	N4195694 E697156		Elevation (ft):	340		
PLSS:	T01N, R1 <sup>-</sup>	1E, Sec. 34, SW (M)		Acres:	0.0		
Location:	HEADWA	TERS OF SHIRLEY CREEK,	ABOUT 6 AIR M	ILES NW OF KNIGHTS FERRY (F	RANCHERIA	DEL RIO EST	ANISLAO).
Detailed Location:	IN ANNUA	AL GRASSLAND.					
Ecological:		PFIA COLUSANA IN DEEPES ICATION, LACKS SPP. INFO.	T PORTION OF	POOL W/ CRYPSIS NILIACEA. U	INABLE TO	CONVERT TO	FLORISTIC
General:		PS://WILDLIFE.CA.GOV/DATA	A/VEGCAMP/NA	TURAL-COMMUNITIES TO INTE	RPRET AND	ADDRESS TH	IE PRESENCE
Owner/Manager:	PVT						

Branchinecta I	-			Elemei	nt Code: ICBRA03030	
Listing Status:	Federal:	Threatened	CNDDB Element Ranks:	Global:	G3	
	State:	None		State:	S3	
	Other:	IUCN_VU-Vulnerable				
Habitat:	General: ENDEMIC TO THE GRASSLANDS OF THE CENTRAL VALLEY, CENTRAL COAST MOUNTAINS, AND SOU COAST MOUNTAINS, IN ASTATIC RAIN-FILLED POOLS.					

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	Micro:	INHABIT SMALL, CLEAR-V BASALT-FLOW DEPRESS		TONE-DEPRES	SION POOLS AN	ID GRASSED SWALE, EART	H SLUMP, OR
Occurrence No.	795	Map Index: 93974	EO Index:	95102		Element Last Seen:	2013-02-04
Occ. Rank:	Unknown		Presence:	Presumed Ex	tant	Site Last Seen:	2013-02-04
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown		Record Last Updated:	2014-09-30
Quad Summary:	Knights Fo	erry (3712076)					
County Summary:	Stanislaus	3					
Lat/Long:	37.76042	/ -120.71720			Accuracy:	non-specific area	
UTM:	Zone-10 N	N4181688 E701086			Elevation (ft):	250	
PLSS:	T02S, R1	1E, Sec. 13 (M)			Acres:	33.0	
Location:	ALONG H OF OAKD	IETCH HETCHY AQUEDUCT	, 0.3 TO 0.9 MIL	E NE OF WHEI	RE FOGARTY RC	DAD CROSSES SIERRA RAII	ROAD, EAST
Detailed Location:	CASHMA	N CREEK STUDY AREA. MAI	PPED TO OCCL	JPIED POOLS.			
Ecological:	VERNAL	POOLS WITHIN HETCH HET	CHY AQUEDUC	T RIGHT-OF-V	VAY ON LAND US	SED FOR GRAZING.	
General:		DETECTED IN 4 OF 62 POOL AND A TOTAL OF 7 POOLS).				DENTIFIED FROM AN ADDI	TIONAL 5
Owner/Manager:	SFPUC						
Occurrence No.	796	Map Index: 93977	EO Index:	95109		Element Last Seen:	2013-01-07
Occ. Rank:	Unknown		Presence:	Presumed Ex	tant	Site Last Seen:	2013-01-07
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown		Record Last Updated:	2014-09-29
Quad Summary:	Knights F	erry (3712076)					
County Summary:	Stanislaus	6					
Lat/Long:	37.77673	/ -120.67720			Accuracy:	80 meters	
UTM:	Zone-10 N	V4183584 E704566			Elevation (ft):	460	
PLSS:	T02S, R12	2E, Sec. 08, NW (M)			Acres:	0.0	
Location:	ALONG T	HE HETCH HETCHY AQUED	UCT, 1.8 MILES	EAST OF CAS	SHMAN DAM, EA	ST OF OAKDALE.	
Detailed Location:	VERNAL	POOL 54.70-1 IN SFPUC EAS	ST SEGMENT P	IPELINE 4 HAE	BITAT MAP BOOK	, 	
Ecological:		POOL WITHIN SFPUC ROW. ROAD AND CATTLE GRAZIN		7 INCHES DEE	P, 8 DEGREES C	ELSIUS. VISIBLE DISTURB	ANCES FROM
General:	1S DETE	CTED IN 1 POOL ON 7 JAN 2	013.				



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Occurrence No.	797	Map Index: 93979	EO Index:	95112		Element Last Seen:	2013-01-07
Occ. Rank:	Unknown	·	Presence:	Presumed Ext	ant	Site Last Seen:	2013-01-07
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2014-09-29
Quad Summary:	Knights Ferr	y (3712076)					
County Summary:	Stanislaus						
Lat/Long:	37.78471 / -	120.66437			Accuracy:	specific area	
UTM:	Zone-10 N4	184497 E705674			Elevation (ft):	540	
PLSS:	T02S, R12E	, Sec. 04, SW (M)			Acres:	6.0	
Location:	JUST NORT	H OF THE HETCH HETCH	IY AQUEDUCT,	2.6 MILES ENE	OF CASHMAN	DAM, EAST OF OAKDALE.	
Detailed Location:	POOLS AR1	0-2 AND AR10-5 IN SFPU	C EAST SEGME	NT PIPELINE 4	HABITAT MAP E	BOOK.	
Ecological:		AL POOLS ADJACENT TO DING USES GRAZING, ALM			TH 5 INCHES, TE	MPERATURE 10 DEGREES	C.
General:	3 ADULTS F	OUND IN 2 POOLS ON 7	JAN 2013.				
Owner/Manager:	SFPUC, PV	Г					
Occurrence No.	921	Map Index: B5266	EO Index:	118217		Element Last Seen:	2003-01-20
Occ. Rank:	Unknown	-	Presence:	Presumed Ext	ant	Site Last Seen:	2003-01-20
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2020-03-13
Quad Summary:	Keystone (3	712075)					
County Summary:	Stanislaus						
Lat/Long:	37.77283 / -	120.62123			Accuracy:	80 meters	
UTM:	Zone-10 N4	183276 E709508			Elevation (ft):	299	
PLSS:	T02S, R12E	, Sec. 11, SW (M)			Acres:	5.0	
Location:	W SIDE OF	WILMS RD, ABOUT 2.6 MI	LES NW OF TH	E ROCK RIVER	RD JUNCTION &	& 4.2 MI SE OF KNIGHTS FE	RRY.
Detailed Location:	SITE DESCI	RIPTION: "ISOLATED PON	D 2.59 MILES N	W OF ROCK RI	VER RD JUNCT		
Ecological:	ISOLATED F	POND WITH SILT AND VEC	GETATION SUB	STRATES.			
General:	4 FEMALE A	AND 9 MALE ADULTS DET	ECTED ON 20 J	AN 2003.			
Owner/Manager:	UNKNOWN						
Occurrence No.	922	Map Index: B5267	EO Index:	118219		Element Last Seen:	2003-01-20
Occ. Rank:	Unknown	·	Presence:	Presumed Ext	ant	Site Last Seen:	2003-01-20
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown		Record Last Updated:	2020-03-13
Quad Summary:	Keystone (3	712075)					
County Summary:	Stanislaus						
Lat/Long:	37.75137 / -	120.60291			Accuracy:	specific area	
UTM:	Zone-10 N4	180935 E711182			Elevation (ft):	251	
PLSS:	T02S, R12E	, Sec. 24, NW (M)			Acres:	9.0	
Location:	W SIDE OF	WILMS RD, ABOUT 0.8 MI	LES NW OF TH	E ROCK RIVER	RD JUNCTION &	& 6.0 MI SE OF KNIGHTS FE	RRY.
Looddiolli							
Detailed Location:		RIPTIONS: "ISOLATED PO	NDS 0.86 MILE	NW OF ROCK F	RIVER RD JUNC	T" & "ISOLATED POND 0.77	MILES NW OF
		RIPTIONS: "ISOLATED PO R RD JUNCT."	NDS 0.86 MILE	NW OF ROCK F	RIVER RD JUNC	T" & "ISOLATED POND 0.77	MILES NW OF
Detailed Location:	ROCK RIVE					T" & "ISOLATED POND 0.77	MILES NW OF





Linderiella occ California linderie						Element Co	de: ICBRA	406010
Listing Status:	Federal:	None		CND	DB Element Rank	ks: Global: G20	G3	
	State:	None				State: S2S	\$3	
	Other:	IUCN_NT-Near Threatened	I					
Habitat:	General:	SEASONAL POOLS IN UN SANDSTONE DEPRESSIC		SLANDS WITH	OLD ALLUVIAL	SOILS UNDERLAIN	N BY HARI	DPAN OR IN
	Micro:	WATER IN THE POOLS H	AS VERY LOW A	LKALINITY, C	ONDUCTIVITY, A	ND TOTAL DISSOL	LVED SOL	IDS.
Occurrence No.	35	Map Index: 33068	EO Index:	3701		Element Last	Seen:	1994-04-08
Occ. Rank:	Unknown		Presence:	Presumed Ex	tant	Site Last Seer	ו:	1994-04-08
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown		Record Last U	Jpdated:	1995-03-21
Quad Summary:	Bachelor \	/alley (3712087)						
County Summary:	Stanislaus							
Lat/Long:	37.98510/	/ -120.84158			Accuracy:	1/5 mile		
UTM:	Zone-10 N	4206360 E689552			Elevation (ft):	240		
PLSS:	T02N, R10	)E, Sec. 35, NE (M)			Acres:	0.0		
Detailed Location: Ecological: General: Owner/Manager:	COLLECT UNKNOW	ION #MW-94-33, DEPOSITE N	D AT DFG-IFD.					
Occurrence No.	36	Map Index: 33069	EO Index:	3702		Element Last	Seen:	1994-04-08
Occ. Rank:	Unknown		Presence:	Presumed Ex	tant	Site Last Seer	ו:	1994-04-08
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown		Record Last U	Jpdated:	1995-03-21
Quad Summary: County Summary:	Bachelor \ Stanislaus	/alley (3712087)						
Lat/Long:	37.99244 /	/ -120.84576			Accuracy:	1/5 mile		
UTM:	Zone-10 N	4207166 E689167			Elevation (ft):	220		
PLSS:	T02N, R10	DE, Sec. 26, SW (M)			Acres:	0.0		
Location:	EAST SID	E OF MILTON ROAD, 3.2 MI	LES NORTH OF	HIGHWAY 4, A	ABOUT 3 MILES S		٨.	
Detailed Location:								
Ecological:								
General:	COLLECT	ION #MW-94-34, DEPOSITE	D AT DFG-IFD.					



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Occurrence No.	482	Map Index: B5557	EO Index:	118526	Element Last Seen:	2013-02-26
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2013-02-26
Осс. Туре:	Natural/Nat	ive occurrence	Trend:	Unknown	Record Last Updated:	2020-05-26
Quad Summary:	Knights Fer	ry (3712076)				
County Summary:	Stanislaus					
Lat/Long:	37.75462 /	-120.72655		Accuracy:	specific area	
UTM:	Zone-10 N4	181023 E700279		Elevation (ft):	215	
PLSS:	T02S, R11E	E, Sec. 14, SE (M)		Acres:	3.0	
Location:	ALONG FO	GARTY ROAD AT SIERRA	RAILROAD, 6.6	MILES EAST OF OAKDALE.		
Detailed Location:				D 14-6. AT THE NW CORNER	OF SIERRA RAILROAD AND	FOGARTY
	· · ·	T) SOUTH OF HETCH HET				
Ecological:			OND ORCHARL	JS AROUND 2016.		
General:	-	D HERE ON 26 FEB 2013.				
Owner/Manager:	UNKNOWN					
Occurrence No.	483	Map Index: B5558	EO Index:	118527	Element Last Seen:	2013-02-04
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2013-02-04
Осс. Туре:	Natural/Nat	ive occurrence	Trend:	Unknown	Record Last Updated:	2020-05-29
Quad Summary:	Knights Fer	ry (3712076)				
County Summary:	Stanislaus					
_at/Long:	37.75955 /	-120.71927		Accuracy:	specific area	
UTM:	Zone-10 N4	181586 E700908		Elevation (ft):	239	
PLSS:	T02S, R11E	E, Sec. 13, SW (M)		Acres:	23.0	
Location:		TCH HETCHY AQUEDUCT F OAKDALE.	WHERE FOGA	RTY RD TURNS INTO WAMBL	E RD JUST E OF SIERRA RA	ILROAD, 6.9
Detailed Location:	MAPPED T SIERRA RA		ES FOR ABOUT	13 POOLS ALONG THE HET	CH HETCHY AQUEDUCT JUS	ST EAST OF
Ecological:	SOME POO	OLS APPEAR TO HAVE BEI	EN CONVERTE	TO ALMOND ORCHARDS A	ROUND 2016.	
General:	86 CYSTS	DETECTED IN 13 OF 62 PC	OLS IN AUG 20	11. FOUND HERE ON 7 JAN A	AND 4 FEB 2013.	
Owner/Manager:	UNKNOWN	1				
Lepidurus packa	ardi				Element Code: ICBR	A10010
vernal nool tadpole	shrimn					
vernal pool tadpole		Endangered		CNDDB Element Ra	nks: Global: G3	

	State:	None	State:	S3
	Other:	IUCN_EN-Endangered		
Habitat:	General:	INHABITS VERNAL POOLS AND SWALES IN THE SACRAMENTO VALLEY CO TURBID WATER.	ONTAININ	G CLEAR TO HIGHLY
	Micro:	POOLS COMMONLY FOUND IN GRASS-BOTTOMED SWALES OF UNPLOWE MUD-BOTTOMED AND HIGHLY TURBID.	ED GRASS	LANDS. SOME POOLS ARE



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Occurrence No.	64	Map Index: 34784	EO Index:	28654		Element Last Seen:	1993-XX-XX
Occ. Rank:	Unknown	•	Presence:	Presumed Ex	tant	Site Last Seen:	1993-XX-XX
Occ. Type:	Natural/Nativ	e occurrence	Trend:	Unknown		Record Last Updated:	1996-07-30
Quad Summary:	Oakdale (371	12077)					
County Summary:	Stanislaus	- )					
Lat/Long:	37.79096 / -1	20.86574			Accuracy:	80 meters	
UTM:	Zone-10 N41	84767 E687924			Elevation (ft):	185	
PLSS:	T02S, R10E,	Sec. 03 (M)			Acres:	0.0	
Location:	NNW OF OA	KDALE; IMMEDIATELY EA	ST OF VALLEY	HOME ROAD	AT BURNETT LA	TERAL.	
Detailed Location:	2 PARALLEL	DITCHES BETWEEN LAR	GE FISH PON	O AND HIGHWA	AY 120.		
Ecological:							
General:	NUNKNOWN	NUMBER OF TADPOLE S	SHRIMP COLLE	CTED; PROPE	RTY FOR SALE	ON 5/17/1993.	
Owner/Manager:	PVT						
Occurrence No.	65	Map Index: 34785	EO Index:	12639		Element Last Seen:	1993-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed Ex	tant	Site Last Seen:	1993-XX-XX
Occ. Type:	Natural/Nativ	e occurrence	Trend:	Unknown		Record Last Updated:	1996-07-30
Quad Summary:	Oakdale (371					•	
County Summary:	Stanislaus	2017)					
Lat/Long:	37.80133 / -1	20.83721			Accuracy:	80 meters	
UTM:		85976 E690409			Elevation (ft):	190	
PLSS:	T01S, R10E,				Acres:	0.0	
Location:		JRNETT LATERAL AT OLD	TULLOCH DR/	AIN; 850 FEET I	EAST OF TWEN	TY-EIGHT MILE ROAD; 0.5 M	IILE NORTH
Detailed Location:							
Ecological:	LARGE, SHA	LLOW, TEMPORARY PON	ND.				
General:	TADPOLE SI	HRIMP OBSERVED AND C	OLLECTED; D	ATA RECEIVED	FROM USFWS	IN 1996.	
Owner/Manager:	PVT						
Occurrence No.	102	Map Index: 33705	EO Index:	30658		Element Last Seen:	1993-03-09
Occ. Rank:	Unknown		Presence:	Presumed Ex	tant	Site Last Seen:	1993-03-09
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown		Record Last Updated:	1997-03-18
Quad Summary:	Oakdale (371	12077)					
County Summary:	Stanislaus	- )					
	Otamolado					0/5	
	37.76108 / -1	20.80255			Accuracy:	3/5 mile	
Lat/Long:	37.76108 / -1	20.80255 81580 E693566			Accuracy: Elevation (ft):	3/5 mile 200	
Lat/Long:	37.76108 / -1	81580 E693566			Accuracy: Elevation (ft): Acres:		
Lat/Long: UTM:	37.76108 / -1 Zone-10 N41 T02S, R11E,	81580 E693566	RA ROAD, ABO	UT 2 MILES ES	Elevation (ft): Acres:	200 0.0	
Lat/Long: UTM: PLSS:	37.76108 / -1 Zone-10 N41 T02S, R11E, VICINITY OF	81580 E693566 Sec. 18 (M)			Elevation (ft): Acres:	200 0.0	
Lat/Long: UTM: PLSS: Location:	37.76108 / -1 Zone-10 N41 T02S, R11E, VICINITY OF VERNAL PO	81580 E693566 Sec. 18 (M) WREN ROAD AND SIERR			Elevation (ft): Acres:	200 0.0	
Lat/Long: UTM: PLSS: Location: Detailed Location:	37.76108 / -1 Zone-10 N41 T02S, R11E, VICINITY OF VERNAL PO NATURAL VI	81580 E693566 Sec. 18 (M) WREN ROAD AND SIERR OLS LOCATED SOMEWHE ERNAL POOLS.	ERE IN SECTIC	DN 18.	Elevation (ft): Acres: E OF OAKDALE.	200 0.0	II OBSERVED.



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Occurrence No.	164	Map Index: 46009	EO Index:	46009	Element Last Seen:	2001-08-27
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2001-08-27
Осс. Туре:	Natural/Nat	tive occurrence	Trend:	Unknown	Record Last Updated:	2001-10-02
Quad Summary:	Knights Fer	rry (3712076)				
County Summary:	Stanislaus,	Tuolumne				
Lat/Long:	37.81954 /	-120.64529		Accuracy:	3/5 mile	
UTM:	Zone-10 N4	4188405 E707257		Elevation (ft):	460	
PLSS:	T01S, R12	E, Sec. 27 (M)		Acres:	0.0	
Location:	EAST OF K	KNIGHTS FERRY.				
Detailed Location:						
Ecological:	ERYNGIUN			DFLOW VERNAL POOL; VEGE TUS, DOWNINGIA ORNATISS		
General:	25 OVETE			SITED AT BOHART MUSEUM (	UCD).	
	2501515	COLLECTED ON 27 AUG 20	OUT AND DEL O		/	
Owner/Manager:	PVT	COLLECTED ON 27 AUG 2		Ň	,	
		Map Index: 95218	EO Index:	96355	Element Last Seen:	2013-02-26
Owner/Manager:	PVT			96355 Presumed Extant	, 	2013-02-26 2013-02-26
Owner/Manager: Occurrence No.	PVT 349 Excellent		EO Index:		Element Last Seen:	
Owner/Manager: Occurrence No. Occ. Rank:	PVT 349 Excellent Natural/Nat	Map Index: 95218	EO Index: Presence:	Presumed Extant	Element Last Seen: Site Last Seen:	2013-02-26
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	PVT 349 Excellent Natural/Nat	Map Index: 95218	EO Index: Presence:	Presumed Extant	Element Last Seen: Site Last Seen:	2013-02-26
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	PVT 349 Excellent Natural/Nat Knights Fer Stanislaus	Map Index: 95218	EO Index: Presence:	Presumed Extant	Element Last Seen: Site Last Seen:	2013-02-26
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	PVT 349 Excellent Natural/Nat Knights Fer Stanislaus 37.75920 /	Map Index: 95218 tive occurrence rry (3712076)	EO Index: Presence:	Presumed Extant Unknown	Element Last Seen: Site Last Seen: Record Last Updated:	2013-02-26
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	PVT 349 Excellent Natural/Nat Knights Fer Stanislaus 37.75920 / Zone-10 N4	Map Index: 95218 tive occurrence rry (3712076) -120.72066	EO Index: Presence:	Presumed Extant Unknown Accuracy:	Element Last Seen: Site Last Seen: Record Last Updated: specific area	2013-02-26
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	PVT 349 Excellent Natural/Nat Knights Fer Stanislaus 37.75920 / Zone-10 N4 T02S, R111 VICINITY C	Map Index: 95218 tive occurrence rry (3712076) -120.72066 4181544 E700785 E, Sec. 14 (M)	EO Index: Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Element Last Seen: Site Last Seen: Record Last Updated: specific area 240 59.0	2013-02-26 2015-02-24
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	PVT 349 Excellent Natural/Nat Knights Fer Stanislaus 37.75920 / Zone-10 N4 T02S, R111 VICINITY C AQUEDUC	Map Index: 95218 tive occurrence rry (3712076) -120.72066 4181544 E700785 E, Sec. 14 (M) DF HETCH HETCHY AQUEE	EO Index: Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: DGARTY RD AT THE SIERRA R	Element Last Seen: Site Last Seen: Record Last Updated: specific area 240 59.0	2013-02-26 2015-02-24
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	PVT 349 Excellent Natural/Nat Knights Fer Stanislaus 37.75920 / Zone-10 N4 T02S, R111 VICINITY C AQUEDUC CASHMAN VERNAL P PLANTS P	Map Index: 95218 tive occurrence rry (3712076) -120.72066 4181544 E700785 E, Sec. 14 (M) DF HETCH HETCHY AQUEE T CROSSING. CREEK STUDY AREA. MAI OOLS WITHIN HETCH HET	EO Index: Presence: Trend: DUCT, FROM FO PPED TO OCCU CHY AQUEDUC CURRED WITH	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: DGARTY RD AT THE SIERRA R JPIED POOLS. CT RIGHT-OF-WAY ON LAND U AMBYSTOMA CALIFORNIENS	Element Last Seen: Site Last Seen: Record Last Updated: specific area 240 59.0 R CROSSING TO WAMBLE F	2013-02-26 2015-02-24 RD AT THE
Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	PVT 349 Excellent Natural/Nat Knights Fer Stanislaus 37.75920 / Zone-10 N4 T02S, R111 VICINITY C AQUEDUC CASHMAN VERNAL P PLANTS PL BRANCHIN ADULTS FO	Map Index: 95218 tive occurrence rry (3712076) -120.72066 4181544 E700785 E, Sec. 14 (M) DF HETCH HETCHY AQUEE T CROSSING. CREEK STUDY AREA. MAI OOLS WITHIN HETCH HET RESENT. SPECIES CO-OCC JECTA LYNCHI CYSTS ALS	EO Index: Presence: Trend: DUCT, FROM FO PPED TO OCCL CHY AQUEDUC CURRED WITH SO FOUND ONS SAMPLED IN 20	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: DGARTY RD AT THE SIERRA R JPIED POOLS. CT RIGHT-OF-WAY ON LAND U AMBYSTOMA CALIFORNIENS	Element Last Seen: Site Last Seen: Record Last Updated: specific area 240 59.0 R CROSSING TO WAMBLE F SED FOR GRAZING; VP IND E LARVAE & LINDERIELLA C	2013-02-26 2015-02-24 RD AT THE





Desmocerus ca	lifornicus	dimorphus			Element Code: IICO	_48011
valley elderberry	longhorn beet	tle				
Listing Status:	Federal:	Threatened		CNDDB Element Ran	ks: Global: G3T3	
	State:	None			State: S3	
	Other:					
Habitat:	General:	OCCURS ONLY IN THE C (SAMBUCUS MEXICANA)		Y OF CALIFORNIA, IN ASSOCIA	ATION WITH BLUE ELDERB	ERRY
	Micro:	PREFERS TO LAY EGGS "STRESSED" ELDERBER		IES 2-8 INCHES IN DIAMETER;	SOME PREFERENCE SHO	WN FOR
Occurrence No.	219	Map Index: 90164	EO Index:	91175	Element Last Seen:	2009-12-02
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2009-12-02
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2013-08-20
Quad Summary:	Knights Fe	erry (3712076)				
County Summary:	Stanislaus	i				
Lat/Long:	37.81823 /	/ -120.66262		Accuracy:	80 meters	
		l4188222 E705734		Elevation (ft):	210	
UTM:	Zone-10 N	14100222 L703734		( )		
-		2E, Sec. 28, SW (M)		Acres:	0.0	
PLSS:	T01S, R12	2E, Sec. 28, SW (M)	I ESE OF KNIGH			
UTM: PLSS: Location: Detailed Location:	T01S, R12 ALONG S	2E, Sec. 28, SW (M) CHUPER RD, ABOUT 0.5 M		Acres:	OF LOVERS LEAP.	
PLSS: Location: Detailed Location:	T01S, R12 ALONG SO MAPPED ELDERBE	2E, Sec. 28, SW (M) CHUPER RD, ABOUT 0.5 M TO PROVIDED COORDINA RRY SHRUB LOCATED AT H 20 X 20 FT MAXIMUM CA	TES. NEAR 1820 THE SIDE OF A	Acres:	OF LOVERS LEAP. RY. OODLAND WAS ESTIMATE	
PLSS: Location: Detailed Location: Ecological:	T01S, R12 ALONG SC MAPPED ELDERBE TALL WIT ACTIVITIE	2E, Sec. 28, SW (M) CHUPER RD, ABOUT 0.5 M TO PROVIDED COORDINA RRY SHRUB LOCATED AT H 20 X 20 FT MAXIMUM CA	TES. NEAR 1820 THE SIDE OF A NOPY. SHRUB L	Acres: ITS FERRY (TOWN), 1.8 MI ENE I1 SHUPER RD, KNIGHTS FERF ROAD IN GRASSLAND/OAK WO	OF LOVERS LEAP. RY. OODLAND WAS ESTIMATE	
PLSS: Location: Detailed Location: Ecological: General:	T01S, R12 ALONG SC MAPPED ELDERBE TALL WIT ACTIVITIE	2E, Sec. 28, SW (M) CHUPER RD, ABOUT 0.5 M TO PROVIDED COORDINA RRY SHRUB LOCATED AT H 20 X 20 FT MAXIMUM CA S. DLES FOUND ON 2 DEC 200	TES. NEAR 1820 THE SIDE OF A NOPY. SHRUB L	Acres: ITS FERRY (TOWN), 1.8 MI ENE I1 SHUPER RD, KNIGHTS FERF ROAD IN GRASSLAND/OAK WO	OF LOVERS LEAP. RY. OODLAND WAS ESTIMATE	
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager:	T01S, R12 ALONG SC MAPPED ELDERBE TALL WITI ACTIVITIE 3 EXIT HC	2E, Sec. 28, SW (M) CHUPER RD, ABOUT 0.5 M TO PROVIDED COORDINA RRY SHRUB LOCATED AT H 20 X 20 FT MAXIMUM CA S. DLES FOUND ON 2 DEC 200	TES. NEAR 1820 THE SIDE OF A NOPY. SHRUB L	Acres: ITS FERRY (TOWN), 1.8 MI ENE I1 SHUPER RD, KNIGHTS FERF ROAD IN GRASSLAND/OAK WO	OF LOVERS LEAP. RY. OODLAND WAS ESTIMATE	
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No.	T01S, R12 ALONG SC MAPPED ELDERBE TALL WITI ACTIVITIE 3 EXIT HC UNKNOW	2E, Sec. 28, SW (M) CHUPER RD, ABOUT 0.5 M TO PROVIDED COORDINA RRY SHRUB LOCATED AT H 20 X 20 FT MAXIMUM CA S. DLES FOUND ON 2 DEC 200 N	TES. NEAR 1820 THE SIDE OF A NOPY. SHRUB U 09.	Acres: ITS FERRY (TOWN), 1.8 MI ENE 11 SHUPER RD, KNIGHTS FERF ROAD IN GRASSLAND/OAK WO JNDERGOES REGULAR PRUNI	E OF LOVERS LEAP. RY. OODLAND WAS ESTIMATE NG FROM PG&E AND ROA	D CLEARANCE
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	T01S, R12 ALONG SC MAPPED ELDERBE TALL WITI ACTIVITIE 3 EXIT HC UNKNOW 220 Unknown	2E, Sec. 28, SW (M) CHUPER RD, ABOUT 0.5 M TO PROVIDED COORDINA RRY SHRUB LOCATED AT H 20 X 20 FT MAXIMUM CA S. DLES FOUND ON 2 DEC 200 N	TES. NEAR 1820 THE SIDE OF A NOPY. SHRUB U 09. <b>EO Index:</b>	Acres: ITS FERRY (TOWN), 1.8 MI ENE I1 SHUPER RD, KNIGHTS FERF ROAD IN GRASSLAND/OAK WO JNDERGOES REGULAR PRUNI	E OF LOVERS LEAP. RY. OODLAND WAS ESTIMATE NG FROM PG&E AND ROA Element Last Seen:	2009-12-02
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	T01S, R12 ALONG SC MAPPED ELDERBE TALL WITI ACTIVITIE 3 EXIT HC UNKNOW 220 Unknown Natural/Na	2E, Sec. 28, SW (M) CHUPER RD, ABOUT 0.5 M TO PROVIDED COORDINA RRY SHRUB LOCATED AT H 20 X 20 FT MAXIMUM CA S. DLES FOUND ON 2 DEC 200 N Map Index: 90167	TES. NEAR 1820 THE SIDE OF A NOPY. SHRUB U 09. EO Index: Presence:	Acres: ITS FERRY (TOWN), 1.8 MI ENE 11 SHUPER RD, KNIGHTS FERR ROAD IN GRASSLAND/OAK WO JNDERGOES REGULAR PRUNI 91178 Presumed Extant	E OF LOVERS LEAP. RY. OODLAND WAS ESTIMATE NG FROM PG&E AND ROA Element Last Seen: Site Last Seen:	2009-12-02 2009-12-02
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	T01S, R12 ALONG SC MAPPED ELDERBE TALL WITI ACTIVITIE 3 EXIT HC UNKNOW 220 Unknown Natural/Na	2E, Sec. 28, SW (M) CHUPER RD, ABOUT 0.5 M TO PROVIDED COORDINA RRY SHRUB LOCATED AT H 20 X 20 FT MAXIMUM CA S. DLES FOUND ON 2 DEC 200 N Map Index: 90167 ative occurrence	TES. NEAR 1820 THE SIDE OF A NOPY. SHRUB U 09. EO Index: Presence:	Acres: ITS FERRY (TOWN), 1.8 MI ENE 11 SHUPER RD, KNIGHTS FERR ROAD IN GRASSLAND/OAK WO JNDERGOES REGULAR PRUNI 91178 Presumed Extant	E OF LOVERS LEAP. RY. OODLAND WAS ESTIMATE NG FROM PG&E AND ROA Element Last Seen: Site Last Seen:	2009-12-02 2009-12-02
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	T01S, R12 ALONG SC MAPPED ELDERBE TALL WITI ACTIVITIE 3 EXIT HC UNKNOW 220 Unknown Natural/Na Knights Fe Stanislaus	2E, Sec. 28, SW (M) CHUPER RD, ABOUT 0.5 M TO PROVIDED COORDINA RRY SHRUB LOCATED AT H 20 X 20 FT MAXIMUM CA S. DLES FOUND ON 2 DEC 200 N Map Index: 90167 ative occurrence	TES. NEAR 1820 THE SIDE OF A NOPY. SHRUB U 09. EO Index: Presence:	Acres: ITS FERRY (TOWN), 1.8 MI ENE 11 SHUPER RD, KNIGHTS FERR ROAD IN GRASSLAND/OAK WO JNDERGOES REGULAR PRUNI 91178 Presumed Extant	E OF LOVERS LEAP. RY. OODLAND WAS ESTIMATE NG FROM PG&E AND ROA Element Last Seen: Site Last Seen:	2009-12-02 2009-12-02
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	T01S, R12 ALONG S0 MAPPED ELDERBE TALL WITH ACTIVITIE 3 EXIT HC UNKNOW 220 Unknown Natural/Na Knights Fe Stanislaus 37.79005 /	2E, Sec. 28, SW (M) CHUPER RD, ABOUT 0.5 M TO PROVIDED COORDINAT RRY SHRUB LOCATED AT H 20 X 20 FT MAXIMUM CA S. DLES FOUND ON 2 DEC 200 N Map Index: 90167 ative occurrence	TES. NEAR 1820 THE SIDE OF A NOPY. SHRUB U 09. EO Index: Presence:	Acres: ITS FERRY (TOWN), 1.8 MI ENE 11 SHUPER RD, KNIGHTS FERE ROAD IN GRASSLAND/OAK WO JNDERGOES REGULAR PRUNI 91178 Presumed Extant Unknown	E OF LOVERS LEAP. RY. OODLAND WAS ESTIMATE NG FROM PG&E AND ROA Element Last Seen: Site Last Seen: Record Last Updated:	2009-12-02 2009-12-02
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	T01S, R12 ALONG S0 MAPPED ELDERBE TALL WITH ACTIVITIE 3 EXIT HC UNKNOW 220 Unknown Natural/Na Knights Fe Stanislaus 37.79005 / Zone-10 N	2E, Sec. 28, SW (M) CHUPER RD, ABOUT 0.5 M TO PROVIDED COORDINA RRY SHRUB LOCATED AT H 20 X 20 FT MAXIMUM CA S. DLES FOUND ON 2 DEC 200 N Map Index: 90167 ative occurrence erry (3712076)	TES. NEAR 1820 THE SIDE OF A NOPY. SHRUB U 09. EO Index: Presence:	Acres: ITS FERRY (TOWN), 1.8 MI ENE 11 SHUPER RD, KNIGHTS FERF ROAD IN GRASSLAND/OAK WO UNDERGOES REGULAR PRUNI 91178 Presumed Extant Unknown Accuracy:	E OF LOVERS LEAP. RY. OODLAND WAS ESTIMATE NG FROM PG&E AND ROA Element Last Seen: Site Last Seen: Record Last Updated: 80 meters	2009-12-02 2009-12-02
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	T01S, R12 ALONG S0 MAPPED ELDERBE TALL WITH ACTIVITIE 3 EXIT HC UNKNOW 220 Unknown Natural/Na Knights Fe Stanislaus 37.79005 / Zone-10 N T02S, R11	2E, Sec. 28, SW (M) CHUPER RD, ABOUT 0.5 M TO PROVIDED COORDINAT RRY SHRUB LOCATED AT H 20 X 20 FT MAXIMUM CA S. DLES FOUND ON 2 DEC 200 N Map Index: 90167 Ative occurrence erry (3712076) 4 (-120.74438) 14184918 E698612 1E, Sec. 03 (M)	TES. NEAR 1820 THE SIDE OF A NOPY. SHRUB U 09. EO Index: Presence: Trend:	Acres: ITS FERRY (TOWN), 1.8 MI ENE ITS FERRY (TOWN), 1.8 MI ENE ITS HUPER RD, KNIGHTS FERE ROAD IN GRASSLAND/OAK WO JNDERGOES REGULAR PRUNI 91178 Presumed Extant Unknown Accuracy: Elevation (ft):	E OF LOVERS LEAP. RY. OODLAND WAS ESTIMATE NG FROM PG&E AND ROA Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 150 0.0	2009-12-02 2009-12-02
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	T01S, R12 ALONG SC MAPPED ELDERBE TALL WITI ACTIVITIE 3 EXIT HC UNKNOW 220 Unknown Natural/Na Knights Fe Stanislaus 37.79005 / Zone-10 N T02S, R11 ABOUT 0.	2E, Sec. 28, SW (M) CHUPER RD, ABOUT 0.5 M TO PROVIDED COORDINAT RRY SHRUB LOCATED AT H 20 X 20 FT MAXIMUM CA S. DLES FOUND ON 2 DEC 200 N Map Index: 90167 Ative occurrence erry (3712076) 4 (-120.74438 H4184918 E698612 HE, Sec. 03 (M) 2 MI WNW OF OLIVE RD AT	TES. NEAR 1820 THE SIDE OF A NOPY. SHRUB U )9. EO Index: Presence: Trend:	Acres: ITS FERRY (TOWN), 1.8 MI ENE ITS FERRY (TOWN), 1.8 MI ENE ROAD IN GRASSLAND/OAK WO JNDERGOES REGULAR PRUNI 91178 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	E OF LOVERS LEAP. RY. OODLAND WAS ESTIMATE NG FROM PG&E AND ROA Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 150 0.0 LLE CITY HALL.	2009-12-02 2009-12-02 2013-08-20
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	T01S, R12 ALONG S0 MAPPED ELDERBE TALL WITH ACTIVITIE 3 EXIT HC UNKNOW 220 Unknown Natural/Na Knights Fe Stanislaus 37.79005 / Zone-10 N T02S, R11 ABOUT 0 MAPPED	2E, Sec. 28, SW (M) CHUPER RD, ABOUT 0.5 M TO PROVIDED COORDINA RRY SHRUB LOCATED AT H 20 X 20 FT MAXIMUM CA S. DLES FOUND ON 2 DEC 200 N Map Index: 90167 Ative occurrence Prry (3712076) 4 4184918 E698612 IE, Sec. 03 (M) 2 MI WNW OF OLIVE RD AT TO PROVIDED COORDINA RRY SHRUB LOCATED AT	TES. NEAR 1820 THE SIDE OF A NOPY. SHRUB U )9. EO Index: Presence: Trend: T ORANGE BLOS TES. NEAR DRIV THE SIDE OF A	Acres: ITS FERRY (TOWN), 1.8 MI ENE ITS FERRY (TOWN), 1.8 MI ENE ITS HUPER RD, KNIGHTS FERE ROAD IN GRASSLAND/OAK WO JNDERGOES REGULAR PRUNI 91178 91178 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: SSOM RD, 6 MI ENE OF OAKDA	E OF LOVERS LEAP. RY. OODLAND WAS ESTIMATE NG FROM PG&E AND ROA Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 150 0.0 LE CITY HALL. SE BLOSSOM RD, OAKDALE WAS ESTIMATED TO BE 18	2009-12-02 2009-12-02 2013-08-20
PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	T01S, R12 ALONG S0 MAPPED ELDERBE TALL WITH ACTIVITIE 3 EXIT HC UNKNOW 220 Unknown Natural/Na Knights Fe Stanislaus 37.79005 / Zone-10 N T02S, R11 ABOUT 0.: MAPPED	2E, Sec. 28, SW (M) CHUPER RD, ABOUT 0.5 M TO PROVIDED COORDINA RRY SHRUB LOCATED AT H 20 X 20 FT MAXIMUM CA S. DLES FOUND ON 2 DEC 200 N Map Index: 90167 Ative occurrence Prry (3712076) 4 4184918 E698612 IE, Sec. 03 (M) 2 MI WNW OF OLIVE RD AT TO PROVIDED COORDINA RRY SHRUB LOCATED AT	TES. NEAR 1820 THE SIDE OF A NOPY. SHRUB U D9. EO Index: Presence: Trend: Torange BLOS TES. NEAR DRIV THE SIDE OF A UB UNDERGOE	Acres: ITS FERRY (TOWN), 1.8 MI ENE ITS FERRY (TOWN), 1.8 MI ENE ITS FERRY (TOWN), 1.8 MI ENE ITS FERRY (TOWN), 1.8 MI ENE ROAD IN GRASSLAND/OAK WO JNDERGOES REGULAR PRUNI 91178 91178 91178 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: SSOM RD, 6 MI ENE OF OAKDA /EWAY GATE AT 13537 ORANG ROAD IN RESIDENTIAL AREA	E OF LOVERS LEAP. RY. OODLAND WAS ESTIMATE NG FROM PG&E AND ROA Element Last Seen: Site Last Seen: Record Last Updated: 80 meters 150 0.0 LE CITY HALL. SE BLOSSOM RD, OAKDALE WAS ESTIMATED TO BE 18	2009-12-02 2009-12-02 2013-08-20





Rhaphiomidas	trochilus					Elemer	nt Code: IIDIP	05010
San Joaquin Vall	ey giant flowe	r-loving fly						
Listing Status:	Federal:	None		CNDDB Element	Ranks:	Global:	G1	
	State:	None				State:	S1	
	Other:							
Habitat:	General:	ANTIOCH DUNES IN CON	TRA ĆOSTA CC	EMIC TO, SANDY SOILS O SOUTH TO SAND RIDGE I ID SAND DUNES WITH REL	N KERN	CO. ASS	OCIATED WITH	H SANDY
	Micro:	FEMALES DEPOSIT EGGS	S IN AND ON TH	IFE SPAN IS ABOUT 3 DAY E SURFACE OF SANDY SC E FOR 3 YEARS PRIOR TO	IL. LAR	VAE BUR		
Occurrence No.	3	Map Index: 12533	EO Index:	121295		Element	Last Seen:	1961-08-24
Occ. Rank:	None		Presence:	Extirpated		Site Last	Seen:	1961-08-24
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Decreasing		Record L	ast Updated:	2022-07-05
Quad Summary:	Oakdale (	3712077)						
County Summary:	Stanislaus							
Lat/Long:	37.76742	/ -120.85327		Accuracy:	1	mile		
UTM:	Zone-10 N	l4182180 E689081		Elevation (ff	: <b>):</b> 15	50		
PLSS:	T02S, R10	)E, Sec. 15 (M)		Acres:	0.	0		
Location:	OAKDALE							
Detailed Location:		NON-SPECIFICALLY TO TO Y COLLECTED FROM SAND			NLY NOT	TED AS "C	DAKDALE" (CA	ZIER 1985).
Ecological:		CIES WAS THOUGHT TO BE THE SPECIES WAS REDISC						
General:	1 MALE C	OLLECTED BY GRAHAM ON	N 24 AUG 1961.					
Owner/Manager:	UNKNOW	Ν						



**California Natural Diversity Database** 



#### Element Code: IIHYM24260 Bombus pensylvanicus American bumble bee CNDDB Element Ranks: Global: G3G4 Listing Status: Federal: None S2 State: None State: IUCN\_VU-Vulnerable Other: Habitat: General: Micro: LONG-TONGUED: FORAGES ON A WIDE VARIETY OF FLOWERS INCLUDING VETCHES (VICIA), CLOVERS (TRIFOLIUM), THISTLES (CIRSIUM), SUNFLOWERS (HELIANTHUS), ETC. NESTS ABOVE GROUND UNDER LONG GRASS OR UNDERGROUND. QUEENS OVERWINTER IN ROTTEN WOOD OR UNDERGROUND Occurrence No. 91 EO Index: Element Last Seen: Map Index: 32807 124191 1957-08-09 Occ. Rank: Unknown Presence: Presumed Extant Site Last Seen: 1957-08-09 Natural/Native occurrence Trend: Unknown **Record Last Updated:** 2023-06-19 Occ. Type: **Quad Summary:** Knights Ferry (3712076) **County Summary:** Stanislaus 37.81844 / -120.67240 1 mile Lat/Long: Accuracy: UTM: Zone-10 N4188223 E704873 Elevation (ft): 150 T01S, R12E, Sec. 29 (M) PLSS: Acres: 0.0 Location: KNIGHTS FERRY. **Detailed Location:** EXACT LOCATION UNKNOWN. MAPPED NON-SPECIFICALLY TO TOWN OF KNIGHTS FERRY. **Ecological:** 1 ADULT COLLECTED BY S. FULLERTON ON 18 JUL 1956. 1 ADULT COLLECTED BY S. FULLERTON ON 12 MAY 1957. 1 General: ADULT COLLECTED BY S. FULLERTON ON 19 JUN 1957. 3 ADULTS COLLECTED BY S. FULLERTON ON 9 AUG 1957. **Owner/Manager:** UNKNOWN Element Code: ILARAU8020 Calicina breva Stanislaus harvestman Listing Status: CNDDB Element Ranks: Global: G1 Federal: None State: None State: **S**1 Other: Habitat: General: KNOWN ONLY FROM THE TYPE LOCALITY, 1.6 KM SOUTH OF KNIGHT'S FERRY, STANISLAUS COUNTY. FOUND UNDER BASALT ROCKS IN GRASSLAND. Micro: Occurrence No. 1 Map Index: 59463 EO Index: 59499 **Element Last Seen:** 1967-04-11 Occ. Rank: Unknown Presence: Presumed Extant Site Last Seen: 1967-04-11 Natural/Native occurrence Trend: Unknown **Record Last Updated:** 2005-01-19 Occ. Type: **Quad Summary:** Knights Ferry (3712076) **County Summary:** Stanislaus Lat/Long: 37.80414 / -120.67121 Accuracy: 2/5 mile Zone-10 N4186639 E705017 UTM: Elevation (ft): 320 PLSS: T01S, R12E, Sec. 32 (M) Acres: 0.0 1 MILE SOUTH OF KNIGHTS FERRY. Location: **Detailed Location: Ecological:** FOUND UNDER BASALT ROCKS IN A GRASSLAND. General: HOLOTYPE MALE, ALLOTYPE FEMALE, AND THREE MALE AND TWO FEMALE PARATYPES. Owner/Manager: UNKNOWN





Anodonta calif	orniensis				Eleme	nt Code: IMBI	/04220
California floater							
Listing Status:	Federal:	None		CNDDB Element Ranks	s: Global:	G3	
	State:	None			State:	S2?	
	Other:	USFS_S-Sensitive					
Habitat:	General:	FRESHWATER LAKES AN SPECIALISTS.	ID SLOW-MOVIN	IG STREAMS AND RIVERS. TAX	ONOMY UNI	DER REVIEW B	3Y
	Micro:	GENERALLY IN SHALLOV	V WATER.				
Occurrence No.	1	Map Index: 47242	EO Index:	47242	Element	Last Seen:	1999-01-20
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last	Seen:	1999-01-20
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record L	ast Updated:	2002-02-19
Quad Summary:	Keystone	(3712075), New Melones Dai	m (3712085)				
County Summary:	Calaveras	, Tuolumne					
Lat/Long:	37.89725	/ -120.57003		Accuracy:	non-specific	c area	
UTM:	Zone-10 N	4197199 E713658		Elevation (ft):	505		
PLSS:	T01N, R13	3E, Sec. 32 (M)		Acres:	992.1		
Location:	TULLOCK	LAKE.					
Detailed Location:	FOUND A	ROUND THE MARGINS OF	THE LAKE DURI	NG DRAWDOWN. FOUND ON TH	HE ROCK AN	ND SAND/SILT	BOTTOM.
Ecological:	LAKE USE	ED FOR RECREATION AND	AGRICULTURA	AND DOMESTIC WATER SUPP	LY.		
General:		NTER THE LAKE IS DRAWN ED IN CAS.	DOWN FROM 5	09 FT TO 500 FT EXPOSING THE	E MUSSELS	. THREE SPEC	IMENS TO BE
Owner/Manager:	PVT						





Monadenia mo	rmonum b	uttoni				Element Code: IMGA	ASC7071
Button's Sierra si	deband						
Listing Status:	Federal:	None		CNE	DB Element Rank	s: Global: G2T1T2	
	State:	None				State: S1S2	
	Other:	IUCN_DD-Data Deficient					
Habitat:	General:	KNOWN FROM THE CENT	FRAL SIERRA N	EVADA COUN	ITIES.		
	Micro:						
Occurrence No.	1	Map Index: 13132	EO Index:	23077		Element Last Seen:	XXXX-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last Seen:	XXXX-XX-XX
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown		Record Last Updated:	2005-11-29
Quad Summary:	Angels Ca	mp (3812015), Salt Spring Va	alley (3812016)				
County Summary:	Calaveras						
Lat/Long:	38.03686	/ -120.62326			Accuracy:	1 mile	
UTM:	Zone-10 N	4212571 E708581			Elevation (ft):	1520	
PLSS:	T02N, R12	2E, Sec. 11, SW (M)			Acres:	0.0	
Location:	NASSAU	VALLEY.					
Detailed Location:	RARE AN	D WITH A LIMITED DISTRIB	UTION.				
Ecological:							
General:	TYPE #73	630, ANSP.					
Owner/Manager:	UNKNOW	Ν					
Occurrence No.	4	Map Index: 64072	EO Index:	64167		Element Last Seen:	2001-04-09
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last Seen:	2001-04-09
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown		Record Last Updated:	2006-02-27
Quad Summary:	Knights Fe	erry (3712076)					
County Summary:	Calaveras	, Tuolumne					
Lat/Long:	37.84068	/ -120.64195			Accuracy:	1/10 mile	
UTM:	Zone-10 N	4190759 E707492			Elevation (ft):	254	
PLSS:	T01S, R12	2E, Sec. 22, NW (M)			Acres:	0.0	
Location:	TWO MILE	E BAR ON THE SOUTH SIDE	OF THE STAN	SLAUS RIVER	R. ABOUT 2 MILES	NORTHEAST OF KNIGHTS	S FERRY.
Detailed Location:							
Ecological:	HABITAT	IS A RIPARIAN AREA.					
General:	1 ADULT a	& 2 OTHERS (LIFE STAGE G	GIVEN AS "MULT	I") OBSERVE	D/COLLECTED ON	N 9 APR 2001 BY B. ROTH.	
Owner/Manager:	UNKNOW	N					





Monadenia mol		irsuta				Eleme	nt Code: IMGA	SC7072
hirsute Sierra side				0.17			0.074	
Listing Status:		None		CNL	DDB Element Ranks		-	
	State:	None				State:	S1	
	Other:	BLM_S-Sensitive, IUCN_D						
Habitat:	General:	KNOWN ONLY FROM A F	EW BASALIIC C	DUTCROPS IN	I TUOLUMNE COUR	NIY.		
	Micro:							
Occurrence No.	1	Map Index: 13332	EO Index:	23072		Element	Last Seen:	XXXX-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed E	Extant	Site Last	Seen:	XXXX-XX-XX
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown		Record L	ast Updated:	2005-11-29
Quad Summary:	Sonora (37	12084), New Melones Dam	(3712085)					
County Summary:	Tuolumne							
Lat/Long:	37.89353 /	-120.48606			Accuracy:	1 mile		
UTM:	Zone-10 N	4196982 E721053			Elevation (ft):	1400		
PLSS:	T01N, R14	E, Sec. 31, SW (M)			Acres:	0.0		
		N PASS. NEAR STATE HW	Y 108 APPROX 5	5 MI SW OF JA	AMES TOWN.			
Location:	WOUNTAI							
Location: Detailed Location:	MOUNTAI							
		TED WITH THE BASALT OF	TABLE MOUNT	AIN; SHELLS	FOUND AMONG LC	OSE ROCK	S AT THE BAS	E OF BLACK
Detailed Location:	ASSOCIAT LAVA CLIF	TED WITH THE BASALT OF						
Detailed Location: Ecological:	ASSOCIAT LAVA CLIF	TED WITH THE BASALT OF F. #2639; PARATYPES #2640						
Detailed Location: Ecological: General:	ASSOCIAT LAVA CLIF CAS TYPE	TED WITH THE BASALT OF F. #2639; PARATYPES #2640				OLLECTED B		
Detailed Location: Ecological: General: Owner/Manager:	ASSOCIAT LAVA CLIF CAS TYPE UNKNOWI	TED WITH THE BASALT OF F. #2639; PARATYPES #2640 N	0-41; ANSP #142	2003; TYPE LC	DT (CAS #21513) CC	OLLECTED B	BY HANNA ANE	BIXFORD.
Detailed Location: Ecological: General: Owner/Manager: Occurrence No.	ASSOCIAT LAVA CLIF CAS TYPE UNKNOWI 3 Good	TED WITH THE BASALT OF F. #2639; PARATYPES #2640 N	0-41; ANSP #142 EO Index:	2003; TYPE LC 59840	DT (CAS #21513) CC	DLLECTED B Element Site Last	BY HANNA ANE	9 BIXFORD. 2001-02-07
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	ASSOCIAT LAVA CLIF CAS TYPE UNKNOWI 3 Good Natural/Na	TED WITH THE BASALT OF F. #2639; PARATYPES #2640 N Map Index: 59804	0-41; ANSP #142 EO Index: Presence: Trend:	59840 Presumed E Unknown	DT (CAS #21513) CC	Element Site Last Record L	BY HANNA ANE Last Seen: Seen:	2001-02-07 2001-02-07
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	ASSOCIAT LAVA CLIF CAS TYPE UNKNOWI 3 Good Natural/Na	TED WITH THE BASALT OF F. #2639; PARATYPES #2640 N <b>Map Index:</b> 59804 tive occurrence	0-41; ANSP #142 EO Index: Presence: Trend:	59840 Presumed E Unknown	DT (CAS #21513) CC	Element Site Last Record L	BY HANNA ANE Last Seen: Seen:	2001-02-07 2001-02-07
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	ASSOCIAT LAVA CLIF CAS TYPE UNKNOWI 3 Good Natural/Na Chinese Ca Tuolumne	TED WITH THE BASALT OF F. #2639; PARATYPES #2640 N <b>Map Index:</b> 59804 tive occurrence	0-41; ANSP #142 EO Index: Presence: Trend:	59840 Presumed E Unknown	DT (CAS #21513) CC	Element Site Last Record L	BY HANNA ANE Last Seen: Seen: .ast Updated:	2001-02-07 2001-02-07
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	ASSOCIAT LAVA CLIF CAS TYPE UNKNOWI 3 Good Natural/Na Chinese Ca Tuolumne 37.87726 /	TED WITH THE BASALT OF F. #2639; PARATYPES #2640 N Map Index: 59804 tive occurrence amp (3712074), Keystone (3	0-41; ANSP #142 EO Index: Presence: Trend:	59840 Presumed E Unknown	DT (CAS #21513) CC	Element Site Last Record L 712085)	BY HANNA ANE Last Seen: Seen: .ast Updated:	2001-02-07 2001-02-07
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	ASSOCIAT LAVA CLIF CAS TYPE UNKNOWN 3 Good Natural/Na Chinese Ca Tuolumne 37.87726 / Zone-10 N	TED WITH THE BASALT OF F. # #2639; PARATYPES #2640 N Map Index: 59804 tive occurrence amp (3712074), Keystone (3 -120.50258	0-41; ANSP #142 EO Index: Presence: Trend:	59840 Presumed E Unknown	DT (CAS #21513) CC Extant ew Melones Dam (3) Accuracy:	Element Site Last Record L 712085)	BY HANNA ANE Last Seen: Seen: .ast Updated:	2001-02-07 2001-02-07
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	ASSOCIAT LAVA CLIF CAS TYPE UNKNOWI 3 Good Natural/Na Chinese Ca Tuolumne 37.87726 / Zone-10 N T01S, R13	TED WITH THE BASALT OF F. #2639; PARATYPES #2640 N Map Index: 59804 tive occurrence amp (3712074), Keystone (3 -120.50258 4195137 E719648 E, Sec. 02, SE (M) DUNTAIN, ABOVE ANDREW	0-41; ANSP #142 EO Index: Presence: Trend: 0712075), Sonora	2003; TYPE LC 59840 Presumed E Unknown (3712084), No	DT (CAS #21513) CC Extant ew Melones Dam (3) Accuracy: Elevation (ft): Acres:	Element Site Last Record L 712085) non-specific 1300 70.6	SY HANNA ANE Last Seen: Seen: .ast Updated:	D BIXFORD. 2001-02-07 2001-02-07 2006-07-07
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	ASSOCIAT LAVA CLIF CAS TYPE UNKNOWN 3 Good Natural/Na Chinese Ca Tuolumne 37.87726 / Zone-10 N T01S, R13 TABLE MC RESERVO	TED WITH THE BASALT OF F. #2639; PARATYPES #2640 N Map Index: 59804 tive occurrence amp (3712074), Keystone (3 -120.50258 4195137 E719648 E, Sec. 02, SE (M) DUNTAIN, ABOVE ANDREW	0-41; ANSP #142 EO Index: Presence: Trend: 3712075), Sonora	59840 Presumed E Unknown (3712084), No	OT (CAS #21513) CC Extant ew Melones Dam (3) Accuracy: Elevation (ft): Acres: COF HIGHWAY 120/	Element Site Last Record L 712085) non-specific 1300 70.6	SY HANNA ANE	2001-02-07 2001-02-07 2006-07-07
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	ASSOCIAT LAVA CLIF CAS TYPE UNKNOWN 3 Good Natural/Na Chinese Ca Tuolumne 37.87726 / Zone-10 N T01S, R13 TABLE MC RESERVO LOCATED	TED WITH THE BASALT OF F. #2639; PARATYPES #2640 N Map Index: 59804 tive occurrence amp (3712074), Keystone (3 -120.50258 4195137 E719648 E, Sec. 02, SE (M) DUNTAIN, ABOVE ANDREW IR.	0-41; ANSP #142 EO Index: Presence: Trend: 3712075), Sonora	2003; TYPE LC 59840 Presumed E Unknown (3712084), No IE EAST SIDE REEK; IN YOS	OT (CAS #21513) CC Extant ew Melones Dam (3) Accuracy: Elevation (ft): Acres: COF HIGHWAY 120/ EMITE ESTATES S	Element Site Last Record L 712085) non-specific 1300 70.6	SY HANNA ANE	2001-02-07 2001-02-07 2006-07-07
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	ASSOCIAT LAVA CLIF CAS TYPE UNKNOWN 3 Good Natural/Na Chinese Ca Tuolumne 37.87726 / Zone-10 N T01S, R13 TABLE MC RESERVO LOCATED HABITAT ( SEVERAL	TED WITH THE BASALT OF F. #2639; PARATYPES #2640 Map Index: 59804 tive occurrence amp (3712074), Keystone (3 -120.50258 4195137 E719648 E, Sec. 02, SE (M) DUNTAIN, ABOVE ANDREW IR. IN RUBBLE BY CLIFF ABO	D-41; ANSP #142 EO Index: Presence: Trend: 712075), Sonora // CREEK, ON TH VE ANDREW CF BLE AT THE BAS	2003; TYPE LC 59840 Presumed E Unknown (3712084), No (3712084), No (3712084), No EEEK; IN YOS EE OF TABLE	DT (CAS #21513) CC Extant ew Melones Dam (3) Accuracy: Elevation (ft): Acres: COF HIGHWAY 120/ EMITE ESTATES S MOUNTAIN.	Element Site Last Record L 712085) non-specific 1300 70.6 108, SE OF UBDIVISION	BY HANNA ANE Last Seen: Seen: .ast Updated: carea NEW MELONE .	9 BIXFORD. 2001-02-07 2001-02-07 2006-07-07 S



#### **California Natural Diversity Database**



Scopelophila c	ataractae				Element Code: NBM	US6U010
tongue-leaf copp						
Listing Status:		None		CNDDB Element Ran	ks: Global: G3G4	
5	State:	None			State: S1	
	Other:	Rare Plant Rank - 2B.2				
Habitat:	General:	CISMONTANE WOODLAN	ND.			
	Micro:	MOSS ON METAMORPHI		ON SOIL. 400 M.		
Occurrence No.	1	Map Index: 45681	EO Index:	45681	Element Last Seen:	XXXX-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	XXXX-XX-XX
Occ. Type:		ative occurrence	Trend:	Unknown	Record Last Updated:	2010-06-08
						_010 00 00
Quad Summary:		olis (3712086)				
County Summary:	Calaveras					
Lat/Long:		/ -120.63436		Accuracy:	1/5 mile	
UTM:		I4205470 E707787		Elevation (ft):	1000	
PLSS:	T01N, R12	2E, Sec. 03 (M)		Acres:	0.0	
FL33.		; eee: ee ()				
Location:		COVERY MINE AT COPPER	OPOLIS.			
	OLD DISC			OUTH OF COPPEROPOLIS.		
Location:	OLD DISC MAPPED	OVERY MINE AT COPPER		OUTH OF COPPEROPOLIS.		
Location: Detailed Location:	OLD DISC MAPPED OLD COP	COVERY MINE AT COPPER BY CNDDB AT DISCOVERY PER DIGS.	Y MINE, JUST SC	OUTH OF COPPEROPOLIS. RENCE IS AN UNDATED STEEN	I COLLECTION. NEEDS FIEL	DWORK.
Location: Detailed Location: Ecological:	OLD DISC MAPPED OLD COP	COVERY MINE AT COPPER BY CNDDB AT DISCOVERY PER DIGS. UCE OF INFORMATION FO	Y MINE, JUST SC		I COLLECTION. NEEDS FIEI	DWORK.
Location: Detailed Location: Ecological: General:	OLD DISC MAPPED OLD COP ONLY SO UNKNOW	COVERY MINE AT COPPER BY CNDDB AT DISCOVERY PER DIGS. UCE OF INFORMATION FO	Y MINE, JUST SC		I COLLECTION. NEEDS FIEL	
Location: Detailed Location: Ecological: General: Owner/Manager:	OLD DISC MAPPED OLD COP ONLY SO UNKNOW	COVERY MINE AT COPPER BY CNDDB AT DISCOVERY PER DIGS. UCE OF INFORMATION FO	Y MINE, JUST SC			
Location: Detailed Location: Ecological: General: Owner/Manager: <b>Eryngium pinn</b>	OLD DISC MAPPED OLD COP ONLY SOU UNKNOW atisectum	COVERY MINE AT COPPER BY CNDDB AT DISCOVERY PER DIGS. UCE OF INFORMATION FO	Y MINE, JUST SC		Element Code: PDA	
Location: Detailed Location: Ecological: General: Owner/Manager: <b>Eryngium pinn</b> Tuolumne button	OLD DISC MAPPED OLD COP ONLY SOU UNKNOW atisectum	COVERY MINE AT COPPER BY CNDDB AT DISCOVERY PER DIGS. UCE OF INFORMATION FO N	Y MINE, JUST SC	RENCE IS AN UNDATED STEEN	Element Code: PDA	
Location: Detailed Location: Ecological: General: Owner/Manager: <b>Eryngium pinn</b> Tuolumne button	OLD DISC MAPPED OLD COP ONLY SO UNKNOW atisectum -celery Federal:	COVERY MINE AT COPPER BY CNDDB AT DISCOVERY PER DIGS. UCE OF INFORMATION FO N	Y MINE, JUST SC	RENCE IS AN UNDATED STEEN	Element Code: PDAF	
Location: Detailed Location: Ecological: General: Owner/Manager: <b>Eryngium pinn</b> Tuolumne button	OLD DISC MAPPED OLD COP ONLY SOU UNKNOW atisectum -celery Federal: State:	COVERY MINE AT COPPER BY CNDDB AT DISCOVERY PER DIGS. UCE OF INFORMATION FO N None None Rare Plant Rank - 1B.2, SI	Y MINE, JUST SC OR THIS OCCURF	RENCE IS AN UNDATED STEEN	Element Code: PDAF ks: Global: G2 State: S2	
Location: Detailed Location: Ecological: General: Owner/Manager: <i>Eryngium pinn</i> Tuolumne button Listing Status:	OLD DISC MAPPED OLD COP ONLY SOU UNKNOW atisectum -celery Federal: State: Other:	OVERY MINE AT COPPER BY CNDDB AT DISCOVERY PER DIGS. UCE OF INFORMATION FO N None Rare Plant Rank - 1B.2, SI VERNAL POOLS, CISMO	Y MINE, JUST SC OR THIS OCCURF B_UCSC-UC San NTANE WOODL4	RENCE IS AN UNDATED STEEN	Element Code: PDAF ks: Global: G2 State: S2 FEROUS FOREST.	PIOZOPO
Location: Detailed Location: Ecological: General: Owner/Manager: <i>Eryngium pinn</i> Tuolumne button Listing Status:	OLD DISC MAPPED OLD COP ONLY SOU UNKNOW atisectum -celery Federal: State: Other: General:	OVERY MINE AT COPPER BY CNDDB AT DISCOVERY PER DIGS. UCE OF INFORMATION FO N None Rare Plant Rank - 1B.2, SI VERNAL POOLS, CISMO	Y MINE, JUST SC OR THIS OCCURF B_UCSC-UC San NTANE WOODL4	RENCE IS AN UNDATED STEEN CNDDB Element Ran	Element Code: PDAF ks: Global: G2 State: S2 FEROUS FOREST.	PIOZOPO
Location: Detailed Location: Ecological: General: Owner/Manager: Eryngium pinn Tuolumne button Listing Status: Habitat:	OLD DISC MAPPED OLD COP ONLY SOU UNKNOW atisectum -celery Federal: State: Other: General: Micro:	OVERY MINE AT COPPER BY CNDDB AT DISCOVERY PER DIGS. UCE OF INFORMATION FO N None Rare Plant Rank - 1B.2, SI VERNAL POOLS, CISMO VOLCANIC SOILS; VERN	Y MINE, JUST SC OR THIS OCCURF B_UCSC-UC San NTANE WOODL AL POOLS AND	RENCE IS AN UNDATED STEEN CNDDB Element Ran ata Cruz AND, LOWER MONTANE CONIF MESIC SITES WITHIN OTHER N	Element Code: PDAF ks: Global: G2 State: S2 FEROUS FOREST. NATURAL COMMUNTIES. 65	PI0Z0P0 -915 M.
Location: Detailed Location: Ecological: General: Owner/Manager: <i>Eryngium pinn</i> Tuolumne button Listing Status: Habitat: Occurrence No.	OLD DISC MAPPED OLD COP ONLY SOU UNKNOW atisectum -celery Federal: State: Other: General: Micro: 6 Unknown	OVERY MINE AT COPPER BY CNDDB AT DISCOVERY PER DIGS. UCE OF INFORMATION FO N None Rare Plant Rank - 1B.2, SI VERNAL POOLS, CISMO VOLCANIC SOILS; VERN	Y MINE, JUST SC OR THIS OCCURF B_UCSC-UC San NTANE WOODL/ AL POOLS AND EO Index:	CNDDB Element Ran	Element Code: PDAF ks: Global: G2 State: S2 FEROUS FOREST. NATURAL COMMUNTIES. 65 Element Last Seen:	-915 M. 1983-04-06
Location: Detailed Location: Ecological: General: Owner/Manager: Eryngium pinn Tuolumne button Listing Status: Habitat: Occurrence No. Occ. Rank:	OLD DISC MAPPED OLD COP ONLY SOU UNKNOW atisectum r-celery Federal: State: Other: General: Micro: 6 Unknown Natural/Na	COVERY MINE AT COPPER BY CNDDB AT DISCOVERY PER DIGS. UCE OF INFORMATION FO N None Rare Plant Rank - 1B.2, SI VERNAL POOLS, CISMOI VOLCANIC SOILS; VERN Map Index: 57532	Y MINE, JUST SC THIS OCCURF B_UCSC-UC San NTANE WOODLA AL POOLS AND EO Index: Presence: Trend:	CNDDB Element Ran CNDDB Element Ran ata Cruz AND, LOWER MONTANE CONIF MESIC SITES WITHIN OTHER N 57548 Presumed Extant	Element Code: PDAF ks: Global: G2 State: S2 FEROUS FOREST. NATURAL COMMUNTIES. 65 Element Last Seen: Site Last Seen:	-915 M. 1983-04-06 1983-04-06

Lat/Long:	37.88039 / -120.50069	Accuracy:	specific area
UTM:	Zone-10 N4195489 E719805	Elevation (ft):	1250
PLSS:	T01S, R13E, Sec. 01, SW (M)	Acres:	2.5
Location:	SOUTHWEST OF YOSEMITE JUNCTION; ABOUT 4 MI SOUTH OF	NEW MELONES L	AKE, TUOLUMNE COUNTY.
Detailed Location:	ON TABLELAND ABOUT 1/4 MI EAST OF HIGHWAY 120/108. NW 1 OF SE 1/4 OF SECTION 2.	/4 OF SW 1/4 OF S	SECTION 1, AND EXTENDS INTO NE 1/4
Ecological:	VERNAL POOL. FOUND WITH RANUNCULUS MURICATUS AND D	ELPHINIUM SPP.	
General:	ALSO ATTRIBUTED TO THIS SITE IS ANOTHER 1983 ROGERS SO RED HILLS DEVELOPMENT, THIS 1983 SOURCE ALSO INCLUDES		ES T-R-S OF 1S 13E SEC 1. OWNER IS

Commercial Version -- Dated November, 1 2024 -- Biogeographic Data Branch Report Printed on Monday, November 18, 2024

PVT

Owner/Manager:



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Occurrence No.	9 <b>Map</b>	Index: 57543	EO Index:	57559		Element Last Seen:	1983-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed Extant		Site Last Seen:	1983-XX-XX
Осс. Туре:	Natural/Native occur	rrence	Trend:	Unknown		Record Last Updated:	2004-10-21
Quad Summary:	Sonora (3712084), N	New Melones Dam (3	712085)				
County Summary:	Tuolumne						
Lat/Long:	37.89557 / -120.495	78		Acc	uracy:	non-specific area	
UTM:	Zone-10 N4197185	E720191		Elev	vation (ft):	1250	
PLSS:	T01N, R13E, Sec. 3	6 (M)		Acre	es:	650.0	
Location:	YOSEMITE JUNCT	ON AREA; ABOUT 3	B MI SOUTH OF	NEW MELONES L	AKE.		
Detailed Location:	SOURCE ONLY GIV	/ES SEC 36 OF T 1N	I, R 13E.				
Ecological:	SERPENTINE VERI	NAL POOL.					
General:	NEEDS FIELDWOR	К.					
Owner/Manager:	PVT?						
Occurrence No	10 <b>Man</b>	Index: 57551	EO Index:	57567		Flement I ast Seen:	2006-XX-XX
Occurrence No. Occ. Rank:	10 Map Excellent	Index: 57551	EO Index: Presence:	57567 Presumed Extant		Element Last Seen: Site Last Seen:	
Occ. Rank:	•						
Occ. Rank: Occ. Type:	Excellent Natural/Native occur	rrence	Presence:	Presumed Extant		Site Last Seen:	2006-XX-XX
Occ. Rank: Occ. Type: Quad Summary:	Excellent	rrence	Presence:	Presumed Extant		Site Last Seen:	2006-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Excellent Natural/Native occur Copperopolis (37120	rrence 086)	Presence:	Presumed Extant Unknown	uracy:	Site Last Seen:	2006-XX-XX
Occ. Rank:	Excellent Natural/Native occur Copperopolis (37120 Calaveras	rrence 086) 49	Presence:	Presumed Extant Unknown Acc	uracy: vation (ft):	Site Last Seen: Record Last Updated:	2006-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Excellent Natural/Native occur Copperopolis (37120 Calaveras 37.96931 / -120.654	rrence 086) 49 E706028	Presence:	Presumed Extant Unknown Acc	vation (ft):	Site Last Seen: Record Last Updated: specific area	2006-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Excellent Natural/Native occur Copperopolis (37120 Calaveras 37.96931 / -120.654 Zone-10 N4205006 T01N, R12E, Sec. 0	rrence 086) 49 E706028	Presence: Trend:	Presumed Extant Unknown Acc Elev Acre	vation (ft): es:	Site Last Seen: Record Last Updated: specific area 980 3.0	2006-XX-XX
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Excellent Natural/Native occur Copperopolis (37120 Calaveras 37.96931 / -120.654 Zone-10 N4205006 T01N, R12E, Sec. 0 ABOUT 1 AIR MILE 1.1 MILES SOUTHW	rrence 086) 49 E706028 4, NE (M) SOUTHWEST OF C VEST FROM JUNCT	Presence: Trend: OPPEROPOLIS	Presumed Extant Unknown Acc Elev Acre S IN VICINITY OF S VAY 4 AND ROCK C	vation (ft): es: AWMILL CR CREEK ROAL	Site Last Seen: Record Last Updated: specific area 980 3.0	2006-XX-XX 2010-07-06
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Excellent Natural/Native occur Copperopolis (37120 Calaveras 37.96931 / -120.654 Zone-10 N4205006 T01N, R12E, Sec. 0 ABOUT 1 AIR MILE 1.1 MILES SOUTHV MAPPED BY CNDD GRASSY SLOPE, S	rrence 086) 49 E706028 4, NE (M) SOUTHWEST OF C VEST FROM JUNCT B AS THREE POLYC	Presence: Trend: OPPEROPOLIS ION OF HIGHV GONS ACCOR	Presumed Extant Unknown Acc Elev S IN VICINITY OF S VAY 4 AND ROCK C DING TO A 2007 MA	vation (ft): es: AWMILL CR CREEK ROAI	Site Last Seen: Record Last Updated: specific area 980 3.0 EEK. D ON HIGHWAY 4. FOUR CO	2006-XX-XX 2010-07-06
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Excellent Natural/Native occur Copperopolis (37120 Calaveras 37.96931 / -120.654 Zone-10 N4205006 T01N, R12E, Sec. 0 ABOUT 1 AIR MILE 1.1 MILES SOUTHV MAPPED BY CNDD GRASSY SLOPE, S RUMEX, LOTUS, BO UNKNOWN NUMBE COPPEROPOLIS A	rrence 286) 49 E706028 4, NE (M) SOUTHWEST OF C VEST FROM JUNCT B AS THREE POLYC OUTH-FACING, WIT DISDUVALIA, AND C ER OF PLANTS OBSI	Presence: Trend: OPPEROPOLIS ION OF HIGHV GONS ACCOR TH SMALL VER ENTAURIUM. ERVED IN 198 1958 COLLECT	Presumed Extant Unknown Acc Elev Acre S IN VICINITY OF S VAY 4 AND ROCK C DING TO A 2007 MA NAL DRAINAGE ST 7 AND 2006. 1921 C	vation (ft): es: AWMILL CR CREEK ROAI AP FROM NO TREAMBED.	Site Last Seen: Record Last Updated: specific area 980 3.0 EEK. D ON HIGHWAY 4. FOUR CO DRTH FORK ASSOCIATES.	DLONIES UNCUS, CY FROM



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Occurrence No.	13	Map Index: 57561	EO Index:	57577		Element Last Seen:	1987-05-30
Occ. Rank:	Poor		Presence:	Presumed Extan	nt	Site Last Seen:	1987-05-30
Осс. Туре:	Natural/Nat	tive occurrence	Trend:	Unknown		Record Last Updated:	2004-10-21
Quad Summary:	Salt Spring	Valley (3812016)					
County Summary:	Calaveras						
Lat/Long:	38.02007 /	-120.74519		Ac	ccuracy:	non-specific area	
UTM:	Zone-10 N4	4210442 E697924		El	levation (ft):	1080	
PLSS:	T02N, R11	E, Sec. 15, SE (M)		Ac	cres:	42.8	
Location:	JUST SE C	OF SALT SPRINGS VALLEY I	RESERVOIR; C	ALAVERAS COUN	NTY.		
Detailed Location:	ABOUT 1.2	2 MI FROM INTERSECTION	OF ROCK CRE	EK ROAD AND EN	NTRANCE TO	RESERVOIR. SE 1/4 OF SE	1/4 OF SEC 15.
Ecological:	VERNAL P	OOL; OPEN, GRASSY, SLIG	HTLY SLOPIN	G. FOUND WITH C	OTHER ERYNO	GIUM SPP.	
General:		ITS EXIST OUTSIDE THE VE GENERALLY "SALT SPRIN				TIONS ATTRIBUTED TO TH	IS SITE
Owner/Manager:	UNKNOWN		GG VALLET KL	SERVOIR AND	300111 OF		
Occurrence No.	14	Map Index: 57562	EO Index:	57578		Element Last Seen:	2001-06-08
Occurrence No. Occ. Rank:	14 Good	Map Index: 57562	EO Index: Presence:	57578 Presumed Extan	nt	Element Last Seen: Site Last Seen:	2001-06-08 2001-06-08
	Good	Map Index: 57562			nt		
Occ. Rank:	Good Natural/Nat	·	Presence:	Presumed Extan	nt	Site Last Seen:	2001-06-08
Occ. Rank: Occ. Type:	Good Natural/Nat	tive occurrence	Presence:	Presumed Extan	nt	Site Last Seen:	2001-06-08
Occ. Rank: Occ. Type: Quad Summary:	Good Natural/Nat Salt Spring Calaveras	tive occurrence	Presence:	Presumed Extan Unknown	nt ccuracy:	Site Last Seen:	2001-06-08
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Good Natural/Nat Salt Spring Calaveras 38.00560 /	tive occurrence Valley (3812016)	Presence:	Presumed Extan Unknown		Site Last Seen: Record Last Updated:	2001-06-08
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Good Natural/Nat Salt Spring Calaveras 38.00560 / Zone-10 N4	tive occurrence Valley (3812016) -120.66539	Presence:	Presumed Extan Unknown Ac	ccuracy:	Site Last Seen: Record Last Updated: 80 meters	2001-06-08
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Good Natural/Nat Salt Spring Calaveras 38.00560 / Zone-10 N4 T02N, R12	tive occurrence Valley (3812016) -120.66539 4209009 E704970	Presence: Trend:	Presumed Extan Unknown Ac Ela	ccuracy: levation (ft): cres:	Site Last Seen: Record Last Updated: 80 meters 1100 0.0	2001-06-08
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Good Natural/Nat Salt Spring Calaveras 38.00560 / Zone-10 N4 T02N, R12 2 MI NORT	tive occurrence Valley (3812016) -120.66539 4209009 E704970 E, Sec. 21, SW (M)	Presence: Trend:	Presumed Extan Unknown Ac Ele Ac	ccuracy: levation (ft): cres: 'HERN SALT S	Site Last Seen: Record Last Updated: 80 meters 1100 0.0 PRING VALLEY.	2001-06-08
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Good Natural/Nat Salt Spring Calaveras 38.00560 / Zone-10 N4 T02N, R12 2 MI NORT MAPPED A	tive occurrence Valley (3812016) -120.66539 4209009 E704970 E, Sec. 21, SW (M) TH OF COPPEROPOLIS ALO	Presence: Trend: MG ROCK CRE	Presumed Extan Unknown Ac El Ac EEK ROAD; SOUTI MAP PROVIDED	ccuracy: levation (ft): cres: 'HERN SALT S IN SW1/4 OF 3	Site Last Seen: Record Last Updated: 80 meters 1100 0.0 PRING VALLEY. SW1/4 SEC 21.	2001-06-08 2010-07-01
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Good Natural/Nat Salt Spring Calaveras 38.00560 / Zone-10 N4 T02N, R120 2 MI NORT MAPPED A SWALES A	tive occurrence Valley (3812016) -120.66539 4209009 E704970 E, Sec. 21, SW (M) TH OF COPPEROPOLIS ALO ACCORDING TO UTM COOR	Presence: Trend: ONG ROCK CRE DINATES AND NS. FOUND WIT	Presumed Extan Unknown Ac El Ac EEK ROAD; SOUTI MAP PROVIDED	ccuracy: levation (ft): cres: 'HERN SALT S IN SW1/4 OF 3	Site Last Seen: Record Last Updated: 80 meters 1100 0.0 PRING VALLEY. SW1/4 SEC 21.	2001-06-08 2010-07-01



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a	10			57005		
Occurrence No.	18	Map Index: 57589	EO Index:	57605 December 1 Federal	Element Last Seen:	1984-06-18
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1984-06-18
Осс. Туре:	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2004-10-25
Quad Summary:	Salt Spring V	/alley (3812016)				
County Summary:	Calaveras					
Lat/Long:	38.00741 / -1	20.69467		Accuracy:	non-specific area	
UTM:	Zone-10 N42	209145 E702394		Elevation (ft):	1200	
PLSS:	T02N, R12E,	, Sec. 19, SE (M)		Acres:	40.6	
Location:	UPPER LITT COPPEROP		AGE; SOUTH E	ND OF SALT SPRING VALLEY,	ABOUT 2.7AIR MI NW OF	
Detailed Location:				<i>I</i> . "2.7 AIR MILES SW OF COPP DB ACCORDING TO GIVEN T-F		
Ecological:	DOWNINGIA		JM FLORIBUNE	YNGIUM CASTRENSE, ISOETE DUM, CICENDIA QUADRANGUL 'C.	,	,
General:	PLANTS LO	CALLY COMMON IN 1984.	NEEDS FIELD	WORK.		
Owner/Manager:	UNKNOWN					
Occurrence No.	22	Mars In Jac. 70000		80241		
	22	Map Index: 79266	EO Index:	60Z4T	Element Last Seen:	1992-05-22
Occ. Rank:	22 Unknown	<b>Map Index:</b> 79266	EO Index: Presence:	Presumed Extant	Element Last Seen: Site Last Seen:	1992-05-22 1992-05-22
Occ. Rank: Occ. Type:	Unknown	map index: 79266				
	Unknown	e occurrence	Presence:	Presumed Extant	Site Last Seen:	1992-05-22
Осс. Туре:	Unknown Natural/Nativ	e occurrence	Presence:	Presumed Extant	Site Last Seen:	1992-05-22
Occ. Type: Quad Summary:	Unknown Natural/Nativ Copperopolis	re occurrence s (3712086)	Presence:	Presumed Extant	Site Last Seen:	1992-05-22
Occ. Type: Quad Summary: County Summary:	Unknown Natural/Nativ Copperopolis Calaveras 37.96357 / -1	re occurrence s (3712086)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	1992-05-22
Occ. Type: Quad Summary: County Summary: Lat/Long:	Unknown Natural/Nativ Copperopolis Calaveras 37.96357 / -1 Zone-10 N42	e occurrence s (3712086) 120.66657	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: specific area	1992-05-22
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Unknown Natural/Nativ Copperopolis Calaveras 37.96357 / -1 Zone-10 N42 T01N, R12E,	re occurrence s (3712086) 120.66657 204342 E704983 , Sec. 04, SW (M) JNNAMED TRIBUTARY BE	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: specific area 900 10.0	1992-05-22 2020-04-30
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Unknown Natural/Nativ Copperopolis Calaveras 37.96357 / -1 Zone-10 N42 T01N, R12E, ALONG AN IO OF COPPER MAPPED BY APEX OF FL	re occurrence (3712086) 120.66657 204342 E704983 , Sec. 04, SW (M) UNNAMED TRIBUTARY BE ROPOLIS. ( CNDDB ACCORDING TO	Presence: Trend: Trend: TWEEN HIGH WRITTEN DES TY. THE SOUT	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 900 10.0 E, ABOUT 1.5-2 AIR MILES Se S SOUTHWEST OF THE NO	1992-05-22 2020-04-30 OUTHWEST
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Unknown Natural/Nativ Copperopolis Calaveras 37.96357 / -1 Zone-10 N42 T01N, R12E, ALONG AN IO OF COPPER MAPPED BY APEX OF FL	e occurrence (3712086) 20.66657 204342 E704983 Sec. 04, SW (M) JNNAMED TRIBUTARY BE COPOLIS. CNDDB ACCORDING TO OWERS RANCH PROPER	Presence: Trend: Trend: TWEEN HIGH WRITTEN DES TY. THE SOUT	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: VAY 4 AND HORSESHOE LANE CRIPTION: 0.47 AND 0.77 MILE	Site Last Seen: Record Last Updated: specific area 900 10.0 E, ABOUT 1.5-2 AIR MILES Se S SOUTHWEST OF THE NO	1992-05-22 2020-04-30 OUTHWEST
Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Unknown Natural/Nativ Copperopolis Calaveras 37.96357 / -1 Zone-10 N42 T01N, R12E, ALONG AN I OF COPPER MAPPED BY APEX OF FL FORMED BY ABOUT 5 PL	re occurrence s (3712086) 120.66657 204342 E704983 , Sec. 04, SW (M) JNNAMED TRIBUTARY BE ROPOLIS. CNDDB ACCORDING TO OWERS RANCH PROPER ( IMPOUNDING THE TRIBU	Presence: Trend: Trend: ETWEEN HIGHV WRITTEN DES TY. THE SOUT JTARY. CH COLONY IN	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: WAY 4 AND HORSESHOE LANE CRIPTION: 0.47 AND 0.77 MILE HWESTERN COLONY IS AT TH	Site Last Seen: Record Last Updated: specific area 900 10.0 E, ABOUT 1.5-2 AIR MILES SA S SOUTHWEST OF THE NO E NORTHWEST EDGE OF A	1992-05-22 2020-04-30 OUTHWEST OUTHWEST ORTHERN A POND



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Occurrence No.	23 Map Index: 7926	68 EO Index:	80243	Element Last Seen:	2006-XX-XX
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:	2006-XX-XX
Осс. Туре:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:	2010-07-02
Quad Summary:	Copperopolis (3712086)				
County Summary:	Calaveras				
Lat/Long:	37.96043 / -120.64742		Accuracy:	specific area	
UTM:	Zone-10 N4204035 E706675		Elevation (ft):	800	
PLSS:	T01N, R12E, Sec. 03, SW (M)		Acres:	1.0	
Location:	SAWMILL CREEK, ABOUT 0.3 A	AIR MILE SOUTH OF T	HE LAKE AND 1.75 AIR MILES	SOUTHWEST OF ABBOTTS	PEAK.
Detailed Location:	MAPPED IN THE SW 1/4 OF TH	E SW 1/4 OF SECTION	N 3.		
Ecological:					
General:	UNKNOWN NUMBER OF PLAN	TS OBSERVED IN 200	6. NEEDS POPULATION INFO.		
Owner/Manager:	PVT				
Occurrence No.	24 Map Index: 7926	69 EO Index:	80244	Element Last Seen:	1992-05-22
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:	1992-05-22
Осс. Туре:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:	2010-07-02
Quad Summary:	Copperopolis (3712086)				
County Summary:	Calaveras				
Lat/Long:	37.95302 / -120.64136		Accuracy:	specific area	
UTM:	Zone-10 N4203227 E707228		Elevation (ft):	800	
PLSS:	T01N, R12E, Sec. 10, E (M)		Acres:	12.0	
Location:	SAWMILL CREEK, ABOUT 1 AII	R MILE SSE OF THE L	AKE AND 1.9 AIR MILES SSW C	F ABBOTTS PEAK.	
Detailed Location:	4 COLONIES MAPPED BY CND 0.56, AND 0.67 MILES SSE OF THE CREEK, S COLONY ON TH	THE POINT WHICH IT			
Ecological:					
General:	1992: THE 0.53 MILE LOCALITY PLANT EACH.	(CENTER OF THE NO	ORTHERN POLYGON) HAD 4 PI	LANTS; REMAINING COLON	IES HAD 1
Owner/Manager:	PVT				



# Multiple Occurrences per Page

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#### **California Natural Diversity Database**



Occurrence No.	25	Map Index: 79270	EO Index:	80245	Element Last Seen:	2007-05-31
Occ. Rank:	Fair		Presence:	Presumed Extant	Site Last Seen:	2007-05-31
Осс. Туре:	Natural/Native	e occurrence	Trend:	Unknown	Record Last Updated:	2020-05-01
Quad Summary:	Copperopolis	(3712086)				
County Summary:	Calaveras					
Lat/Long:	37.94361 / -12	20.63526		Accuracy:	80 meters	
UTM:	Zone-10 N420	02196 E707790		Elevation (ft):	690	
PLSS:	T01N, R12E,	Sec. 15, NE (M)		Acres:	0.0	
Location:	2.6 AIR MILE	S SOUTH OF COPPEROP	OLIS, ON EAST	BANK OF SAWMILL CREEK.		
Detailed Location:	MAPPED IN 1	THE NE 1/4 OF THE NE 1/4	OF SECTION	15.		
Ecological:	LYTHRUM HY			SEEP. ASSOCIATED WITH HO S, RANUNCULUS MURICATUS		
General:	30 PLANTS C	DBSERVED IN 2007.				
Owner/Manager:	PVT					
Occurrence No.	28	Map Index: B5366	EO Index:	118328	Element Last Seen:	2013-04-16
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2013-04-16
Осс. Туре:	Natural/Native	e occurrence	Trend:	Unknown	Record Last Updated:	2020-04-30
Quad Summary:	Angels Camp	(3812015)				
County Summary:	Calaveras					
Lat/Long:	38.06753 / -12	20.61442		Accuracy:	specific area	
UTM:	Zone-10 N422	15995 E709270		Elevation (ft):	1215	
PLSS:	T03N, R12E,	Sec. 35, SE (M)		Acres:	2.0	
Location:	APPROXIMA	TELY 70 FEET SOUTH OF	STATE ROUT	E 4 AND 1 MILE NE OF STALLI	ON WAY, NNE OF ELKHORN	I STATION.
Detailed Location:	MAPPED ACC	CORDING TO A 2013 SCU	DIERE MAP, IN	THE NE 1/4 OF THE SE 1/4 O	F SECTION 35.	
Ecological:		Y ADJACENT TO AND WIT	THIN WATERM	AN CREEK. OCCURS IN OPEN	N PASTURE LAND HABITAT	ASSOCIATED
General:		OBSERVED IN 2013.				
	106 PLANTS	OBSERVED IN 2013.				
Owner/Manager:	106 PLANTS PVT	OBSERVED IN 2013.				
	PVT		FO Index:	118329	Element Last Seen	2013-05-14
Occurrence No.	PVT 29	Map Index: B5367	EO Index: Presence:	118329 Presumed Extant	Element Last Seen: Site Last Seen:	2013-05-14
	PVT	Map Index: B5367	EO Index: Presence: Trend:	118329 Presumed Extant Unknown	Element Last Seen: Site Last Seen: Record Last Updated:	2013-05-14 2013-05-14 2020-04-30
Occurrence No. Occ. Rank: Occ. Type:	PVT 29 Good Natural/Native	Map Index: B5367	Presence:	Presumed Extant	Site Last Seen:	2013-05-14
Occurrence No. Occ. Rank:	PVT 29 Good	Map Index: B5367	Presence:	Presumed Extant	Site Last Seen:	2013-05-14
Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	PVT 29 Good Natural/Native Angels Camp	Map Index: B5367 e occurrence (3812015)	Presence:	Presumed Extant	Site Last Seen:	2013-05-14
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	PVT 29 Good Natural/Native Angels Camp Calaveras 38.05842 / -12	Map Index: B5367 e occurrence (3812015)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2013-05-14
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	PVT 29 Good Natural/Native Angels Camp Calaveras 38.05842 / -12 Zone-10 N421	Map Index: B5367 e occurrence (3812015) 20.61875	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: specific area	2013-05-14
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	PVT 29 Good Natural/Native Angels Camp Calaveras 38.05842 / -12 Zone-10 N421 T02N, R12E, 1	Map Index: B5367 e occurrence (3812015) 20.61875 14974 E708916 Sec. 2, NE (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: specific area 1440 5.0	2013-05-14 2020-04-30
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	PVT 29 Good Natural/Native Angels Camp Calaveras 38.05842 / -12 Zone-10 N421 T02N, R12E, APPROXIMA	Map Index: B5367 e occurrence (3812015) 20.61875 14974 E708916 Sec. 2, NE (M) TELY 150 FEET EAST OF S	Presence: Trend: STATE ROUTE	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 1440 5.0 LLION WAY, NNE OF ELKHO	2013-05-14 2020-04-30
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	PVT 29 Good Natural/Native Angels Camp Calaveras 38.05842 / -12 Zone-10 N421 T02N, R12E, APPROXIMAT MAPPED ACC IMMEDIATEL	Map Index: B5367 e occurrence (3812015) 20.61875 14974 E708916 Sec. 2, NE (M) TELY 150 FEET EAST OF S CORDING TO A 2013 SCUI Y ADJACENT TO AND WIT	Presence: Trend: STATE ROUTE DIERE MAP, IN THIN A WETLA	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: 4 AND 0.38 MILE NE OF STA	Site Last Seen: Record Last Updated: specific area 1440 5.0 LLION WAY, NNE OF ELKHO DF SECTION 2. RY TO WATERMAN CREEK.	2013-05-14 2020-04-30 RN STATION.
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	PVT 29 Good Natural/Native Angels Camp Calaveras 38.05842 / -12 Zone-10 N421 T02N, R12E, APPROXIMA MAPPED ACC IMMEDIATEL OPEN PASTU	Map Index: B5367 e occurrence (3812015) 20.61875 14974 E708916 Sec. 2, NE (M) TELY 150 FEET EAST OF S CORDING TO A 2013 SCUI Y ADJACENT TO AND WIT	Presence: Trend: STATE ROUTE DIERE MAP, IN THIN A WETLA	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: 4 AND 0.38 MIILE NE OF STA THE NW 1/4 OF THE NE 1/4 C ND FEATURE AND A TRIBUTA	Site Last Seen: Record Last Updated: specific area 1440 5.0 LLION WAY, NNE OF ELKHO DF SECTION 2. RY TO WATERMAN CREEK.	2013-05-14 2020-04-30 RN STATION.

Commercial Version -- Dated November, 1 2024 -- Biogeographic Data Branch Report Printed on Monday, November 18, 2024





Eryngium racel					Eleme	nt Code: PDAF	PI0Z0S0
Listing Status:	Federal: State:	None Endangered		CNDDB Element Ranks	: Global: State:	G1 S1	
Habitat:	Other: General: Micro:	Rare Plant Rank - 1B.1 RIPARIAN SCRUB. SEASONALLY INUNDATED	FLOODPLAIN	ON CLAY. 1-335 M.		-	
Occurrence No.	34	Map Index: 51504	EO Index:	51504	Element	Last Seen:	1971-09-22
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last	Seen:	1971-09-22
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown	Record L	ast Updated:	2008-09-15
Quad Summary: County Summary:	Salt Spring Calaveras	y Valley (3812016), Jenny Lind	(3812017)				
Lat/Long:	38.02634 /	/ -120.76050		Accuracy:	non-specific	c area	
UTM:	Zone-10 N	4211104 E696564		Elevation (ft):	1100		
PLSS:	T02N, R11	E, Sec. 16 (M)		Acres:	814.9		
Location:	MARGIN C	OF SALT SPRING VALLEY RES	SERVOIR.				
Detailed Location:	EXACT LC	CATION UNKNOWN. MAPPEI	D IN VICINITY	OF RESERVOIR MARGIN.			
Ecological:	SEASONA	LLY INUNDATED MARGIN OF	RESERVOIR	, SANDY GRAVEL FLAT.			
General:		SOURCE OF INFORMATION THIS MAY BE E. VASEYI VAR		ECTION BY SHEIKH & CONSTAN	ICE. ID UNC	ERTAIN; PRES	STON
Owner/Manager:	UNKNOW	N					



#### **California Natural Diversity Database**



Element Code: PDAPI0Z0Y0

#### Eryngium spinosepalum

	•							
spiny-sepaled bu						<b>.</b>	00	
Listing Status:		None		CNDDB Eleme	ent Ranks:		-	
	State:	None				State:	S2	
	Other:	Rare Plant Rank - 1B.2, BL	M_S-Sensitive, S	SB_SBBG-Santa Barbara	a Botanic Ga	arden		
Habitat:	General:	VERNAL POOLS, VALLEY	AND FOOTHILL	GRASSLAND.				
	Micro:	SOME SITES ON CLAY SO	OIL OF GRANITI	C ORIGIN; VERNAL PO	OLS, WITH	IN GRASS	LAND. 15-1270	М.
Occurrence No.	24	Map Index: 40385	EO Index:	35392		Element	Last Seen:	1994-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed Extant		Site Last	Seen:	1994-XX-XX
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown		Record L	ast Updated:	1998-12-14
Quad Summary:	New Melor	nes Dam (3712085)						
County Summary:	Calaveras	, Tuolumne						
Lat/Long:	37.89636 /	/ -120.55026		Accurac	<b>:y:</b> 1	1 mile		
UTM:	Zone-10 N	4197145 E715399		Elevatio	on (ft): 9	900		
PLSS:	T01N, R13	3E, Sec. 33 (M)		Acres:		0.0		
Location:		OF SHOTGUN CREEK, EAS S RESERVOIR.	T OF TULLOCH	RESERVOIR AND SOU	THWEST C	OF TABLE N	MOUNTAIN. SV	V OF NEW
Detailed Location:	WITHIN S	ITE OF PROPOSED SHOTG N CREEK, BETWEEN THE T				IOWN, BUT	Г MAPPED IN A	AREA OF
Ecological:	GLANNIA	ROSTRATA IS IN THE GENE	ERAL AREA.					
-	-	ECOLOGICAL INFORMATIC		R THIS SITE.				
General: Owner/Manager:	MAP AND PVT			R THIS SITE.		Eleme	nt Code: PDAF	2118080
General: Owner/Manager:	MAP AND PVT			R THIS SITE.		Eleme	nt Code: PDAF	PI1B0B0
General: Owner/Manager: Lomatium cong	MAP AND PVT gdonii			R THIS SITE.	ent Ranks:			PI1B0B0
General: Owner/Manager: Lomatium cong Congdon's lomati	MAP AND PVT gdonii	ECOLOGICAL INFORMATIO			ent Ranks:			PI1B0B0
General: Owner/Manager: Lomatium cong Congdon's lomati	MAP AND PVT gdonii ium Federal:	ECOLOGICAL INFORMATIO None None Rare Plant Rank - 1B.2, BL	DN NEEDED FO	CNDDB Elemo SB_SBBG-Santa Barbara		Global: State:	G2	PI1B0B0
General: Owner/Manager: Lomatium cong Congdon's lomati	MAP AND PVT gdonii ium Federal: State:	ECOLOGICAL INFORMATIO	DN NEEDED FO	CNDDB Elemo SB_SBBG-Santa Barbara		Global: State:	G2	PI1B0B0
General: Owner/Manager: Lomatium cong Congdon's lomati Listing Status:	MAP AND PVT gdonii um Federal: State: Other:	ECOLOGICAL INFORMATIO None None Rare Plant Rank - 1B.2, BL	DN NEEDED FO	<b>CNDDB Elem</b> SB_SBBG-Santa Barbara	a Botanic Ga	Global: State: arden	G2 S2	PI1B0B0
General: Owner/Manager: Lomatium cong Congdon's lomati Listing Status: Habitat:	MAP AND PVT gdonii um Federal: State: Other: General:	ECOLOGICAL INFORMATIO None None Rare Plant Rank - 1B.2, BL CISMONTANE WOODLAN	DN NEEDED FO	<b>CNDDB Elem</b> SB_SBBG-Santa Barbara	a Botanic Ga	Global: State: arden PINES. 33	G2 S2	
General: Owner/Manager: Lomatium cong Congdon's lomati Listing Status: Habitat: Occurrence No.	MAP AND PVT gdonii ium Federal: State: Other: General: Micro:	ECOLOGICAL INFORMATION None None Rare Plant Rank - 1B.2, BL CISMONTANE WOODLAN SERPENTINE SOILS WITH	DN NEEDED FO M_S-Sensitive, S ID, CHAPARRAL H SERPENTINE	<b>CNDDB Elem</b> SB_SBBG-Santa Barbara  CHAPARRAL PLANTS <i>I</i>	a Botanic Ga	Global: State: arden PINES. 33	G2 S2 5-625 M. Last Seen:	PI1B0B0 1975-XX-XX 1975-XX-XX
General: Owner/Manager: Lomatium cong Congdon's lomati Listing Status: Habitat: Occurrence No. Occ. Rank:	MAP AND PVT Gdonii ium Federal: State: Other: General: Micro: 15 Unknown	ECOLOGICAL INFORMATION None None Rare Plant Rank - 1B.2, BL CISMONTANE WOODLAN SERPENTINE SOILS WITH	DN NEEDED FO M_S-Sensitive, S ID, CHAPARRAL H SERPENTINE EO Index:	CNDDB Elemo SB_SBBG-Santa Barbara  CHAPARRAL PLANTS / 19951	a Botanic Ga	Global: State: arden PINES. 33 Element Site Last	G2 S2 5-625 M. Last Seen:	1975-XX-XX
General: Owner/Manager: Lomatium cong Congdon's lomati Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type:	MAP AND PVT gdonii ium Federal: State: Other: General: Micro: 15 Unknown Natural/Na	ECOLOGICAL INFORMATION None Rare Plant Rank - 1B.2, BL CISMONTANE WOODLAN SERPENTINE SOILS WITH Map Index: 13310	DN NEEDED FO M_S-Sensitive, S ID, CHAPARRAL H SERPENTINE EO Index: Presence: Trend:	CNDDB Elemo SB_SBBG-Santa Barbara  CHAPARRAL PLANTS A 19951 Presumed Extant Unknown	a Botanic Ga	Global: State: arden PINES. 33 Element Site Last Record L	G2 S2 5-625 M. Last Seen: Seen:	1975-XX-XX 1975-XX-XX
General: Owner/Manager: Lomatium cong Congdon's lomati Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	MAP AND PVT gdonii ium Federal: State: Other: General: Micro: 15 Unknown Natural/Na	ECOLOGICAL INFORMATION None Rare Plant Rank - 1B.2, BL CISMONTANE WOODLAN SERPENTINE SOILS WITH Map Index: 13310	DN NEEDED FO M_S-Sensitive, S ID, CHAPARRAL H SERPENTINE EO Index: Presence: Trend:	CNDDB Elemo SB_SBBG-Santa Barbara  CHAPARRAL PLANTS A 19951 Presumed Extant Unknown	a Botanic Ga	Global: State: arden PINES. 33 Element Site Last Record L	G2 S2 5-625 M. Last Seen: Seen:	1975-XX-XX 1975-XX-XX
General: Owner/Manager: Lomatium cong Congdon's lomati Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	MAP AND PVT Federal: State: Other: General: Micro: 15 Unknown Natural/Na Chinese C Tuolumne	ECOLOGICAL INFORMATION None Rare Plant Rank - 1B.2, BL CISMONTANE WOODLAN SERPENTINE SOILS WITH Map Index: 13310	DN NEEDED FO M_S-Sensitive, S ID, CHAPARRAL H SERPENTINE EO Index: Presence: Trend:	CNDDB Elemo SB_SBBG-Santa Barbara  CHAPARRAL PLANTS A 19951 Presumed Extant Unknown	a Botanic Ga AND GREY s Dam (371	Global: State: arden PINES. 33 Element Site Last Record L	G2 S2 5-625 M. Last Seen: Seen:	1975-XX-XX 1975-XX-XX
General: Owner/Manager: Lomatium cong Congdon's lomati Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	MAP AND PVT gdonii ium Federal: State: Other: General: Micro: 15 Unknown Natural/Na Chinese C Tuolumne 37.87131/	ECOLOGICAL INFORMATION None Rare Plant Rank - 1B.2, BL CISMONTANE WOODLAN SERPENTINE SOILS WITH Map Index: 13310 ative occurrence amp (3712074), Keystone (37	DN NEEDED FO M_S-Sensitive, S ID, CHAPARRAL H SERPENTINE EO Index: Presence: Trend:	CNDDB Elemo SB_SBBG-Santa Barbara  CHAPARRAL PLANTS / 19951 Presumed Extant Unknown (3712084), New Melone	a Botanic Ga AND GREY s Dam (371	Global: State: arden PINES. 33 Element Site Last Record L 2085)	G2 S2 5-625 M. Last Seen: Seen:	1975-XX-XX 1975-XX-XX
General: Owner/Manager: Lomatium cong Congdon's lomati Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	MAP AND PVT gdonii ium Federal: State: Other: General: Micro: 15 Unknown Natural/Na Chinese C Tuolumne 37.87131 / Zone-10 N	ECOLOGICAL INFORMATION None None Rare Plant Rank - 1B.2, BL CISMONTANE WOODLAN SERPENTINE SOILS WITH Map Index: 13310 Ative occurrence amp (3712074), Keystone (37 4 -120.50743	DN NEEDED FO M_S-Sensitive, S ID, CHAPARRAL H SERPENTINE EO Index: Presence: Trend:	CNDDB Eleme SB_SBBG-Santa Barbara  CHAPARRAL PLANTS A 19951 Presumed Extant Unknown (3712084), New Melone Accurac	a Botanic Ga AND GREY s Dam (371 cy: 1 n (ft):	Global: State: arden PINES. 33 Element Site Last Record L 2085)	G2 S2 5-625 M. Last Seen: Seen:	1975-XX-XX 1975-XX-XX
General: Owner/Manager: Lomatium cong Congdon's lomati Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	MAP AND PVT PVT Federal: State: Other: General: Micro: 15 Unknown Natural/Na Chinese C Tuolumne 37.87131 / Zone-10 N T01S, R13	ECOLOGICAL INFORMATION None None Rare Plant Rank - 1B.2, BL CISMONTANE WOODLAN SERPENTINE SOILS WITH Map Index: 13310 Map Index: 13310 Map Index: 13310 (7-120.50743) Map 19239	DN NEEDED FO M_S-Sensitive, S ID, CHAPARRAL H SERPENTINE EO Index: Presence: Trend:	CNDDB Eleme SB_SBBG-Santa Barbara  CHAPARRAL PLANTS / 19951 Presumed Extant Unknown (3712084), New Melone Accurac Elevatio	a Botanic Ga AND GREY s Dam (371 cy: 1 n (ft):	Global: State: arden PINES. 33 Element Site Last Record L 2085) 1 mile	G2 S2 5-625 M. Last Seen: Seen:	1975-XX-XX 1975-XX-XX
General: Owner/Manager: Lomatium cong Congdon's lomati Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	MAP AND PVT PVT Federal: State: Other: General: Micro: 15 Unknown Natural/Na Chinese C Tuolumne 37.87131 / Zone-10 N T01S, R13	ECOLOGICAL INFORMATION None None Rare Plant Rank - 1B.2, BL CISMONTANE WOODLAN SERPENTINE SOILS WITH Map Index: 13310 Map Ind	DN NEEDED FO M_S-Sensitive, S ID, CHAPARRAL H SERPENTINE EO Index: Presence: Trend:	CNDDB Eleme SB_SBBG-Santa Barbara  CHAPARRAL PLANTS / 19951 Presumed Extant Unknown (3712084), New Melone Accurac Elevatio	a Botanic Ga AND GREY s Dam (371 cy: 1 n (ft):	Global: State: arden PINES. 33 Element Site Last Record L 2085) 1 mile	G2 S2 5-625 M. Last Seen: Seen:	1975-XX-XX 1975-XX-XX
General: Owner/Manager: Lomatium cong Congdon's lomati Listing Status: Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	MAP AND PVT PVT Federal: State: Other: General: Micro: 15 Unknown Natural/Na Chinese C Tuolumne 37.87131 / Zone-10 N T01S, R13	ECOLOGICAL INFORMATION None None Rare Plant Rank - 1B.2, BL CISMONTANE WOODLAN SERPENTINE SOILS WITH Map Index: 13310 Map Ind	DN NEEDED FO M_S-Sensitive, S ID, CHAPARRAL H SERPENTINE EO Index: Presence: Trend:	CNDDB Eleme SB_SBBG-Santa Barbara  CHAPARRAL PLANTS / 19951 Presumed Extant Unknown (3712084), New Melone Accurac Elevatio	a Botanic Ga AND GREY s Dam (371 cy: 1 n (ft):	Global: State: arden PINES. 33 Element Site Last Record L 2085) 1 mile	G2 S2 5-625 M. Last Seen: Seen:	1975-XX-XX 1975-XX-XX
Owner/Manager: Lomatium cong Congdon's lomati Listing Status: Habitat:	MAP AND PVT Federal: State: Other: General: Micro: 15 Unknown Natural/Na Chinese C Tuolumne 37.87131 / Zone-10 N T01S, R13 2.5 MILES	ECOLOGICAL INFORMATION None None Rare Plant Rank - 1B.2, BL CISMONTANE WOODLAN SERPENTINE SOILS WITH Map Index: 13310 Map Ind	DN NEEDED FO M_S-Sensitive, S ID, CHAPARRAL H SERPENTINE EO Index: Presence: Trend:	CNDDB Eleme SB_SBBG-Santa Barbara  CHAPARRAL PLANTS / 19951 Presumed Extant Unknown (3712084), New Melone Accurac Elevatio	a Botanic Ga AND GREY s Dam (371 cy: 1 n (ft):	Global: State: arden PINES. 33 Element Site Last Record L 2085) 1 mile	G2 S2 5-625 M. Last Seen: Seen:	1975-XX-XX 1975-XX-XX



California Department of Fish and Wildlife



Occurrence No.	21	Map Index: 74934	EO Index:	75937		Element Last Seen:	1955-04-29
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last Seen:	1955-04-29
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown		Record Last Updated:	2009-04-30
Quad Summary:	New Melone	es Dam (3712085)					
County Summary:	Tuolumne						
Lat/Long:	37.88820 / -	120.54206			Accuracy:	4/5 mile	
UTM:	Zone-10 N4	196259 E716144			Elevation (ft):	1100	
PLSS:	T01S, R13E	, Sec. 04 (M)			Acres:	0.0	
Location:	2.5 MILES N	W OF SONORA RD (HWY 1	120), BASE OF	HILL BETWEE	EN O'BYRNES FE	RRY AND YOSEMITE JUNC	ΓΙΟΝ.
Detailed Location:	MAPPED B	Y CNDDB AS BEST GUESS	~2.5 ROAD MI	LES W OF HW	Y 120 ALONG OE	YRNES FERRY RD (COUNT	'Y HWY E15).
Ecological:	AMONG FC	OTHILL PINES AND ARCTO	STAPHYLOS.				
General:	ONLY SOU	RCE OF INFORMATION FOR	R THIS SITE IS	A 1955 BACIO	GALUPI ET AL. CO	DLLECTION. NEEDS FIELDW	/ORK.
Owner/Manager:	UNKNOWN						
Occurrence No.	22	Map Index: 58627	EO Index:	75938		Element Last Seen:	1998-06-06
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last Seen:	1998-06-06
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown		Record Last Updated:	2016-06-15
Quad Summary:	Salt Spring	Valley (3812016)					
County Summary:	Calaveras						
Lat/Long:	38.01848 / -	120.63706			Accuracy:	80 meters	
UTM:	Zone-10 N4	210500 E707421			Elevation (ft):	1600	
PLSS:	T02N, R12E	E, Sec. 15, SE (M)			Acres:	0.0	
Location:	HWY 4, 2.5	ROAD MILES NORTH OF C	OPPEROPOLI	S.			
Detailed Location:		E SLOPE 0.3 MI EAST OF HI CRYPTANTHA MARIPOSAE,				APPED ACCORDING TO A 1 D SPECIES.	998 TAYLOR
Ecological:	GENTLE SL	OPE, SERPENTINE RED, C	LAY RICH SU	BSTRATUM SE	ET IN CEANOTHU	S CHAPARRAL.	
General:	UNKNOWN	NUMBER OF PLANTS OBS	ERVED IN 199	8			
				0.			





Calycadenia he					Element Code: PDA:	ST1P040
Hoover's calycad						
Listing Status:		None		CNDDB Element Rank		
	State:	None			State: S2	
	Other:	Rare Plant Rank - 1B.3, BLI	—			
Habitat:	General:	CISMONTANE WOODLAN	D, VALLEY AND	FOOTHILL GRASSLAND.		
	Micro:	ON EXPOSED, ROCKY, BA	ARREN SOIL. 60	)-260 M.		
Occurrence No.	2	Map Index: 13134	EO Index:	6015	Element Last Seen:	2016-06-17
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2016-06-17
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2017-07-20
Quad Summary:	Keystone	(3712075)				
County Summary:	Stanislaus	3				
Lat/Long:	37.76626	/ -120.61477		Accuracy:	specific area	
UTM:	Zone-10 N	V4182560 E710095		Elevation (ft):	350	
PLSS:	T02S, R12	2E, Sec. 14, NE (M)		Acres:	11.6	
Location:	5.5 MILES	SOUTHEAST OF KNIGHTS	FERRY ON WIL	LMS ROAD.		
Detailed Location:		NDER, AND TO THE NORTH S 100-400 METERS NORTHE		T TRANSMISSION TOWER WES DAD.	T OF THE ROAD. THE POP	ULATION
Ecological:	ANNUAL	GRASSLAND ON BARE ROC	KY HILLTOP OF	F IONE FORMATION.		
General:	1988. A 2		ILLMS RD" IS A	OCALLY COMMON IN 1987. 10,0 TTRIBUTED HERE. LAND USE A		
Owner/Manager:	PVT-HET	CH HETCHY WATER & POW	ER			
Calycadenia s	oicata				Element Code: PDA	ST1P090
spicate calycade						
Listing Status:	Federal:	None		CNDDB Element Rank	(s: Global: G3?	
	State:	None			State: S3	
	Other:	Rare Plant Rank - 1B.3				
Habitat:	General:	VALLEY AND FOOTHILL G	RASSLAND, CI	SMONTANE WOODLAND.		
	Micro:	DRY, ADOBE, CLAY, GRA	VELLY, ROCKY,	, DISTURBED AREAS, OPENING	GS, ROADSIDES. 40-1400 M	



California Department of Fish and Wildlife



Occ. Rank:       Unknown       Presence:       Presumed Extant       Site Last Seen::       1990-09-15         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2024-02-23         Quad Summary:       Keystone (3712075), Knights Ferry (3712076)       Stanislaus       Imile       2024-02-23         Quad Summary:       Stanislaus       Imile       Imile       2024-02-23         Quad Summary:       Zone-10 N4182401 E710074       Elevation (ft): 325       325         PLSS:       TO2S, R12E, Sec. 14 (M)       Acres:       1987-0       Isocation:       Isocation: <td< th=""><th>Occurrence No.</th><th>9</th><th>Map Index: C0104</th><th>EO Index:</th><th>128330</th><th></th><th>Element Last Seen:</th><th>1980-09-15</th></td<>	Occurrence No.	9	Map Index: C0104	EO Index:	128330		Element Last Seen:	1980-09-15
Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2024-02-23         Quad Summary:       Keystone (3712075), Knights Ferry (3712076)       County Summary:       Stanislaus       Lat/Long:       37.76482 / -120.61505       Accuracy:       1 mile         Lat/Long:       37.76482 / -120.61505       Accuracy:       1 mile       Imile         UTM:       Zone-10 N4182401 E710074       Elevation (ft):       325         PLSS:       T02S, R12E, Sec. 14 (M)       Acres:       1987.0         Location:       -5 MILES SOUTH OF CREEK CROSSING AFTER 'DOUBLE' CREEK CROSSING. EXACT LOCATION UNKNOWN. MAPPED AS BES' GUESS BY CNDDB TO ENCOMPASS DOUBLE CREEK CROSSINGS WITHIN 5 MILES OF KNIGHTS FERRY.         Ecological:       General:       ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1980 COLLECTION BY CARR. NEEDS FIELDWORK.         Owner/Manager:       UNKNOWN       Presence:       Presumed Extant       Site Last Seen:       1937-08-24         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2024-03-07         Quad Summary:       Keystone (3712075)       County Summary:       Lat/Long:       37.84514 / 120.54502       Accuracy:       1 mile         Lat/Long:       37.84514 / 120.54502       Accuracy:       1 mile       101		Unknown				xtant		
County Summary:       Stanislaus         Lat/Long:       37.76482/.120.61505       Accuracy:       1 mile         UTM:       Zone-10 N4182401 E710074       Elevation (ft):       325         PLSS:       T02S, R12E, Sec. 14 (M)       Acres:       1987.0         Location:       -5 MILES SOUTH OF KNIGHTS FERRY ON WILLMS ROAD (TO WARNERVILLE).         Detailed Location:       JUST SOUTH OF CREEK CROSSING AFTER 'DOUBLE' CREEK CROSSING, EXACT LOCATION UNKNOWN, MAPPED AS BES' GUESS BY CNDDB TO ENCOMPASS DOUBLE CREEK CROSSING WITHIN 5 MILES OF KNIGHTS FERRY.         Ecological:       General:       ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1980 COLLECTION BY CARR. NEEDS FIELDWORK.         Owner/Manager:       UNKNOWN       Presence:       Presumed Extant       Site Last Seen:       1937-08-24         Occ. Arge:       Natural/Mative occurrence       Trend:       Unknown       Record Last Updated:       2024-03-07         Quad Summary:       Tuolumme       Lat/Long:       37.84514/-120.54502       Accuracy:       1 mile         Lat/Long:       37.84514/-120.54502       Accuracy:       1 mile       UTM:       20ne-10 N4191474 E716010       Elevation (ft):       990         PLSS:       T01S, R13E, Sec. 16 (M)       Acres:       1987.0       Cocule Crion BY HALL, OTHER COLLECTIONS ON THIS DATE BY HALL CITE HIM NEAR KEYSTONE AND MODESTO.	Occ. Type:	Natural/Native	e occurrence	Trend:	Unknown		Record Last Updated:	2024-02-23
County Summary:       Stanislaus         Lat/Long:       37.76482/.120.61505       Accuracy:       1 mile         UTM:       Zone-10 N4182401 E710074       Elevation (ft):       325         PLSS:       T02S, R12E, Sec. 14 (M)       Acres:       1987.0         Location:       -5 MILES SOUTH OF KNIGHTS FERRY ON WILLMS ROAD (TO WARNERVILLE).         Detailed Location:       JUST SOUTH OF CREEK CROSSING AFTER 'DOUBLE' CREEK CROSSING, EXACT LOCATION UNKNOWN, MAPPED AS BES' GUESS BY CNDDB TO ENCOMPASS DOUBLE CREEK CROSSING WITHIN 5 MILES OF KNIGHTS FERRY.         Ecological:       General:       ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1980 COLLECTION BY CARR. NEEDS FIELDWORK.         Owner/Manager:       UNKNOWN       Presence:       Presumed Extant       Site Last Seen:       1937-08-24         Occ. Arge:       Natural/Mative occurrence       Trend:       Unknown       Record Last Updated:       2024-03-07         Quad Summary:       Tuolumme       Lat/Long:       37.84514/-120.54502       Accuracy:       1 mile         Lat/Long:       37.84514/-120.54502       Accuracy:       1 mile       UTM:       20ne-10 N4191474 E716010       Elevation (ft):       990         PLSS:       T01S, R13E, Sec. 16 (M)       Acres:       1987.0       Cocule Crion BY HALL, OTHER COLLECTIONS ON THIS DATE BY HALL CITE HIM NEAR KEYSTONE AND MODESTO.	Quad Summary:	Kevstone (371	12075). Knights Ferry (3712	076)				
UTM:       Zone-10 N4182401 E710074       Elevation (ft):       325         PLSS:       T02S, R12E, Sec. 14 (M)       Acres:       1987.0         Location:       -5 MILES SOUTH OF KNIGHTS FERRY ON WILLMS ROAD (TO WARNERVILLE).       Detailed Location:       JUST SOUTH OF CREEK CROSSING AFTER "DOUBLE" CREEK CROSSING. EXACT LOCATION UNKNOWN. MAPPED AS BES' GUESS BY CNDDB TO ENCOMPASS DOUBLE CREEK CROSSINGS WITHIN 5 MILES OF KNIGHTS FERRY.         Ecological:       ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1980 COLLECTION BY CARR. NEEDS FIELDWORK.         Owner/Manager:       UNKNOWN       Presence:       Presumed Extant       Site Last Seen:       1937-08-24         Occ. Rank:       Unknown       Presence:       Presumed Extant       Site Last Seen:       1937-08-24         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2024-03-07         Quad Summary:       Keystone (3712075)       County Summary:       Tuolumne       Accuracy::       1 mile         Lat/Long:       37.84514 / -120.54502       Accuracy::       1 mile       990       PLSS:       101S, R13E, Sec. 16 (M)       Acres:       1987.0         Location:       30 KM E OF OAKDALE.       Elevation (ft):       990       PLSS:       101S, R13E, Sec. 16 (M)       Acres:       1987.0         Location:	•		, (	,				
UTM:       Zone-10 N4182401 E710074       Elevation (ft):       325         PLSS:       T02S, R12E, Sec. 14 (M)       Acres:       1987.0         Location:       -5 MILES SOUTH OF KNIGHTS FERRY ON WILLMS ROAD (TO WARNERVILLE).       Detailed Location:       JUST SOUTH OF CREEK CROSSING AFTER "DOUBLE" CREEK CROSSING. EXACT LOCATION UNKNOWN. MAPPED AS BES' GUESS BY CNDDB TO ENCOMPASS DOUBLE CREEK CROSSINGS WITHIN 5 MILES OF KNIGHTS FERRY.         Ecological:       ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1980 COLLECTION BY CARR. NEEDS FIELDWORK.         Owner/Manager:       UNKNOWN       Presence:       Presumed Extant       Site Last Seen:       1937-08-24         Occ. Rank:       Unknown       Presence:       Presumed Extant       Site Last Seen:       1937-08-24         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2024-03-07         Quad Summary:       Keystone (3712075)       County Summary:       Tuolumne       Accuracy::       1 mile         Lat/Long:       37.84514 / -120.54502       Accuracy::       1 mile       990       PLSS:       101S, R13E, Sec. 16 (M)       Acres:       1987.0         Location:       30 KM E OF OAKDALE.       Elevation (ft):       990       PLSS:       101S, R13E, Sec. 16 (M)       Acres:       1987.0         Location:	Lat/Long:	37.76482 / -12	20.61505			Accuracy:	1 mile	
PLSS:       T02S, R12E, Sec. 14 (M)       Acres:       1987.0         Location:       -5 MILES SOUTH OF KNIGHTS FERRY ON WILLMS ROAD (TO WARNERVILLE).         Detailed Location:       JUST SOUTH OF CREEK CROSSING AFTER 'DOUBLE' CREEK CROSSING. EXACT LOCATION UNKNOWN. MAPPED AS BES' GUESS BY CNDDB TO ENCOMPASS DOUBLE CREEK CROSSINGS WITHIN 5 MILES OF KNIGHTS FERRY.         Ecological:       General:       ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1980 COLLECTION BY CARR. NEEDS FIELDWORK.         Owner/Manager:       UNKNOWN       Map Index: C0107       EO Index:       128331       Element Last Seen:       1937-08-24         Occ. Rank:       Unknown       Presence:       Presumed Extant       Site Last Seen:       1937-08-24         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2024-03-07         Quad Summary:       Keystone (3712075)       County Summary:       Tuolumne       Accuracy:       1 mile       Tuolumne         Lat/Long:       37.84514 / -120.54502       Accuracy:       1 mile       1 mile       Elevation (ft):       990       PLSS:       T01S, R13E, Sec. 16 (M)       Acres:       1987.0       Location:       30 KM E OF OAKDALE.       Detailed Location:       SXACT LOCATION UNKNOWN. MAPPED BY CNDDB 30 ROAD KM E OF OAKDALE ALONG HWY 108 ACCORDING TO A 1914 COLLECTION BY HALL. OTHER COLLECTIONS ON THIS DATE BY HALL CITE HIM	•	Zone-10 N418	32401 E710074			•	325	
Detailed Location:       JUST SOUTH OF CREEK CROSSING AFTER "DOUBLE" CREEK CROSSING. EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS BY CNDDB TO ENCOMPASS DOUBLE CREEK CROSSINGS WITHIN 5 MILES OF KNIGHTS FERRY.         Ecological:       General:       ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1980 COLLECTION BY CARR. NEEDS FIELDWORK.         Owner/Manager:       UNKNOWN       WIN       VINKNOWN         Occ. rank:       Unknown       Presence:       Presumed Extant       Site Last Seen:       1937-08-24         Occ. Rank:       Unknown       Presence:       Presumed Extant       Site Last Updated:       2024-03-07         Quad Summary:       Keystone (3712075)       Imile       Imile       Imile       Imile         UTM:       Zone-10 N4191474 E716010       Elevation (ft):       990       PLSS:       T01S, R13E, Sec. 16 (M)       Acres:       1987.0         Location:       30 KM E OF OAKDALE.       Exact LocATION NUKNOWN. MAPPED BY CNDDB 30 ROAD KM E OF OAKDALE ALONG HWY 108 ACCORDING TO A 1914 COLLECTION BY HALL OTHER COLLECTION SON THIS DATE BY HALL CITE HIM NEAR EXTORE AND MODESTO.         Ecological:       General:       MAIN SOURCE OF INFORMATION IS A 1914 HALL COLLECTION. A 1936 COLLECTION BY HOOVER FROM "KEYSTONE" AND	PLSS:	T02S, R12E, S	Sec. 14 (M)				1987.0	
GUESS BY CNDDB TO ENCOMPASS DOUBLE CREEK CROSSINGS WITHIN 5 MILES OF KNIGHTS FERRY.         Ecological:         General:       ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1980 COLLECTION BY CARR. NEEDS FIELDWORK.         Owner/Manager:       UNKNOWN         Occurrence No.       10       Map Index: C0107       EO Index:       128331       Element Last Seen:       1937-08-24         Occ. Rank:       Unknown       Presence:       Presumed Extant       Site Last Seen:       1937-08-24         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2024-03-07         Quad Summary:       Keystone (3712075)       Tuolumne       Imile       10       Imile       10         Lat/Long:       37.84514 / -120.54502       Accuracy:       1 mile       1       1       1         UTM:       Zone-10 N4191474 E716010       Elevation (ft):       990       PLSS:       1987.0       1         Location:       30 KM E OF OAKDALE.       Acres:       1987.0       1       1         Location:       30 KM E OF OAKDALE.       EXACT LOCATION UNKNOWN. MAPPED BY CNDDB 30 ROAD KM E OF OAKDALE ALONG HWY 108 ACCORDING TO A 1914 COLLECTION BY HALL. OTHER COLLECTIONS ON THIS DATE BY HALL CITE HIM NEAR KEYSTONE AND MODESTO.         Ecological:       General:	Location:	~5 MILES SO	UTH OF KNIGHTS FERRY	ON WILLMS F	ROAD (TO WA	RNERVILLE).		
Ecological:       General:       ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1980 COLLECTION BY CARR. NEEDS FIELDWORK.         Owner/Manager:       UNKNOWN       UNKNOWN       Element Last Seen:       1937-08-24         Occ. rank:       Unknown       Map Index:       Coll Of 20       EO Index:       128331       Element Last Seen:       1937-08-24         Occ. Rank:       Unknown       Presence:       Presumed Extant       Site Last Seen:       1937-08-24         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2024-03-07         Quad Summary:       Keystone (3712075)       County Summary:       Tuolumne       Elevation (fit):       990         Lat/Long:       37.84514 / -120.54502       Accuracy:       1 mile       Tuolumne         Lat/Long:       37.84514 / -120.54502       Accuracy:       1 mile       Tuolumne         Lat/Long:       30.6M1 E OF OAKDALE.       Elevation (fit):       990       PLSS:       To1S, R13E, Sec. 16 (M)       Acres:       1987.0       Elevation (fit):       990       Elevation (fit	Detailed Location:							PPED AS BEST
General:       ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1980 COLLECTION BY CARR. NEEDS FIELDWORK.         Owner/Manager:       UNKNOWN         Occurrence No.       10       Map Index: C0107       EO Index:       128331       Element Last Seen:       1937-08-24         Occ. Rank:       Unknown       Presence:       Presumed Extant       Site Last Seen:       1937-08-24         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2024-03-07         Quad Summary:       Keystone (3712075)       County Summary:       Tuolumne       Accuracy:       1 mile       Time         Lat/Long:       37.84514 / -120.54502       Accuracy:       1 mile       1 mile       Elevation (ft):       990         PLSS:       T01S, R13E, Sec. 16 (M)       Acres:       1 987.0       Detailed Location:       30 KM E OF OAKDALE.         Detailed Location:       30 KM E OF OAKDALE.       Detailed Location:       SACT LOCATION UNKNOWN. MAPPED BY CNDDB 30 ROAD KM E OF OAKDALE ALONG HWY 108 ACCORDING TO A 1914 COLLECTION BY HALL. OTHER COLLECTIONS ON THIS DATE BY HALL CITE HIM NEAR KEYSTONE AND MODESTO.         Ecological:       MAIN SOURCE OF INFORMATION IS A 1914 HALL COLLECTION. A 1936 COLLECITON BY HOOVER FROM "KEYSTONE" AND	E a la sia d	GUESS BY C	NDDB TO ENCOMPASS D	OUBLE CREE	K CROSSING	S WITHIN 5 MILES	S OF KNIGHTS FERRY.	
Owner/Manager:       UNKNOWN         Occurrence No.       10       Map Index: C0107       EO Index: 128331       Element Last Seen: 1937-08-24         Occ. Rank:       Unknown       Presence:       Presumed Extant       Site Last Seen: 1937-08-24         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated: 2024-03-07         Quad Summary:       Keystone (3712075)       County Summary:       Tuolumne       Image: 1000 mm (1000 mm (10000 mm (1000 mm (1000 mm (1000 mm (10000 mm (1000 mm (	•							
Occurrence No.       10       Map Index:       C0107       EO Index:       128331       Element Last Seen:       1937-08-24         Occ. Rank:       Unknown       Presence:       Presumed Extant       Site Last Seen:       1937-08-24         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2024-03-07         Quad Summary:       Keystone (3712075)       Tuolumne       Imile       Imile       Imile       Imile         Lat/Long:       37.84514 / -120.54502       Accuracy:       1 mile       Imile       Imile         UTM:       Zone-10 N4191474 E716010       Elevation (ft):       990       PLSS:       T01S, R13E, Sec. 16 (M)       Acres:       1987.0         Location:       30 KM E OF OAKDALE.       EXACT LOCATION UNKNOWN. MAPPED BY CNDDB 30 ROAD KM E OF OAKDALE ALONG HWY 108 ACCORDING TO A 1914 COLLECTION BY HALL. OTHER COLLECTIONS ON THIS DATE BY HALL CITE HIM NEAR KEYSTONE AND MODESTO.         Ecological:       General:       MAIN SOURCE OF INFORMATION IS A 1914 HALL COLLECTION. A 1936 COLLECITON BY HOOVER FROM "KEYSTONE" AND			JE OF INFORMATION FOR		RENCE IS A	1980 COLLECTION	N BY CARR. NEEDS FIELDV	VORK.
Occ. Rank:       Unknown       Presence:       Presumed Extant       Site Last Seen:       1937-08-24         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2024-03-07         Quad Summary:       Keystone (3712075)       Unknown       Record Last Updated:       2024-03-07         Quad Summary:       Keystone (3712075)       Accuracy:       1 mile       Image: 1       Site Last Seen:       1937-08-24         Lat/Long:       37.84514/-120.54502       Accuracy:       1 mile       Image: 1       Site Last Seen:       1937-08-24         UTM:       Zone-10 N4191474 E716010       Elevation (ft):       990       Image: 1       Site Last Seen:       1       Site Last Seen:       Site Last Seen:       Site Last Seen:       1937-08-24         UTM:       Zone-10 N4191474 E716010       Accuracy:       1 mile       Image: 1       Site Last Seen:       Site Last Seen: </th <th>Owner/Manager:</th> <th>UNKNOWN</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>	Owner/Manager:	UNKNOWN						
Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2024-03-07         Quad Summary:       Keystone (3712075)	Occurrence No.	10	Map Index: C0107	EO Index:	128331		Element Last Seen:	1937-08-24
Quad Summary:       Keystone (3712075)         County Summary:       Tuolumne         Lat/Long:       37.84514 / -120.54502       Accuracy:       1 mile         UTM:       Zone-10 N4191474 E716010       Elevation (ft):       990         PLSS:       T01S, R13E, Sec. 16 (M)       Acres:       1987.0         Location:       30 KM E OF OAKDALE.       EXACT LOCATION UNKNOWN. MAPPED BY CNDDB 30 ROAD KM E OF OAKDALE ALONG HWY 108 ACCORDING TO A 1914 COLLECTION BY HALL. OTHER COLLECTIONS ON THIS DATE BY HALL CITE HIM NEAR KEYSTONE AND MODESTO.         Ecological:       General:       MAIN SOURCE OF INFORMATION IS A 1914 HALL COLLECTION. A 1936 COLLECITON BY HOOVER FROM "KEYSTONE" AND	Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last Seen:	1937-08-24
County Summary:       Tuolumne         Lat/Long:       37.84514 / -120.54502       Accuracy:       1 mile         UTM:       Zone-10 N4191474 E716010       Elevation (ft):       990         PLSS:       T01S, R13E, Sec. 16 (M)       Acres:       1987.0         Location:       30 KM E OF OAKDALE.       EXACT LOCATION UNKNOWN. MAPPED BY CNDDB 30 ROAD KM E OF OAKDALE ALONG HWY 108 ACCORDING TO A 1914 COLLECTION BY HALL. OTHER COLLECTIONS ON THIS DATE BY HALL CITE HIM NEAR KEYSTONE AND MODESTO.         Ecological:       General:       MAIN SOURCE OF INFORMATION IS A 1914 HALL COLLECTION. A 1936 COLLECITON BY HOOVER FROM "KEYSTONE" AND	Осс. Туре:	Natural/Native	e occurrence	Trend:	Unknown		Record Last Updated:	2024-03-07
Lat/Long:       37.84514 / -120.54502       Accuracy:       1 mile         UTM:       Zone-10 N4191474 E716010       Elevation (ft):       990         PLSS:       T01S, R13E, Sec. 16 (M)       Acres:       1987.0         Location:       30 KM E OF OAKDALE.       EXACT LOCATION UNKNOWN. MAPPED BY CNDDB 30 ROAD KM E OF OAKDALE ALONG HWY 108 ACCORDING TO A 1914 COLLECTION BY HALL. OTHER COLLECTIONS ON THIS DATE BY HALL CITE HIM NEAR KEYSTONE AND MODESTO.         Ecological:       General:       MAIN SOURCE OF INFORMATION IS A 1914 HALL COLLECTION. A 1936 COLLECITON BY HOOVER FROM "KEYSTONE" AND	Quad Summary:	Keystone (371	12075)					
UTM:       Zone-10 N4191474 E716010       Elevation (ft):       990         PLSS:       T01S, R13E, Sec. 16 (M)       Acres:       1987.0         Location:       30 KM E OF OAKDALE.       EXACT LOCATION UNKNOWN. MAPPED BY CNDDB 30 ROAD KM E OF OAKDALE ALONG HWY 108 ACCORDING TO A 1914 COLLECTION BY HALL. OTHER COLLECTIONS ON THIS DATE BY HALL CITE HIM NEAR KEYSTONE AND MODESTO.         Ecological:       General:       MAIN SOURCE OF INFORMATION IS A 1914 HALL COLLECTION. A 1936 COLLECITON BY HOOVER FROM "KEYSTONE" AND	County Summary:	Tuolumne						
PLSS:       T01S, R13E, Sec. 16 (M)       Acres:       1987.0         Location:       30 KM E OF OAKDALE.       EXACT LOCATION UNKNOWN. MAPPED BY CNDDB 30 ROAD KM E OF OAKDALE ALONG HWY 108 ACCORDING TO A 1914 COLLECTION BY HALL. OTHER COLLECTIONS ON THIS DATE BY HALL CITE HIM NEAR KEYSTONE AND MODESTO.         Ecological:       General:       MAIN SOURCE OF INFORMATION IS A 1914 HALL COLLECTION. A 1936 COLLECITON BY HOOVER FROM "KEYSTONE" AND	Lat/Long:	37.84514 / -12	20.54502			Accuracy:	1 mile	
Location:       30 KM E OF OAKDALE.         Detailed Location:       EXACT LOCATION UNKNOWN. MAPPED BY CNDDB 30 ROAD KM E OF OAKDALE ALONG HWY 108 ACCORDING TO A 1914 COLLECTION BY HALL. OTHER COLLECTIONS ON THIS DATE BY HALL CITE HIM NEAR KEYSTONE AND MODESTO.         Ecological:       General:         MAIN SOURCE OF INFORMATION IS A 1914 HALL COLLECTION. A 1936 COLLECITON BY HOOVER FROM "KEYSTONE" AND	UTM:	Zone-10 N419	91474 E716010			Elevation (ft):	990	
Detailed Location:       EXACT LOCATION UNKNOWN. MAPPED BY CNDDB 30 ROAD KM E OF OAKDALE ALONG HWY 108 ACCORDING TO A 1914 COLLECTION BY HALL. OTHER COLLECTIONS ON THIS DATE BY HALL CITE HIM NEAR KEYSTONE AND MODESTO.         Ecological:       General:         MAIN SOURCE OF INFORMATION IS A 1914 HALL COLLECTION. A 1936 COLLECITON BY HOOVER FROM "KEYSTONE" AND	PLSS:	T01S, R13E, S	Sec. 16 (M)			Acres:	1987.0	
COLLECTION BY HALL. OTHER COLLECTIONS ON THIS DATE BY HALL CITE HIM NEAR KEYSTONE AND MODESTO. Ecological: General: MAIN SOURCE OF INFORMATION IS A 1914 HALL COLLECTION. A 1936 COLLECITON BY HOOVER FROM "KEYSTONE" AND	Location:	30 KM E OF C	DAKDALE.					
General: MAIN SOURCE OF INFORMATION IS A 1914 HALL COLLECTION. A 1936 COLLECITON BY HOOVER FROM "KEYSTONE" AND	Detailed Location:							
	Ecological:							
ATTRIBUTED HERE. NEEDS FIELDWORK.	General:	A1937 COLLE	ECTION BY HOOVER FROM	M "KEYSTONE				
Owner/Manager: UNKNOWN	Owner/Manager:	UNKNOWN						



California Department of Fish and Wildlife



Occurrence No.	11 Map Index: 30237	EO Index:	128335	Element Last Seen:	1934-09-16
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:	1934-09-16
Осс. Туре:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:	2024-02-26
Quad Summary:	Knights Ferry (3712076)				
County Summary:	Stanislaus				
Lat/Long:	37.80038 / -120.72096		Accuracy:	1 mile	
UTM:	Zone-10 N4186113 E700647		Elevation (ft):	200	
PLSS:	T01S, R11E, Sec. 35 (M)		Acres:	0.0	
Location:	8 MILES EAST OF OAKDALE.				
Detailed Location:	EXACT LOCATION UNKNOWN. MAPPE EAST OF OAKDALE.	ED AS BEST G	UESS BY CNDDB ALONG HWY	108 APPROXIMATELY 8 RC	AD MILES
Ecological:					
General:	ONLY SOURCE OF INFORMATION IS	A 1934 COLLEO	CTION BY HOOVER. NEEDS FIE	ELDWORK.	
Owner/Manager:	UNKNOWN				
Occurrence No.	13 Map Index: C0111	EO Index:	128337	Element Last Seen:	2021-09-26
Occurrence No. Occ. Rank:	13 Map Index: C0111 Good	EO Index: Presence:	128337 Presumed Extant	Element Last Seen: Site Last Seen:	2021-09-26 2021-09-26
	·				
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:	2021-09-26
Occ. Rank: Occ. Type:	Good Natural/Native occurrence	Presence:	Presumed Extant	Site Last Seen:	2021-09-26
Occ. Rank: Occ. Type: Quad Summary:	Good Natural/Native occurrence Jenny Lind (3812017)	Presence:	Presumed Extant	Site Last Seen:	2021-09-26
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Good Natural/Native occurrence Jenny Lind (3812017) Calaveras	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2021-09-26
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Good Natural/Native occurrence Jenny Lind (3812017) Calaveras 38.02605 / -120.84454	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: specific area	2021-09-26
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Good Natural/Native occurrence Jenny Lind (3812017) Calaveras 38.02605 / -120.84454 Zone-10 N4210898 E689188	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 314 11.0	2021-09-26
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Good Natural/Native occurrence Jenny Lind (3812017) Calaveras 38.02605 / -120.84454 Zone-10 N4210898 E689188 T02N, R10E, Sec. 14, N (M)	Presence: Trend: MI SSE OF MIL	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: TON AND 1.5-1.6 AIR MILES SV	Site Last Seen: Record Last Updated: specific area 314 11.0 V OF TOWER RANCH.	2021-09-26
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Good Natural/Native occurrence Jenny Lind (3812017) Calaveras 38.02605 / -120.84454 Zone-10 N4210898 E689188 T02N, R10E, Sec. 14, N (M) ALONG ROCK CREEK RD 0.3-0.8 AIR N	Presence: Trend: MI SSE OF MIL NDDB ACCORE D ON ROAD C VIAL DEPOSIT	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: TON AND 1.5-1.6 AIR MILES SV DING TO 2021 COORDINATES F UTS AND OTHER DISTURBED S) - VERY COBBLY GRAVELLY	Site Last Seen: Record Last Updated: specific area 314 11.0 V OF TOWER RANCH. FROM O'DELL. SOIL AREAS AROUND MILT	2021-09-26 2024-04-19 ON. LAGUNA
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Good Natural/Native occurrence Jenny Lind (3812017) Calaveras 38.02605 / -120.84454 Zone-10 N4210898 E689188 T02N, R10E, Sec. 14, N (M) ALONG ROCK CREEK RD 0.3-0.8 AIR M SEVERAL POLYGONS MAPPED BY CM WITHIN HEAVILY GRAZED FIELDS AN FORMATION? (CONSOLIDATED ALLU	Presence: Trend: MI SSE OF MIL NDDB ACCORE D ON ROAD CI VIAL DEPOSIT D COYOTE RID	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: TON AND 1.5-1.6 AIR MILES SV DING TO 2021 COORDINATES F UTS AND OTHER DISTURBED S) - VERY COBBLY GRAVELLY	Site Last Seen: Record Last Updated: specific area 314 11.0 V OF TOWER RANCH. FROM O'DELL. SOIL AREAS AROUND MILT	2021-09-26 2024-04-19 ON. LAGUNA



California Department of Fish and Wildlife



Occurrence No.	14	Map Index: C0113	EO Index:	128339	Element Last Seen:	2021-09-26
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2021-09-26
Occ. Type:		ve occurrence	Trend:	Unknown	Record Last Updated:	2024-04-19
Quad Summary:	Jenny Lind	(2012017)				
County Summary:	Calaveras	(3012017)				
Lat/Long:	38.03916 / -			Accuracy:	specific area	
UTM:		212352 E689126		Elevation (ft):	500	
PLSS:	T02N, R10E	, Sec. 11, W (M)		Acres:	19.0	
Location:	ALONG HU	NT RD; 0.4-0.9 AIR MI NE O	F MILTON, 0.5	1.0 AIR MI SW OF TOWER RA	NCH.	
Detailed Location:	MANY POL	YGONS MAPPED BY CNDD	B ACCORDING	TO 2021 COORDINATES FRO	OM O'DELL.	
Ecological:	FORMATIO	N? (CONSOLIDATED ALLU'	VIAL DEPOSIT	JTS AND OTHER DISTURBED S) - VERY COBBLY GRAVELLY	SOIL AREAS AROUND MILT Y SANDY CLAY DEPOSITS. M	ON. LAGUNA IOST
<b>a</b> 1		AT THE LANDFILL AROUND		GE ROAD		
General:		0 SCATTERED PLANTS SE	EN IN 2021.			
Owner/Manager:	UNKNOWN					
Occurrence No.	15	Map Index: C0114	EO Index:	128341	Element Last Seen:	2021-09-26
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2021-09-26
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown	Record Last Updated:	2024-04-19
Quad Summary:	Jenny Lind (	(3812017)				
County Summary:	Calaveras					
Lat/Long:	38.03984 / -	120.85619		Accuracy:	specific area	
UTM:	Zone-10 N4	212404 E688130		Elevation (ft):	375	
PLSS:	T02N, R10E	, Sec. 10, NE (M)		Acres:	3.0	
Location:	ALONG MIL	TON RD/COUNTY HWY J14	4, 0.5-0.6 AIR M	II N OF MILTON AND 1.3 AIR M	ILES WSW OF TOWER RAN	CH.
Detailed Location:	MAPPED B	Y CNDDB ACCORDING TO	2020 AND 202	COORDINATES FROM O'DEI	L. UPHILL ROAD BANK.	
Ecological:	FORMATIO			JTS AND OTHER DISTURBED S) - VERY COBBLY GRAVELLY		
General:		LANTS SEEN IN 2020. 303- N OF MILTON" IS ATTRIBU		RED PLANTS SEEN IN 2021. A	1971 COLLECTION BY CAR	R FROM "HWY
Owner/Manager:	UNKNOWN					



California Department of Fish and Wildlife



Occurrence No.	16 Map Index: C0115	EO Index:	128342	Element Last Seen:	2020-09-07
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:	2020-09-07
Осс. Туре:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:	2024-04-19
Quad Summary:	Jenny Lind (3812017)				
County Summary:	Calaveras				
Lat/Long:	38.05956 / -120.87124		Accuracy:	specific area	
UTM:	Zone-10 N4214563 E686759		Elevation (ft):	325	
PLSS:	T02N, R10E, Sec. 4, NE (M)		Acres:	2.0	
Location:	ALONG MILTON ROAD/COUNTY HWY MILTON.	J14, ~0.1 MI S	OF JUNCTION WITH SOUTH C	GULCH ROAD AND 2.2 AIR M	ILES NNW OF
Detailed Location:	MAPPED BY CNDDB ACCORDING TO	2020 COORDII	NATES FROM O'DELL. UPHILL	ROAD BANK.	
Ecological:	VERY COBBLY SANDY LOAM SOIL. SA	ANDSTONE TA	BLE.		
General:	964-5,900 PLANTS SEEN IN 2020.				
Owner/Manager:	UNKNOWN				





Lagophylla dic	hotoma					Eleme	nt Code: PDAS	ST5J070
Listing Status:	Federal:	None		CNE	DDB Element Ranks	: Global:	G2	
	State:	None				State:	S2	
	Other:	Rare Plant Rank - 1B.1						
Habitat:	General:	CISMONTANE WOODLAN	ND, VALLEY AND	FOOTHILL G	RASSLAND.			
	Micro:	SOMETIMES CLAY. 190-3	335 M.					
Occurrence No.	15	Map Index: 32807	EO Index:	86787		Element	Last Seen:	1938-05-09
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last	Seen:	1938-05-09
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown		Record L	ast Updated:	2012-04-18
Quad Summary:	Knights Fe	rry (3712076)						
County Summary:	Stanislaus							
Lat/Long:	37.81844 /	-120.67240			Accuracy:	1 mile		
UTM:	Zone-10 N	4188223 E704873			Elevation (ft):			
PLSS:	T01S, R12	E, Sec. 29 (M)			Acres:	0.0		
Location:	KNIGHTS	FERRY, ABOUT 10 MILES	EAST OF OAKDA	ALE.				
Location: Detailed Location:		FERRY, ABOUT 10 MILES BY CNDDB AROUND KNIG			TWO HOOVER COL	LECTIONS.		
					TWO HOOVER COL	LECTIONS.		
Detailed Location:	MAPPED		HTS FERRY ACC	CORDING TO				
Detailed Location: Ecological:	MAPPED	BY CNDDB AROUND KNIG	HTS FERRY ACC	CORDING TO				
Detailed Location: Ecological: General:	MAPPED I	BY CNDDB AROUND KNIG	HTS FERRY ACC	CORDING TO		S FIELDWC		2000-XX-XX
Detailed Location: Ecological: General: Owner/Manager:	MAPPED I OCCURRE UNKNOW	BY CNDDB AROUND KNIG ENCE KNOWN ONLY FROM	HTS FERRY ACC // 1937 AND 1938	CORDING TO <sup>-</sup> B HOOVER CO	DLLECTIONS. NEED	S FIELDWC	DRK. Last Seen:	2000-XX-XX 2000-XX-XX
Detailed Location: Ecological: General: Owner/Manager: Occurrence No.	MAPPED I OCCURRE UNKNOW 16 Unknown	BY CNDDB AROUND KNIG ENCE KNOWN ONLY FROM	HTS FERRY ACC // 1937 AND 1938 EO Index:	CORDING TO <sup>-</sup> B HOOVER CO 86794	DLLECTIONS. NEED	S FIELDWC Element Site Last	DRK. Last Seen:	
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	MAPPED I OCCURRE UNKNOW 16 Unknown Natural/Na	BY CNDDB AROUND KNIG ENCE KNOWN ONLY FROM N Map Index: 85764	HTS FERRY ACC // 1937 AND 1938 EO Index: Presence: Trend:	CORDING TO <sup>1</sup> 8 HOOVER CO 86794 Presumed E	DLLECTIONS. NEED	S FIELDWC Element Site Last	DRK. Last Seen: t Seen:	2000-XX-XX
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	MAPPED I OCCURRE UNKNOW 16 Unknown Natural/Na New Melor	BY CNDDB AROUND KNIG ENCE KNOWN ONLY FROM N Map Index: 85764 tive occurrence	HTS FERRY ACC // 1937 AND 1938 EO Index: Presence: Trend:	CORDING TO <sup>1</sup> 8 HOOVER CO 86794 Presumed E	DLLECTIONS. NEED	S FIELDWC Element Site Last	DRK. Last Seen: t Seen:	2000-XX-XX
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	MAPPED I OCCURRE UNKNOWI 16 Unknown Natural/Na New Melor Calaveras	BY CNDDB AROUND KNIG ENCE KNOWN ONLY FROM N Map Index: 85764 tive occurrence	HTS FERRY ACC // 1937 AND 1938 EO Index: Presence: Trend:	CORDING TO <sup>1</sup> 8 HOOVER CO 86794 Presumed E	DLLECTIONS. NEED	S FIELDWC Element Site Last	DRK. Last Seen: t Seen:	2000-XX-XX
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	MAPPED I OCCURRE UNKNOW 16 Unknown Natural/Na New Melor Calaveras 37.92885 /	BY CNDDB AROUND KNIG ENCE KNOWN ONLY FROM N Map Index: 85764 tive occurrence hes Dam (3712085), Copper	HTS FERRY ACC // 1937 AND 1938 EO Index: Presence: Trend:	CORDING TO <sup>1</sup> 8 HOOVER CO 86794 Presumed E	DLLECTIONS. NEED	S FIELDWC Element Site Last Record L	DRK. Last Seen: t Seen:	2000-XX-XX
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	MAPPED I OCCURRE UNKNOWI 16 Unknown Natural/Na New Melor Calaveras 37.92885 / Zone-10 N	BY CNDDB AROUND KNIG ENCE KNOWN ONLY FROM Map Index: 85764 tive occurrence hes Dam (3712085), Copper -120.62800	HTS FERRY ACC // 1937 AND 1938 EO Index: Presence: Trend:	CORDING TO <sup>1</sup> 8 HOOVER CO 86794 Presumed E	Accuracy:	S FIELDWC Element Site Last Record L	DRK. Last Seen: t Seen:	2000-XX-XX
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	MAPPED I OCCURRE UNKNOWI 16 Unknown Natural/Na New Melor Calaveras 37.92885 / Zone-10 N T01N, R12	BY CNDDB AROUND KNIG ENCE KNOWN ONLY FROM Map Index: 85764 tive occurrence hes Dam (3712085), Copper -120.62800 4200574 E708470	HTS FERRY ACC // 1937 AND 1938 EO Index: Presence: Trend: ropolis (3712086)	CORDING TO B HOOVER CO 86794 Presumed E Unknown	Accuracy: Elevation (ft): Acres:	S FIELDWC Element Site Last Record L	DRK. Last Seen: t Seen:	2000-XX-XX
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	MAPPED I OCCURRE UNKNOWI 16 Unknown Natural/Na New Melor Calaveras 37.92885 / Zone-10 N T01N, R12 BLACK CF EXACT LC	BY CNDDB AROUND KNIG ENCE KNOWN ONLY FROM Map Index: 85764 tive occurrence nes Dam (3712085), Copper -120.62800 4200574 E708470 E, Sec. 23 (M)	HTS FERRY ACC 1937 AND 1938 EO Index: Presence: Trend: Topolis (3712086) COPPEROPOLIS	CORDING TO B HOOVER CO 86794 Presumed E Unknown	Accuracy: Elevation (ft): Acres: /ADA FOOTHILLS.	S FIELDWC Element Site Last Record L 1 mile 0.0	DRK. Last Seen: Seen: Last Updated:	2000-XX-XX 2012-04-18
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	MAPPED I OCCURRE UNKNOWI 16 Unknown Natural/Na New Melor Calaveras 37.92885 / Zone-10 N T01N, R12 BLACK CF EXACT LC 2000 HRU	BY CNDDB AROUND KNIG ENCE KNOWN ONLY FROM Map Index: 85764 tive occurrence hes Dam (3712085), Copper -120.62800 4200574 E708470 E, Sec. 23 (M) REEK RANCH, SOUTH OF C DCATION UNKNOWN. MAP	HTS FERRY ACC A 1937 AND 1938 EO Index: Presence: Trend: Topolis (3712086) COPPEROPOLIS PED BY CNDDB	CORDING TO B HOOVER CO 86794 Presumed E Unknown	Accuracy: Elevation (ft): Acres: /ADA FOOTHILLS.	S FIELDWC Element Site Last Record L 1 mile 0.0	DRK. Last Seen: Seen: Last Updated:	2000-XX-XX 2012-04-18
Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	MAPPED I OCCURRE UNKNOWI 16 Unknown Natural/Na New Melor Calaveras 37.92885 / Zone-10 N T01N, R12 BLACK CF EXACT LC 2000 HRU MOIST RC	BY CNDDB AROUND KNIG ENCE KNOWN ONLY FROM N Map Index: 85764 tive occurrence hes Dam (3712085), Copper -120.62800 4200574 E708470 E, Sec. 23 (M) REEK RANCH, SOUTH OF O DCATION UNKNOWN. MAP SA OBSERVATION.	HTS FERRY ACC // 1937 AND 1938 EO Index: Presence: Trend: Trend: Topolis (3712086) COPPEROPOLIS PED BY CNDDB //MILL CREEK.	CORDING TO B HOOVER CO 86794 Presumed E Unknown 5, SIERRA NEV AS BEST GUE	Accuracy: Elevation (ft): Acres: /ADA FOOTHILLS. ESS AROUND BLAC	S FIELDWC Element Site Last Record L 1 mile 0.0	DRK. Last Seen: Seen: Last Updated:	2000-XX-XX 2012-04-18



**California Natural Diversity Database** 



Element Code: PDAST7P010

Pseudobahia	bahiifolia
i Scuuobaina	Darmona

Hatweg's golden suburst Listing Status: Federal: Endangered CNDDB Element Ranks: Global: G1 State: S1 State: Rare Plant Rank - 18.1, SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden Habitat: General: VALLEY AND FOOTHILL GRASSLAND; CISMONTANE WOODLAND. Micro: CLAY SOLS; OFTEN ACIDIC: PREDOMINANTLY ON THE NORTHERN SLOPES OF KNOLLS, BUT ALSO ALONG SHADY CHEEKS OR NEAR VERNAL POOLS; 60-770 M. Occurrence No. 11 Map Index: 30237 ED Index: 16010 Ccc. Rank: None Presence: Possibly Extipated Site Last Seen: 2010-04-09 Ccc. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2011-04-15 Quad Summary: Stanislaus Lat/Long: 37.80038 / 120.72096 Accuracy: 1 mile Lat/Long: 37.80038 / 120.72096 Accuracy: 1 mile Lat/Long: 37.80038 / 120.72096 Accuracy: 1 mile UTM: Zone-10 N4186113 E700647 Elevation (ft): 200 PLSS: 7015, R11E, Sec.35 (M) Acres: 0.0 Location: MAY STACK HLL & MILES EAST OF OAKDALE. Detailed Location: MAPPED ABCUT 8 MILES EAST OF OAKDALE. Location: MAPPED ABCUT 8 MILES EAST OF OAKDALE. Cound Summary: STERIBINS. Ecological: General: THE ACCESSIBLE LANDS ON BOTH SIDES OF THE HWY, 4-12 MI E OF OAKDALE, BUT SOIL CONDITIONS DIDN'T SEEM FAVORABLE IN 1990. NONE OSERVED VIOL Occ. Type: Natural/Native occurrence Treat. VIOL SOIL CONDITIONS DIDN'T SEEM FAVORABLE IN 1990. NONE OSERVED NION: COUND SOME NATIVE GRASSLAND STILL EXIST TO THE SG OF OAKDALE, BUT SOIL CONDITIONS DIDN'T SEEM FAVORABLE IN 1990. NONE OSERVED NION: COUND SOME NATIVE GRASSLAND STILL EXIST TO THE SG OF OAKDALE, BUT SOIL CONDITIONS DIDN'T SEEM FAVORABLE IN 1990. NONE OSERVED NION: COUND SOME NATIVE GRASSLAND STILL EXIST TO THE SG OF OAKDALE, BUT SOIL CONDITIONS DIDN'T SEEM FAVORABLE IN 1990. NONE OSERVED NION: COUND SOME NATIVE GRASSLAND STILL EXIST TO THE SG OF OAKDALE, BUT SOIL CONDITIONS DIDN'T SEEM FAVORABLE IN 1990. NONE OSERVED NION: COUND SOME NATIVE GRASSLAND STILL EXIST TO THE SG OF OAKDALE, BUT SOIL CONDITIONS DIDN'T SEEM FAVORABLE IN 1990. NONE OSERVED NION: COUND SOME NATIVE GRASSLAND STILL EXIST TO THE SG OF OAKDALE, BU	Hartweg's golder	eunhuret							
State:       Endangered       State:       S1         Habitat:       Rare Plant Rark - 1B.1, SB. CalBG/RSABC-Callomia/Rancho Santa Ana Botanic Garden         Habitat:       General:       VALLEY AND FOOTHILL GRASSLAND, CISMONTANE WOODLAND.         Mitero:       CLAY SOLIS, OFTEN ACIDIC. PREDOMINANTLY ON THE NORTHERN SLOPES OF KNOLLS, BUT ALSO ALONG SHADY CREEKS OR NEAR VERNAL POOLS. 60-170 M.       Element Last Seen:       1939-04-01         Occ. Rank:       None       Presence:       Possibly Extirpated       Site Last Seen:       1939-04-01         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2011-04-15         Quad Summary:       State::       State::       37.80038 / 120.72096       Accuracy::       1 mile         UTM:       Zone-10 N4186113 E700647       Elevation (ft):       200       Elevation (ft):       200         PLSS:       T015, R11E, Sec. 36 (M)       Accers:       0.0       Elevation (ft):       200       Elevation (ft):       200         Detailed Location:       MAPSTACK HILL, 84 MILES EAST OF OAKDALE:       Accuracy::       1 mile       State::       1 mile         General:       THE ACCESSIBLE LANDS ON BOTH SIDES OF THE HWY, 4-12 MI E OF OAKDALE, BUT SOLL QUARRY ON THE SOUTH SIDE OF THE ROAD, 7.6 MILES EAST OF OAKDALE, BUT SOL OAKDALE ALCONDITIONS DIONT SEEM FAVORABLE IN 1990. NON					_				
Other:       Rare Plant Rank - 1B.1, SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden         Habitat:       Other:       VALLEY AND FOOTHILL GRASSLAND, CISMONTANE WOODLAND.         Micro:       CALY SOILS, OFTEN ACDIC, REPROMINANTY OW THE NORTHERN SLOPES OF KNOLLS, BUT ALSO ALONG SHADY CREEKS OR NEAR VERNAL POOLS. 60-170 M.       Element Last Seen:       1930-04-01         Occurrence No.       11       Map Index: 30237       EO Index:       16910       Element Last Seen:       2010-04-09         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2011-04-15         Quad Summary:       Knights Ferry (3712076)       County Summary:       Stanislaus       Lat/Long:       37.80038 / -120.72096       Accuracy::       1 mile       UTM:       Zone-10 N4186113 E700647       Elevation (ft):       200       PLSS:       Distantistant         Lat/Long:       37.80038 / -120.72096       Accuracy::       1 mile       County Summary:       Stanislaus         Lat/Long:       37.80038 / -120.72096       Accuracy::       1 mile       County Summary:       Stanislaus         Lat/Long:       37.80038 / -120.72096       Accuracy::       1 mile       County Summary:       Stanislaus         Castion:       HAYSTACK HILL, 8 MILES EAST OF OAKDALE.       Accuracy::       1 Stanislaus	Listing Status:	Federal:	Endangered		CND	DB Element Rank	s: Global:	G1	
Habitat:         General:         VALLEY AND FOOTHILL GRASSLAND, CISMONTANE WOODLAND.           Micro:         CLAY SOILS, OFTEN ACIDIC. PREDOMINANTLY ON THE NORTHERN SLOPES OF KNOLLS, BUT ALSO ALONG           Occurrence No.         11         Map Index: 30237         E0 Index:         16910         Element Last Seen:         1339-04-01           Occ. Rank:         None         Presence:         Possibly Extirpated         Site Last Seen:         2010-04-09           Occ. Type:         Natural/Native occurrence         Trend:         Unknown         Record Last Updated:         2011-04-15           Ouad Summary:         Kingits Ferry (3712076)         Courny Summary:         Stanislaue         2010-04-09           Ouad Summary:         Stanislaue         Elevation (ft):         200         2010-04-05           UTM:         Zone-10 M4186113 E700647         Elevation (ft):         200         2010-04-05           PLSS:         To1s, R11E, Sec. 36 (M)         Accers:         0.0         Occurrence         NOW #N OLD SOIL QUARRY ON THE SOUTH SIDES OF THE ROAD, 7.6 MILES EAST OF OAKDALE.           Detailed Location:         MAPFED ABOUT B MILES EAST OF OAKDALE ALONG HWY 120/108. THE LIKELY STE FOR HOOVER'S COLLECTIONS DIDNT SEEM FOUND. SOME NATIVE GRASSLAND STILL EXISTS TO THE SGO FOAKDALE ACCORDING TO J. STEBBINS.         Ecological:         General:         Colunt Summary:         Stanislaue		State:	Endangered				State:	S1	
Micre:         CLAY SOILS, OFTEN ACIDIC. PREDOMINANTLY ON THE NORTHERN SLOPES OF KNOLLS, BUT ALSO ALONG SHADY CREEKS OR NEAR VERNAL POOLS. 60-170 M.         Element Last Seen:         1939-04-01           Occurrence No.         11         Map Index: 30237         EO Index:         16910         Element Last Seen:         1939-04-01           Occ. Rank:         None         Presence:         Possibly Extirpated         Site Last Seen:         2010-04-09           Occ. Type:         Natural/Native occurrence         Tend:         Unknown         Record Last Updated:         2011-04-15           Oued Summary:         Stanislaus          Hindex:         1 mile         2011-04-15           Lat/Long:         37.80038 / 120.72096         Kaping Sector         Accuracy:         1 mile         1           Location:         HAYSTACK HILL, 8 MILES EAST OF OAKDALE.         Elevation (ft):         200         1           Detailed Location:         MAPPED ABOUT 8 MILES EAST OF OAKDALE.         Acres:         0.0         1           Ecological:         FOUND, SOME NATIVE GRASSLADS SON FOT HE HWY, 4-12 MI E OF OAKDALE WERE SURVEYED IN 1990; NO PLANTS FOUND SOM NATIVE GRASSLADS SOF OAKDALE, BUT SOL CONDITIONS DIDNT SUBDY SOF FATHE ROAD, 7.6 MILES EAST OF OAKDALE, BUT SOL CONDITIONS DIDNT SUBDY SOF THE HWY, 4-12 MI E OF OAKDALE, MERE SURVEYED IN 1990; NO PLANTS FOUND SOM NATIVE GRASSLADS SOF OAKDALE, BUT SOL CONDITIONS DIDNT SUBLY SOF FATHE ROAD, 7.6 MILES EA		Other:	Rare Plant Rank - 1B.1, SB	_CalBG/RSABG	i-California/Rar	icho Santa Ana Bo	tanic Garder	1	
SHADY CREEKS OR NEAR VERNAL POOLS. 60-170 M.         Element Last Seen:         193-04-01           Occ. Rank:         None         Presence:         Possibly Exlinated         Site Last Seen:         2010-04-09           Occ. Type:         Natural/Native occurrence         Trend:         Unknown         Record Last Updated:         2011-04-15           Quad Summary:         Knights Ferry (3712076)         Knights Ferry (3712076)         Record Last Updated:         2011-04-15           County Summary:         Stanislaus	Habitat:	General:	VALLEY AND FOOTHILL G	RASSLAND, CI	SMONTANE W	/OODLAND.			
Occ. Rank:     None     Presence:     Possibly Extirpated     Site Last Seen:     2010-04-09       Occ. Type:     Natural/Native occurrence     Trend:     Unknown     Record Last Updated:     2011-04-15       Quad Summary:     Knights Ferry (3712076)       2011-04-15       County Summary:     Stanislaus          Lat/Long:     37.80038 / -120.72096     Accuracy:     1 mile        UTM:     Zone-10 M4186113 E700647     Elevation (ft):     200        PLSS:     T015, R11E, Sec. 35 (M)     Acres:     0.0        Location:     HAYSTACK HILL, 8 MILES EAST OF OAKDALE          Detailed Location:     MAPPED ABOUT 8 MILES EAST OF OAKDALE ALONG HWY 120/108. THE LIKELY SITE FOR HOOVER'S COLLECTIONS IS NOW AN OLD SOIL QUARRY ON THE SOUT HISIDE OF THE ROAD, 7.6 MILES EAST OF OAKDALE ACCORDING TO J. STEBBINS.       Ecological:     General:     THE ACCESSIBLE LANDS ON BOTH SIDES OF THE HWY, 4-12 MI E OF OAKDALE, BUT SOIL CONDITIONS DIDNT SEEM FOUND. SOME NATIVE GRASSLAND STILL EXISTS TO THE SE OF OAKDALE, BUT SOIL CONDITIONS DIDNT SEEM FOUND. SOME NATIVE GRASSLAND STILL EXISTS TO THE SE OF OAKDALE, BUT SOIL CONDITIONS DIDNT SEEM FOUND. SOME NATIVE GRASSLAND STILL EXISTS TO THE SE OF OAKDALE, BUT SOIL CONDITIONS DIDNT SEEM FOUND. SOME NATIVE GRASSLAND STILL EXISTS TO THE SE OF OAKDALE.     1937-04-01       Occurrence No.     34     Map Index: 46009     EO Index: 63657     Element Last		Micro:				E NORTHERN SLO	OPES OF KI	NOLLS, BUT AL	SO ALONG
Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2011-04-15         Quad Summary:       Knights Ferry (3712076)       Stanislaus       Imile	Occurrence No.	11	Map Index: 30237	EO Index:	16910		Element	Last Seen:	1939-04-01
Quad Summary:       Knights Ferry (3712076)         County Summary:       Stanislaus         Lat/Long:       37.80038 / -120.72096       Accuracy:       1 mile         UTM:       Zone-10 N4186113 E700647       Elevation (ft):       200         PLSS:       T01S, R11E, Sec. 35 (M)       Acres:       0.0         Location:       HAYSTACK HILL, 8 MILES EAST OF OAKDALE.       Detailed Location:       MAPPED ABOUT & MILES EAST OF OAKDALE. ALONG HWY 120/108. THE LIKELY SITE FOR HOOVER'S COLLECTIONS IS STEBBINS.         Ecological:       General:       THE ACCESSIBLE LANDS ON BOTH SIDES OF THE HWY, 4-12 MI E OF OAKDALE WERE SURVEYED IN 1990; NO PLANTS FOUND. SOME NATIVE GRASSLAND STILL EXISTS TO THE SE OF OAKDALE, BUT SOIL CONDITIONS DIDN'T SEEM FAVORABLE IN 1990. NONE OBSERVED IN 2010.         Owner/Manager:       PVT         Occurrence No.       34       Map Index: 46009       EO Index:       63657       Element Last Seen:       1937-04-01         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2011-04-14         Quad Summary:       Knights Ferry (3712076)       County Summary:       Stanislaus, Tuolumne       20.0         Lat/Long:       37.81954 / -120.64529       Accuracy:       3/5 mile       20.1         UTM:       Zone-10 N4188405 E707267       Elevation (ft):       PLSS:	Occ. Rank:	None		Presence:	Possibly Exti	rpated	Site Las	t Seen:	2010-04-09
County Summary:       Stanislaus         Lat/Long:       37.80038 / -120.72096       Accuracy:       1 mile         UTM:       Zone-10 N4186113 E700647       Elevation (ft):       200         PLSS:       T01S, R11E, Sec. 35 (M)       Acres:       0.0         Location:       HAYSTACK HILL, 8 MILES EAST OF OAKDALE.       MAPPED ABOUT 8 MILES EAST OF OAKDALE ALONG HWY 120/108. THE LIKELY SITE FOR HOOVER'S COLLECTIONS IS NOW AN OLD SOIL QUARRY ON THE SOLTH SIDE OF THE ROAD, 7.6 MILES EAST OF OAKDALE ACCORDING TO J. STEBBINS.         Ecological:       General:       THE ACCESSIBLE LANDS ON BOTH SIDES OF THE HWY, 4-12 MI E OF OAKDALE, BUT SOIL CONDITIONS DIDN'T SEEM FOVORABLE IN 1990. NOP EOBSERVED IN 2010.         Owner/Manager:       PVT         Occurrence No.       34       Map Index: 46009       EO Index:       63657       Element Last Seen:       1937-04-01         Occ. Rank:       Unknown       Presence:       Presumed Extant       Site Last Seen:       2010-04-09         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2011-04-14         Quad Summary:       Stanislaus, Tuolumme       Lat/Long:       37.81954 / -120.64529       Accuracy:       3/5 mile         Location:       1 MILE EAST OF KNIGHTS FERRY.       Elevation (ft):       PLSS:       0.0         Location: <th>Осс. Туре:</th> <th>Natural/Na</th> <th>ative occurrence</th> <th>Trend:</th> <th>Unknown</th> <th></th> <th>Record</th> <th>Last Updated:</th> <th>2011-04-15</th>	Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown		Record	Last Updated:	2011-04-15
Lat/Long:       37.80038 / -120.72096       Accuracy:       1 mile         UTM:       Zone-10 N4186113 E700647       Elevation (ft):       200         PLSS:       T01S, R11E, Sec. 35 (M)       Acres:       0.0         Location:       HAYSTACK HILL, 8 MILES EAST OF OAKDALE.       MAPPED ABOUT 8 MILES EAST OF OAKDALE ALONG HWY 120/108, THE LIKELY SITE FOR HOOVER'S COLLECTIONS IS NOW AN OLD SOIL QUARRY ON THE SOUTH SIDE OF THE ROAD, 7.6 MILES EAST OF OAKDALE ACCORDING TO J. STEBBINS.         Ecological:       General:       TH ACCESSIBLE LANDS ON BOTH SIDES OF THE HWY, 4-12 MI E OF OAKDALE, BUT SOIL CONDITIONS DIDN'T SEEM FAVORABLE IN 1990. NONE OBSERVED IN 2010.         Owner/Manager:       PVT         Occurrence No.       34       Map Index: 46009       EO Index:       63657       Element Last Seen:       1937-04-01         Occ. Rank:       Unknown       Presence:       Presumed Extant       Site Last Seen:       2010-04-09         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2011-04-14         Quad Summary:       Stanislaus, Tuolumne       Lat/Long:       37.81954 / -120.64529       Accuracy:       3/5 mile         Location:       I MILE EAST OF KNIGHTS FERRY.       Elevation (ft):       PLSS:       0.0         Location:       I MILE EAST OF KNIGHTS FERRY.       O.0	Quad Summary:	Knights Fe	erry (3712076)						
UTM:       Zone-10 N4186113 E700647       Elevation (ft):       200         PLSS:       T01S, R11E, Sec. 35 (M)       Acres:       0.0         Location:       HAYSTACK HILL, 8 MILES EAST OF OAKDALE.       MAPPED ABOUT 8 MILES EAST OF OAKDALE ALONG HWY 120/108. THE LIKELY SITE FOR HOOVER'S COLLECTIONS IS NOW AN OLD SOIL QUARRY ON THE SOUTH SIDE OF THE ROAD, 7.6 MILES EAST OF OAKDALE ACCORDING TO J. STEEDINS.         Ecological:       General:       THE ACCESSIBLE LANDS ON BOTH SIDES OF THE HWY, 4-12 MI E OF OAKDALE WERE SURVEYED IN 1990; NO PLANTS FOUND. SOME NATIVE GRASSLAND STILL EXISTS TO THE SE OF OAKDALE, BUT SONDITIONS DIDN'T SEM FAVORABLE IN 1990. NONE OBSERVED IN 2010.       STEEDING.         Owner/Manager:       PVT       Element Last Seen:       1937-04-01         Occ. Rank:       Unknown       Presence:       Presumed Extant       Site Last Seen:       2010-04-09         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2011-04-14         Quad Summary:       Stanislaus, Tuolumne       Zone-10 N4188405 E707257       Elevation (ft):       PLSS:       0.0         Location:       1 MILE EAST OF KNIGHTS FERRY.       Detailed Location:       1 MILE EAST OF KNIGHTS FERRY.       O.0         Detailed Location:       1 MILE EAST OF KNIGHTS FERRY.       CCURRENCE KNOWN ONLY FROM A 1937 COLLECTION BS ELSHAW. NOT OBSERVED HERE IN 2010 AND HABITAT CONDITIONS DID NOT APPEAR SUITABLE FOR SPECIES	County Summary:	Stanislaus	5						
PLSS:       T01S, R11E, Sec. 35 (M)       Acres:       0.0         Location:       HAYSTACK HILL, 8 MILES EAST OF OAKDALE.         Detailed Location:       MAPPED ABOUT 8 MILES EAST OF OAKDALE ALONG HWY 120/108. THE LIKELY SITE FOR HOOVER'S COLLECTIONS IS NOW AN OLD SOIL QUARRY ON THE SOUTH SIDE OF THE ROAD, 7.6 MILES EAST OF OAKDALE ACCORDING TO J. STEBBINS.         Ecological:       General:       THE ACCESSIBLE LANDS ON BOTH SIDES OF THE HWY, 4-12 MI E OF OAKDALE, BUT SOIL CONDITIONS DIDN'T SEEM FAVORABLE IN 1990. NONE OBSERVED IN 2010.       Stebale State Sta	Lat/Long:	37.80038	/ -120.72096			Accuracy:	1 mile		
Location:       HAYSTACK HILL, 8 MILES EAST OF OAKDALE.         Detailed Location:       MAPPED ABOUT 8 MILES EAST OF OAKDALE ALONG HWY 120/108. THE LIKELY SITE FOR HOOVER'S COLLECTIONS IS NOW AN OLD SOIL QUARRY ON THE SOUTH SIDE OF THE ROAD, 7.6 MILES EAST OF OAKDALE ACCORDING TO J. STEBBINS.         Ecological:       General:       THE ACCESSIBLE LANDS ON BOTH SIDES OF THE HWY, 4-12 MI E OF OAKDALE WERE SURVEYED IN 1990; NO PLANTS FOUND. SOME NATIVE GRASSLAND STILL EXISTS TO THE SE OF OAKDALE, BUT SOIL CONDITIONS DIDN'T SEEM FAVORABLE IN 1990; NO NONE OBSERVED IN 2010.         Owner/Manager:       PVT         Occurrence No.       34       Map Index: 46009       EO Index:       63657       Element Last Seen:       1937-04-01         Occ. Rank:       Unknown       Presence:       Presumed Extant       Site Last Seen:       2010-04-09         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2011-04-14         Quad Summary:       Knights Ferry (3712076)       County Summary:       Stanislaus, Tuolumne       2010-04-09         Lat/Long:       37.81954 / -120.64529       Accuracy:       3/5 mile       2011-04-14         UTM:       Zone-10 M4188405 E707257       Elevation (ft):       PLSS:       0.0         Location:       1       MILE EAST OF KNIGHTS FERRY.       Acres:       0.0         Location:       1	UTM:	Zone-10 N	N4186113 E700647			Elevation (ft):	200		
Detailed Location:       MAPPED ABOUT 8 MILES EAST OF OAKDALE ALONG HWY 120/108. THE LIKELY SITE FOR HOOVER'S COLLECTIONS IS NOW AN OLD SOIL QUARRY ON THE SOUTH SIDE OF THE ROAD, 7.6 MILES EAST OF OAKDALE ACCORDING TO J. STEBBINS.         Ecological:       General:       THE ACCESSIBLE LANDS ON BOTH SIDES OF THE HWY, 4-12 MI E OF OAKDALE WERE SURVEYED IN 1990; NO PLANTS FOUND. SOME NATIVE GRASSLAND STILL EXISTS TO THE SE OF OAKDALE, BUT SOIL CONDITIONS DIDN'T SEEM FAVORABLE IN 1990. NONE OBSERVED IN 2010.         Owner/Manager:       PVT         Occurrence No.       34       Map Index: 46009       EO Index: 63657       Element Last Seen: 1937-04-01         Occ. Rank:       Unknown       Presence:       Presumed Extant       Site Last Seen: 2010-04-09         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated: 2011-04-14         Quad Summary:       Knights Ferry (3712076)       Stanislaus, Tuolumne       Image: 37.81954 / -120.64529       Accuracy: 3/5 mile         Lat/Long:       37.81954 / -120.64529       Accuracy: 3/5 mile       0.0         Location:       1 MILE EAST OF KNIGHTS FERRY.       Image: 0.0       Image: 0.0         Location:       1 MILE EAST OF KNIGHTS FERRY.       Image: 0.0       Image: 0.0         Location:       1 MILE EAST OF KNIGHTS FERRY.       Image: 0.0       Image: 0.0         Location:       1 MILE EAST OF KNIGHTS FERRY.       Im	PLSS:	T01S, R1 <sup>-</sup>	1E, Sec. 35 (M)			Acres:	0.0		
NOW AN OLD SOIL QUARRY ON THE SOUTH SIDE OF THE ROAD, 7.6 MILES EAST OF OAKDALE ACCORDING TO J. STEBBINS.         Ecological:         General:       THE ACCESSIBLE LANDS ON BOTH SIDES OF THE HWY, 4-12 MI E OF OAKDALE WERE SURVEYED IN 1990; NO PLANTS FOUND. SOME NATIVE GRASSLAND STILL EXISTS TO THE SE OF OAKDALE, BUT SOIL CONDITIONS DIDN'T SEEM FAVORABLE IN 1990. NONE OBSERVED IN 2010.         Owner/Manager:       PVT         Occurrence No.       34       Map Index: 46009       EO Index: 63657       Element Last Seen: 1937-04-01         Occ. Rank:       Unknown       Presence:       Presumed Extant       Site Last Seen: 2010-04-09         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated: 2011-04-14         Quad Summary:       Knights Ferry (3712076)       Stanislaus, Tuolumne       2010-04-09       201-04-09         Lat/Long:       37.81954 / -120.64529       Accuracy:       3/5 mile       201-04-14         UTM:       Zone-10 N4188405 E707257       Elevation (ft):       PLSS:       101S, R12E, Sec. 27 (M)       Accuracy:       3/5 mile         Location:       1 MILE EAST OF KNIGHTS FERRY.       Acres:       0.0       0.0       0         Location:       1 MILE EAST OF KNIGHTS FERRY.       Acres:       0.0       0       0         Location:       1 MILE EAST OF KNIGHTS FERRY.       <	Location:	HAYSTAC	CK HILL, 8 MILES EAST OF C	AKDALE.					
General:       THE ACCESSIBLE LANDS ON BOTH SIDES OF THE HWY, 4-12 MI E OF OAKDALE WERE SURVEYED IN 1990; NO PLANTS FOUND, SOME NATIVE GRASSLAND STILL EXISTS TO THE SE OF OAKDALE, BUT SOIL CONDITIONS DIDN'T SEEM FAVORABLE IN 1990. NONE OBSERVED IN 2010.         Owner/Manager:       PVT         Occurrence No.       34       Map Index: 46009       EO Index:       63657       Element Last Seen:       1937-04-01         Occ. Rank:       Unknown       Presence:       Presumed Extant       Site Last Seen:       2010-04-09         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2011-04-14         Quad Summary:       Stanislaus, Tuolumne       Accuracy:       3/5 mile       Site       201-04-09         Lat/Long:       37.81954 / -120.64529       Accuracy:       3/5 mile       UTM:       201-04-14         UTM:       Zone-10 N4188405 E707257       Elevation (ft):       Elevati	Detailed Location:	NOW AN	OLD SOIL QUARRY ON THE						
FOUND. SOME NATIVE GRASSLAND STILL EXISTS TO THE SE OF OAKDALE, BUT SOIL CONDITIONS DIDN'T SEEM         GOWner/Manager:       PVT         Occurrence No.       34       Map Index: 46009       EO Index:       63657       Element Last Seen:       1937-04-01         Occ. Rank:       Unknown       Presence:       Presumed Extant       Site Last Seen:       2010-04-09         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2011-04-14         Quad Summary:       Knights Ferry (3712076)       Accuracy:       3/5 mile       Stiel       2011-04-14         Quad Summary:       Stanislaus, Tuolumne       Accuracy:       3/5 mile       100-0000000000000000000000000000000000	Ecological:								
Occurrence No.         34         Map Index: 46009         EO Index:         63657         Element Last Seen:         1937-04-01           Occ. Rank:         Unknown         Presence:         Presumed Extant         Site Last Seen:         2010-04-09           Occ. Type:         Natural/Native occurrence         Trend:         Unknown         Record Last Updated:         2011-04-14           Quad Summary:         Knights Ferry (3712076)         Valural/Native occurrence         Accuracy:         3/5 mile           County Summary:         Stanislaus, Tuolumne         Accuracy:         3/5 mile         Valural/Native occurrence         Elevation (ft):           PLSS:         T01S, R12E, Sec. 27 (M)         Acres:         0.0         Valurative occurrence         Valurative occurrence           Location:         1 MILE EAST OF KNIGHTS FERRY.         Acres:         0.0         Valurative occurrence         Valurative occurence         Valurative oc									
Occ. Rank: Occ. Type:UnknownPresence: Trend:Presumed ExtantSite Last Seen:2010-04-09Occ. Type:Natural/Native occurrenceTrend:UnknownRecord Last Updated:2011-04-14Quad Summary: County Summary:Knights Ferry (3712076)Stanislaus, TuolumneVVVLat/Long:S7.81954 / -120.64529Accuracy:3/5 mileVVUTM:Zone-10 N4188405 E707257Elevation (ft):VVVPLSS:T01S, R12E, Sec. 27 (M)Acres:0.0VVLocation:1 MILE EAST OF KNIGHTS FERRY.Detailed Location:LOCATION DESCRIPTION VAGUE; MAPPED AS BEST GUESS 1 AIR MILE EAST OF KNIGHTS FERRY, IN VICINITY OF HIGHWAY 108/120.VVEcological:AROUND MARGINS OF VOLCANIC BOULDERS.General:OCCURRENCE KNOWN ONLY FROM A 1937 COLLECTION BY BELSHAW. NOT OBSERVED HERE IN 2010 AND HABITAT CONDITIONS DID NOT APPEAR SUITABLE FOR SPECIES (SUBSTATE IS DARK VOLVANIC MATERIAL, NOT ADVER LOAM)	•	FOUND. S	SOME NATIVE GRASSLAND	STILL EXISTS 1	HWY, 4-12 MI E FO THE SE OF	E OF OAKDALE W OAKDALE, BUT S	ERE SURVE SOIL CONDI	EYED IN 1990; N TIONS DIDN'T S	NO PLANTS SEEM
Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2011-04-14         Quad Summary:       Knights Ferry (3712076)       Knights Ferry (3712076)       Knights Ferry (3712076)       Knights Ferry (3712076)         County Summary:       Stanislaus, Tuolumne       Accuracy:       3/5 mile         Lat/Long:       37.81954 / -120.64529       Accuracy:       3/5 mile         UTM:       Zone-10 N4188405 E707257       Elevation (ft):         PLSS:       T01S, R12E, Sec. 27 (M)       Acres:       0.0         Location:       1 MILE EAST OF KNIGHTS FERRY.       Detailed Location:       LOCATION DESCRIPTION VAGUE; MAPPED AS BEST GUESS 1 AIR MILE EAST OF KNIGHTS FERRY, IN VICINITY OF HIGHWAY 108/120.         Ecological:       AROUND MARGINS OF VOLCANIC BOULDERS.       General:       OCCURRENCE KNOWN ONLY FROM A 1937 COLLECTION BY BELSHAW. NOT OBSERVED HERE IN 2010 AND HABITAT CONDITIONS DID NOT APPEAR SUITABLE FOR SPECIES (SUBSTATE IS DARK VOLCANIC MATERIAL, NOT AMADOR LOAM).	General:	FOUND. S FAVORAE	SOME NATIVE GRASSLAND	STILL EXISTS 1	HWY, 4-12 MI E FO THE SE OF	E OF OAKDALE W OAKDALE, BUT S	ERE SURVE Soil Condi	eyed in 1990; n Tions didn't s	IO PLANTS SEEM
Quad Summary:       Knights Ferry (3712076)         County Summary:       Stanislaus, Tuolumne         Lat/Long:       37.81954 / -120.64529       Accuracy:       3/5 mile         UTM:       Zone-10 N4188405 E707257       Elevation (ft):         PLSS:       T01S, R12E, Sec. 27 (M)       Acres:       0.0         Location:       1 MILE EAST OF KNIGHTS FERRY.         Detailed Location:       LOCATION DESCRIPTION VAGUE; MAPPED AS BEST GUESS 1 AIR MILE EAST OF KNIGHTS FERRY, IN VICINITY OF HIGHWAY 108/120.         Ecological:       AROUND MARGINS OF VOLCANIC BOULDERS.         General:       OCCURRENCE KNOWN ONLY FROM A 1937 COLLECTION BY BELSHAW. NOT OBSERVED HERE IN 2010 AND HABITAT CONDITIONS DID NOT APPEAR SUITABLE FOR SPECIES (SUBSTATE IS DARK VOLCANIC MATERIAL, NOT AMADOR LOAM).	General: Owner/Manager:	Found. S Favorae Pvt	SOME NATIVE GRASSLAND BLE IN 1990. NONE OBSERV	STILL EXISTS 1 'ED IN 2010.	FO THE SE OF	E OF OAKDALE W OAKDALE, BUT S	SOIL CONDI	TIONS DIDN'T S	SEEM
County Summary:       Stanislaus, Tuolumne         Lat/Long:       37.81954 / -120.64529       Accuracy:       3/5 mile         UTM:       Zone-10 N4188405 E707257       Elevation (ft):         PLSS:       T01S, R12E, Sec. 27 (M)       Acres:       0.0         Location:       1 MILE EAST OF KNIGHTS FERRY.         Detailed Location:       LOCATION DESCRIPTION VAGUE; MAPPED AS BEST GUESS 1 AIR MILE EAST OF KNIGHTS FERRY, IN VICINITY OF HIGHWAY 108/120.         Ecological:       AROUND MARGINS OF VOLCANIC BOULDERS.       General:       OCCURRENCE KNOWN ONLY FROM A 1937 COLLECTION BY BELSHAW. NOT OBSERVED HERE IN 2010 AND HABITAT CONDITIONS DID NOT APPEAR SUITABLE FOR SPECIES (SUBSTATE IS DARK VOLCANIC MATERIAL, NOT AMADOR LOAM).	General: Owner/Manager: Occurrence No.	FOUND. S FAVORAE PVT 34	SOME NATIVE GRASSLAND BLE IN 1990. NONE OBSERV	STILL EXISTS 1 ED IN 2010. EO Index:	FO THE SE OF 63657	OAKDALE, BUT S	SOIL CONDI	TIONS DIDN'T S	SEEM 1937-04-01
Lat/Long:       37.81954 / -120.64529       Accuracy:       3/5 mile         UTM:       Zone-10 N4188405 E707257       Elevation (ft):         PLSS:       T01S, R12E, Sec. 27 (M)       Acres:       0.0         Location:       1 MILE EAST OF KNIGHTS FERRY.       Acres:       0.0         Detailed Location:       LOCATION DESCRIPTION VAGUE; MAPPED AS BEST GUESS 1 AIR MILE EAST OF KNIGHTS FERRY, IN VICINITY OF HIGHWAY 108/120.         Ecological:       AROUND MARGINS OF VOLCANIC BOULDERS.       General:       OCCURRENCE KNOWN ONLY FROM A 1937 COLLECTION BY BELSHAW. NOT OBSERVED HERE IN 2010 AND HABITAT CONDITIONS DID NOT APPEAR SUITABLE FOR SPECIES (SUBSTATE IS DARK VOLCANIC MATERIAL, NOT AMADOR LOAM).	General: Owner/Manager: Occurrence No. Occ. Rank:	FOUND. S FAVORAE PVT 34 Unknown	SOME NATIVE GRASSLAND BLE IN 1990. NONE OBSERV Map Index: 46009	STILL EXISTS 1 ED IN 2010. EO Index: Presence:	FO THE SE OF 63657 Presumed Ex	OAKDALE, BUT S	COIL CONDI	TIONS DIDN'T S Last Seen: t Seen:	SEEM 1937-04-01 2010-04-09
UTM:Zone-10 N4188405 E707257Elevation (ft):PLSS:T01S, R12E, Sec. 27 (M)Acres:0.0Location:1 MILE EAST OF KNIGHTS FERRY.Detailed Location:LOCATION DESCRIPTION VAGUE; MAPPED AS BEST GUESS 1 AIR MILE EAST OF KNIGHTS FERRY, IN VICINITY OF HIGHWAY 108/120.Ecological:AROUND MARGINS OF VOLCANIC BOULDERS.General:OCCURRENCE KNOWN ONLY FROM A 1937 COLLECTION BY BELSHAW. NOT OBSERVED HERE IN 2010 AND HABITAT CONDITIONS DID NOT APPEAR SUITABLE FOR SPECIES (SUBSTATE IS DARK VOLCANIC MATERIAL, NOT AMADOR LOAM).	General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	FOUND. S FAVORAB PVT 34 Unknown Natural/Na	SOME NATIVE GRASSLAND BLE IN 1990. NONE OBSERV Map Index: 46009 ative occurrence	STILL EXISTS 1 ED IN 2010. EO Index: Presence:	FO THE SE OF 63657 Presumed Ex	OAKDALE, BUT S	COIL CONDI	TIONS DIDN'T S Last Seen: t Seen:	SEEM 1937-04-01 2010-04-09
UTM:Zone-10 N4188405 E707257Elevation (ft):PLSS:T01S, R12E, Sec. 27 (M)Acres:0.0Location:1 MILE EAST OF KNIGHTS FERRY.Detailed Location:LOCATION DESCRIPTION VAGUE; MAPPED AS BEST GUESS 1 AIR MILE EAST OF KNIGHTS FERRY, IN VICINITY OF HIGHWAY 108/120.Ecological:AROUND MARGINS OF VOLCANIC BOULDERS.General:OCCURRENCE KNOWN ONLY FROM A 1937 COLLECTION BY BELSHAW. NOT OBSERVED HERE IN 2010 AND HABITAT CONDITIONS DID NOT APPEAR SUITABLE FOR SPECIES (SUBSTATE IS DARK VOLCANIC MATERIAL, NOT AMADOR LOAM).	General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	FOUND. S FAVORAE PVT 34 Unknown Natural/Na Knights Fe	SOME NATIVE GRASSLAND BLE IN 1990. NONE OBSERV Map Index: 46009 ative occurrence erry (3712076)	STILL EXISTS 1 ED IN 2010. EO Index: Presence:	FO THE SE OF 63657 Presumed Ex	OAKDALE, BUT S	COIL CONDI	TIONS DIDN'T S Last Seen: t Seen:	SEEM 1937-04-01 2010-04-09
Location:       1 MILE EAST OF KNIGHTS FERRY.         Detailed Location:       LOCATION DESCRIPTION VAGUE; MAPPED AS BEST GUESS 1 AIR MILE EAST OF KNIGHTS FERRY, IN VICINITY OF HIGHWAY 108/120.         Ecological:       AROUND MARGINS OF VOLCANIC BOULDERS.         General:       OCCURRENCE KNOWN ONLY FROM A 1937 COLLECTION BY BELSHAW. NOT OBSERVED HERE IN 2010 AND HABITAT CONDITIONS DID NOT APPEAR SUITABLE FOR SPECIES (SUBSTATE IS DARK VOLCANIC MATERIAL, NOT AMADOR LOAM).	General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	FOUND. S FAVORAE PVT 34 Unknown Natural/Na Knights Fe Stanislaus	SOME NATIVE GRASSLAND BLE IN 1990. NONE OBSERV Map Index: 46009 ative occurrence erry (3712076) s, Tuolumne	STILL EXISTS 1 ED IN 2010. EO Index: Presence:	FO THE SE OF 63657 Presumed Ex	AKDALE, BUT S	Element Site Las Record	TIONS DIDN'T S Last Seen: t Seen:	SEEM 1937-04-01 2010-04-09
Detailed Location:       LOCATION DESCRIPTION VAGUE; MAPPED AS BEST GUESS 1 AIR MILE EAST OF KNIGHTS FERRY, IN VICINITY OF HIGHWAY 108/120.         Ecological:       AROUND MARGINS OF VOLCANIC BOULDERS.         General:       OCCURRENCE KNOWN ONLY FROM A 1937 COLLECTION BY BELSHAW. NOT OBSERVED HERE IN 2010 AND HABITAT CONDITIONS DID NOT APPEAR SUITABLE FOR SPECIES (SUBSTATE IS DARK VOLCANIC MATERIAL, NOT AMADOR LOAM).	General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	FOUND. S FAVORAE PVT 34 Unknown Natural/Na Knights Fe Stanislaus 37.81954	SOME NATIVE GRASSLAND BLE IN 1990. NONE OBSERV Map Index: 46009 ative occurrence erry (3712076) s, Tuolumne / -120.64529	STILL EXISTS 1 ED IN 2010. EO Index: Presence:	FO THE SE OF 63657 Presumed Ex	Accuracy:	Element Site Las Record	TIONS DIDN'T S Last Seen: t Seen:	SEEM 1937-04-01 2010-04-09
HIGHWAY 108/120.         Ecological:       AROUND MARGINS OF VOLCANIC BOULDERS.         General:       OCCURRENCE KNOWN ONLY FROM A 1937 COLLECTION BY BELSHAW. NOT OBSERVED HERE IN 2010 AND HABITAT CONDITIONS DID NOT APPEAR SUITABLE FOR SPECIES (SUBSTATE IS DARK VOLCANIC MATERIAL, NOT AMADOR LOAM).	General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	FOUND. S FAVORAB PVT 34 Unknown Natural/Na Knights Fo Stanislaus 37.81954 Zone-10 N	SOME NATIVE GRASSLAND BLE IN 1990. NONE OBSERV Map Index: 46009 ative occurrence erry (3712076) s, Tuolumne / -120.64529 N4188405 E707257	STILL EXISTS 1 ED IN 2010. EO Index: Presence:	FO THE SE OF 63657 Presumed Ex	Accuracy:	Element Site Las Record	TIONS DIDN'T S Last Seen: t Seen:	SEEM 1937-04-01 2010-04-09
General: OCCURRENCE KNOWN ONLY FROM A 1937 COLLECTION BY BELSHAW. NOT OBSERVED HERE IN 2010 AND HABITAT CONDITIONS DID NOT APPEAR SUITABLE FOR SPECIES (SUBSTATE IS DARK VOLCANIC MATERIAL, NOT AMADOR LOAM).	General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	FOUND. S FAVORAB PVT 34 Unknown Natural/Na Knights Fe Stanislaus 37.81954 Zone-10 N T01S, R12	SOME NATIVE GRASSLAND BLE IN 1990. NONE OBSERV Map Index: 46009 ative occurrence erry (3712076) s, Tuolumne / -120.64529 N4188405 E707257 2E, Sec. 27 (M)	STILL EXISTS 1 ED IN 2010. EO Index: Presence:	FO THE SE OF 63657 Presumed Ex	Accuracy:	Element Site Las Record	TIONS DIDN'T S Last Seen: t Seen:	SEEM 1937-04-01 2010-04-09
CONDITIONS DID NOT APPEAR SUITABLE FOR SPECIES (SUBSTATE IS DARK VOLCANIC MATERIAL, NOT AMADOR LOAM).	General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	FOUND. S FAVORAB PVT 34 Unknown Natural/Na Knights Fo Stanislaus 37.81954 Zone-10 N T01S, R12 1 MILE EA LOCATIO	SOME NATIVE GRASSLAND BLE IN 1990. NONE OBSERV Map Index: 46009 ative occurrence erry (3712076) s, Tuolumne / -120.64529 N4188405 E707257 2E, Sec. 27 (M) AST OF KNIGHTS FERRY. IN DESCRIPTION VAGUE; M/	STILL EXISTS T 'ED IN 2010. EO Index: Presence: Trend:	FO THE SE OF 63657 Presumed E Unknown	Accuracy: Elevation (ft): Acres:	Element Site Las Record 3/5 mile	TIONS DIDN'T S t Last Seen: t Seen: Last Updated:	SEEM 1937-04-01 2010-04-09 2011-04-14
Owner/Manager: PVT	General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	FOUND. S FAVORAE PVT 34 Unknown Natural/Na Knights Fo Stanislaus 37.81954 Zone-10 N T01S, R12 1 MILE E/ LOCATIO HIGHWAY	Map Index: 46009 Map Index: 46009 ative occurrence erry (3712076) s, Tuolumne / -120.64529 N4188405 E707257 2E, Sec. 27 (M) AST OF KNIGHTS FERRY. IN DESCRIPTION VAGUE; MAY 108/120.	STILL EXISTS T 'ED IN 2010. EO Index: Presence: Trend: APPED AS BES	FO THE SE OF 63657 Presumed E Unknown	Accuracy: Elevation (ft): Acres:	Element Site Las Record 3/5 mile	TIONS DIDN'T S t Last Seen: t Seen: Last Updated:	SEEM 1937-04-01 2010-04-09 2011-04-14
	General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological:	FOUND. S FAVORAE PVT 34 Unknown Natural/Na Knights Fe Stanislaus 37.81954 Zone-10 N T01S, R12 1 MILE EA LOCATIO HIGHWAY AROUND OCCURR	SOME NATIVE GRASSLAND BLE IN 1990. NONE OBSERV Map Index: 46009 ative occurrence erry (3712076) s, Tuolumne / -120.64529 N4188405 E707257 2E, Sec. 27 (M) AST OF KNIGHTS FERRY. IN DESCRIPTION VAGUE; MAST OF KNIGHTS FERRY. MARGINS OF VOLCANIC BO ENCE KNOWN ONLY FROM	STILL EXISTS T 'ED IN 2010. EO Index: Presence: Trend: APPED AS BES DULDERS. A 1937 COLLE	TO THE SE OF 63657 Presumed E Unknown T GUESS 1 AIF	Accuracy: Elevation (ft): Acres: R MILE EAST OF P SHAW. NOT OBSI	Element Site Las Record 3/5 mile 0.0 NIGHTS FE	TIONS DIDN'T S Last Seen: t Seen: Last Updated: RRY, IN VICINI E IN 2010 AND	SEEM 1937-04-01 2010-04-09 2011-04-14 TY OF HABITAT





Senecio clevela Red Hills ragword		heterophyllus				Eleme	nt Code: PDA	ST8H0R2
Listing Status:		None None		CNE	DB Element Ranks	: Global: State:	G4?T2Q S2	
Habitat:	Other: General: Micro:	Rare Plant Rank - 1B.2, BL CISMONTANE WOODLAN DRYING SERPENTINE SO	D.	_		Garden		
Occurrence No.	12	Map Index: B1754	EO Index:	113670		Element	Last Seen:	2015-07-09
Occ. Rank:	Good		Presence:	Presumed E	xtant	Site Last	Seen:	2015-07-09
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown		Record L	ast Updated:	2018-12-24
Quad Summary: County Summary:	Keystone Tuolumne	· · · ·						
Lat/Long:	37.87082	/ -120.50323			Accuracy:	specific are	а	
UTM:	Zone-10 N	l4194421 E719611			Elevation (ft):	1060		
PLSS:	T01S, R13	3E, Sec. 2, SE (M)			Acres:	1.0		
Location:	ANDREW	CREEK, ABOUT 1.6 AIR MIL	ES SOUTHWES	T OF YOSEM	ITE JUNCTION, NO	RTHWEST	END OF RED I	HILLS.
Detailed Location:		M GATE (APPROX 1.55 MI W AST. 2 POLYGONS MAPPED					AND 0.45 MIL	E TO THE
Ecological:	FLOWS T	TINE HABITAT. SPRING INCL O WEST. <5 DEGREES. ASS ITHUS OCCIDENTALIS, ETC	SOC W/ PINUS S					
General:	<10 PLAN	TS SEEN IN NORTHERN PC	DLYGON AND <2	20 PLANTS SE	EN IN SOUTHERN	POLYGON	IN 2015.	
Owner/Manager:	BLM							
Cryptantha ma	riposae					Eleme	nt Code: PDB	OR0A1Q0
Mariposa cryptar	-							
Listing Status:	Federal:	None		CNE	DB Element Ranks	: Global:	G2G3	
	State:	None				State:	S2S3	
	Other:	Rare Plant Rank - 1B.3, BL	M_S-Sensitive					
Habitat:	General:	CHAPARRAL.						
	Micro:	ON SERPENTINE OUTCR	OPS. 90-825 M.					



California Department of Fish and Wildlife



Occurrence No.	6	Map Index: 58627	EO Index:	58663	Element Last Seen:	1998-06-06
Occ. Rank:	Excellent		Presence:	Presumed Extant	Site Last Seen:	1998-06-06
Occ. Type:		ve occurrence	Trend:	Unknown	Record Last Updated:	2010-06-07
	Colt Coring \	(olloy (2842046)				
Quad Summary:		/alley (3812016)				
County Summary:	Calaveras					
Lat/Long:	38.01848 / -1	120.63706		Accuracy:	80 meters	
UTM:	Zone-10 N42	210500 E707421		Elevation (ft):	1600	
PLSS:	T02N, R12E	, Sec. 15, SE (M)		Acres:	0.0	
Location:	2.5 ROAD M	ILES NORTH OF COPPER	OPOLIS ALONO	G HIGHWAY 4; WATERSHED O	F BLACK CREEK.	
Detailed Location:	ON A GENT	LE SLOPE 0.3 AIR MILES E	AST OF HIGH	WAY. MAPPED IN THE SW 1/4 C	OF THE SE 1/4 OF SECTION	15.
Ecological:	LASTHENIA		A CALIFORNIC	SET IN CEANOTHUS CUNEAT A, MIMULUS GUTTATUS EARL NGDONII.		
General:	1000 PLANT	S OBSERVED IN 1998.				
Owner/Manager:	BLM					
Occurrence No.	7	Map Index: 58633	EO Index:	58669	Element Last Seen:	198X-XX-XX
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1998-05-XX
Occ. Type:						2010-06-07
000. Type.	Natural/Nativ	ve occurrence	Trend:	Unknown	Record Last Updated:	2010-00-07
Quad Summary:		ve occurrence np (3712074), Keystone (37		Unknown	Record Last Updated:	2010-00-07
				Unknown	Record Last Updated:	2010-00-07
Quad Summary:	Chinese Car	np (3712074), Keystone (37		Unknown Accuracy:	non-specific area	2010-00-07
Quad Summary: County Summary:	Chinese Can Tuolumne 37.84065 / -1	np (3712074), Keystone (37				2010-00-07
Quad Summary: County Summary: Lat/Long:	Chinese Can Tuolumne 37.84065 / -1	np (3712074), Keystone (37 120.44737 191206 E724616		Accuracy:	non-specific area	2010-00-07
Quad Summary: County Summary: Lat/Long: UTM:	Chinese Can Tuolumne 37.84065 / -1 Zone-10 N41	np (3712074), Keystone (37 120.44737 191206 E724616		Accuracy: Elevation (ft):	non-specific area 1100	2010-00-07
Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Chinese Can Tuolumne 37.84065 / -1 Zone-10 N41 T01S, R14E, RED HILLS. EXACT LOC	np (3712074), Keystone (37 120.44737 191206 E724616 , Sec. 16 (M)	D BY CNDDB	Accuracy: Elevation (ft):	non-specific area 1100 10689.7	
Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Chinese Can Tuolumne 37.84065 / -1 Zone-10 N41 T01S, R14E, RED HILLS. EXACT LOC	np (3712074), Keystone (37 120.44737 191206 E724616 , Sec. 16 (M) ATION UNKNOWN. MAPPE	D BY CNDDB	Accuracy: Elevation (ft): Acres:	non-specific area 1100 10689.7	
Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Chinese Can Tuolumne 37.84065 / -1 Zone-10 N41 T01S, R14E, RED HILLS. EXACT LOC BEST GUES MAIN SOUR PRESENT D	np (3712074), Keystone (37 120.44737 191206 E724616 , Sec. 16 (M) ATION UNKNOWN. MAPPE IS TO INCLUDE ENTIRE SE CE OF INFORMATION FOF	ED BY CNDDB T OF HILLS. T THIS SITE IS WORK, BUT W	Accuracy: Elevation (ft): Acres:	non-specific area 1100 10689.7 NEARLY UNMAPPABLE; MAI	PPED AS



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Occurrence No.	10 Map Index: 79017	EO Index:	79975		Element Last Seen:	1895-05-21
Occ. Rank:	Unknown	Presence:	Presumed E	xtant	Site Last Seen:	1895-05-21
Осс. Туре:	Natural/Native occurrence	Trend:	Unknown		Record Last Updated:	2010-06-07
Quad Summary:	Salt Spring Valley (3812016)					
County Summary:	Calaveras					
Lat/Long:	38.05437 / -120.66236			Accuracy:	3/5 mile	
UTM:	Zone-10 N4214427 E705099			Elevation (ft):		
PLSS:	T02N, R12E, Sec. 04 (M)			Acres:	0.0	
Location:	CARMEN PEAK.					
Detailed Location:	EXACT LOCATION UNKNOWN. MAPPE THAT AN OCCURRENCE ON BLM PAR				••••••	
Ecological:						
General:	MAIN SOURCE OF INFORMATION FOR CALLED CARMEN PEAK. AN UNDATED					,
Owner/Manager:	UNKNOWN					





Cryptantha spit	thamaea					Elemer	nt Code: PDBC	DR0A2M2
Red Hills cryptant	tha							
Listing Status:	Federal:	None		CNDE	DB Element Ranks	: Global:	G2	
	State:	None				State:	S2	
	Other:	Rare Plant Rank - 1B.3, BL	M_S-Sensitive, S	SB_UCSC-UC S	Santa Cruz			
Habitat:	General:	CHAPARRAL, CISMONTA	NE WOODLAND					
	Micro:	SERPENTINITE, SOMETIN	MES STREAMBE	DS, SOMETIMI	ES OPENINGS. 270	0-550 M.		
Occurrence No.	5	Map Index: 95439	EO Index:	96559		Element	Last Seen:	1996-04-15
Occ. Rank:	Unknown		Presence:	Presumed Ext	tant	Site Last	Seen:	1996-04-15
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown		Record L	ast Updated:	2015-03-11
Quad Summary:	Sonora (37	712084), New Melones Dam	(3712085)					
County Summary:	Tuolumne							
Lat/Long:	37.92137 /	-120.50400			Accuracy:	1/5 mile		
JTM:	Zone-10 N	4200029 E719392			Elevation (ft):	900		
	TOAN DAD	8E, Sec. 24, SW (M)			Acres:	0.0		
PLSS:	101N, R13							
PLSS:		ASIN; SLOPES AT SE EDGI	E OF BASIN ABO	OUT 1 MILE EAS	ST OF PEORIA PA	SS RD.		
	PEORIA B MAPPED / COLLECT	ASIN; SLOPES AT SE EDGI AROUND COORDINATES G ION; ACCURACY OF COOR /4 OF SECTION 24.	IVEN BY TAYLC	R IN A 2014 EN	MAIL INTERPRETIN	IG THE LOO		
Location:	PEORIA B MAPPED A COLLECT THE SW 1	AROUND COORDINATES G ION; ACCURACY OF COOR	GIVEN BY TAYLC DINATES IS UN	R IN A 2014 EN CERTAIN. COL	MAIL INTERPRETIN LECTION LABEL IN	IG THE LOO NDICATES \$	SITE IS IN THE	
Location: Detailed Location:	PEORIA B MAPPED / COLLECT THE SW 1 STONY RE	AROUND COORDINATES G ION; ACCURACY OF COOR /4 OF SECTION 24.	GIVEN BY TAYLC DINATES IS UN TINE SOILS DOM	DR IN A 2014 EN CERTAIN. COL IINATED BY CE	MAIL INTERPRETIN LECTION LABEL IN CANOTHUS CUNEA	IG THE LOO NDICATES \$	SITE IS IN THE	
Location: Detailed Location: Ecological:	PEORIA B MAPPED / COLLECT THE SW 1 STONY RE	AROUND COORDINATES G ION; ACCURACY OF COOR /4 OF SECTION 24. ED WEATHERED SERPENT JRCE OF INFORMATION FO	GIVEN BY TAYLC DINATES IS UN TINE SOILS DOM	DR IN A 2014 EN CERTAIN. COL IINATED BY CE	MAIL INTERPRETIN LECTION LABEL IN CANOTHUS CUNEA	IG THE LOO NDICATES \$	SITE IS IN THE	
Location: Detailed Location: Ecological: General:	PEORIA B MAPPED / COLLECT THE SW 1 STONY RE ONLY SOL	AROUND COORDINATES G ION; ACCURACY OF COOR /4 OF SECTION 24. ED WEATHERED SERPENT JRCE OF INFORMATION FO	GIVEN BY TAYLC DINATES IS UN TINE SOILS DOM	DR IN A 2014 EN CERTAIN. COL IINATED BY CE	MAIL INTERPRETIN LECTION LABEL IN CANOTHUS CUNEA	IG THE LOO NDICATES S	SITE IS IN THE	
Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No.	PEORIA B MAPPED / COLLECT THE SW 1 STONY RE ONLY SOU UNKNOW	AROUND COORDINATES G ION; ACCURACY OF COOR /4 OF SECTION 24. ED WEATHERED SERPENT JRCE OF INFORMATION FO	GIVEN BY TAYLC DINATES IS UN TINE SOILS DOM OR THIS SITE IS	OR IN A 2014 EN CERTAIN. COL IINATED BY CE A 1996 TAYLO	MAIL INTERPRETIN LECTION LABEL IN ANOTHUS CUNEA R COLLECTION.	IG THE LOO NDICATES S	SITE IS IN THE ARRAL. Last Seen:	SW 1/4 OF
Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No. Dcc. Rank:	PEORIA B MAPPED COLLECT THE SW 1 STONY RE ONLY SOU UNKNOWI 6 Unknown	AROUND COORDINATES G ION; ACCURACY OF COOR /4 OF SECTION 24. ED WEATHERED SERPENT JRCE OF INFORMATION FO	IVEN BY TAYLC DINATES IS UN INE SOILS DOM OR THIS SITE IS EO Index:	PR IN A 2014 EN CERTAIN. COL IINATED BY CE A 1996 TAYLO 96560	MAIL INTERPRETIN LECTION LABEL IN ANOTHUS CUNEA R COLLECTION.	IG THE LOO NDICATES S NTUS CHAP Element Site Last	SITE IS IN THE ARRAL. Last Seen:	SW 1/4 OF 1999-04-29
Location: Detailed Location: Ecological: General: Dwner/Manager:	PEORIA B MAPPED / COLLECT THE SW 1 STONY RE ONLY SOU UNKNOWN 6 Unknown Natural/Na	AROUND COORDINATES G ION; ACCURACY OF COOR /4 OF SECTION 24. ED WEATHERED SERPENT JRCE OF INFORMATION FO N Map Index: 95440	EIVEN BY TAYLC CONATES IS UN TINE SOILS DOM OR THIS SITE IS EO Index: Presence:	PR IN A 2014 EN CERTAIN. COL IINATED BY CE A 1996 TAYLO 96560 Presumed Ext	MAIL INTERPRETIN LECTION LABEL IN ANOTHUS CUNEA R COLLECTION.	IG THE LOO NDICATES S NTUS CHAP Element Site Last	SITE IS IN THE ARRAL. Last Seen: Seen:	SW 1/4 OF 1999-04-29 1999-04-29
Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary:	PEORIA B MAPPED / COLLECT THE SW 1 STONY RE ONLY SOU UNKNOWN 6 Unknown Natural/Na	AROUND COORDINATES G ION; ACCURACY OF COOR /4 OF SECTION 24. ED WEATHERED SERPENT JRCE OF INFORMATION FO N Map Index: 95440 tive occurrence	EIVEN BY TAYLC CONATES IS UN TINE SOILS DOM OR THIS SITE IS EO Index: Presence:	PR IN A 2014 EN CERTAIN. COL IINATED BY CE A 1996 TAYLO 96560 Presumed Ext	MAIL INTERPRETIN LECTION LABEL IN ANOTHUS CUNEA R COLLECTION.	IG THE LOO NDICATES S NTUS CHAP Element Site Last	SITE IS IN THE ARRAL. Last Seen: Seen:	SW 1/4 OF 1999-04-29 1999-04-29
Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type:	PEORIA B MAPPED / COLLECT THE SW 1 STONY RE ONLY SOU UNKNOWN 6 Unknown Natural/Na Angels Cau Calaveras	AROUND COORDINATES G ION; ACCURACY OF COOR /4 OF SECTION 24. ED WEATHERED SERPENT JRCE OF INFORMATION FO N Map Index: 95440 tive occurrence	EIVEN BY TAYLC CONATES IS UN TINE SOILS DOM OR THIS SITE IS EO Index: Presence:	PR IN A 2014 EN CERTAIN. COL IINATED BY CE A 1996 TAYLO 96560 Presumed Ext Unknown	MAIL INTERPRETIN LECTION LABEL IN ANOTHUS CUNEA OR COLLECTION.	IG THE LOO NDICATES S NTUS CHAP Element Site Last	SITE IS IN THE ARRAL. Last Seen: Seen:	SW 1/4 OF 1999-04-29 1999-04-29
Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary:	PEORIA B MAPPED / COLLECT THE SW 1 STONY RE ONLY SOU UNKNOWI 6 Unknown Natural/Na Angels Car Calaveras 38.03164 /	AROUND COORDINATES G ION; ACCURACY OF COOR /4 OF SECTION 24. ED WEATHERED SERPENT JRCE OF INFORMATION FO Map Index: 95440 Itive occurrence mp (3812015)	EIVEN BY TAYLC CONATES IS UN TINE SOILS DOM OR THIS SITE IS EO Index: Presence:	PR IN A 2014 EN CERTAIN. COL IINATED BY CE A 1996 TAYLO 96560 Presumed Ext Unknown	AAIL INTERPRETIN LECTION LABEL IN ANOTHUS CUNEA OR COLLECTION.	IG THE LOO NDICATES S NTUS CHAP Element Site Last Record L	SITE IS IN THE ARRAL. Last Seen: Seen:	SW 1/4 OF 1999-04-29 1999-04-29
Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM:	PEORIA B MAPPED / COLLECT THE SW 1 STONY RE ONLY SOU UNKNOWN 6 Unknown Natural/Na Angels Cal Calaveras 38.03164 / Zone-10 N	AROUND COORDINATES G ION; ACCURACY OF COOR /4 OF SECTION 24. ED WEATHERED SERPENT JRCE OF INFORMATION FO N Map Index: 95440 tive occurrence mp (3812015)	EIVEN BY TAYLC CONATES IS UN TINE SOILS DOM OR THIS SITE IS EO Index: Presence:	PR IN A 2014 EN CERTAIN. COL IINATED BY CE A 1996 TAYLO 96560 Presumed Ext Unknown	AAIL INTERPRETIN LECTION LABEL IN ANOTHUS CUNEA R COLLECTION.	IG THE LOO INDICATES S ITUS CHAP Element Site Last Record L	SITE IS IN THE ARRAL. Last Seen: Seen:	SW 1/4 OF 1999-04-29 1999-04-29
Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long:	PEORIA B MAPPED / COLLECT THE SW 1 STONY RE ONLY SOU UNKNOWI 6 Unknown Natural/Na Angels Ca Calaveras 38.03164 / Zone-10 N T02N, R13	AROUND COORDINATES G ION; ACCURACY OF COOR /4 OF SECTION 24. ED WEATHERED SERPENT JRCE OF INFORMATION FO N Map Index: 95440 tive occurrence mp (3812015)	GIVEN BY TAYLC CDINATES IS UN TINE SOILS DOM OR THIS SITE IS EO Index: Presence: Trend:	PR IN A 2014 EN CERTAIN. COL IINATED BY CE A 1996 TAYLO 96560 Presumed Ext Unknown	AAIL INTERPRETIN LECTION LABEL IN ANOTHUS CUNEA OR COLLECTION. tant Accuracy: Elevation (ft): Acres:	IG THE LOO INDICATES S ITUS CHAP Element Site Last Record L 1/5 mile 1800	SITE IS IN THE ARRAL. Last Seen: Seen:	SW 1/4 OF 1999-04-29 1999-04-29
Location: Detailed Location: Ecological: General: Dwner/Manager: Doccurrence No. Docc. Rank: Docc. Rank: Docc. Type: Quad Summary: County Summary: Lat/Long: JTM: PLSS: Location:	PEORIA B MAPPED / COLLECT THE SW 1 STONY RE ONLY SOU UNKNOWN 6 UNKNOWN 6 Unknown Natural/Na Angels Cal Calaveras 38.03164 / Zone-10 N T02N, R13 SERPENT EXACT LC COORDIN	AROUND COORDINATES G ION; ACCURACY OF COOR /4 OF SECTION 24. ED WEATHERED SERPENT JRCE OF INFORMATION FO N Map Index: 95440 tive occurrence mp (3812015) 7 -120.51455 4212241 E718138 3E, Sec. 14, N (M)	EIVEN BY TAYLC DINATES IS UN INE SOILS DOM OR THIS SITE IS EO Index: Presence: Trend: E NW OF CARS RDINATES OF -1 02 00 N AND TR	OR IN A 2014 EN CERTAIN. COL IINATED BY CE A 1996 TAYLO 96560 Presumed Ext Unknown ON HILL ON HI0 20.513, 38.029	AAIL INTERPRETIN LECTION LABEL IN ANOTHUS CUNEA R COLLECTION. tant Accuracy: Elevation (ft): Acres: GHWAY 49. 96 PROVIDED BY	IG THE LOO IDICATES S ITUS CHAP Element Site Last Record L 1/5 mile 1800 0.0	SITE IS IN THE ARRAL. Last Seen: Seen: .ast Updated: 2014 EMAIL C	SW 1/4 OF 1999-04-29 1999-04-29 2015-03-11
Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM: PLSS: Location: Detailed Location:	PEORIA B MAPPED / COLLECT THE SW 1 STONY RE ONLY SOU UNKNOWN 6 Unknown Natural/Na Angels Cau Calaveras 38.03164 / Zone-10 N T02N, R13 SERPENT EXACT LC COORDIN MAPPED	AROUND COORDINATES G ION; ACCURACY OF COOR /4 OF SECTION 24. ED WEATHERED SERPENT JRCE OF INFORMATION FO N Map Index: 95440 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	EIVEN BY TAYLC DINATES IS UN INE SOILS DOM OR THIS SITE IS EO Index: Presence: Trend: E NW OF CARS RDINATES OF -1 02 00 N AND TR URCES.	OR IN A 2014 EN CERTAIN. COL IINATED BY CE A 1996 TAYLO 96560 Presumed Ext Unknown ON HILL ON HIC 20.513, 38.0295 S OF NE 1/4 NV	AAIL INTERPRETIN LECTION LABEL IN ANOTHUS CUNEA R COLLECTION. tant Accuracy: Elevation (ft): Acres: GHWAY 49. 96 PROVIDED BY	IG THE LOO IDICATES S ITUS CHAP Element Site Last Record L 1/5 mile 1800 0.0	SITE IS IN THE ARRAL. Last Seen: Seen: .ast Updated: 2014 EMAIL C	SW 1/4 OF 1999-04-29 1999-04-29 2015-03-11
Location: Detailed Location: Ecological: General: Dwner/Manager: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long: JTM: PLSS:	PEORIA B MAPPED / COLLECT THE SW 1 STONY RE ONLY SOU UNKNOWI 6 Unknown Natural/Na Angels Ca Calaveras 38.03164 / Zone-10 N T02N, R13 SERPENT EXACT LC COORDIN MAPPED GRAVELL	AROUND COORDINATES G ION; ACCURACY OF COOR /4 OF SECTION 24. ED WEATHERED SERPENT JRCE OF INFORMATION FO N Map Index: 95440 tive occurrence mp (3812015) 7-120.51455 4212241 E718138 3E, Sec. 14, N (M) INE HILLTOP ABOUT 1 MIL DOATION UNKNOWN. COOP ATES OF -120 30 58 W, 38 0 TO ENCOMPASS BOTH SO	E NW OF CARS RDINATES OF -1 2000 NAND TR E NW OF CARS RDINATES OF -1 02 00 N AND TR URCES.	PR IN A 2014 EN CERTAIN. COL IINATED BY CE A 1996 TAYLO 96560 Presumed Ext Unknown ON HILL ON HIC 20.513, 38.029 S OF NE 1/4 NV	AAIL INTERPRETIN LECTION LABEL IN ANOTHUS CUNEA OR COLLECTION. tant <b>Accuracy:</b> Elevation (ft): Acres: GHWAY 49. 96 PROVIDED BY <sup>-</sup> W 1/4 SEC 14 ON C	IG THE LOO IDICATES S ITUS CHAP Element Site Last Record L 1/5 mile 1800 0.0	SITE IS IN THE ARRAL. Last Seen: Seen: .ast Updated: 2014 EMAIL C	SW 1/4 OF 1999-04-29 1999-04-29 2015-03-11





<b>Downingia pus</b> dwarf downingia	illa				Eleme	nt Code: PDC/	AM060C0
Listing Status:	Federal:	None		CNDDB Element Rank	s: Global:	GU	
-	State:	None			State:	S2	
	Other:	Rare Plant Rank - 2B.2					
Habitat:	General:	VALLEY AND FOOTHILL O	GRASSLAND (MI	ESIC SITES), VERNAL POOLS.			
	Micro:	VERNAL LAKE AND POOL 1-490 M.	_ MARGINS WIT	H A VARIETY OF ASSOCIATES.	IN SEVERAL	TYPES OF VE	RNAL POOLS.
Occurrence No.	25	Map Index: 43381	EO Index:	43381	Element	Last Seen:	1937-04-25
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last	Seen:	1937-04-25
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record L	ast Updated:	2002-09-04
Quad Summary:	Knights Fe	erry (3712076)					
County Summary:	Stanislaus	;					
Lat/Long:	37.77978	/ -120.65363		Accuracy:	1 mile		
UTM:	Zone-10 N	l4183974 E706633		Elevation (ft):	490		
PLSS:	T02S, R12	2E, Sec. 09 (M)		Acres:	0.0		
Location:	FLAT IN L	OW HILLS, 3 MILES SOUTH	I OF KNIGHTS L	ANDING.			
Detailed Location:	EXACT LO	DCATION NOT KNOWN; MAI	PPED SOUTH O	F WILDCAT CREEK AND EAST	OF CASHMA	N CREEK.	
Ecological:							
General:	ONLY SO	URCE OF INFORMATION FO	OR THIS SITE IS	1937 COLLECTION BY JEPSON	N. NEEDS FIE	ELDWORK.	
Owner/Manager:	UNKNOW	N					



**California Natural Diversity Database** 



Element Code: PDFAB2B3P0

Lupinus	spectabi	lis

shaggyhair lupin	e						
Listing Status:	Federal:	None		CNDDB Element Ranks	: Global:	G2	
	State:	None			State:	S2	
	Other:	Rare Plant Rank - 1B.2, BLM	I_S-Sensitive, S	SB_SBBG-Santa Barbara Botanic	Garden		
Habitat:	General:	CHAPARRAL, CISMONTAN	E WOODLAND	).			
	Micro:	OPEN ROCKY SLOPES OF WOODLAND. 300-825 M.	SERPENTINE	. MOSTLY ON SERPENTINE CHA	PARRAL SU	JRROUNDED E	BY GREY PINE
Occurrence No.	28	Map Index: 78660	EO Index:	79609	Element	Last Seen:	1998-04-15
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last	Seen:	1998-04-15
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record L	ast Updated:	2010-04-26
Quad Summary:	Sonora (37	712084), New Melones Dam (3	3712085)				
County Summary:	Tuolumne						
Lat/Long:	37.92243 /	/ -120.50082		Accuracy:	1/10 mile		
UTM:	Zone-10 N	I4200154 E719669		Elevation (ft):	1000		
PLSS:	T01N, R13	8E, Sec. 24, SW (M)		Acres:	0.0		
Location:	SLOPES A	AT SOUTHEAST EDGE OF PE	ORIA BASIN, A	ABOUT 1.9 AIR MILES NORTH OI	PEORIA P	ASS.	
Detailed Location:	BETWEEN			D BY TAYLOR; 120D 30' 01"W, 37 S SW1/4 SW 1/4 SEC 24, BUT CC			
Ecological:	STONY RI	ED WEATHERED SERPENTIN	NE SOILS DOM	INATED BY CEANOTHUS CUNE	ATUS CHAP	ARRAL.	
General:	UNKNOW	N NUMBER OF PLANTS OBS	ERVED IN 199	8; NEEDS POPULATION DATA.			
Owner/Manager:	UNKNOW	N					





<i>Monardella ver</i> veiny monardella						Eleme	nt Code: PDLA	M18082
Listing Status:	Federal:	None		CNDI	DB Element Ranks	s: Global:	G1	
5	State:	None				State:	S1	
	Other:	Rare Plant Rank - 1B.1, BLM UC Botanical Garden at Berk		SB_CalBG/RSA	BG-California/Rand	cho Santa Ar	a Botanic Gard	len, SB_UCBG-
Habitat:	General:	VALLEY AND FOOTHILL GF	RASSLAND, CI	SMONTANE W	OODLAND.			
	Micro:	IN HEAVY CLAY; MOSTLY V	WITH GRASSL	AND ASSOCIA	TES. REDISCOVE	RED IN 1992	2. 30-405 M.	
Occurrence No.	4	Map Index: 13283	EO Index:	13536		Element	Last Seen:	1998-07-03
Occ. Rank:	Excellent		Presence:	Presumed Ex	tant	Site Last	Seen:	1998-07-03
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown		Record L	ast Updated:	2011-05-03
Quad Summary:	New Melor	nes Dam (3712085)						
County Summary:	Tuolumne							
Lat/Long:	37.92041 /	/ -120.51082			Accuracy:	80 meters		
UTM:	Zone-10 N	4199906 E718796			Elevation (ft):	860		
PLSS:	T01N, R13	3E, Sec. 23, SE (M)			Acres:	0.0		
Location:	PEORIA B	ASIN (ABOUT 2 AIR MI S OF	NEW MELONE	S DAM).				
Detailed Location:	REACHED	VIA NEARBY NEW PEORIA	FLAT ROAD.					
Ecological:	FREMON	BLACK VERTISOL ON VERNA III. GRASSLAND W/HORDEU TEMA RUBISEPALUM FOUNI	M CA., ELYMU					
General:		LLECTED HERE BY J. RUTTE TE VISITED BY JOKERST IN						
Owner/Manager:	PVT							





Clarkia rostrata beaked clarkia	a					Elemer	nt Code: PDON	NA050Y0
Listing Status:	Federal:	None		CNDDB Ele	ment Ranks:	: Global:	G2G3	
-	State:	None				State:	S2S3	
	Other:	Rare Plant Rank - 1B.3, BL UC Botanical Garden at Be		SB_CalBG/RSABG-Ca	lifornia/Rancł	ho Santa An	a Botanic Gard	en, SB_UCBG-
Habitat:	General:	CISMONTANE WOODLAN	ID, VALLEY AND	FOOTHILL GRASSL	AND.			
	Micro:	NORTH-FACING SLOPES	; SOMETIMES C	N SANDSTONE. 60-9	15 M.			
Occurrence No.	8	Map Index: 32807	EO Index:	50485		Element	Last Seen:	1938-05-09
Occ. Rank:	Unknown		Presence:	Presumed Extant		Site Last	Seen:	1938-05-09
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown		Record L	ast Updated:	2010-07-07
Quad Summary:	Knights Fe	erry (3712076)						
County Summary:	Stanislaus							
Lat/Long:	37.81844 /	/ -120.67240		Accur	racy:	1 mile		
UTM:	Zone-10 N	4188223 E704873		Elevat	tion (ft):			
	T01S, R12	2E, Sec. 29 (M)		Acres	:	0.0		
PLSS:								
PLSS: Location:	KNIGHTS	FERRY.						
		FERRY. DCATION UNKNOWN. MAPP	PED BY CNDDB	IN VICINITY OF KNIG	HTS FERRY			
Location:			PED BY CNDDB	IN VICINITY OF KNIG	HTS FERRY			
Location: Detailed Location:	EXACT LC	DCATION UNKNOWN. MAPP	FOR THIS SITE .	ARE 1936 AND 1938 (	COLLECTION	NS BY HOO'		IELDWORK.
Location: Detailed Location: Ecological:	EXACT LC	URCES OF INFORMATION I	FOR THIS SITE .	ARE 1936 AND 1938 (	COLLECTION	NS BY HOO'		IELDWORK.
Location: Detailed Location: Ecological: General:	EXACT LC ONLY SOI LAND IN II	URCES OF INFORMATION I	FOR THIS SITE .	ARE 1936 AND 1938 (	COLLECTION	NS BY HOO' ESERVE (AL		IELDWORK. 1994-XX-XX
Location: Detailed Location: Ecological: General: Owner/Manager:	EXACT LC ONLY SOU LAND IN II UNKNOW	DCATION UNKNOWN. MAPP URCES OF INFORMATION I MMEDIATE VICINITY OF TO N	FOR THIS SITE . DWN BEING COI	ARE 1936 AND 1938 ( NSIDERED FOR HIST(	COLLECTION	NS BY HOO' ESERVE (AL	LEN, 1974). Last Seen:	
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No.	EXACT LC ONLY SOU LAND IN II UNKNOW 25 Unknown	DCATION UNKNOWN. MAPP URCES OF INFORMATION I MMEDIATE VICINITY OF TO N	FOR THIS SITE DWN BEING COP EO Index:	ARE 1936 AND 1938 C NSIDERED FOR HISTO 50470	COLLECTION	NS BY HOO' ESERVE (AL Element I Site Last	LEN, 1974). Last Seen:	1994-XX-XX
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank:	EXACT LC ONLY SOU LAND IN II UNKNOW 25 Unknown Natural/Na	DCATION UNKNOWN. MAPP URCES OF INFORMATION I MMEDIATE VICINITY OF TO N Map Index: 40385	FOR THIS SITE DWN BEING COP EO Index: Presence:	ARE 1936 AND 1938 ( NSIDERED FOR HIST 50470 Presumed Extant	COLLECTION	NS BY HOO' ESERVE (AL Element I Site Last	LEN, 1974). Last Seen: Seen:	1994-XX-XX 1994-XX-XX
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	EXACT LC ONLY SOI LAND IN II UNKNOW 25 Unknown Natural/Na New Melon	DCATION UNKNOWN. MAPP URCES OF INFORMATION I MMEDIATE VICINITY OF TO N Map Index: 40385	FOR THIS SITE DWN BEING COP EO Index: Presence:	ARE 1936 AND 1938 ( NSIDERED FOR HIST 50470 Presumed Extant	COLLECTION	NS BY HOO' ESERVE (AL Element I Site Last	LEN, 1974). Last Seen: Seen:	1994-XX-XX 1994-XX-XX
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	EXACT LC ONLY SOU LAND IN II UNKNOW 25 Unknown Natural/Na New Melor Calaveras	DCATION UNKNOWN. MAPP URCES OF INFORMATION I MMEDIATE VICINITY OF TO N Map Index: 40385 ative occurrence nes Dam (3712085)	FOR THIS SITE DWN BEING COP EO Index: Presence:	ARE 1936 AND 1938 ( NSIDERED FOR HIST 50470 Presumed Extant	COLLECTION ORICAL PRE	NS BY HOO' ESERVE (AL Element I Site Last	LEN, 1974). Last Seen: Seen:	1994-XX-XX 1994-XX-XX
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	EXACT LC ONLY SOL LAND IN II UNKNOW 25 Unknown Natural/Na New Melon Calaveras, 37.89636 /	DCATION UNKNOWN. MAPP URCES OF INFORMATION I MMEDIATE VICINITY OF TO N Map Index: 40385 ative occurrence nes Dam (3712085) , Tuolumne	FOR THIS SITE DWN BEING COP EO Index: Presence:	ARE 1936 AND 1938 ( NSIDERED FOR HISTO 50470 Presumed Extant Unknown Accur	COLLECTION ORICAL PRE	NS BY HOO' ESERVE (AL Element I Site Last Record L	LEN, 1974). Last Seen: Seen:	1994-XX-XX 1994-XX-XX
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	EXACT LC ONLY SOU LAND IN II UNKNOW 25 Unknown Natural/Na New Melor Calaveras, 37.89636 / Zone-10 N	DCATION UNKNOWN. MAPP URCES OF INFORMATION I MMEDIATE VICINITY OF TO N Map Index: 40385 ative occurrence nes Dam (3712085) , Tuolumne	FOR THIS SITE DWN BEING COP EO Index: Presence:	ARE 1936 AND 1938 ( NSIDERED FOR HISTO 50470 Presumed Extant Unknown Accur	COLLECTION ORICAL PRE	NS BY HOOY ESERVE (AL Element I Site Last Record L	LEN, 1974). Last Seen: Seen:	1994-XX-XX 1994-XX-XX
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	EXACT LC ONLY SOL LAND IN II UNKNOW 25 Unknown Natural/Na New Melor Calaveras, 37.896367 Zone-10 N T01N, R13	DCATION UNKNOWN. MAPP URCES OF INFORMATION I MMEDIATE VICINITY OF TO N Map Index: 40385 ative occurrence nes Dam (3712085) , Tuolumne (-120.55026 14197145 E715399	FOR THIS SITE OWN BEING CON EO Index: Presence: Trend:	ARE 1936 AND 1938 ( NSIDERED FOR HIST( 50470 Presumed Extant Unknown Accur Elevat Acres	racy:	S BY HOOY ESERVE (AL Element I Site Last Record L 1 mile 900 0.0	LEN, 1974). Last Seen: Seen: ast Updated:	1994-XX-XX 1994-XX-XX 2003-03-06
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	EXACT LC ONLY SOL LAND IN II UNKNOW 25 Unknown Natural/Na New Melor Calaveras, 37.89636 / Zone-10 N T01N, R13 VICINITY ( MELONES WITHIN SI	DCATION UNKNOWN. MAPP URCES OF INFORMATION I MMEDIATE VICINITY OF TO N Map Index: 40385 ative occurrence nes Dam (3712085) , Tuolumne (-120.55026 (4197145 E715399 3E, Sec. 33 (M) OF SHOTGUN CREEK, EAS	FOR THIS SITE OWN BEING CON EO Index: Presence: Trend:	ARE 1936 AND 1938 ( NSIDERED FOR HIST( 50470 Presumed Extant Unknown Accur Elevat Acres RESERVOIR AND SC	COLLECTION ORICAL PRE	S BY HOOY SERVE (AL Element I Site Last Record L 1 mile 900 0.0 DF TABLE N	LEN, 1974). Last Seen: Seen: ast Updated:	1994-XX-XX 1994-XX-XX 2003-03-06
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	EXACT LC ONLY SOU LAND IN II UNKNOW 25 Unknown Natural/Na New Melor Calaveras, 37.89636 / Zone-10 N T01N, R13 VICINITY ( MELONES WITHIN SI SHOTGUN	DCATION UNKNOWN. MAPP URCES OF INFORMATION I MMEDIATE VICINITY OF TO N Map Index: 40385 ative occurrence nes Dam (3712085) , Tuolumne (-120.55026 14197145 E715399 3E, Sec. 33 (M) OF SHOTGUN CREEK, EAS & RESERVOIR. ITE OF PROPOSED SHOTG	FOR THIS SITE OWN BEING CON EO Index: Presence: Trend: Trend:	ARE 1936 AND 1938 C NSIDERED FOR HISTO 50470 Presumed Extant Unknown Accur Elevat Acres RESERVOIR AND SC TATES. EXACT LOCAT RVOIR AND TABLE MO	COLLECTION ORICAL PRE	S BY HOOY SERVE (AL Element I Site Last Record L 1 mile 900 0.0 DF TABLE N	LEN, 1974). Last Seen: Seen: ast Updated:	1994-XX-XX 1994-XX-XX 2003-03-06
Location: Detailed Location: Ecological: General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	EXACT LC ONLY SOL LAND IN II UNKNOW 25 Unknown Natural/Na New Melor Calaveras, 37.89636 / Zone-10 N T01N, R13 VICINITY 0 MELONES WITHIN SI SHOTGUN ERYNGIU	DCATION UNKNOWN. MAPP URCES OF INFORMATION I MMEDIATE VICINITY OF TO N Map Index: 40385 ative occurrence nes Dam (3712085) , Tuolumne (-120.55026 (4197145 E715399 3E, Sec. 33 (M) OF SHOTGUN CREEK, EAS & RESERVOIR. ITE OF PROPOSED SHOTG N CREEK, BETWEEN THE T	FOR THIS SITE OWN BEING CON EO Index: Presence: Trend: Trend: TOF TULLOCH SUN CREEK EST ULLOCH RESEN	ARE 1936 AND 1938 ( NSIDERED FOR HIST 50470 Presumed Extant Unknown Accur Elevat Acres RESERVOIR AND SC TATES. EXACT LOCAT RVOIR AND TABLE MO	COLLECTION ORICAL PRE	S BY HOOY SERVE (AL Element I Site Last Record L 1 mile 900 0.0 DF TABLE N	LEN, 1974). Last Seen: Seen: ast Updated:	1994-XX-XX 1994-XX-XX 2003-03-06



#### **California Natural Diversity Database**



Erythranthe ma					Element Code: PDP	HR01130
		News			- <b>O</b> lahal 000	
Listing Status:		None		CNDDB Element Rank		
	State:	None			State: S2?	
	Other:	Rare Plant Rank - 1B.1, BLN	1_S-Sensitive			
Habitat:	General:	CISMONTANE WOODLANE	, LOWER MON	ITANE CONIFEROUS FOREST.		
	Micro:	300-1435 M.				
Occurrence No.	3	Map Index: A2149	EO Index:	103742	Element Last Seen:	1923-04-01
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1923-04-01
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2016-10-10
Quad Summary:	Keystone	(3712075)				
County Summary:	Tuolumne					
Lat/Long:	37.84234	/ -120.52508		Accuracy:	non-specific area	
UTM:	Zone-10 N	l4191209 E717773		Elevation (ft):	1000	
PLSS:	T01S, R13	3E, Sec. 15, S (M)		Acres:	75.0	
Location:	1 MILE WI	EST OF KEYSTONE.				
Detailed Location:	MILE W O		ON OF COPPE	LLECTIONS FROM THE SAME D ROPOLIS RD." MAPPED AS BES		
Ecological:	VOLCANI	C TABLE LAND.				
General:	ONLY SO	URCE OF INFORMATION FO	R THIS SITE IS	A 1923 ABRAMS COLLECTION.	NEEDS FIELDWORK.	
Owner/Manager:	UNKNOW	Ν				
Occurrence No.	4	Map Index: 32807	EO Index:	103743	Element Last Seen:	1895-04-09
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1895-04-09
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2016-10-14
Quad Summary:	Knights Fe	erry (3712076)				
County Summary:	Stanislaus	i				
Lat/Long:	37.81844	/ -120.67240		Accuracy:	1 mile	
UTM:	Zone-10 N	l4188223 E704873		Elevation (ft):		
PLSS:	T01S, R12	2E, Sec. 29 (M)		Acres:	0.0	
Location:	KNIGHTS	FERRY.				
Detailed Location:		DCATION UNKNOWN. MAPPE	ED AS BEST GI	JESS BY CNDDB AROUND KNIG	GHTS FERRY, BASED ON A	N 1895
Ecological:	MOIST RO					
General:	ONLY SO	URCE OF INFORMATION FO	R THIS SITE IS	A 1895 BANCROFT COLLECTIO	ON. NEEDS FIELDWORK.	
Owner/Manager:	UNKNOW	Ν				
Navarretia para	adoxiclara				Element Code: PDP	LM0C150
Patterson's nava	rretia					
Listing Status:	Federal:	None		CNDDB Element Rank	s: Global: G2	
	State:	None			State: S2	
	Other:	Rare Plant Rank - 1B.3, BLM	I_S-Sensitive			
Habitat:	General:	MEADOWS AND SEEPS.				

Micro: SERPENTINITE, OPENINGS, VERNALLY MESIC, OFTEN DRAINAGES. 150-435 M.

Commercial Version -- Dated November, 1 2024 -- Biogeographic Data Branch Report Printed on Monday, November 18, 2024



California Department of Fish and Wildlife



Occurrence No.	3	Map Index: A2172	EO Index:	103769	Element Last Seen:	2009-05-28
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2009-05-28
Осс. Туре:	Natural/Nati	ve occurrence	Trend:	Unknown	Record Last Updated:	2016-10-12
Quad Summary:	Keystone (3	712075)				
County Summary:	Tuolumne					
Lat/Long:	37.84378 / -	120.50669		Accuracy:	80 meters	
UTM:	Zone-10 N4	191412 E719387		Elevation (ft):	1065	
PLSS:	T01S, R13E	, Sec. 14, SE (M)		Acres:	5.0	
Location:	JUST NORT	H OF JUNCTION OF HWY	59 AND HWY 1	08/120, ABOUT 3.9 MILES SW	OF YOSEMITE JUNCTION.	
Detailed Location:		HIGHWAY AND RAILROAD SE 1/4 OF SECTION 14.	TRACK. MAPP	PED BY CNDDB BASED ON 200	9 JOHNSON COORDINATES	, IN THE SW
Ecological:	AT EDGES	OF LONG SEEP AREA WIT	H SERPENTIN	E SOILS AMONG GRASSES.		
General:		O ON A 2009 JOHNSON CO HIGHWAY 120" ATTRIBUT		53 CANTELOW COLLECTION F	ROM "3.6 MILES WEST OF Y	OSEMITE
Owner/Manager:	PVT					
Owner/Manager: Occurrence No.		Map Index: A2176	EO Index:	103773	Element Last Seen:	1958-06-06
Occurrence No.	PVT		EO Index: Presence:	103773 Presumed Extant	Element Last Seen: Site Last Seen:	1958-06-06 1958-06-06
-	PVT 4 Unknown					
Occurrence No. Occ. Rank:	PVT 4 Unknown Natural/Nati	Map Index: A2176	Presence: Trend:	Presumed Extant	Site Last Seen:	1958-06-06
Occurrence No. Occ. Rank: Occ. Type:	PVT 4 Unknown Natural/Nati	Map Index: A2176	Presence: Trend:	Presumed Extant	Site Last Seen:	1958-06-06
Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	PVT 4 Unknown Natural/Natir Angels Cam	<b>Map Index:</b> A2176 ve occurrence p (3812015), Salt Spring Va	Presence: Trend:	Presumed Extant	Site Last Seen:	1958-06-06
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	PVT 4 Unknown Natural/Natir Angels Cam Calaveras 38.04935 / -	<b>Map Index:</b> A2176 ve occurrence p (3812015), Salt Spring Va	Presence: Trend:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	1958-06-06
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	PVT 4 Unknown Natural/Natir Angels Cam Calaveras 38.04935 / - Zone-10 N4	Map Index: A2176 ve occurrence p (3812015), Salt Spring Va 120.63122	Presence: Trend:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: non-specific area	1958-06-06
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	PVT 4 Unknown Natural/Natir Angels Cam Calaveras 38.04935 / - Zone-10 N4: T02N, R12E	<b>Map Index:</b> A2176 ve occurrence p (3812015), Salt Spring Va 120.63122 213939 E707847 5, Sec. 2, SW (M)	Presence: Trend: lley (3812016)	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: non-specific area 1420 45.0	1958-06-06
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	PVT 4 Unknown Natural/Natir Angels Cam Calaveras 38.04935 / - Zone-10 N4 T02N, R12E JUST WEST EXACT LOO	Map Index: A2176 ve occurrence p (3812015), Salt Spring Va 120.63122 213939 E707847 5, Sec. 2, SW (M)	Presence: Trend: Iley (3812016) ALONG HWY 4, ED AS BEST G	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: , 5.8 MILES WEST OF ALTAVIL UESS BY CNDDB ALONG HWY	Site Last Seen: Record Last Updated: non-specific area 1420 45.0 LE.	1958-06-06 2016-10-12
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	PVT 4 Unknown Natural/Natir Angels Cam Calaveras 38.04935 / - Zone-10 N4: T02N, R12E JUST WEST EXACT LOC ELKHORN S	Map Index: A2176 ve occurrence p (3812015), Salt Spring Va 120.63122 213939 E707847 ;, Sec. 2, SW (M) F OF ELKHORN STATION, A	Presence: Trend: Iley (3812016) ALONG HWY 4, ED AS BEST G	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: , 5.8 MILES WEST OF ALTAVIL UESS BY CNDDB ALONG HWY	Site Last Seen: Record Last Updated: non-specific area 1420 45.0 LE.	1958-06-06 2016-10-12
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	PVT 4 Unknown Natural/Natir Angels Cam Calaveras 38.04935 / - Zone-10 N4: T02N, R12E JUST WEST EXACT LOC ELKHORN S SWALE IN E	Map Index: A2176 ve occurrence p (3812015), Salt Spring Va 120.63122 213939 E707847 5, Sec. 2, SW (M) T OF ELKHORN STATION, A CATION UNKNOWN. MAPP STATION, BASED ON A 195 3LUE OAK BELT.	Presence: Trend: Iley (3812016) ALONG HWY 4, ED AS BEST G 58 BACIGALUP	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: , 5.8 MILES WEST OF ALTAVIL UESS BY CNDDB ALONG HWY	Site Last Seen: Record Last Updated: non-specific area 1420 45.0 LE. '4 FOR ABOUT 0.5 MILE WE	1958-06-06 2016-10-12



California Department of Fish and Wildlife



Occurrence No.	5	Map Index: 57589	EO Index:	103781		Element Last Seen:	1984-06-18
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last Seen:	1984-06-18
Осс. Туре:	Natural/Nativ	e occurrence	Trend:	Unknown		Record Last Updated:	2016-10-12
Quad Summary:	Salt Spring V	alley (3812016)					
County Summary:	Calaveras						
Lat/Long:	38.00741 / -1	20.69467			Accuracy:	non-specific area	
UTM:	Zone-10 N42	09145 E702394			Elevation (ft):	1200	
PLSS:	T02N, R12E,	Sec. 19, SE (M)			Acres:	40.6	
Location:	UPPER LITT	LEJOHNS CREEK DRAINA	GE ABOUT 2.7	7 AIR MILES N	W OF COPPERO	POLIS.	
Detailed Location:		OLIS"; PRESUMABLY MEA				VEN AS "2.7 AIR MILES SW DF THE SE 1/4 OF SECTION	
Ecological:	VERNALLY \	WET CLAY SOIL ALONG M	ARGINS OF AI	N EPHEMERA	L STREAM.		
General:	SITE BASED	ON TWO 1984 STONE CO	LLECTIONS; [	DESCRIBED B	Y STONE AS "INF	REQUENT". NEEDS FIELDV	VORK.
Owner/Manager:	UNKNOWN						
Occurrence No.	6	Map Index: A2183	EO Index:	103782		Element Last Seen:	1921-05-19
Occurrence No. Occ. Rank:	6 Unknown	Map Index: A2183	EO Index: Presence:	103782 Presumed E	xtant	Element Last Seen: Site Last Seen:	1921-05-19 1921-05-19
	Unknown	Map Index: A2183 e occurrence			xtant		
Occ. Rank:	Unknown Natural/Nativ	·	Presence:	Presumed E	xtant	Site Last Seen:	1921-05-19
Occ. Rank: Occ. Type:	Unknown Natural/Nativ	e occurrence	Presence:	Presumed E	xtant	Site Last Seen:	1921-05-19
Occ. Rank: Occ. Type: Quad Summary:	Unknown Natural/Nativ Salt Spring V	e occurrence alley (3812016)	Presence:	Presumed E	xtant Accuracy:	Site Last Seen:	1921-05-19
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Unknown Natural/Nativ Salt Spring V Calaveras 38.03625 / -1	e occurrence alley (3812016)	Presence:	Presumed E		Site Last Seen: Record Last Updated:	1921-05-19
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Unknown Natural/Nativ Salt Spring V Calaveras 38.03625 / -1	e occurrence alley (3812016) 20.71513 12301 E700519	Presence:	Presumed E	Accuracy:	Site Last Seen: Record Last Updated: 1 mile	1921-05-19
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Unknown Natural/Nativ Salt Spring V Calaveras 38.03625 / -1 Zone-10 N42 T02N, R11E,	e occurrence alley (3812016) 20.71513 12301 E700519	Presence:	Presumed E	Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 1 mile 1000	1921-05-19
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Unknown Natural/Nativ Salt Spring V Calaveras 38.03625 / -1 Zone-10 N42 T02N, R11E, SALT SPRIN EXACT LOC	e occurrence alley (3812016) 20.71513 12301 E700519 Sec. 12 (M) GS VALLEY.	Presence: Trend:	Presumed E Unknown	Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1 mile 1000	1921-05-19 2016-10-12
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Unknown Natural/Nativ Salt Spring V Calaveras 38.03625 / -1 Zone-10 N42 T02N, R11E, SALT SPRIN EXACT LOC, CNDDB, BAS	e occurrence alley (3812016) 20.71513 12301 E700519 Sec. 12 (M) GS VALLEY. ATION UNKNOWN. MAPPE	Presence: Trend: D AROUND C LLECTION.	Presumed E Unknown	Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 1 mile 1000 1987.0	1921-05-19 2016-10-12
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Unknown Natural/Nativ Salt Spring V Calaveras 38.03625 / -1 Zone-10 N42 T02N, R11E, SALT SPRIN EXACT LOC, CNDDB, BAS FOOTHILL R	e occurrence falley (3812016) 20.71513 12301 E700519 Sec. 12 (M) GS VALLEY. ATION UNKNOWN. MAPPE SED ON A 1921 TRACY CO	Presence: Trend: D AROUND C LLECTION. ROUND.	Presumed E Unknown ENTRAL POR	Accuracy: Elevation (ft): Acres: TION OF SALT SF	Site Last Seen: Record Last Updated: 1 mile 1000 1987.0 PRINGS VALLEY EAST OF R	1921-05-19 2016-10-12



#### **California Natural Diversity Database**



#### Diplacus pulchellus Element Code: PDSCR1B280 yellow-lip pansy monkeyflower Listing Status: Federal: CNDDB Element Ranks: Global: G2 None State: S2 State: None Rare Plant Rank - 1B.2, BLM\_S-Sensitive, SB\_SBBG-Santa Barbara Botanic Garden, USFS\_S-Sensitive Other: LOWER MONTANE CONIFEROUS FOREST, MEADOWS AND SEEPS. Habitat: General: Micro: VERNALLY WET SITES. SOILS CAN BE CLAY, VOLCANIC, OR GRANITIC. 670-1950 M. Occurrence No. 44 Map Index: 75178 EO Index: **Element Last Seen:** XXXX-XX-XX 76175 Occ. Rank: Unknown Presence: Presumed Extant Site Last Seen: XXXX-XX-XX Occ. Type: Natural/Native occurrence Trend: Unknown **Record Last Updated:** 2009-05-21 **Quad Summary:** Angels Camp (3812015) **County Summary:** Calaveras Lat/Long: 38.10835 / -120.51432 Accuracy: non-specific area UTM: Zone-10 N4220755 E717930 Elevation (ft): PLSS: T03N, R13E, Sec. 14, S (M) 67.0 Acres: Location: 4 MILES WEST OF MURPHYS. **Detailed Location:** EXACT LOCATION UNKNOWN. MAPPED BY CNDDB AS BEST GUESS ~4 MILES WEST OF MURPHYS ALONG MURPHYS GRADE ROAD WHICH IS THE MAIN ROAD WEST OF MURPHYS. **Ecological:** General: ONLY SOURCE OF INFORMATION FOR THIS SITE IS AN UNDATED STANFORD COLLECTION MENTIONED IN A SYSTEMATIC BOTANY MONOGRAPHS ARTICLE ON MIMULUS. NEEDS FIELDWORK. UNKNOWN **Owner/Manager:**



California Natural Diversity Database



Element Code: PDVER0N050

#### Verbena californica Red Hills vervain CNDDB Element Ranks: Global: G2 Listing Status: Federal: Threatened State: S2 State: Threatened Rare Plant Rank - 1B.1, SB\_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden, SB\_UCBG-UC Botanical Other: Garden at Berkeley Habitat: General: CISMONTANE WOODLAND, VALLEY AND FOOTHILL GRASSLAND. MESIC SITES ON SERPENTINE; USUALLY SERPENTINE SEEPS OR CREEKS. 255-350 M. Micro: Occurrence No. 12 Map Index: 21577 EO Index: Element Last Seen: 2015-07-09 9007 Occ. Rank: Excellent Presence: Presumed Extant Site Last Seen: 2015-07-09 Natural/Native occurrence Unknown Occ. Type: Trend: **Record Last Updated:** 2019-04-03 **Quad Summary:** Chinese Camp (3712074), Keystone (3712075) **County Summary:** Tuolumne Lat/Long: 37.86956 / -120.50164 Accuracy: specific area UTM: Zone-10 N4194284 E719755 Elevation (ft): 1100 PLSS: T01S, R13E, Sec. 11, NE (M) Acres: 32.0 ANDREW CREEK, EAST OF HWY 108/120, APPROXIMATELY 1.6 AIR MILES SSW OF YOSEMITE JUNCTION. Location: **Detailed Location:** 10 POLYGONS MAPPED ACCORDING TO A 1998 MAP BY KNOX AND 2015 NIELSEN COORDINATES. WITHIN THE SE 1/4 OF SECTION 2, THE NE 1/4 OF SECTION 11, AND THE NW 1/4 OF SECTION 12. ON SHALLOW, OPEN/ROCKY SOIL IN WET DRAINAGE ON SERPENTINE WITHIN RIPARIAN AND GRASSLAND **Ecological:** COMMUNITIES. ASSOC W/ MIMULUS GUTTATUS, RHAMNUS, EPILOBIUM GLANDULOSUM, SENECIO CLEVELANDII HETEROPHYLLUS, CAREX SPP., JUNCUS SPP., HELIANTHUS, ETC. General: POP NUMBERS FOR PORTIONS OF SITE: FEWER THAN 50 PLANTS IN 1991, SEVERAL THOUSAND REPORTED IN 1992, AT LEAST 530 PLANTS IN 1996, FEWER IN 1997, 1000+ PLANTS IN 2011, ~60 PLANTS IN 2015. 1938 & 1939 COLLECTIONS BY HOOVER ATTRIBUTED TO SITE. **Owner/Manager:** PVT, BLM



**California Natural Diversity Database** 



Allium tuolumr Rawhide Hill onic					Element Code: PML	
Listing Status:		None		CNDDB Element Ranl		
	State:	None			State: S2	
Habitat:	Other: General:	Rare Plant Rank - 1B.2, BL	_			
Habitat:	General: Micro:			UALLY IN GREY PINE CHAPARI		
	WICTO.	SLOPES OR SMALL DRAI			KAL STEEL, KOOKT, SOU	
Occurrence No.	29	Map Index: 79371	EO Index:	80355	Element Last Seen:	2005-04-21
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	2005-04-21
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2010-07-09
Quad Summary:	New Melo	nes Dam (3712085)				
County Summary:	Tuolumne					
Lat/Long:	37.92331	/ -120.51916		Accuracy:	4/5 mile	
UTM:	Zone-10 N	4200209 E718054		Elevation (ft):		
PLSS:	T01N, R13	3E, Sec. 23 (M)		Acres:	0.0	
Location:	PEORIA E	BASIN.				
Detailed Location:	EXACT LO	OCATION UNKNOWN. MAPP	ED AS BEST GI	UESS BY CNDDB IN VICINITY C	OF PEORIA BASIN.	
Ecological:						
Ecological: General:			OR THIS OCCUR	RENCE IS A 2005 TAYLOR PHO	OTO FROM CALPHOTOS. N	NEEDS
General:	LOCATIO	N INFORMATION.	OR THIS OCCUF	RRENCE IS A 2005 TAYLOR PHO	OTO FROM CALPHOTOS. N	NEEDS
-		N INFORMATION.	OR THIS OCCUP	RRENCE IS A 2005 TAYLOR PHO	OTO FROM CALPHOTOS. N	IEEDS
General:	LOCATIO	N INFORMATION.	DR THIS OCCUF	RENCE IS A 2005 TAYLOR PHO 114769	OTO FROM CALPHOTOS. N	NEEDS 2015-07-09
General: Owner/Manager: Occurrence No. Occ. Rank:	LOCATIO UNKNOW 32 Good	N INFORMATION. N Map Index: B2836	EO Index: Presence:	114769 Presumed Extant	Element Last Seen: Site Last Seen:	2015-07-09 2015-07-09
General: Owner/Manager:	LOCATIO UNKNOW 32 Good	N INFORMATION. N	EO Index:	114769	Element Last Seen:	2015-07-09
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	LOCATIO UNKNOW 32 Good	N INFORMATION. N Map Index: B2836 ative occurrence	EO Index: Presence:	114769 Presumed Extant	Element Last Seen: Site Last Seen:	2015-07-09 2015-07-09
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	LOCATIO UNKNOW 32 Good Natural/Na	N INFORMATION. N Map Index: B2836 ative occurrence (3712075)	EO Index: Presence:	114769 Presumed Extant	Element Last Seen: Site Last Seen:	2015-07-09 2015-07-09
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	LOCATIO UNKNOW 32 Good Natural/Na Keystone Tuolumne	N INFORMATION. N Map Index: B2836 ative occurrence (3712075)	EO Index: Presence:	114769 Presumed Extant	Element Last Seen: Site Last Seen:	2015-07-09 2015-07-09
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	LOCATIO UNKNOW 32 Good Natural/Na Keystone Tuolumne 37.87336	N INFORMATION. N Map Index: B2836 ative occurrence (3712075)	EO Index: Presence:	114769 Presumed Extant Unknown	Element Last Seen: Site Last Seen: Record Last Updated:	2015-07-09 2015-07-09
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	LOCATIO UNKNOW 32 Good Natural/Na Keystone Tuolumne 37.87336 Zone-10 N	N INFORMATION. N Map Index: B2836 ative occurrence (3712075) / -120.50546	EO Index: Presence:	114769 Presumed Extant Unknown Accuracy:	Element Last Seen: Site Last Seen: Record Last Updated: specific area	2015-07-09 2015-07-09
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	LOCATIO UNKNOW 32 Good Natural/Na Keystone Tuolumne 37.87336 Zone-10 N T01S, R13	N INFORMATION. Map Index: B2836 ative occurrence (3712075) / -120.50546 14194698 E719407 3E, Sec. 2, SE (M)	EO Index: Presence: Trend:	114769 Presumed Extant Unknown Accuracy: Elevation (ft):	Element Last Seen: Site Last Seen: Record Last Updated: specific area 1035 1.0	2015-07-09 2015-07-09 2019-04-05
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	LOCATIO UNKNOW 32 Good Natural/Na Keystone Tuolumne 37.87336 Zone-10 N T01S, R13 ALONG A	N INFORMATION. Map Index: B2836 ative occurrence (3712075) / -120.50546 I4194698 E719407 3E, Sec. 2, SE (M) NDREW CREEK, APPROXIM	EO Index: Presence: Trend:	114769 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Element Last Seen: Site Last Seen: Record Last Updated: specific area 1035 1.0 ES CA-120/CA-108, RED HI	2015-07-09 2015-07-09 2019-04-05
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	LOCATIO UNKNOW 32 Good Natural/Na Keystone Tuolumne 37.87336 Zone-10 N T01S, R13 ALONG A MAPPED SERPENT FLOWS T	N INFORMATION. Map Index: B2836 ative occurrence (3712075) / -120.50546 I4194698 E719407 3E, Sec. 2, SE (M) NDREW CREEK, APPROXIM ACCORDING TO 2015 NIELS FINE HABITAT. SPRING INCL	EO Index: Presence: Trend: IATELY 0.15 MIL SEN COORDINA USION WITH S US SABINIANA	114769 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: LE EAST OF WHERE IT CROSS	Element Last Seen: Site Last Seen: Record Last Updated: specific area 1035 1.0 ES CA-120/CA-108, RED HI E 1/4 OF SECTION 32. ERMITTENT CREEK (ANDR	2015-07-09 2015-07-09 2019-04-05 LLS.
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	LOCATIO UNKNOW 32 Good Natural/Na Keystone Tuolumne 37.87336 Zone-10 N T01S, R13 ALONG A MAPPED SERPENT FLOWS T CALYCAN	Map Index: B2836 ative occurrence (3712075) / -120.50546 J4194698 E719407 3E, Sec. 2, SE (M) NDREW CREEK, APPROXIM ACCORDING TO 2015 NIELS FINE HABITAT. SPRING INCL O WEST. <5 DEGREES. PIN ITHUS OCCIDENTALIS, RHA DS OF PLANTS OBSERVED	EO Index: Presence: Trend: ATELY 0.15 MIL SEN COORDINA USION WITH S US SABINIANA MNUS, ETC.	114769 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: LE EAST OF WHERE IT CROSS ATES, IN THE SW 1/4 OF THE SI TANDING WATER IN DRY, INTE	Element Last Seen: Site Last Seen: Record Last Updated: specific area 1035 1.0 ES CA-120/CA-108, RED HI E 1/4 OF SECTION 32. ERMITTENT CREEK (ANDR ALSO SALIX, QUERCUS D	2015-07-09 2015-07-09 2019-04-05 LLS. EW CREEK). OUGLASII,
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological:	LOCATIO UNKNOW 32 Good Natural/Na Keystone Tuolumne 37.87336 Zone-10 N T01S, R13 ALONG A MAPPED SERPENT FLOWS T CALYCAN HUNDREI	Map Index: B2836 ative occurrence (3712075) / -120.50546 J4194698 E719407 3E, Sec. 2, SE (M) NDREW CREEK, APPROXIM ACCORDING TO 2015 NIELS FINE HABITAT. SPRING INCL O WEST. <5 DEGREES. PIN ITHUS OCCIDENTALIS, RHA DS OF PLANTS OBSERVED	EO Index: Presence: Trend: ATELY 0.15 MIL SEN COORDINA USION WITH S US SABINIANA MNUS, ETC.	114769 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: LE EAST OF WHERE IT CROSS ATES, IN THE SW 1/4 OF THE SI TANDING WATER IN DRY, INTE AND CEANOTHUS CUNEATUS.	Element Last Seen: Site Last Seen: Record Last Updated: specific area 1035 1.0 ES CA-120/CA-108, RED HI E 1/4 OF SECTION 32. ERMITTENT CREEK (ANDR ALSO SALIX, QUERCUS D	2015-07-09 2015-07-09 2019-04-05 LLS. EW CREEK). OUGLASII,
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager:	LOCATIO UNKNOW 32 Good Natural/Na Keystone Tuolumne 37.87336 Zone-10 N T01S, R13 ALONG A MAPPED SERPENT FLOWS T CALYCAN HUNDREI CREEK B BLM	Map Index: B2836 ative occurrence (3712075) / -120.50546 J4194698 E719407 3E, Sec. 2, SE (M) NDREW CREEK, APPROXIM ACCORDING TO 2015 NIELS FINE HABITAT. SPRING INCL O WEST. <5 DEGREES. PIN ITHUS OCCIDENTALIS, RHA DS OF PLANTS OBSERVED	EO Index: Presence: Trend: ATELY 0.15 MIL SEN COORDINA USION WITH S US SABINIANA MNUS, ETC.	114769 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: LE EAST OF WHERE IT CROSS ATES, IN THE SW 1/4 OF THE SI TANDING WATER IN DRY, INTE AND CEANOTHUS CUNEATUS.	Element Last Seen: Site Last Seen: Record Last Updated: specific area 1035 1.0 ES CA-120/CA-108, RED HI E 1/4 OF SECTION 32. ERMITTENT CREEK (ANDR ALSO SALIX, QUERCUS D	2015-07-09 2015-07-09 2019-04-05 LLS. EW CREEK). OUGLASII, THE DRY
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General:	LOCATIO UNKNOW 32 Good Natural/Na Keystone Tuolumne 37.87336 Zone-10 N T01S, R13 ALONG A MAPPED SERPENT FLOWS T CALYCAN HUNDREI CREEK B BLM	Map Index: B2836 ative occurrence (3712075) / -120.50546 J4194698 E719407 3E, Sec. 2, SE (M) NDREW CREEK, APPROXIM ACCORDING TO 2015 NIELS FINE HABITAT. SPRING INCL O WEST. <5 DEGREES. PIN ITHUS OCCIDENTALIS, RHA DS OF PLANTS OBSERVED	EO Index: Presence: Trend: ATELY 0.15 MIL SEN COORDINA USION WITH S US SABINIANA MNUS, ETC.	114769 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: LE EAST OF WHERE IT CROSS ATES, IN THE SW 1/4 OF THE SI TANDING WATER IN DRY, INTE AND CEANOTHUS CUNEATUS.	Element Last Seen: Site Last Seen: Record Last Updated: specific area 1035 1.0 ES CA-120/CA-108, RED HI E 1/4 OF SECTION 32. ERMITTENT CREEK (ANDR ALSO SALIX, QUERCUS D MMON THROUGHOUT ALL	2015-07-09 2015-07-09 2019-04-05 LLS. EW CREEK). OUGLASII, THE DRY
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: Brodiaea pallid	LOCATIO UNKNOW 32 Good Natural/Na Keystone Tuolumne 37.87336 Zone-10 N T01S, R13 ALONG A MAPPED SERPENT FLOWS T CALYCAN HUNDREI CREEK B BLM	Map Index: B2836 ative occurrence (3712075) / -120.50546 J4194698 E719407 3E, Sec. 2, SE (M) NDREW CREEK, APPROXIM ACCORDING TO 2015 NIELS FINE HABITAT. SPRING INCL O WEST. <5 DEGREES. PIN ITHUS OCCIDENTALIS, RHA DS OF PLANTS OBSERVED	EO Index: Presence: Trend: ATELY 0.15 MIL SEN COORDINA USION WITH S US SABINIANA MNUS, ETC.	114769 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: LE EAST OF WHERE IT CROSS ATES, IN THE SW 1/4 OF THE SI TANDING WATER IN DRY, INTE AND CEANOTHUS CUNEATUS.	Element Last Seen: Site Last Seen: Record Last Updated: specific area 1035 1.0 ES CA-120/CA-108, RED HI E 1/4 OF SECTION 32. ERMITTENT CREEK (ANDR ALSO SALIX, QUERCUS D MMON THROUGHOUT ALL Element Code: PML	2015-07-09 2015-07-09 2019-04-05 LLS. EW CREEK). OUGLASII, THE DRY
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological: General: Owner/Manager: <b>Brodiaea pallio</b> Chinese Camp b	LOCATIO UNKNOW 32 Good Natural/Na Keystone Tuolumne 37.87336 Zone-10 N T01S, R13 ALONG A MAPPED SERPENT FLOWS T CALYCAN HUNDREI CREEK B BLM	MINFORMATION. Map Index: B2836 ative occurrence (3712075) / -120.50546 I4194698 E719407 3E, Sec. 2, SE (M) NDREW CREEK, APPROXIM ACCORDING TO 2015 NIELS TINE HABITAT. SPRING INCL O WEST. <5 DEGREES. PIN ITHUS OCCIDENTALIS, RHA DS OF PLANTS OBSERVED EDS.	EO Index: Presence: Trend: ATELY 0.15 MIL SEN COORDINA USION WITH S US SABINIANA MNUS, ETC.	114769 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: LE EAST OF WHERE IT CROSS ATES, IN THE SW 1/4 OF THE SI TANDING WATER IN DRY, INTE AND CEANOTHUS CUNEATUS.	Element Last Seen: Site Last Seen: Record Last Updated: specific area 1035 1.0 ES CA-120/CA-108, RED HI E 1/4 OF SECTION 32. ERMITTENT CREEK (ANDR ALSO SALIX, QUERCUS D MMON THROUGHOUT ALL Element Code: PML	2015-07-09 2015-07-09 2019-04-05 LLS. EW CREEK). OUGLASII, THE DRY

Habitat: General: VALLEY AND FOOTHILL GRASSLAND, CISMONTANE WOODLAND.

Commercial Version -- Dated November, 1 2024 -- Biogeographic Data Branch

Report Printed on Monday, November 18, 2024



California Department of Fish and Wildlife

# CALIFORNIA Department of MildLife

	Micro:	OFTEN IN ROCKY, INTERI			EAST SOMETIM	LO ON SERFENTINE. 105-38	35 M.
Occurrence No.	2	Map Index: 43988	EO Index:	43988		Element Last Seen:	2008-06-05
Occ. Rank:	Excellent		Presence:	Presumed Ex	ktant	Site Last Seen:	2008-06-05
Осс. Туре:	Natural/Na	tive occurrence	Trend:	Unknown		Record Last Updated:	2016-04-22
Quad Summary:	New Melor	nes Dam (3712085), Coppero	polis (3712086)				
County Summary:	Calaveras						
Lat/Long:	37.93151 /	-120.62206			Accuracy:	specific area	
UTM:	Zone-10 N	4200883 E708985			Elevation (ft):	550	
PLSS:	T01N, R12	E, Sec. 14, S (M)			Acres:	175.0	
Location:		& BLACK CREEKS, FROM J ONES DAM.	UST N OF THE	WEST ARM O	F TULLOCH RES	ERVOIR TO 0.5 MI UP SAWI	MILL CR, W OF
Detailed Location:	MAP) TO E	ACK CREEK FROM ABOUT BRIDGE IMMEDIATELY ABO REEK UPSTREAM (NORTH)	VE TULLOCK R	ESERVOIR AN			
Ecological:							
	SLOPES V	VITH BLUE OAK WOODLAN IENSIS, JUNCUS BALTICUS	D, NORTH SLO			DISEDIMENTARY ROCK BAS OODLAND. ASSOC W/ POL	
General:	SLOPES V MONSPEL 5000+ PLA	VITH BLUE OAK WOODLAN	D, NORTH SLO 6, ETC. 1ANY OF WHICI	PES WITH MIX H WERE CLON	ED FOOTHILL W	OODLAND. ASSOC W/ POL	YPOGON F SE END OF
-	SLOPES V MONSPEL 5000+ PLA OCCURRE	VITH BLUE OAK WOODLAN IENSIS, JUNCUS BALTICUS INTS OBSERVED IN 2000, M	D, NORTH SLO 6, ETC. 1ANY OF WHICI	PES WITH MIX H WERE CLON	ED FOOTHILL W	OODLAND. ASSOC W/ POL	YPOGON F SE END OF
General:	SLOPES V MONSPEL 5000+ PLA OCCURRE (2000).	VITH BLUE OAK WOODLAN IENSIS, JUNCUS BALTICUS INTS OBSERVED IN 2000, M	D, NORTH SLO 6, ETC. 1ANY OF WHICI	PES WITH MIX H WERE CLON	ED FOOTHILL W	OODLAND. ASSOC W/ POL	YPOGON F SE END OF
General: Owner/Manager:	SLOPES V MONSPEL 5000+ PLA OCCURRE (2000). PVT	VITH BLUE OAK WOODLAN IENSIS, JUNCUS BALTICUS INTS OBSERVED IN 2000, M INCE IN 2006. 15,313 FLOW	D, NORTH SLOI 3, ETC. 1ANY OF WHICI ERING STALKS	PES WITH MIX H WERE CLON S COUNTED IN	ED FOOTHILL W NES. ~570 INDIVIE 1 2008. PORTION	OODLAND. ASSOC W/ POL' DUAL PLANTS COUNTED A' OF CREEK MAY HAVE BEE	YPOGON I SE END OF N DREDGED
General: Owner/Manager: Occurrence No.	SLOPES V MONSPEL 5000+ PLA OCCURRE (2000). PVT 3 Fair	VITH BLUE OAK WOODLAN IENSIS, JUNCUS BALTICUS INTS OBSERVED IN 2000, M INCE IN 2006. 15,313 FLOW	D, NORTH SLOI 3, ETC. MANY OF WHICI ERING STALKS EO Index:	PES WITH MIX H WERE CLON COUNTED IN 80064	ED FOOTHILL W NES. ~570 INDIVIE 1 2008. PORTION	OODLAND. ASSOC W/ POL' DUAL PLANTS COUNTED A OF CREEK MAY HAVE BEE Element Last Seen:	YPOGON T SE END OF N DREDGED 2005-07-13
General: Owner/Manager: Occurrence No. Occ. Rank:	SLOPES V MONSPEL 5000+ PLA OCCURRE (2000). PVT 3 Fair Natural/Na	VITH BLUE OAK WOODLAN IENSIS, JUNCUS BALTICUS INTS OBSERVED IN 2000, M INCE IN 2006. 15,313 FLOW Map Index: 79098	D, NORTH SLOI S, ETC. IANY OF WHICI ERING STALKS EO Index: Presence:	PES WITH MIX H WERE CLON COUNTED IN 80064 Presumed Ex	ED FOOTHILL W NES. ~570 INDIVIE 1 2008. PORTION	OODLAND. ASSOC W/ POL' DUAL PLANTS COUNTED A' OF CREEK MAY HAVE BEE Element Last Seen: Site Last Seen:	YPOGON T SE END OF N DREDGED 2005-07-13 2005-07-13
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type:	SLOPES V MONSPEL 5000+ PLA OCCURRE (2000). PVT 3 Fair Natural/Na	VITH BLUE OAK WOODLAN IENSIS, JUNCUS BALTICUS NTS OBSERVED IN 2000, M ENCE IN 2006. 15,313 FLOW Map Index: 79098 tive occurrence	D, NORTH SLOI S, ETC. IANY OF WHICI ERING STALKS EO Index: Presence:	PES WITH MIX H WERE CLON COUNTED IN 80064 Presumed Ex	ED FOOTHILL W NES. ~570 INDIVIE 1 2008. PORTION	OODLAND. ASSOC W/ POL' DUAL PLANTS COUNTED A' OF CREEK MAY HAVE BEE Element Last Seen: Site Last Seen:	YPOGON T SE END OF N DREDGED 2005-07-13 2005-07-13
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	SLOPES V MONSPEL 5000+ PLA OCCURRE (2000). PVT 3 Fair Natural/Na Copperopo Calaveras	VITH BLUE OAK WOODLAN IENSIS, JUNCUS BALTICUS NTS OBSERVED IN 2000, M ENCE IN 2006. 15,313 FLOW Map Index: 79098 tive occurrence	D, NORTH SLOI S, ETC. IANY OF WHICI ERING STALKS EO Index: Presence:	PES WITH MIX H WERE CLON COUNTED IN 80064 Presumed Ex	ED FOOTHILL W NES. ~570 INDIVIE 1 2008. PORTION	OODLAND. ASSOC W/ POL' DUAL PLANTS COUNTED A' OF CREEK MAY HAVE BEE Element Last Seen: Site Last Seen:	YPOGON T SE END OF N DREDGED 2005-07-13 2005-07-13
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	SLOPES V MONSPEL 5000+ PLA OCCURRE (2000). PVT 3 Fair Natural/Na Copperopo Calaveras 37.89751 /	VITH BLUE OAK WOODLAN IENSIS, JUNCUS BALTICUS INTS OBSERVED IN 2000, M ENCE IN 2006. 15,313 FLOW Map Index: 79098 tive occurrence	D, NORTH SLOI S, ETC. IANY OF WHICI ERING STALKS EO Index: Presence:	PES WITH MIX H WERE CLON COUNTED IN 80064 Presumed Ex	ED FOOTHILL W	OODLAND. ASSOC W/ POL' DUAL PLANTS COUNTED A OF CREEK MAY HAVE BEE Element Last Seen: Site Last Seen: Record Last Updated:	YPOGON T SE END OF N DREDGED 2005-07-13 2005-07-13
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	SLOPES V MONSPEL 5000+ PLA OCCURRE (2000). PVT 3 Fair Natural/Na Copperopo Calaveras 37.89751 / Zone-10 N	VITH BLUE OAK WOODLAN IENSIS, JUNCUS BALTICUS INTS OBSERVED IN 2000, M ENCE IN 2006. 15,313 FLOW Map Index: 79098 tive occurrence Dis (3712086)	D, NORTH SLOI S, ETC. IANY OF WHICI ERING STALKS EO Index: Presence:	PES WITH MIX H WERE CLON COUNTED IN 80064 Presumed Ex	KED FOOTHILL W	OODLAND. ASSOC W/ POL DUAL PLANTS COUNTED A OF CREEK MAY HAVE BEE Element Last Seen: Site Last Seen: Record Last Updated: specific area	YPOGON T SE END OF N DREDGED 2005-07-13 2005-07-13
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	SLOPES V MONSPEL 5000+ PLA OCCURRE (2000). PVT 3 Fair Natural/Na Copperopo Calaveras 37.89751 / Zone-10 N- T01N, R12	VITH BLUE OAK WOODLAN IENSIS, JUNCUS BALTICUS INTS OBSERVED IN 2000, M ENCE IN 2006. 15,313 FLOW Map Index: 79098 tive occurrence blis (3712086) -120.63038 4197092 E708349	D, NORTH SLOI 3, ETC. MANY OF WHICI ERING STALKS <b>EO Index:</b> <b>Presence:</b> <b>Trend:</b>	PES WITH MIX H WERE CLON COUNTED IN 80064 Presumed Ex Unknown	KED FOOTHILL W NES. ~570 INDIVID 2008. PORTION Ktant Accuracy: Elevation (ft): Acres:	OODLAND. ASSOC W/ POL DUAL PLANTS COUNTED A OF CREEK MAY HAVE BEE Element Last Seen: Site Last Seen: Record Last Updated: specific area 675	YPOGON T SE END OF N DREDGED 2005-07-13 2005-07-13
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	SLOPES V MONSPEL 5000+ PLA OCCURRE (2000). PVT 3 Fair Natural/Na Copperopo Calaveras 37.89751 / Zone-10 N- T01N, R12 LITTLE JO LOCATED	VITH BLUE OAK WOODLAN IENSIS, JUNCUS BALTICUS NTS OBSERVED IN 2000, M ENCE IN 2006. 15,313 FLOW Map Index: 79098 tive occurrence Dis (3712086) -120.63038 4197092 E708349 E, Sec. 35, NW (M)	D, NORTH SLOI S, ETC. MANY OF WHICI ERING STALKS EO Index: Presence: Trend: R MILES WNW GH WATER MA	PES WITH MIX H WERE CLON COUNTED IN 80064 Presumed Ex Unknown OF ALTO MINE RK OF THE CF	KED FOOTHILL W NES. ~570 INDIVIE 2008. PORTION Ktant Accuracy: Elevation (ft): Acres: E. REEK, VISIBLE D	OODLAND. ASSOC W/ POL DUAL PLANTS COUNTED A OF CREEK MAY HAVE BEE Element Last Seen: Site Last Seen: Record Last Updated: specific area 675 1.0 URING LOW FLOW PERIOD	YPOGON T SE END OF N DREDGED 2005-07-13 2005-07-13 2016-02-24
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	SLOPES V MONSPEL 5000+ PLA OCCURRE (2000). PVT 3 Fair Natural/Na Copperopo Calaveras 37.89751 / Zone-10 N- T01N, R12 LITTLE JO LOCATED SUMMER GROWING	VITH BLUE OAK WOODLAN JENSIS, JUNCUS BALTICUS NTS OBSERVED IN 2000, M ENCE IN 2006. 15,313 FLOW Map Index: 79098 tive occurrence Dis (3712086) -120.63038 4197092 E708349 E, Sec. 35, NW (M) HNS CREEK, ABOUT 1.3 AI WITHIN THE ORDINARY HI	D, NORTH SLOI S, ETC. MANY OF WHICI ERING STALKS EO Index: Presence: Trend: R MILES WNW GH WATER MA ORTION OF TH SSOCIATED WI	PES WITH MIX H WERE CLON COUNTED IN 80064 Presumed Ex Unknown OF ALTO MINE RK OF THE CF IE RANCHERIA	KED FOOTHILL W NES. ~570 INDIVIE 2008. PORTION Ktant Accuracy: Elevation (ft): Acres: E. REEK, VISIBLE D A DEL RIO ESTAN RIS MACROSTAC	OODLAND. ASSOC W/ POL' DUAL PLANTS COUNTED A OF CREEK MAY HAVE BEE Element Last Seen: Site Last Seen: Record Last Updated: specific area 675 1.0 URING LOW FLOW PERIOD NISLAO LAND GRANT. CHYA, PASPALUM DILATAT	YPOGON T SE END OF N DREDGED 2005-07-13 2016-02-24 S AND JM,
General: Owner/Manager: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	SLOPES V MONSPEL 5000+ PLA OCCURRE (2000). PVT 3 Fair Natural/Na Copperopo Calaveras 37.89751 / Zone-10 N- T01N, R12 LITTLE JO LOCATED SUMMER GROWING POLYPOG	VITH BLUE OAK WOODLAN JENSIS, JUNCUS BALTICUS NTS OBSERVED IN 2000, M ENCE IN 2006. 15,313 FLOW Map Index: 79098 tive occurrence Dis (3712086) -120.63038 4197092 E708349 E, Sec. 35, NW (M) HNS CREEK, ABOUT 1.3 AI WITHIN THE ORDINARY HI MONTHS. UNSECTIONED F B IN ROCKY SUBSTRATE. A	D, NORTH SLOI S, ETC. MANY OF WHICI ERING STALKS EO Index: Presence: Trend: R MILES WNW GH WATER MA CORTION OF TH SSOCIATED WI DOON DACTYL	PES WITH MIX H WERE CLON COUNTED IN 80064 Presumed Ex Unknown OF ALTO MINE RK OF THE CF IE RANCHERIA TH ELEOCHAR ON, TRIFOLIU	Accuracy: Elevation (ft): Acres: Elextion States Acres: Elextion States Acres: Acres: Elextion States Acres: Acr	OODLAND. ASSOC W/ POL DUAL PLANTS COUNTED A OF CREEK MAY HAVE BEE Element Last Seen: Site Last Seen: Record Last Updated: specific area 675 1.0 URING LOW FLOW PERIOD VISLAO LAND GRANT. CHYA, PASPALUM DILATATI AND LEONTODON TARAXA	YPOGON T SE END OF N DREDGED 2005-07-13 2016-02-24 S AND JM,



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Occurrence No.	4	Map Index: 79099	EO Index:	80065	Element Last Seen:	2005-07-13						
Occ. Rank:	Good		Presence:	Presumed Extant	Site Last Seen:	2005-07-13						
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2010-06-16						
Quad Summary:	Copperop	olis (3712086)										
County Summary:	Calaveras	3										
Lat/Long:	37.89358	/ -120.62726		Accuracy:	specific area							
UTM:	Zone-10 N	V4196662 E708635		Elevation (ft):	650							
PLSS:	T01N, R12	2E, Sec. 35, SW (M)		Acres:	1.0							
Location:	LITTLE JO	OHNS CREEK, ABOUT 1.1 AI	R MILES WEST	OF ALTO MINE.								
Detailed Location:		LOCATED WITHIN THE ORDINARY HIGH WATER MARK OF THE CREEK, VISIBLE DURING LOW FLOW PERIODS AND SUMMER MONTHS. UNSECTIONED PORTION OF THE RANCHERIA DEL RIO ESTANISLAO LAND GRANT.										
Ecological:	MARINUM		NSIS, CYNODO	' ELEOCHARIS MACROSTACH' DN DACTYLON, TRIFOLIUM VA M MULTIFLORUM, ETC.		, HORDEUM						
General:	~69 PLAN	ITS OBSERVED IN 2005. ID (	CONFIRMED BY	' BARRETT ANDERSON AND R	OB PRESTON, 8/2010.							
Owner/Manager:	PVT											
Occurrence No.	5	Map Index: 79100	EO Index:	80066	Element Last Seen:	2005-07-13						
Occ. Rank:	Fair		Presence:	Presumed Extant	Site Last Seen:	2005-07-13						
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2010-06-16						
Quad Summary:	Copperop	olis (3712086)										
County Summary:	Calaveras	3										
Lat/Long:	37.87648	/ -120.63730		Accuracy:	specific area							
UTM:	Zone-10 N	V4194741 E707800		Elevation (ft):	560							
PLSS:	T01S, R12	2E, Sec. 03, SE (M)		Acres:	2.0							
Location:	LITTLE JO	OHNS CREEK, ABOUT 1.75 A	IR MILES WES	T OF TULLOCH DAM.								
Detailed Location:				RK OF THE CREEK, VISIBLE D IE RANCHERIA DEL RIO ESTAI		S AND						
Ecological:		G IN ROCKY SUBSTRATE. A //, POLYPOGON MONSPELIE		ELEOCHARIS MACROSTACH	YA, PASPALUM DILATATUM	, HORDEUM						
General:	~32 PLAN	ITS OBSERVED IN 2005. ID (	CONFIRMED BY	' BARRETT ANDERSON AND R	OB PRESTON, 8/2010.							
Owner/Manager:	PVT											
<b>Chlorogalum g</b> Red Hills soaproo		m			Element Code: PML	L0G020						
Listing Status:		None		CNDDB Element Ran	ks: Global: G3							
3	State:	None			State: S3							
	Other:		M_S-Sensitive, S	SB_SBBG-Santa Barbara Botanio								
Habitat:	General:			, LOWER MONTANE CONIFER								
	Micro:	OCCURS FREQUENTLY C		E OR GABBRO, BUT ALSO ON 1 265-1695 M.	NON-ULTRAMAFIC SUBSTR	ATES; OFTEN						



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Occurrence No.	16	Map Index: 13299	EO Index:	8420		Element Last Seen:	1980-04-28
Occ. Rank:	Unknown		Presence:	Presumed E	xtant	Site Last Seen:	1980-04-28
Осс. Туре:	Natural/Nativ	/e occurrence	Trend:	Unknown		Record Last Updated:	1992-09-16
Quad Summary:	New Melone	s Dam (3712085)					
County Summary:	Tuolumne						
Lat/Long:	37.91234 / -′	120.51034			Accuracy:	non-specific area	
UTM:	Zone-10 N41	199011 E718862			Elevation (ft):	1025	
PLSS:	T01N, R13E	, Sec. 26, NE (M)			Acres:	114.9	
Location:	PEORIA BAS	SIN ALONG ROAD TO NEW	MELONES DA	AM AT ROAD I	MARKER A83+70.		
Detailed Location:							
Ecological:	LOW ROCK HERBACEO	Y KNOB IN DELPIEDRA (SE US COVER.	RPENTINE) S	OIL WITH SCA	TTERED CEANO	THUS CUNEATUS AND SPA	RSE
General:		I MOUNTAIN TOP TO STAN G TO POWELL.	ISLAUS RIVE	R IS ALSO SE	RPENTINE AND S	HOULD BE SEARCHED FO	R PLANTS
Owner/Manager:	PVT						
0		Mars In Jac. 70074	EO Index:	80032		Element Last Seen:	
Occurrence No.	78	Map Index: 79071	EO muex.	00032		Element Last Seen.	2005-05-25
Occurrence No. Occ. Rank:	78 Unknown	Map Index: 79071	Presence:	Presumed E	xtant	Site Last Seen:	2005-05-25 2005-05-25
	Unknown	Map Index: 79071			xtant		
Occ. Rank:	Unknown Natural/Nativ		Presence:	Presumed E	xtant	Site Last Seen:	2005-05-25
Occ. Rank: Occ. Type:	Unknown Natural/Nativ	ve occurrence	Presence:	Presumed E	xtant	Site Last Seen:	2005-05-25
Occ. Rank: Occ. Type: Quad Summary:	Unknown Natural/Nativ New Melone	ve occurrence s Dam (3712085)	Presence:	Presumed E	xtant Accuracy:	Site Last Seen:	2005-05-25
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Unknown Natural/Nativ New Melone Calaveras 37.95052 / -*	ve occurrence s Dam (3712085)	Presence:	Presumed E		Site Last Seen: Record Last Updated:	2005-05-25
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Unknown Natural/Nativ New Melone Calaveras 37.95052 / - Zone-10 N42	ve occurrence s Dam (3712085) 120.56176	Presence:	Presumed E	Accuracy:	Site Last Seen: Record Last Updated: 2/5 mile	2005-05-25
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Unknown Natural/Nativ New Melone Calaveras 37.95052 / -7 Zone-10 N42 T01N, R13E	ve occurrence s Dam (3712085) 120.56176 203130 E714229	Presence: Trend:	Presumed E Unknown	Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 2/5 mile 1079 0.0	2005-05-25
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Unknown Natural/Nativ New Melone Calaveras 37.95052 / - Zone-10 N42 T01N, R13E NEW MELOU EXACT LOC	ve occurrence s Dam (3712085) 120.56176 203130 E714229 , Sec. 09 (M)	Presence: Trend: ERS FROM FF D AS BEST G	Presumed E Unknown RENCH CREE	Accuracy: Elevation (ft): Acres: K AND 100 METER	Site Last Seen: Record Last Updated: 2/5 mile 1079 0.0 RS FROM THE ROAD.	2005-05-25 2010-06-15
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Unknown Natural/Nativ New Melone Calaveras 37.95052 / -7 Zone-10 N42 T01N, R13E NEW MELOU EXACT LOC UNNAMED F THE PLOT IS	ve occurrence s Dam (3712085) 120.56176 203130 E714229 , Sec. 09 (M) NES RESERVOIR, 100 MET ATION UNKNOWN. MAPPE	Presence: Trend: ERS FROM FF D AS BEST GI EVATION OF	Presumed E Unknown RENCH CREE JESS BY CND 1079 FT.	Accuracy: Elevation (ft): Acres: K AND 100 METER	Site Last Seen: Record Last Updated: 2/5 mile 1079 0.0 RS FROM THE ROAD. PF FRENCH CREEK AND AS	2005-05-25 2010-06-15 SOCIATED
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Unknown Natural/Nativ New Melone Calaveras 37.95052 / - Zone-10 N42 T01N, R13E NEW MELOU EXACT LOC UNNAMED F THE PLOT II CHLOROGA	ve occurrence s Dam (3712085) 120.56176 203130 E714229 , Sec. 09 (M) NES RESERVOIR, 100 MET ATION UNKNOWN. MAPPE ROADS AROUND GIVEN EL S DOMINATED BY A HIGH F	Presence: Trend: ERS FROM FF D AS BEST GI EVATION OF PERCENTAGE	Presumed E Unknown RENCH CREE JESS BY CND 1079 FT. OF COBBLE	Accuracy: Elevation (ft): Acres: X AND 100 METER ODB IN VICINITY C AND THIN SOILS	Site Last Seen: Record Last Updated: 2/5 mile 1079 0.0 RS FROM THE ROAD. OF FRENCH CREEK AND AS AND A DISTINCT COMMUN	2005-05-25 2010-06-15 SOCIATED



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Occurrence No.	79 Map Index: 79072	EO Index:	80033	Element Last Seen:	2003-08-01
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:	2003-08-01
Осс. Туре:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:	2010-06-15
Quad Summary:	New Melones Dam (3712085)				
County Summary:	Tuolumne				
Lat/Long:	37.94530 / -120.52284		Accuracy:	80 meters	
UTM:	Zone-10 N4202640 E717665		Elevation (ft):	1505	
PLSS:	T01N, R13E, Sec. 14, NW (M)		Acres:	0.0	
Location:	NORTHWEST FACE OF PEORIA RIDG	E, ABOUT 1 AI	R MILE NORTHEAST OF CENT	RAL FERRY (SITE).	
Detailed Location:	MAPPED IN THE NW 1/4 OF THE NW	1/4 OF SECTIO	N 14.		
Ecological:	ROCKY NW-FACING SLOPE; AESCUL ANNUAL GRASSES SIGNIFICANT PAF OUTCROPS. ASSOC W/ AVENA FATU	RT OF THE HEF	RB LAYER BUT MANY NATIVE F		
General:	0.2% COVER OF THIS PLANT IN 2003.				
Owner/Manager:	USBOR				
Occurrence No.	80 Map Index: 79073	EO Index:	80035	Element Last Seen:	2003-07-30
Occurrence No. Occ. Rank:	80 Map Index: 79073 Unknown	EO Index: Presence:	80035 Presumed Extant	Element Last Seen: Site Last Seen:	2003-07-30 2003-07-30
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:	2003-07-30
Occ. Rank: Occ. Type:	Unknown Natural/Native occurrence	Presence:	Presumed Extant	Site Last Seen:	2003-07-30
Occ. Rank: Occ. Type: Quad Summary:	Unknown Natural/Native occurrence New Melones Dam (3712085)	Presence:	Presumed Extant	Site Last Seen:	2003-07-30
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Unknown Natural/Native occurrence New Melones Dam (3712085) Tuolumne	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2003-07-30
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Unknown Natural/Native occurrence New Melones Dam (3712085) Tuolumne 37.93689 / -120.53395	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: 80 meters	2003-07-30
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Unknown Natural/Native occurrence New Melones Dam (3712085) Tuolumne 37.93689 / -120.53395 Zone-10 N4201681 E716714	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 80 meters 876 0.0	2003-07-30 2010-06-15
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Unknown Natural/Native occurrence New Melones Dam (3712085) Tuolumne 37.93689 / -120.53395 Zone-10 N4201681 E716714 T01N, R13E, Sec. 15, SE (M) WESTERN SLOPES OF PEORIA RIDG	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: ED ACCESS ROAD TO NEW ME	Site Last Seen: Record Last Updated: 80 meters 876 0.0 ELONES DAM LOOKOUT, JU	2003-07-30 2010-06-15 ST EAST OF
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Unknown Natural/Native occurrence New Melones Dam (3712085) Tuolumne 37.93689 / -120.53395 Zone-10 N4201681 E716714 T01N, R13E, Sec. 15, SE (M) WESTERN SLOPES OF PEORIA RIDG CENTRAL FERRY (SITE).	Presence: Trend: E, NW OF PAV G SLOPES OF AND W/ ANNU, ANT ON W-FAG	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: ED ACCESS ROAD TO NEW ME PEORIA RIDGE. MAPPED IN TH AL GRASS UNDERSTORY. PINI	Site Last Seen: Record Last Updated: 80 meters 876 0.0 ELONES DAM LOOKOUT, JU ELONES DAM LOOKOUT, JU IE NW 1/4 OF THE SE 1/4 OF JS SABINIANA OCCURS OC	2003-07-30 2010-06-15 ST EAST OF SECTION 15. CASIONALLY
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Unknown Natural/Native occurrence New Melones Dam (3712085) Tuolumne 37.93689 / -120.53395 Zone-10 N4201681 E716714 T01N, R13E, Sec. 15, SE (M) WESTERN SLOPES OF PEORIA RIDG CENTRAL FERRY (SITE). STAND OCCURS ON S AND W FACING OPEN QUERCUS DOUGLASII WOODL WITHIN STAND AND IS MORE ABUND	Presence: Trend: E, NW OF PAV G SLOPES OF AND W/ ANNU, ANT ON W-FAG A, ETC.	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: ED ACCESS ROAD TO NEW ME PEORIA RIDGE. MAPPED IN TH AL GRASS UNDERSTORY. PINI	Site Last Seen: Record Last Updated: 80 meters 876 0.0 ELONES DAM LOOKOUT, JU ELONES DAM LOOKOUT, JU IE NW 1/4 OF THE SE 1/4 OF JS SABINIANA OCCURS OC	2003-07-30 2010-06-15 ST EAST OF SECTION 15. CASIONALLY



California Department of Fish and Wildlife



Occurrence No.         B1         Map Index: 79074         EO Index:         80036         Element Last Seen:         2003-07-30           Occ. Rank:         Unknown         Presence:         Presumed Extant         Site Last Seen:         2003-07-30           Occ. Type:         Natural/Native occurrence         Trend:         Unknown         Record Last Updated:         2010-06-15           Quad Summary:         New Melones Dam (3712085)          Accuracy:         80 meters         2010-06-15           County Summary:         Toulumne          Record Last Updated:         80 meters         2010-06-15           Lat/Long:         37.93076 / 120.53067         Accuracy:         80 meters         0.0           UTM:         Zone-10 N4201008 E717020         Kacres:         0.0            USS:         T01N, R13E, Sec. 22, NE (M)         Kacres:         0.0            Coctron:         NORTHEAST OF EASELINE CONSERVATION CAMP, NW SLOPES OF PEORIA BASIN, ABOUT 0.6 AIR MI SOUTHEAST OF CASES SSOC W BROMINATELY 0. DOUGLASI WITH A FEW 0. WISLEXEN, UNDERSTORY TARGELY EXTIC           Courrence No.         R02         Map Index: 79076         EO Index:         80039         Element Last Seen:         2003-08-01           Occ. Rank:         Unknown         Presence:         Presumed Extant						
Occ. Type:       Natural/Native occurrence       Tred:       Unknown       Record Last Updated:       2010-06-15         Quad Summary:       New Melones Dam (3712085)       County Summary:       Tuolumme       Accuracy:       80 meters         Lat/Long:       37.93076 / -120.53067       Accuracy:       80 meters       0.0         Location:       NORTHEAST OF BASELINE CONSERVATION CAMP, NW SLOPES OF PEORIA BASIN, ABOUT 0.6 AIR MI SOUTHEAST OF CENTRAL FERRY (SITE).       Outer MAPPE IN THE NV 1/4 OF THE NE 1/4 OF SECTION 22.         Ecological:       Outer DOUGLASII WOODLAND ON LOW, GENTY SLOPING RIDGE. CANOPY COVER VARIES FROM 15-50%.       Over YARIES FROM 15-50%.       Over YARIES FROM 15-50%.         Outer Douglassi WOODLAND MONLOW, GENTY SLOPING RIDGE. CANOPY COVER VARIES FROM 15-50%.       Outer Margen 200-000-000.000.000.000.000.000.000.000.	Occurrence No.	81 <b>Map Index:</b> 79074	EO Index:	80036	Element Last Seen:	2003-07-30
Quad Summary:       New Melones Dam (3712085)         County Summary:       Tuolumne         Lat/Long:       37.93076 /-120.53067       Accuracy:       80 meters         UTM:       Zone-10 N4201008 E717020       Elevation (ft):       870         PLSS:       T01N, R13E, Sec. 22, NE (M)       Acres:       0.0         Location:       NORTHEAST OF BASELINE CONSERVATION CAMP, NW SLOPES OF PEORIA BASIN, ABOUT 0.6 AIR MI SOUTHEAST OF CONTRAL FERRY (SITE).         Detailed Location:       MAPPED IN THE NW 1/4 OF THE NE 1/4 OF SECTION 22.         Ecological:       QUERCUS DOUGLASI WOODLAND ON LOW, GENTLY SLOPING RIDGE. CANOPY COVER VARIES FROM 16-50%. OVERSTORY TREES PREDOMINATELY Q. DOUGLASI WITH A FEW Q. WISLIZENI, UNDERSTORY LARGELY EXOTIC ANNUAL GRASSES. ASSOC W/ BROMUS HORDACEUS, AVENA, ETC.         General:       0.2% COVER OF THIS PLANT IN 2003.         Owner/Manager:       USBOR         Occurrence No.       82         Map Index: 79076       EO Index: 80039         Elevent Last Seen:       2003-08-01         Occ. Rank:       Unknown         Presence:       Presumed Extant         Site Last Seen:       2003-08-01         County Summary:       Tuolumne         Lat/Long:       37.93927 / -120.50262       Accuracy:       80 meters         UTM:       Zone-10 N4202019 E719460	Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:	2003-07-30
County Summary:       Tuolumne         Lat/Long:       37,93076 / -120.53067       Accuracy:       80 meters         Lat/Long:       27,93076 / -120.53067       Elevation (ft):       870         PLS:       T01N, R13E, Sec. 22, NE (M)       Acres:       0.0         Location:       NORTHEAST OF BASELINE CONSERVATION CAMP, NW SLOPES OF PEORIA BASIN, ABOUT 0.6 AIR MI SOUTHEAST OF CENTRAL FERRY (SITE).         Detailed Location:       MAPPED IN THE NW 1/4 OF THE NE 1/4 OF SECTION 22.         Ecological:       QUERCUS DOUGLASI WOODLAND ON LOW, GENTLY SLOPING RIDGE. CANOPY COVER VARIES FROM 15-50%. OVERSTORY TREES PREDOMINATELY Q, DUIGLASII WITH A FEW Q, WISLIZENI, UNDERSTORY LARGELY EXOTIC ANNUAL GRASSES. ASSOC W/ BROMUS HORDACEUS, AVENA, ETC.         General:       0.2% COVER OF THIS PLANT IN 2003.         Owmer/Manager:       USBOR         Occ. Rank:       Unknown         Presence:       Presumed Extant         Site Last Seen:       2003-08-01         Occ. Type:       Natural/Native occurrence       Trend:         Lat/Long:       37.93927 / -120.50262       Accuracy:       80 meters         UTM:       Zone-10 N4202019 E719460       Elevation (ft):       1571         PLSS:       T01N, R13E, Sec. 13, W (M)       Acres:       0.0         Location:       RIDGE BETWEEN PEORIA MOUNTAIN AND NEW MELONES RESERVOIR, ABOUT	Осс. Туре:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:	2010-06-15
Lat/Long:       37.93076 / -120.53067       Accuracy:       80 meters         UTM:       Zone-10 N4201008 E717020       Elevation (ft):       870         PLSS:       T01N, R13E, Sec. 22, NE (M)       Acres:       0.0         Location:       NORTHEAST OF BASELINE CONSERVATION CAMP, NW SLOPES OF PEORIA BASIN, ABOUT 0.6 AIR MI SOUTHEAST OF CENTRAL FERRY (SITE).         Detailed Location:       MAPPED IN THE NW 1/4 OF THE NE 1/4 OF SECTION 22.         Ecological:       QUERCUS DOUGLASI WODLAND ON LOW, CENTLY SLOPING RIDGE. CANOPY COVER VARIES FROM 15-50%. OVERSTORY TREES PREDOMINATELY 0, DOUGLASI WITH A FEW Q. WISLIZENI, UNDERSTORY LARGELY EXOTIC ANNUAL GRASSES. ASSOC WIS BOMOUS HORDACEUS, AVENA, ETC.         General:       0.2% COVER OF THIS PLANT IN 2003.         Owner/Manager:       USBOR         Occurrence No.       82       Map Index: 79076       EO Index: 80039       Element Last Seen: 2003-08-01         Occ. Rank:       Unknown       Presence:       Presumed Extant       Site Last Updated: 2010-06-15         Quad Summary:       New Melones Dam (3712085)       Country Summary:       100-06-15         County Summary:       Tuolumne       Lat/Long:       37.93927 / -120.50262       Accuracy:       80 meters         UTM:       Zone-10 N4202019 E719460       Elevation (fti):       1571       PLSS:       T01N, R13E, Sec. 13, W (M)       Acres:       0	Quad Summary:	New Melones Dam (3712085)				
UTM: Zone-10 N4201008 E717020 Elevation (ft): 870 PLSS: T01N, R13E, Sec. 22, NE (M) Acres: 0.0 Location: NORTHEAST OF BASELINE CONSERVATION CAMP, NW SLOPES OF PEORIA BASIN, ABOUT 0.6 AIR MI SOUTHEAST OF CENTRAL FERRY (SITE). Detailed Location: MAPPED IN THE NW 1/4 OF THE NE 1/4 OF SECTION 22. Ecological: QUERCUS DOUGLASI WOODLAND ON LOW, GENTLY SLOPING RIDGE. CANOPY COVER VARIES FROM 15-50%. OVERSTORY TREES PREDOMINATELY Q. DOUGLASI WITH A FEW Q. WISLIZENI, UNDERSTORY LARGELY EXOTIC ANNUAL GRASSES. ASSOC WIS BROMUS HORDACEUS, AVENA, ETC. General: 0.2% COVER OF THIS PLANT IN 2003. Owner/Manager: USBOR Occurrence No. 82 Map Index: 79076 EO Index: 80039 Elevent Site Last Seen: 2003-08-01 Occ. Type: Natural/Native occurrence Trend: Unknown Record Last Updated: 2010-06-15 Quad Summary: Tuolumne Lat/Long: 37.93927 /-120.50262 Accuracy: 80 meters UTM: Zone-10 N4202019 E719460 Elevation (ft): 1571 PLSS: T01N, R13E, Sec. 13, W (M) Acres: 0.0 Location: RIDGE BETWEEN PEORIA MOUNTAIN AND NEW MELONES RESERVOIR, ABOUT 1.9 AIR MILES EAST OF CENTRAL FERRY (SITE). Detailed Location: IN RIBE, Sec. 13, W (M) ACRES: VOIR ABOUT 1.9 AIR MILES EAST OF CENTRAL FERRY (SITE). Detailed Location: NO A ROCKY SOUTH FACING KNOLL THAT DRAINS TOWARDS A SMALL WATERSHED. MAPPED IN THE SW 1/4 OF THE NW 1/4 OF SECTION 1/3. Ecological: NTERMITTENT SHRUB LAYER AND AN INTERMITTENT HERB LAYER; ENTIRE STAND SURROUNDED BY QUERCUS DOUGLASI. ASSOC WATH AACUNG XIVENA FACING KNOLL THAT DRAINS TOWARDS A SMALL WATERSHED. MAPPED IN THE SW 1/4 OF THE NW 1/4 OF SECTION 1/3. Ecological: NTERMITTENT SHRUB LAYER AND AN INTERMITTENT HERB LAYER; ENTIRE STAND SURROUNDED BY QUERCUS COULTARIA, ETC. General: 0.2% COVER OF THIS PLANT IN 2003.	County Summary:	Tuolumne				
PLSS:       T01N, R13E, Sec. 22, NE (M)       Acres:       0.0         Location:       NORTHEAST OF BASELINE CONSERVATION CAMP, NW SLOPES OF PEORIA BASIN, ABOUT 0.6 AIR MI SOUTHEAST OF CENTRAL FERRY (SITE).         Detailed Location:       MAPPED IN THE NW 1/4 OF THE NE 1/4 OF SECTION 22.         Ecological:       QUERCUS DOUGLASII WOODLAND ON LOW, GENTL'S LOPING RIDGE. CANOPY COVER VARIES FROM 15-50%. OVERSTORY TREES PREDOMINATELY Q. DOUGLASII WITH A FEW Q. WISUZENI, UNDERSTORY LARGELY EXOTIC ANNUAL GRASSES. ASSOC W/ BROMUS HORDACEUS, AVENA, ETC.         General:       0.2% COVER OF THIS PLANT IN 2003.       Element Last Seen:       2003-08-01         Occ. Rank:       Unknown       Presence:       Presumed Extant       Site Last Seen:       2003-08-01         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2010-06-15         Quad Summary:       New Melones Dam (371208)       County       No       Acres:       0.0         Lat/Long:       37.39327 / -120.50262       Accuracy:       80 meters       0.0         Location:       RIDGE BETWEEN PEORIA MOUNTAIN AND NEW MELONES RESERVOIR, ABOUT 1.9 AIR MILES EAST OF CENTRAL FERRY (SITE).       Detailed Location:       ON A ROCKY SOUTH FACING KNOLL THAT DRAINS TOWARDS A SMALL WATERSHED. MAPPED IN THE SW 1/4 OF THE NW 1/4 OF SECTION 13.         Ecological:       INTERMITTENT SHRUB LAYER AND AN INTERMITTENT HERB LAYER; ENTIRE STAND SURROUNDED BY OUERC	Lat/Long:	37.93076 / -120.53067		Accuracy:	80 meters	
Location:       NORTHEAST OF BASELINE CONSERVATION CAMP, NW SLOPES OF PEORIA BASIN, ABOUT 0.6 AIR MI SOUTHEAST OF CENTRAL FERRY (SITE).         Detailed Location:       MAPPED IN THE NW 1/4 OF THE NE 1/4 OF SECTION 22.         Ecological:       QUERCUS DOUGLASII WOODLAND ON LOW, GENTLY SLOPING RIDGE. CANOPY COVER VARIES FROM 15-50%. OVERSTORY TREES PREDOMINATELY 2. DOUGLASII WITH A FEW 2. WISIZENI, UNDERSTORY LARGELY EXOTIC ANNUAL GRASSES. ASSOC W/ BROMUS HORDACEUS, AVENA, ETC.         General:       0.2% COVER OF THIS PLANT IN 2003.         Owner/Manager:       USBOR         Occ. rank:       Unknown         Presence:       Presumed Extant         Site Last Seen:       2003-08-01         Occ. Type:       Natural/Native occurrence       Trend:       Unknown         Record Last Updated:       2010-06-15         Quad Summary:       Tuolumne       Elevation (ft):       1571         Lat/Long:       37.39327 / -120.50262       Accuracy:       80 meters         UTM:       Zone-10 N4202019 E719460       Elevation (ft):       1571         PLSS:       T01N, R13E, Sec. 13, W (M)       Acres:       0.0         Location:       RIDGE BETWEEN PEORIA MOUNTAIN AND NEW MELONES RESERVOIR, ABOUT 1.9 AIR MILES EAST OF CENTRAL FERRY (SITE).         Detailed Location:       ON A ROCKY SOUTH FACING KNOLL THAT DRAINS TOWARDS A SMALL WATERSHED. MAPPED IN THE SW 1/4 OF THE NW 1/4 OF SECTION 13.<	UTM:	Zone-10 N4201008 E717020		Elevation (ft):	870	
CENTRAL FERRY (SITE).         Detailed Location:       MAPPED IN THE NW 1/4 OF THE NE 1/4 OF SECTION 22.         Ecological:       QUERCUS DOUGLASII WOODLAND ON LOW, GENTLY SLOPING RIDGE. CANOPY COVER VARIES FROM 15-50%. OVERSTORY TREES PREDOMINATELY Q. DOUGLASII WITH A FEW Q. WISLIZENI, UNDERSTORY LARGELY EXOTIC ANNUAL GRASSES. ASSOC W/ BROMUS HORDACEUS, AVENA, ETC.         General:       0.2% COVER OF THIS PLANT IN 2003.         Owner/Manager:       USBOR         Occurrence No.       82       Map Index: 79076       EO Index:       80039       Element Last Seen:       2003-08-01         Occ. Rank:       Unknown       Presence:       Presumed Extant       Site Last Seen:       2003-08-01         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2010-06-15         Quad Summary:       New Melones Dam (3712085)       Toulumne       Ital/Long:       37.93927 / -120.50262       Accuracy:       80 meters         Lat/Long:       37.93927 / -120.50262       Accuracy:       80 meters       UTM:         Coane-10 N4202019 E719460       Elevation (ft):       1571         PLSS:       T01N, R13E, Sec. 13, W (M)       Acres:       0.0         Location:       RIDGE BETWEEN PEORIA MOUNTAIN AND NEW MELONES RESERVOIR, ABOUT 1.9 AIR MILES EAST OF CENTRAL FERRY (STE).         OpticLasti.       <	PLSS:	T01N, R13E, Sec. 22, NE (M)		Acres:	0.0	
Ecological:       QUERCUS DOUGLASII WOODLAND ON LOW, GENTLY SLOPING RIDGE. CANOPY COVER VARIES FROM 15-50%. OVERSTORY TREES PREDOMINATELY Q. DOUGLASII WITH A FEW Q. WISLIZENI, UNDERSTORY LARGELY EXOTIC ANNUAL GRASSES. ASSOC W/ BROMUS HORDACEUS, AVENA, ETC.         General:       0.2% COVER OF THIS PLANT IN 2003.         Owner/Manager:       USBOR         Occurrence No.       82       Map Index: 79076       EO Index:       80039       Element Last Seen:       2003-08-01         Occ. Rank:       Unknown       Presence:       Presumed Extant       Site Last Seen:       2003-08-01         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2010-06-15         Quad Summary:       New Melones Dam (3712085)       County Summary:       100/mme       1571       100/mme         Lat/Long:       37.93927 / -120.50262       Accuracy:       80 meters       0.0       100/mme         Lat/Long:       37.93927 / 120.50262       Accuracy:       0.0       0       100/mme         Lat/Long:       37.93927 / 120.50262       Accuracy:       80 meters       10/mme       10/mme         Location:       RIDGE BETWEEN PEORIA MOUNTAIN AND NEW MELONES RESERVOIR, ABOUT 1.9 AIR MILES EAST OF CENTRAL FERRY (SITE).       0.0       10/mme         Location:       RIDGE BETWEEN PEORIA MOUNTAIN AND NEW MELONES	Location:		VATION CAMP,	NW SLOPES OF PEORIA BASI	N, ABOUT 0.6 AIR MI SOUTH	HEAST OF
OVERSTORY TREES PREDOMINATELY Q. DOUGLASII WITH A FEW Q. WISLIZENI, UNDERSTORY LARGELY EXOTIC ANNUAL GRASSES. ASSOC W/ BROMUS HORDACEUS, AVENA, ETC.         General:       0.2% COVER OF THIS PLANT IN 2003.         Owner/Manager:       USBOR         Occurrence No.       82       Map Index: 79076       EO Index:       80039       Element Last Seen:       2003-08-01         Occ. Rank:       Unknown       Presence:       Presumed Extant       Site Last Seen:       2003-08-01         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2010-06-15         Quad Summary:       New Melones Dam (3712085)       Tuolumne       Image: Stand	Detailed Location:	MAPPED IN THE NW 1/4 OF THE NE 1	/4 OF SECTION	↓ 22.		
Owner/Manager:         USBOR           Occurrence No.         82         Map Index: 79076         EO Index:         80039         Element Last Seen:         2003-08-01           Occ. Rank:         Unknown         Presence:         Presumed Extant         Record Last Updated:         2010-06-15           Occ. Type:         Natural/Native occurrence         Trend:         Unknown         Record Last Updated:         2010-06-15           Quad Summary:         New Melones Dam (3712085)         Accuracy:         80 meters         Stellevation (ft):         1571           Lat/Long:         37.93927 / -120.50262         Accuracy:         80 meters         Stellevation (ft):         1571           PLSS:         T01N, R13E, Sec. 13, W (M)         Acres:         0.0         Stellevation (ft):         1571           Detailed Location:         RIDGE BETWEEN PEORIA MOUNTAIN AND NEW MELONES RESERVOIR, ABOUT 1.9 AIR MILES EAST OF CENTRAL FERRY (SITE).         ON A ROCKY SOUTH FACING KNOLL THAT DRAINS TOWARDS A SMALL WATERSHED. MAPPED IN THE SW 1/4 OF THE NW 1/4 OF SECTION 13.           Ecological:         NITERMITTENT SHRUB LAYER AND AN INTERMITTENT HERB LAYER; ENTIRE STAND SURROUNDED BY OUERCUS DOUGLASII. ASSOC W/ AVENA FATUA, TOXICODENDRON DIVERSIL: BUNK, VICIA VILSA, BROMUS HORDACUS, BOOMUS AND RECKLEL A BREVIFLORA, PHACELIA CICUTARIA, ETC.           General:         0.2% COVER OF THIS PLANT IN 2003.         Stellevation diverisitic BUNK, VICIA	Ecological:	OVERSTORY TREES PREDOMINATE	Y Q. DOUGLA	SII WITH A FEW Q. WISLIZENI,		
Occurrence No.82Map Index: 79076EO Index:80039Element Last Seen:2003-08-01Occ. Rank:UnknownPresence:Presumed ExtantSite Last Seen:2003-08-01Occ. Type:Natural/Native occurrenceTrend:UnknownRecord Last Updated:2010-06-15Quad Summary:New Melones Dam (3712085)TuolumneImage: Second Last Updated:2010-06-15Lat/Long:37.93927 / -120.50262Accuracy:80 metersImage: Second Last Updated:2010-06-15UTM:Zone-10 N4202019 E719460Elevation (ft):1571Image: Second Last Updated:1571PLSS:T01N, R13E, Sec. 13, W (M)Acres:0.0Image: Second Last Updated:1.0Location:RIDGE BETWEEN PEORIA MOUNTAIN AND NEW MELONES RESERVOIR, ABOUT 1.9 AIR MILES EAST OF CENTRAL FERRY (SITE).ON A ROCKY SOUTH FACING KNOLL THAT DRAINS TOWARDS A SMALL WATERSHED. MAPPED IN THE SW 1/4 OF THE NW 1/4 OF SECTION 13.Ecological:INTERMITTENT SHRUB LAYER AND AN INTERMITTENT HERB LAYER; ENTIRE STAND SURROUNDED BY QUERCUS DOUGLASII. ASSOC W/ AVENA FATUA, TOXICODENDRON DIVERSILOBUM, VICIA VILLOSA, BROMUS HORDACEUS, KECKIELLA BREVIFLORA, PHACELIA CICUTARIA, ETC.General:0.2% COVER OF THIS PLANT IN 2003.	General:	0.2% COVER OF THIS PLANT IN 2003				
Occ. Rank:       Unknown       Presence:       Presumed Extant       Site Last Seen:       2003-08-01         Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2010-06-15         Quad Summary:       New Melones Dam (3712085)       Unknown       Record Last Updated:       2010-06-15         Quad Summary:       Tuolumne       Accuracy:       80 meters       Someters       UTM:       Zone-10 N4202019 E719460       Elevation (ft):       1571       PLSS:       T01N, R13E, Sec. 13, W (M)       Acres:       0.0       O.0         Location:       RIDGE BETWEEN PEORIA MOUNTAIN AND NEW MELONES RESERVOIR, ABOUT 1.9 AIR MILES EAST OF CENTRAL FERRY (SITE).       ON A ROCKY SOUTH FACING KNOLL THAT DRAINS TOWARDS A SMALL WATERSHED. MAPPED IN THE SW 1/4 OF THE NW 1/4 OF SECTION 13.         Ecological:       INTERMITTENT SHRUB LAYER AND AN INTERMITTENT HERB LAYER; ENTIRE STAND SURROUNDED BY QUERCUS DOUGLASII. ASSOC W/ AVENA FATUA, TOXICODENDRON DIVERSILOBUM, VICIA VILLOSA, BROMUS HORDACEUS, KECKIELLA BREVIFLORA, PHACELIA CICUTARIA, ETC.         General:       0.2% COVER OF THIS PLANT IN 2003.       UTA	Owner/Manager:	USBOR				
Occ. Type:       Natural/Native occurrence       Trend:       Unknown       Record Last Updated:       2010-06-15         Quad Summary:       New Melones Dam (3712085)       County Summary:       Tuolumne       Accuracy:       80 meters         Lat/Long:       37.93927 / -120.50262       Accuracy:       80 meters       Other         UTM:       Zone-10 N4202019 E719460       Elevation (ft):       1571         PLSS:       T01N, R13E, Sec. 13, W (M)       Acres:       0.0         Location:       RIDGE BETWEEN PEORIA MOUNTAIN AND NEW MELONES RESERVOIR, ABOUT 1.9 AIR MILES EAST OF CENTRAL FERRY (SITE).         Detailed Location:       ON A ROCKY SOUTH FACING KNOLL THAT DRAINS TOWARDS A SMALL WATERSHED. MAPPED IN THE SW 1/4 OF THE NW 1/4 OF SECTION 13.         Ecological:       INTERMITTENT SHRUB LAYER AND AN INTERMITTENT HERB LAYER; ENTIRE STAND SURROUNDED BY QUERCUS DOUGLASII. ASSOC W: AVENA FATUA, TOXICODENDRON DIVERSILOBUM, VICIA VILLOSA, BROMUS HORDACEUS, KECKIELLA BREVIFLORA, PHACELIA CICUTARIA, ETC.         General:       0.2% COVER OF THIS PLANT IN 2003.	Occurrence No.	82 Map Index: 79076	EO Index:	80039	Element Last Seen:	2003-08-01
Quad Summary:       New Melones Dam (3712085)         County Summary:       Tuolumne         Lat/Long:       37.93927 / -120.50262       Accuracy:       80 meters         UTM:       Zone-10 N4202019 E719460       Elevation (ft):       1571         PLSS:       T01N, R13E, Sec. 13, W (M)       Acres:       0.0         Location:       RIDGE BETWEEN PEORIA MOUNTAIN AND NEW MELONES RESERVOIR, ABOUT 1.9 AIR MILES EAST OF CENTRAL FERRY (SITE).         Detailed Location:       ON A ROCKY SOUTH FACING KNOLL THAT DRAINS TOWARDS A SMALL WATERSHED. MAPPED IN THE SW 1/4 OF THE NW 1/4 OF SECTION 13.         Ecological:       INTERMITTENT SHRUB LAYER AND AN INTERMITTENT HERB LAYER; ENTIRE STAND SURROUNDED BY QUERCUS DOUGLASII. ASSOC W/ AVENA FATUA, TOXICODENDRON DIVERSILOBUM, VICIA VILLOSA, BROMUS HORDACEUS, KECKIELLA BREVIFLORA, PHACELIA CICUTARIA, ETC.         General:       0.2% COVER OF THIS PLANT IN 2003.						
County Summary:       Tuolumne         Lat/Long:       37.93927 / -120.50262       Accuracy:       80 meters         UTM:       Zone-10 N4202019 E719460       Elevation (ft):       1571         PLSS:       T01N, R13E, Sec. 13, W (M)       Acres:       0.0         Location:       RIDGE BETWEEN PEORIA MOUNTAIN AND NEW MELONES RESERVOIR, ABOUT 1.9 AIR MILES EAST OF CENTRAL FERRY (SITE).         Detailed Location:       ON A ROCKY SOUTH FACING KNOLL THAT DRAINS TOWARDS A SMALL WATERSHED. MAPPED IN THE SW 1/4 OF THE NW 1/4 OF SECTION 13.         Ecological:       INTERMITTENT SHRUB LAYER AND AN INTERMITTENT HERB LAYER; ENTIRE STAND SURROUNDED BY QUERCUS DOUGLASII. ASSOC W/ AVENA FATUA, TOXICODENDRON DIVERSILOBUM, VICIA VILLOSA, BROMUS HORDACEUS, KECKIELLA BREVIFLORA, PHACELIA CICUTARIA, ETC.         General:       0.2% COVER OF THIS PLANT IN 2003.	Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:	2003-08-01
Lat/Long:       37.93927 / -120.50262       Accuracy:       80 meters         UTM:       Zone-10 N4202019 E719460       Elevation (ft):       1571         PLSS:       T01N, R13E, Sec. 13, W (M)       Acres:       0.0         Location:       RIDGE BETWEEN PEORIA MOUNTAIN AND NEW MELONES RESERVOIR, ABOUT 1.9 AIR MILES EAST OF CENTRAL FERRY (SITE).         Detailed Location:       ON A ROCKY SOUTH FACING KNOLL THAT DRAINS TOWARDS A SMALL WATERSHED. MAPPED IN THE SW 1/4 OF THE NW 1/4 OF SECTION 13.         Ecological:       INTERMITTENT SHRUB LAYER AND AN INTERMITTENT HERB LAYER; ENTIRE STAND SURROUNDED BY QUERCUS DOUGLASII. ASSOC W/ AVENA FATUA, TOXICODENDRON DIVERSILOBUM, VICIA VILLOSA, BROMUS HORDACEUS, KECKIELLA BREVIFLORA, PHACELIA CICUTARIA, ETC.         General:       0.2% COVER OF THIS PLANT IN 2003.						
UTM:Zone-10 N4202019 E719460Elevation (ft):1571PLSS:T01N, R13E, Sec. 13, W (M)Acres:0.0Location:RIDGE BETWEEN PEORIA MOUNTAIN AND NEW MELONES RESERVOIR, ABOUT 1.9 AIR MILES EAST OF CENTRAL FERRY (SITE).Detailed Location:ON A ROCKY SOUTH FACING KNOLL THAT DRAINS TOWARDS A SMALL WATERSHED. MAPPED IN THE SW 1/4 OF THE NW 1/4 OF SECTION 13.Ecological:INTERMITTENT SHRUB LAYER AND AN INTERMITTENT HERB LAYER; ENTIRE STAND SURROUNDED BY QUERCUS DUUGLASII. ASSOC W/ AVENA FATUA, TOXICODENDRON DIVERSILOBUM, VICIA VILLOSA, BROMUS HORDACEUS, KECKIELLA BREVIFLORA, PHACELIA CICUTARIA, ETC.General:0.2% COVER OF THIS PLANT IN 2003.	Осс. Туре:	Natural/Native occurrence				
PLSS:T01N, R13E, Sec. 13, W (M)Acres:0.0Location:RIDGE BETWEEN PEORIA MOUNTAIN AND NEW MELONES RESERVOIR, ABOUT 1.9 AIR MILES EAST OF CENTRAL FERRY (SITE).Detailed Location:ON A ROCKY SOUTH FACING KNOLL THAT DRAINS TOWARDS A SMALL WATERSHED. MAPPED IN THE SW 1/4 OF THE NW 1/4 OF SECTION 13.Ecological:INTERMITTENT SHRUB LAYER AND AN INTERMITTENT HERB LAYER; ENTIRE STAND SURROUNDED BY QUERCUS DOUGLASII. ASSOC W/ AVENA FATUA, TOXICODENDRON DIVERSILOBUM, VICIA VILLOSA, BROMUS HORDACEUS, KECKIELLA BREVIFLORA, PHACELIA CICUTARIA, ETC.General:0.2% COVER OF THIS PLANT IN 2003.	Occ. Type: Quad Summary:	Natural/Native occurrence New Melones Dam (3712085)				
Location:       RIDGE BETWEEN PEORIA MOUNTAIN AND NEW MELONES RESERVOIR, ABOUT 1.9 AIR MILES EAST OF CENTRAL FERRY (SITE).         Detailed Location:       ON A ROCKY SOUTH FACING KNOLL THAT DRAINS TOWARDS A SMALL WATERSHED. MAPPED IN THE SW 1/4 OF THE NW 1/4 OF SECTION 13.         Ecological:       INTERMITTENT SHRUB LAYER AND AN INTERMITTENT HERB LAYER; ENTIRE STAND SURROUNDED BY QUERCUS DOUGLASII. ASSOC W/ AVENA FATUA, TOXICODENDRON DIVERSILOBUM, VICIA VILLOSA, BROMUS HORDACEUS, KECKIELLA BREVIFLORA, PHACELIA CICUTARIA, ETC.         General:       0.2% COVER OF THIS PLANT IN 2003.	Occ. Type: Quad Summary: County Summary:	Natural/Native occurrence New Melones Dam (3712085) Tuolumne		Unknown	Record Last Updated:	
(SITE).Detailed Location:ON A ROCKY SOUTH FACING KNOLL THAT DRAINS TOWARDS A SMALL WATERSHED. MAPPED IN THE SW 1/4 OF THE NW 1/4 OF SECTION 13.Ecological:INTERMITTENT SHRUB LAYER AND AN INTERMITTENT HERB LAYER; ENTIRE STAND SURROUNDED BY QUERCUS DOUGLASII. ASSOC W/ AVENA FATUA, TOXICODENDRON DIVERSILOBUM, VICIA VILLOSA, BROMUS HORDACEUS, KECKIELLA BREVIFLORA, PHACELIA CICUTARIA, ETC.General:0.2% COVER OF THIS PLANT IN 2003.	Occ. Type: Quad Summary: County Summary: Lat/Long:	Natural/Native occurrence New Melones Dam (3712085) Tuolumne 37.93927 / -120.50262		Unknown Accuracy:	Record Last Updated: 80 meters	
1/4 OF SECTION 13.         Ecological:       INTERMITTENT SHRUB LAYER AND AN INTERMITTENT HERB LAYER; ENTIRE STAND SURROUNDED BY QUERCUS DOUGLASII. ASSOC W/ AVENA FATUA, TOXICODENDRON DIVERSILOBUM, VICIA VILLOSA, BROMUS HORDACEUS, KECKIELLA BREVIFLORA, PHACELIA CICUTARIA, ETC.         General:       0.2% COVER OF THIS PLANT IN 2003.	Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Natural/Native occurrenceNew Melones Dam (3712085)Tuolumne37.93927 / -120.50262Zone-10 N4202019 E719460		Unknown Accuracy: Elevation (ft):	Record Last Updated: 80 meters 1571	
DOUGLASII. ASSOC W/ AVENA FATUA, TOXICODENDRON DIVERSILÓBUM, VICIA VILLOSA, BROMUS HORDACEUS, KECKIELLA BREVIFLORA, PHACELIA CICUTARIA, ETC.         General:       0.2% COVER OF THIS PLANT IN 2003.	Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Natural/Native occurrence New Melones Dam (3712085) Tuolumne 37.93927 / -120.50262 Zone-10 N4202019 E719460 T01N, R13E, Sec. 13, W (M) RIDGE BETWEEN PEORIA MOUNTAIN	Trend:	Unknown Accuracy: Elevation (ft): Acres:	Record Last Updated: 80 meters 1571 0.0	2010-06-15
	Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Natural/Native occurrence New Melones Dam (3712085) Tuolumne 37.93927 / -120.50262 Zone-10 N4202019 E719460 T01N, R13E, Sec. 13, W (M) RIDGE BETWEEN PEORIA MOUNTAIN (SITE). ON A ROCKY SOUTH FACING KNOLL	Trend:	Unknown Accuracy: Elevation (ft): Acres: CLONES RESERVOIR, ABOUT 1	Record Last Updated: 80 meters 1571 0.0 9 AIR MILES EAST OF CEN	2010-06-15 TRAL FERRY
Owner/Manager: USBOR	Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Natural/Native occurrence New Melones Dam (3712085) Tuolumne 37.93927 / -120.50262 Zone-10 N4202019 E719460 T01N, R13E, Sec. 13, W (M) RIDGE BETWEEN PEORIA MOUNTAIN (SITE). ON A ROCKY SOUTH FACING KNOLL 1/4 OF SECTION 13. INTERMITTENT SHRUB LAYER AND A DOUGLASII. ASSOC W/ AVENA FATUA	Trend: NAND NEW ME THAT DRAINS	Unknown Accuracy: Elevation (ft): Acres: CLONES RESERVOIR, ABOUT 1 TOWARDS A SMALL WATERS ENT HERB LAYER; ENTIRE STA DRON DIVERSILOBUM, VICIA	Record Last Updated: 80 meters 1571 0.0 9 AIR MILES EAST OF CENT HED. MAPPED IN THE SW 1/ ND SURROUNDED BY QUE	2010-06-15 TRAL FERRY '4 OF THE NW RCUS
	Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location: Ecological:	Natural/Native occurrence New Melones Dam (3712085) Tuolumne 37.93927 / -120.50262 Zone-10 N4202019 E719460 T01N, R13E, Sec. 13, W (M) RIDGE BETWEEN PEORIA MOUNTAIN (SITE). ON A ROCKY SOUTH FACING KNOLL 1/4 OF SECTION 13. INTERMITTENT SHRUB LAYER AND A DOUGLASII. ASSOC W/ AVENA FATU, KECKIELLA BREVIFLORA, PHACELIA	Trend: NAND NEW ME THAT DRAINS NINTERMITTE A, TOXICODEN CICUTARIA, ET	Unknown Accuracy: Elevation (ft): Acres: CLONES RESERVOIR, ABOUT 1 TOWARDS A SMALL WATERS ENT HERB LAYER; ENTIRE STA DRON DIVERSILOBUM, VICIA	Record Last Updated: 80 meters 1571 0.0 9 AIR MILES EAST OF CENT HED. MAPPED IN THE SW 1/ ND SURROUNDED BY QUE	2010-06-15 TRAL FERRY '4 OF THE NW RCUS



California Department of Fish and Wildlife



Occurrence No.	83	Map Index: 58627	EO Index:	80041	Element Last Seen:	1998-06-06
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1998-06-06
Осс. Туре:	Natural/Na	ative occurrence	Trend:	Unknown	Record Last Updated:	2010-06-15
Quad Summary:	Salt Spring	g Valley (3812016)				
County Summary:	Calaveras	i				
_at/Long:	38.01848	/ -120.63706		Accuracy:	80 meters	
JTM:	Zone-10 N	4210500 E707421		Elevation (ft):	1600	
PLSS:	T02N, R12	2E, Sec. 15, SE (M)		Acres:	0.0	
ocation:	2.5 ROAD	MILES NORTH OF COPPEI	ROPOLIS ALON	G HIGHWAY 4; WATERSHED O	F BLACK CREEK.	
Detailed Location:	ON A GEN	NTLE SLOPE 0.3 AIR MILES	EAST OF HIGH	WAY. MAPPED IN THE SW 1/4 (	OF THE SE 1/4 OF SECTION	15.
Ecological:	LASTHEN		TIA CALIFORNIC	I SET IN CEANOTHUS CUNEAT A, MIMULUS GUTTATUS EARL III.		
General:		N NUMBER OF PLANTS OB NTHA MARIPOSAE.	SERVED IN 199	8; LISTED AS AN ASSOCIATE (	ON FIELD SURVEY FORM FO	OR
Owner/Manager:	BLM					
Fritillaria agres stinkbells	stis				Element Code: PMLI	L0V010
Listing Status:	Federal:	None		CNDDB Element Ran	ks: Global: G3	
Listing Status:	Federal: State:	None None		CNDDB Element Ran	ks: Global: G3 State: S3	
Listing Status:				CNDDB Element Ran		
Listing Status: Habitat:	State:	None Rare Plant Rank - 4.2	ID, CHAPARRAL	CNDDB Element Ran	State: S3	PER
J.	State: Other:	None Rare Plant Rank - 4.2 CISMONTANE WOODLAN WOODLAND.			State: S3 SSLAND, PINYON AND JUN	
Habitat:	State: Other: General:	None Rare Plant Rank - 4.2 CISMONTANE WOODLAN WOODLAND. SOMETIMES ON SERPEN		., VALLEY AND FOOTHILL GRA	State: S3 SSLAND, PINYON AND JUN	NINGS IN CL
Habitat:	State: Other: General: Micro:	None Rare Plant Rank - 4.2 CISMONTANE WOODLAN WOODLAND. SOMETIMES ON SERPEN SOIL. 10-1555 M.	ITINE; MOSTLY	., VALLEY AND FOOTHILL GRA FOUND IN NONNATIVE GRASS	State: S3 SSLAND, PINYON AND JUN SLAND OR IN GRASSY OPEN	NINGS IN CL
Habitat: Dccurrence No. Dcc. Rank:	State: Other: General: Micro: 24 Unknown	None Rare Plant Rank - 4.2 CISMONTANE WOODLAN WOODLAND. SOMETIMES ON SERPEN SOIL. 10-1555 M.	ITINE; MOSTLY	., VALLEY AND FOOTHILL GRA FOUND IN NONNATIVE GRASS 9189	State: S3 SSLAND, PINYON AND JUN SLAND OR IN GRASSY OPEN Element Last Seen:	
Habitat: Dccurrence No. Dcc. Rank: Dcc. Type:	State: Other: General: Micro: 24 Unknown Natural/Na	None Rare Plant Rank - 4.2 CISMONTANE WOODLAN WOODLAND. SOMETIMES ON SERPEN SOIL. 10-1555 M. Map Index: 21056	ITINE; MOSTLY EO Index: Presence:	., VALLEY AND FOOTHILL GRA FOUND IN NONNATIVE GRASS 9189 Presumed Extant	State: S3 SSLAND, PINYON AND JUN SLAND OR IN GRASSY OPEN Element Last Seen: Site Last Seen:	NINGS IN CL 1978-XX-X 1978-XX-X
Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	State: Other: General: Micro: 24 Unknown Natural/Na	None Rare Plant Rank - 4.2 CISMONTANE WOODLAN WOODLAND. SOMETIMES ON SERPEN SOIL. 10-1555 M. Map Index: 21056 ative occurrence erry (3712076)	ITINE; MOSTLY EO Index: Presence:	., VALLEY AND FOOTHILL GRA FOUND IN NONNATIVE GRASS 9189 Presumed Extant	State: S3 SSLAND, PINYON AND JUN SLAND OR IN GRASSY OPEN Element Last Seen: Site Last Seen:	NINGS IN CL 1978-XX-X 1978-XX-X
Habitat: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary:	State: Other: General: Micro: 24 Unknown Natural/Na Knights Fe Stanislaus	None Rare Plant Rank - 4.2 CISMONTANE WOODLAN WOODLAND. SOMETIMES ON SERPEN SOIL. 10-1555 M. Map Index: 21056 ative occurrence erry (3712076)	ITINE; MOSTLY EO Index: Presence:	., VALLEY AND FOOTHILL GRA FOUND IN NONNATIVE GRASS 9189 Presumed Extant	State: S3 SSLAND, PINYON AND JUN SLAND OR IN GRASSY OPEN Element Last Seen: Site Last Seen:	NINGS IN CL 1978-XX-X 1978-XX-X
Habitat: Dccurrence No. Dcc. Rank: Dcc. Type: Quad Summary: County Summary: Lat/Long:	State: Other: General: Micro: 24 Unknown Natural/Na Knights Fe Stanislaus 37.76156	None Rare Plant Rank - 4.2 CISMONTANE WOODLAN WOODLAND. SOMETIMES ON SERPEN SOIL. 10-1555 M. Map Index: 21056 ative occurrence erry (3712076)	ITINE; MOSTLY EO Index: Presence:	., VALLEY AND FOOTHILL GRA FOUND IN NONNATIVE GRASS 9189 Presumed Extant Unknown	State: S3 SSLAND, PINYON AND JUN SLAND OR IN GRASSY OPEN Element Last Seen: Site Last Seen: Record Last Updated:	NINGS IN CL 1978-XX-X 1978-XX-X
Habitat: Dccurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	State: Other: General: Micro: 24 Unknown Natural/Na Knights Fe Stanislaus 37.76156 Zone-10 N	None Rare Plant Rank - 4.2 CISMONTANE WOODLAN WOODLAND. SOMETIMES ON SERPEN SOIL. 10-1555 M. Map Index: 21056 ative occurrence erry (3712076)	ITINE; MOSTLY EO Index: Presence:	, VALLEY AND FOOTHILL GRA FOUND IN NONNATIVE GRASS 9189 Presumed Extant Unknown Accuracy:	State: S3 SSLAND, PINYON AND JUN SLAND OR IN GRASSY OPEN Element Last Seen: Site Last Seen: Record Last Updated: 1/5 mile	NINGS IN CL 1978-XX-X 1978-XX-X
Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	State: Other: General: Micro: 24 Unknown Natural/Na Knights Fe Stanislaus 37.76156 Zone-10 N T02S, R12	None Rare Plant Rank - 4.2 CISMONTANE WOODLAN WOODLAND. SOMETIMES ON SERPEN SOIL. 10-1555 M. Map Index: 21056 ative occurrence erry (3712076) s / -120.69216 4181868 E703290 2E, Sec. 18, SW (M)	EO Index: Presence: Trend:	, VALLEY AND FOOTHILL GRA FOUND IN NONNATIVE GRASS 9189 Presumed Extant Unknown Accuracy: Elevation (ft):	State: S3 SSLAND, PINYON AND JUN SLAND OR IN GRASSY OPEN Element Last Seen: Site Last Seen: Record Last Updated: 1/5 mile 360 0.0	NINGS IN CL 1978-XX-X 1978-XX-X
Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	State: Other: General: Micro: 24 Unknown Natural/Na Knights Fe Stanislaus 37.76156 Zone-10 N T02S, R12	None Rare Plant Rank - 4.2 CISMONTANE WOODLAN WOODLAND. SOMETIMES ON SERPEN SOIL. 10-1555 M. Map Index: 21056 ative occurrence erry (3712076) s / -120.69216 4181868 E703290 2E, Sec. 18, SW (M)	EO Index: Presence: Trend:	, VALLEY AND FOOTHILL GRA FOUND IN NONNATIVE GRASS 9189 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	State: S3 SSLAND, PINYON AND JUN SLAND OR IN GRASSY OPEN Element Last Seen: Site Last Seen: Record Last Updated: 1/5 mile 360 0.0	NINGS IN CL 1978-XX-X 1978-XX-X
Ū	State: Other: General: Micro: 24 Unknown Natural/Na Knights Fe Stanislaus 37.76156 Zone-10 N T02S, R12	None Rare Plant Rank - 4.2 CISMONTANE WOODLAN WOODLAND. SOMETIMES ON SERPEN SOIL. 10-1555 M. Map Index: 21056 ative occurrence erry (3712076) s / -120.69216 4181868 E703290 2E, Sec. 18, SW (M)	EO Index: Presence: Trend:	, VALLEY AND FOOTHILL GRA FOUND IN NONNATIVE GRASS 9189 Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	State: S3 SSLAND, PINYON AND JUN SLAND OR IN GRASSY OPEN Element Last Seen: Site Last Seen: Record Last Updated: 1/5 mile 360 0.0	NINGS IN CL 1978-XX-X 1978-XX-X
Habitat: Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	State: Other: General: Micro: 24 Unknown Natural/Na Knights Fe Stanislaus 37.76156 Zone-10 N T02S, R12 ALONG D	None Rare Plant Rank - 4.2 CISMONTANE WOODLAN WOODLAND. SOMETIMES ON SERPEN SOIL. 10-1555 M. Map Index: 21056 ative occurrence erry (3712076) s / -120.69216 4181868 E703290 2E, Sec. 18, SW (M)	EO Index: Presence: Trend:	, VALLEY AND FOOTHILL GRA FOUND IN NONNATIVE GRASS 9189 Presumed Extant Unknown Accuracy: Elevation (ft): Acres: T DEAD ENDS IN CENTER OF	State: S3 SSLAND, PINYON AND JUN SLAND OR IN GRASSY OPEN Element Last Seen: Site Last Seen: Record Last Updated: 1/5 mile 360 0.0	NINGS IN CL 1978-XX-X 1978-XX-X



Habitat:

General:

Micro:

VERNAL POOLS.

California Department of Fish and Wildlife

#### **California Natural Diversity Database**



Agrostis hende Henderson's ben					Element Code: PMP0	DA040K0
Listing Status:	Federal:	None		CNDDB Element Ran	ks: Global: G2Q	
	State:	None			State: S2	
	Other:	Rare Plant Rank - 3.2				
Habitat:	General:	VALLEY AND FOOTHILL	GRASSLAND, VE	ERNAL POOLS.		
	Micro:	MOIST PLACES IN GRAS	SLAND OR VER	NAL POOL HABITAT. 65-1030 M	1.	
Occurrence No.	2	Map Index: 17315	EO Index:	9795	Element Last Seen:	1936-04-07
Occ. Rank:	Unknown		Presence:	Presumed Extant	Site Last Seen:	1936-04-07
Осс. Туре:	Natural/N	ative occurrence	Trend:	Unknown	Record Last Updated:	2010-11-10
Quad Summary:	New Melo	ones Dam (3712085)				
County Summary:	Calaveras	s, Tuolumne				
Lat/Long:	37.90973	/ -120.57022		Accuracy:	non-specific area	
UTM:	Zone-10	N4198584 E713604		Elevation (ft):	950	
PLSS:	T01N, R1	3E, Sec. 29 (M)		Acres:	641.0	
Location:	1 MILE S	OUTHWEST OF SUGARLOA	F MOUNTAIN.			
Detailed Location:	EXACT L	OCATION UNKNOWN. MAPI	PED BY CNDDB	AROUND SECTION 29 ACCORI	DING TO GIVEN T-R-S: 1N13	BE29.
Ecological:	SLOPE 5	%.				
General:	ONLY SC FIELDWC		FOR THIS OCCL	JRRENCE ARE TWO CARLSON	COLLECTIONS FROM 1936	. NEEDS
Owner/Manager:	UNKNOW	VN				
<b>Neostapfia col</b> Colusa grass	usana				Element Code: PMP	DA4C010
Listing Status:	Federal:	Threatened		CNDDB Element Ran	ks: Global: G1	
	State:	Endangered			State: S1	
	Other:	Rare Plant Rank - 1B.1				

USUALLY IN THE BOTTOMS OF LARGE, OR DEEP VERNAL POOLS; ADOBE SOILS. 5-125 M.



California Department of Fish and Wildlife



Occurrence No.	47	Man Index: 10700	EO Index:	19591	Element Last Seen:	1986-07-24
Occ. Rank:	47 None	Map Index: 12702	Presence:	Possibly Extirpated	Site Last Seen:	1986-07-24
		/e occurrence				
Осс. Туре:	Natural/Nativ	/e occurrence	Trend:	Unknown	Record Last Updated:	2016-02-09
Quad Summary:	Bachelor Val	lley (3712087)				
County Summary:	Stanislaus					
Lat/Long:	37.88724 / -⁄	120.75800		Accuracy:	specific area	
UTM:	Zone-10 N41	195674 E697154		Elevation (ft):	340	
PLSS:	T01N, R11E	, Sec. 34, SW (M)		Acres:	6.9	
Location:	APPROX 6	AIR MILES NORTHWEST O	F KNIGHTS FE	RRY, AT HEADWATERS OF SH	IRLEY CREEK.	
Detailed Location:	5 MILES ES	E OF EUGENE. INTERMITT	ENT POND WI	THIN THE SW 1/4 OF THE SW	1/4 OF SECTION 34.	
Ecological:				D AREA OF CRYPSIS VAGINIFI ARE A REDDING-PENTZ-PETEF		RT OF A
General:				AZING IN AREA DOESN'T APPE SIS VAGINIFLORA. BASED ON		
		RPATED BY AG BTWN 201				
Owner/Manager:						
Owner/Manager: Occurrence No.	BEEN EXTIF			6269	Element Last Seen:	2017-07-10
_	BEEN EXTIF PVT	RPATED BY AG BTWN 2017	1 & 2013.	6269 Presumed Extant	Element Last Seen: Site Last Seen:	
Occurrence No.	BEEN EXTIF PVT 55 Fair	RPATED BY AG BTWN 2017	1 & 2013. EO Index:			2017-07-10
Occurrence No. Occ. Rank:	BEEN EXTIF PVT 55 Fair	Map Index: 25009	1 & 2013. EO Index: Presence:	Presumed Extant	Site Last Seen:	2017-07-10 2017-07-10
Occurrence No. Occ. Rank: Occ. Type:	BEEN EXTIF PVT 55 Fair Natural/Nativ	Map Index: 25009	1 & 2013. EO Index: Presence:	Presumed Extant	Site Last Seen:	2017-07-10 2017-07-10
Occurrence No. Occ. Rank: Occ. Type: Quad Summary:	BEEN EXTIF PVT 55 Fair Natural/Nativ Knights Ferry	RPATED BY AG BTWN 2017 Map Index: 25009 /e occurrence y (3712076)	1 & 2013. EO Index: Presence:	Presumed Extant	Site Last Seen:	2017-07-10 2017-07-10
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary:	BEEN EXTIF PVT 55 Fair Natural/Nativ Knights Ferry Stanislaus 37.76111/-	RPATED BY AG BTWN 2017 Map Index: 25009 /e occurrence y (3712076)	1 & 2013. EO Index: Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2017-07-10 2017-07-10
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	BEEN EXTIF PVT 55 Fair Natural/Nativ Knights Ferr Stanislaus 37.76111 / - <sup>2</sup> Zone-10 N41	Map Index:         25009           ve occurrence         vg (3712076)           120.64585         120.64585	1 & 2013. EO Index: Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: specific area	2017-07-10 2017-07-10
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	BEEN EXTIF PVT 55 Fair Natural/Nativ Knights Ferr Stanislaus 37.76111 / - <sup>2</sup> Zone-10 N4 <sup>2</sup> T02S, R12E	RPATED BY AG BTWN 2017           Map Index: 25009           /e occurrence           y (3712076)           120.64585           181919 E707371           , Sec. 15, SW (M)	1 & 2013. EO Index: Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: specific area 340 7.8	2017-07-10 2017-07-10
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	BEEN EXTIF PVT 55 Fair Natural/Nativ Knights Ferry Stanislaus 37.76111 / - <sup>2</sup> Zone-10 N41 T02S, R12E POND UNDE 1.6 MILES W	Map Index: 25009 /e occurrence y (3712076) 120.64585 181919 E707371 , Sec. 15, SW (M) ER TRANSMISSION LINES /EST OF WILLIAMS ROAD ANTS ONLY OBSERVED OI	EO Index: Presence: Trend: ABOUT 4.7 AIF	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: specific area 340 7.8 DING. FION 15 (ADJACENT TO SEC	2017-07-10 2017-07-10 2020-04-21
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	BEEN EXTIF PVT 55 Fair Natural/Nativ Knights Ferr Stanislaus 37.76111 / - <sup>2</sup> Zone-10 N41 T02S, R12E, POND UNDE 1.6 MILES W IN 2017, PL/ INTENSE GI ARTIFICIAL	Map Index: 25009 /e occurrence y (3712076) 120.64585 181919 E707371 , Sec. 15, SW (M) ER TRANSMISSION LINES /EST OF WILLIAMS ROAD ANTS ONLY OBSERVED OF RAZING.	EO Index: Presence: Trend: ABOUT 4.7 AIF WITHIN THE N N THE WILLMS ENT DRAINAG	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: R MILES SSE OF KNIGHTS LAN W 1/4 OF THE SW 1/4 OF SECT RANCH SIDE OF STOCKPONE E. ASSOCIATED WITH CRYPSI	Site Last Seen: Record Last Updated: specific area 340 7.8 DING. FION 15 (ADJACENT TO SEC D; ADJACENT RANCH SUBJ	2017-07-10 2017-07-10 2020-04-21
Occurrence No. Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	BEEN EXTIF PVT 55 Fair Natural/Nativ Knights Ferr Stanislaus 37.76111 / - <sup>2</sup> Zone-10 N41 T02S, R12E POND UNDE 1.6 MILES W IN 2017, PL/ INTENSE GI ARTIFICIAL STRUMARIU 1000+ PLAN	Map Index: 25009 Map Index: 25009 /e occurrence y (3712076) 120.64585 181919 E707371 , Sec. 15, SW (M) ER TRANSMISSION LINES VEST OF WILLIAMS ROAD ANTS ONLY OBSERVED OI RAZING. POND ALONG INTERMITT JM, AND AMARANTHUS. A ITS OBSERVED IN 1988 AN	EO Index: Presence: Trend: ABOUT 4.7 AIF WITHIN THE N N THE WILLMS ENT DRAINAG NNUAL GRASS ID 2017. PRES	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: R MILES SSE OF KNIGHTS LAN W 1/4 OF THE SW 1/4 OF SECT RANCH SIDE OF STOCKPONE E. ASSOCIATED WITH CRYPSI	Site Last Seen: Record Last Updated: specific area 340 7.8 DING. FION 15 (ADJACENT TO SEC D; ADJACENT RANCH SUBJI S VAGINIFLORA, XANTHIUM E CONSISTENT WITH EXIST	2017-07-10 2017-07-10 2020-04-21 2020-04-21



California Department of Fish and Wildlife



Occurrence No.	75	Map Index: B1448	EO Index:	113354	Element Last Seen:	2017-07-10
Occ. Rank:	Fair		Presence:	Presumed Extant	Site Last Seen:	2017-07-10
Осс. Туре:	Natural/Native	occurrence	Trend:	Unknown	Record Last Updated:	2020-04-21
Quad Summary:	Knights Ferry	(3712076)				
County Summary:	Stanislaus					
Lat/Long:	37.76826 / -12	20.63559		Accuracy:	80 meters	
UTM:	Zone-10 N418	82736 E708256		Elevation (ft):	375	
PLSS:	T02S, R12E, S	Sec. 15, NE (M)		Acres:	5.0	
Location:	APPROXIMAT	TELY 3.4 AIR MILES SSE	OF THE JUNCT	TION OF CA-108 WITH WILLMS	ROAD, WILLMS RANCH.	
Detailed Location:	MAPPED ARC	OUND STOCKPOND AT C	OORDINATES	PROVIDED, IN THE NW 1/4 OF	THE NE 1/4 OF SECTION 1	5.
Ecological:				F NATURAL DRAINAGE ON PI	ENTZ CLAY LOAM. ASSOCIA	TED WITH
General:		HOENOIDES AND AMARA BSERVED IN 2017.	ANTHUS ALBU	<u>Б.</u>		
Owner/Manager:	PVT					
Occurrence No.	76	Map Index: B1449	EO Index:	113355	Element Last Seen:	2017-07-10
Occurrence No. Occ. Rank:	76 Fair	Map Index: B1449	EO Index: Presence:	113355 Presumed Extant	Element Last Seen: Site Last Seen:	2017-07-10 2017-07-10
Occ. Rank:	Fair	e occurrence	Presence:	Presumed Extant	Site Last Seen:	2017-07-10
Occ. Rank: Occ. Type:	Fair Natural/Native	e occurrence	Presence:	Presumed Extant	Site Last Seen:	2017-07-10
Occ. Rank: Occ. Type: Quad Summary:	Fair Natural/Native Knights Ferry	e occurrence (3712076)	Presence:	Presumed Extant	Site Last Seen:	2017-07-10
Occ. Rank: Occ. Type: Quad Summary: County Summary:	Fair Natural/Native Knights Ferry Stanislaus 37.75948 / -12	e occurrence (3712076)	Presence:	Presumed Extant Unknown	Site Last Seen: Record Last Updated:	2017-07-10
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long:	Fair Natural/Native Knights Ferry ( Stanislaus 37.75948 / -12 Zone-10 N418	20.65809	Presence:	Presumed Extant Unknown Accuracy:	Site Last Seen: Record Last Updated: 80 meters	2017-07-10
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM:	Fair Natural/Native Knights Ferry ( Stanislaus 37.75948 / -12 Zone-10 N418 T02S, R12E, S	20.65809 31712 E706297 Sec. 16, SW (M)	Presence: Trend:	Presumed Extant Unknown Accuracy: Elevation (ft):	Site Last Seen: Record Last Updated: 80 meters 355 5.0	2017-07-10 2020-04-21
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS:	Fair Natural/Native Knights Ferry Stanislaus 37.75948 / -12 Zone-10 N418 T02S, R12E, S APPROXIMAT	20.65809 31712 E706297 Sec. 16, SW (M) FELY 3.8 AIR MILES SOU	Presence: Trend: TH OF THE JUI	Presumed Extant Unknown Accuracy: Elevation (ft): Acres:	Site Last Seen: Record Last Updated: 80 meters 355 5.0 LMS ROAD, WILLMS RANCH.	2017-07-10 2020-04-21
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location:	Fair Natural/Native Knights Ferry ( Stanislaus 37.75948 / -12 Zone-10 N418 T02S, R12E, S APPROXIMAT MAPPED ARC ADJACENT TO	(3712076) 20.65809 31712 E706297 Sec. 16, SW (M) FELY 3.8 AIR MILES SOU DUND STOCKPOND AT C O TAILINGS PILE. LARGE	Presence: Trend: TH OF THE JUI COORDINATES STOCKPOND	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: NCTION OF CA-108 WITH WILL	Site Last Seen: Record Last Updated: 80 meters 355 5.0 LMS ROAD, WILLMS RANCH. THE SW 1/4 OF SECTION 16	2017-07-10 2020-04-21
Occ. Rank: Occ. Type: Quad Summary: County Summary: Lat/Long: UTM: PLSS: Location: Detailed Location:	Fair Natural/Native Knights Ferry 6 Stanislaus 37.75948 / -12 Zone-10 N418 T02S, R12E, S APPROXIMAT MAPPED ARC ADJACENT TO LOAM. ASSOC 6 PLANTS OB	(3712076) (3712076) 20.65809 31712 E706297 Sec. 16, SW (M) FELY 3.8 AIR MILES SOU DUND STOCKPOND AT C O TAILINGS PILE. LARGE CIATED WITH CRYPSIS S 3SERVED IN 2017. LAND	Presence: Trend: TH OF THE JUI COORDINATES STOCKPOND SCHOENOIDES MANAGER PEF	Presumed Extant Unknown Accuracy: Elevation (ft): Acres: NCTION OF CA-108 WITH WILL PROVIDED, IN THE NE 1/4 OF THAT ENCOMPASSES PART	Site Last Seen: Record Last Updated: 80 meters 355 5.0 LMS ROAD, WILLMS RANCH. THE SW 1/4 OF SECTION 16 OF NATURAL DRAINAGE ON IENT FROM STOCKPONDS F	2017-07-10 2020-04-21 5. N PENTZ CLAY



### CNPS Rare Plant Inventory

### Search Results

34 matches found. Click on scientific name for details

### Search Criteria: <u>9-Quad</u> include [3712085:3712076:3712075:3712086:3812016:3812015:3712077:3712087:3812017]

▲ SCIENTIFIC NAME	COMMON NAME	FAMILY	LIFEFORM	BLOOMING PERIOD	FED LIST	STATE LIST	GLOBAL RANK	STATE RANK	CA RARE PLANT RANK	CA ENDEMIC	DATE ADDED	РНОТО
<u>Agrostis</u> <u>hendersonii</u>	Henderson's bent grass	Poaceae	annual herb	Apr-Jun	None	None	G2Q	S2	3.2		1974- 01-01	©2005 Steve Matson
<u>Allium</u> <u>tuolumnense</u>	Rawhide Hill onion	Alliaceae	perennial bulbiferous herb	Mar-May	None	None	G2	S2	1B.2	Yes	1980- 01-01	© 2010 Steven Perry
<u>Brodiaea</u> <u>pallida</u>	Chinese Camp brodiaea	Themidaceae	perennial bulbiferous herb	May-Jun	FT	CE	G1	S1	1B.1	Yes	1974- 01-01	© 2014 Robert E Preston, Ph.D.
<u>Brodiaea</u> rosea ssp. vallicola	valley brodiaea	Themidaceae	perennial bulbiferous herb	Apr- May(Jun)	None	None	G4G5T3	S3	4.2	Yes	2019- 01-07	© 2011 Steven Perry
<u>Calycadenia</u> hooveri	Hoover's calycadenia	Asteraceae	annual herb	Jul-Sep	None	None	G2	S2	1B.3	Yes	1980- 01-01	No Photo Available

	iau	

<u>Calycadenia</u> <u>spicata</u>	spicate calycadenia	Asteraceae	annual herb	May-Sep	None None	G3?	S3	1B.3		2023- 04-05	© 2023
											Christopher
											Bronny
<u>Chlorogalum</u>	Red Hills	Agavaceae	perennial	(Apr)May-	None None	G3	S3	1B.2	Yes	1974-	
<u>grandiflorum</u>	soaproot		bulbiferous herb	Jun						01-01	No Photo
											Available

<u>Clarkia</u> <u>rostrata</u>	beaked clarkia	Onagraceae	annual herb	Apr-May	None None	G2G3	S2S3	1B.3	Yes	1974- 01-01	No Photo Available
<u>Claytonia</u> parviflora ssp. g <u>randiflora</u>	streambank spring beauty	Montiaceae	annual herb	Feb-May	None None	G5T3	S3	4.2	Yes	2006- 09-29	No Photo Available
<u>Cryptantha</u> <u>mariposae</u>	Mariposa cryptantha	Boraginaceae	annual herb	Apr-Jun	None None	G2G3	S2S3	1B.3	Yes	1974- 01-01	No Photo Available
<u>Cryptantha</u> <u>spithamaea</u>	Red Hills cryptantha	Boraginaceae	annual herb	Apr-May	None None	G2	S2	1B.3		2014- 12-18	No Photo Available
<u>Delphinium</u> <u>hansenii ssp.</u> <u>ewanianum</u>	Ewan's Iarkspur	Ranunculaceae	perennial herb	Mar-May	None None	G4T3	S3	4.2	Yes	1994- 01-01	No Photo Available
<u>Diplacus</u> <u>pulchellus</u>	yellow-lip pansy monkeyflower	Phrymaceae	annual herb	Apr-Jul	None None	G2	S2	1B.2	Yes	1974- 01-01	© 2018 Sierra Pacific Industries
<u>Downingia</u> pusilla	dwarf downingia	Campanulaceae	annual herb	Mar-May	None None	GU	S2	2B.2		1980- 01-01	© 2013 Aaron Arthur
<u>Eriogonum</u> <u>tripodum</u>	tripod buckwheat	Polygonaceae	perennial deciduous shrub	May-Jul	None None	G4	S4	4.2	Yes	1974- 01-01	©2008 Steven Perry
<u>Eryngium</u> pinnatisectum	Tuolumne button-celery	Apiaceae	annual/perennial herb	May-Aug	None None	G2	S2	1B.2	Yes	1974- 01-01	© 2007

© 2007

Robert E.

Preston,

<u>Eryngium</u>	Delta button-	Apiaceae	annual/perennial	(May)Jun-	None	CE	G1	S1	1B.1	Yes	1974-	
<u>racemosum</u>	celery		herb	Oct							01-01	No Photo
												Available
<u>Eryngium</u>	spiny-sepaled	Apiaceae	annual/perennial	Apr-Jun	None	None	G2	S2	1B.2	Yes	1980-	
<u>spinosepalum</u>	button-celery		herb								01-01	No Photo
												Available
<u>Erythranthe</u>	Stanislaus	Phrymaceae	annual herb	Mar-May	None	None	G2?	S2?	1B.1	Yes	1974-	
<u>marmorata</u>	monkeyflower										01-01	No Photo
												Available

agressia       bulbilferous herb       01-01         Githoassis       serpentine       Campanulaceae annual herb       May-Jun       None None       G4T3       S3       4.3       Yes       2001 <i>gettedhellassis</i> bluecup       Campanulaceae       annual herb       May-Jun       None None       G4T3       S3       4.3       Yes       2001 <i>Hespezerwax</i> hogywallow       Asteraceae       annual herb       Mar-Jun       None None       G3       S3       4.2       Yes       2001 <i>Jepsenia</i> foothill       Saxifragaceae       perennial herb       Mar-Jun       None None       G3       S3       4.3       Yes       1904 <i>Legsenia</i> forked hare-       Asteraceae       annual herb       Aug-Dec       None None       G3       S3       4.3       Yes       1904 <i>Legophylla</i> forked hare-       Asteraceae       annual herb       Apr-May       None None       G2       S2       1B.1       Yes       2013 <i>Legophylla</i> forked hare-       Asteraceae       annual herb       Mar-Jun       None None       G2       S2       1B.2       Yes       1974 <i>Lupinus</i> shaggyhair </th <th></th>													
pulchellassp.       bluecup       sergentinicola       bluecup       sergentinicola       nogwallow       Asteraceae       annual herb       Mar-Jun       None None       G3       S3       4.2       Yes       2001         Jepssonia       foothill       Saxifragaceae       perennial herb       Aug-Dec       None       None       G3       S3       4.3       Yes       1994         Lagogobylla       forked hare-       Asteraceae       annual herb       Aug-Dec       None       None       G3       S3       4.3       Yes       1994         Lagogobylla       forked hare-       Asteraceae       annual herb       Aug-Dec       None       None       G3       S3       4.3       Yes       1994         Lagogobylla       forked hare-       Asteraceae       annual herb       Aug-Dec       None       None       G3       S3       4.3       Yes       1994         Lomatium       congdonini       folked are-       Asteraceae       annual herb       Apr-May       None       None       G2       S2       1B.1       Yes       1974         Lomatium       lomatium       fabaceae       annual herb       Apr-May       None       None       G2       S2		stinkbells	Liliaceae	-	Mar-Jun	None	None	G3	S3	4.2	Yes	1980- 01-01	© 2016 Aaron Schusteff
caulescensstarfish01-01Jepsonia heterandrafoothill jepsoniaSaxifragaceae perennial herbAug-DecNone NoneG3S34.3Yes1994Lagophylla dichotomaforked hare- leafAsteraceae leafannual herbApr-MayNoneNoneG2S21B.1Yes2012Lomatium congdoniiCongdon's lomatiumApiaceae perennial herbMar-JunNoneNoneG2S21B.2Yes1974Lupinus 	<i>pulchella</i> ssp.	bluecup	Campanulaceae	annual herb	May-Jun	None	None	G4T3	S3	4.3	Yes	2001- 01-01	© 2019 Barry Breckling
heterandra       jepsonia       off-or         Lagophylla       forked hare-       Asteraceae       annual herb       Apr-May       None None       G2       S2       1B.1       Yes       2012         Lomatium       leaf       Apiaceae       perennial herb       Mar-Jun       None None       G2       S2       1B.2       Yes       1974         Lupinus       shaggyhair       Fabaceae       annual herb       Apr-May       None None       G2       S2       1B.2       Yes       1974         Monardella       veiny       Lamiaceae       annual herb       Apr-May       None None       G2       S2       1B.2       Yes       1974         10-01       Monardella       veiny       Lamiaceae       annual herb       Apr-May       None None       G2       S2       1B.2       Yes       1974         10-01       Monardella       veiny       Lamiaceae       annual herb       May-Jul       None None       G1       S1       1B.1       Yes       1974		-	Asteraceae	annual herb	Mar-Jun	None	None	G3	S3	4.2	Yes	2001- 01-01	© 2017 John Doyer
dichotomaleaf03-13Lomatium congdoni's lomatiumApiaceae perennial herbMar-Jun Mar-JunNone NoneG2S21B.2Yes1974 01-01Lupinus spectabilisshaggyhair lupineFabaceae annual herbannual herb May-JulApr-May None NoneG2S21B.2Yes1974 01-01MonardellaveinyLamiaceaeannual herbMay-JulNone NoneG1S11B.1Yes1984			Saxifragaceae	perennial herb	Aug-Dec	None	None	G3	S3	4.3	Yes	1994- 01-01	© 2014 Belinda Lo
congdoniiIomatium01-01Lupinus spectabilisshaggyhair lupineFabaceae annual herbApr-May Apr-MayNone NoneG2 S2S2 			Asteraceae	annual herb	Apr-May	None	None	G2	S2	1B.1	Yes	2012- 03-13	© 2010 Chris Winchell
spectabilis       lupine       01-01         Monardella       veiny       Lamiaceae       annual herb       May-Jul       None None G1       S1       1B.1       Yes       1984			Apiaceae	perennial herb	Mar-Jun	None	None	G2	S2	1B.2	Yes	1974- 01-01	No Photo Available
			Fabaceae	annual herb	Apr-May	None	None	G2	S2	1B.2	Yes	1974- 01-01	No Photo Available
		-	Lamiaceae	annual herb	May-Jul	None	None	G1	S1	1B.1	Yes	1984- 01-01	© 2007 George W. Hartwell

Neostapfia colusana       Colusa grass       Poaceae       annual herb       May-Aug       FT       CE       G1       S1       1B.1       Yes       1974- 01-01       No Photo Available         Pseudobahia bahiifolia       Hartweg's golden sunburst       Asteraceae       annual herb       Mar-Apr       FE       CE       G1       S1       1B.1       Yes       1974- 01-01       No Photo Available         Scopelophila       tongue-leaf       Pottiaceae       moss       None       None       S1       S1       2B.2       2001-	<u>Navarretia</u>	Patterson's	Polemoniaceae	annual herb	May-	None	None	G2	S2	1B.3	Yes	2016-	
Neostapfia colusanaColusa grassPoaceaeannual herbMay-AugFTCEG1S1IB.1Yes1974- D1-01No Photo AvailablePseudobahia bahiifolia golden sunburstHartweg's golden sunburstAsteraceae opper mossannual herbMar-Apr CEFECEG1S1IB.1Yes1974- D1-01No Photo AvailableScopelophila cataractaeHartweg's golger mossPottiaceaemossMar-Apr CEFECEG1S1IB.1Yes1974- D1-01No Photo AvailableScopelophila cataractaetongue-leaf copper mossPottiaceaemossNoreNoreG3G4S12B.22001- D1-01No Photo No Photo No Photo	<u>paradoxiclara</u>	navarretia			Jun(Jul)							04-27	No Photo
colusana       O1-01       No Photo Available         Pseudobahia bahiifolia       Hartweg's golden sunburst       Asteraceae       annual herb       Mar-Apr       FE       CE       G1       S1       1B.1       Yes       1974-       No Photo Available         Scopelophila cataractae       tongue-leaf copper moss       Pottiaceae       moss       Nor       Nor       Nor       S1       S1       2B.2       2001-       No Photo Available													Available
Pseudobahia bahiifolia       Hartweg's golden sunburst       Asteraceae annual herb       Mar-Apr Ne       FE Ne       CE SC       G1       S1       1B.1       Yes Yes       1974- D1-01       No Photo Available         Scopelophila cataractae       tongue-leaf copper moss       Pottiaceae Pottiaceae       moss       Nor       Nor       Nor       S1       S1       2B.2       2001- D1-01       No Photo	<u>Neostapfia</u>	Colusa grass	Poaceae	annual herb	May-Aug	FT	CE	G1	S1	1B.1	Yes	1974-	
Pseudobahia bahiifolia       Hartweg's golden sunburst       Asteraceae       annual herb       Mar-Apr       FE       CE       G1       S1       1B.1       Yes       1974- D1-01       No Photo No Photo Available         Scopelophila cataractae       tongue-leaf copper moss       Pottiaceae       moss       Nor       Nor       Sone       S1       S1       2B.2       2001- D1-01       No Photo No Photo D1-01	<u>colusana</u>											01-01	No Photo
bahiifolia       golden       01-01       No Photo         sunburst       Image: sunburst <td></td> <td>Available</td>													Available
Sunburst       Available         Scopelophila cataractae       tongue-leaf copper moss       Pottiaceae       moss       None None G3G4       S1       2B.2       2001- 01-01       No Photo	<u>Pseudobahia</u>	Hartweg's	Asteraceae	annual herb	Mar-Apr	FE	CE	G1	S1	1B.1	Yes	1974-	
Scopelophilatongue-leafPottiaceaemossNone None G3G4S12B.22001-cataractaecopper moss01-01No Photo	<u>bahiifolia</u>	golden										01-01	No Photo
<u>cataractae</u> copper moss 01-01 No Photo		sunburst											Available
	<u>Scopelophila</u>	tongue-leaf	Pottiaceae	moss		None	None	G3G4	S1	2B.2		2001-	
Available	<u>cataractae</u>	copper moss										01-01	No Photo
													Available

<u>Senecio</u> <u>clevelandii var.</u> <u>heterophyllus</u>	Red Hills ragwort	Asteraceae	perennial herb	May-Jul	None	None	G4?T2Q	S2	1B.2	Yes	1994- 01-01	No Photo Available
<u>Trichostema</u> <u>rubisepalum</u>	Hernandez bluecurls	Lamiaceae	annual herb	Jun-Aug	None	None	G4	S4	4.3	Yes	1974- 01-01	No Photo Available
<u>Verbena</u> <u>californica</u>	Red Hills vervain	Verbenaceae	perennial herb	May-Sep	FT	СТ	G2	S2	1B.1	Yes	1984- 01-01	No Photo Available

### Showing 1 to 34 of 34 entries

Suggested Citation:

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## United States Department of the Interior

FISH AND WILDLIFE SERVICE Sacramento Fish And Wildlife Office Federal Building 2800 Cottage Way, Room W-2605 Sacramento, CA 95825-1846 Phone: (916) 414-6600 Fax: (916) 414-6713



In Reply Refer To: Project Code: 2025-0021806 Project Name: CCWD Little John Force Main Project 11/19/2024 21:58:03 UTC

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)

(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf

**Migratory Birds**: In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts, see https://www.fws.gov/program/migratory-bird-permit/whatwe-do.

The MBTA has no provision for allowing take of migratory birds that may be unintentionally killed or injured by otherwise lawful activities. It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures, see https://www.fws.gov/library/collections/threats-birds.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit https://www.fws.gov/partner/council-conservation-migratory-birds.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office. Attachment(s):

Official Species List

# **OFFICIAL SPECIES LIST**

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

### Sacramento Fish And Wildlife Office

Federal Building 2800 Cottage Way, Room W-2605 Sacramento, CA 95825-1846 (916) 414-6600

## **PROJECT SUMMARY**

Project Code:	2025-0021806
Project Name:	CCWD Little John Force Main Project
Project Type:	Wastewater Pipeline - New Constr - Below Ground
Project Description:	The Calaveras County Water District (CCWD), as the California
	Environmental Quality Act (CEQA) Lead
	Agency, proposes the Little Force Main Project (proposed project), within the community of
	Copperopolis in unincorporated Calaveras County. CCWD proposes the installation of an approximately
	27,000-foot-long wastewater force main connecting the existing
	Copperopolis Town Square wastewater
	lift station with the existing lift station located south of Oak Creek Drive
	in the southeastern portion of
	Copper Valley Specific Plan (previously known as Saddle Creek Specific Plan). CCWD also proposes
	upgrades to the existing Copperopolis Town Square wastewater lift station. The proposed project is
	needed to accommodate wastewater generated by approved residential
	development within the Copper
	Valley Specific Plan which is anticipated to generate a wastewater flow
	rate of 120 gallons per minute.
	The new 6-inch-diameter force main would connect to an existing 4-inch-
	diameter force main in Sawmill
	Creek Road and Little John Road between the lift station and holding tanks to the west. From here, the
	new force main would be installed in the east shoulder of Little John Road
	to the end of Bow Drive
	where it would continue on the Copper Valley Specific Plan property. The force main would be installed
	in the future Bow Drive extension and then be located just west of the easterly property line of the
	Copper Valley Specific Plan where it would angle west away from the
	easterly property line where it
	would cross Saddle Creek Drive at the existing real estate office. The new force main would then run
	westerly on the south side of Saddle Creek Drive to the hole 10 golf cart
	path and run adjacent to the
	cart path along holes 10 and 11 south to Oak Creek Drive where it would
	tie into an existing manhole
	that outlets to the existing CVSC main lift station. Figure 1 shows the
	alignment of the proposed project.
	CCWD also proposes to upgrade the existing Copperopolis Town Square wastewater lift station with two

50-horsepower pumps capable of pumping 150 gallons per minute of effluent each. The lift station

would also be upgraded with a new backup generator with an auto transfer switch to allow pumping

during power outages, a new supervisory control and data acquisition (SCADA) and pump control

system, and other upgrades to the pump control building needed to bring the system up to current

CCWD standards.

Construction activities would include trenching to a maximum depth of 5 feet, would commence in June

2025, would take 6 months, and become operational by January 2026.

Project Location:

The approximate location of the project can be viewed in Google Maps: <u>https://www.google.com/maps/@37.945092,-120.65005553348723,14z</u>



Counties: Calaveras County, California

### **ENDANGERED SPECIES ACT SPECIES**

There is a total of 9 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries<sup>1</sup>, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

1. <u>NOAA Fisheries</u>, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

### REPTILES

NAME	STATUS
Northwestern Pond Turtle Actinemys marmorata No critical habitat has been designated for this species. Species profile: <u>https://ecos.fws.gov/ecp/species/1111</u>	Proposed Threatened
AMPHIBIANS NAME	STATUS
California Red-legged Frog <i>Rana draytonii</i> There is <b>final</b> critical habitat for this species. Your location does not overlap the critical habitat. Species profile: <u>https://ecos.fws.gov/ecp/species/2891</u>	Threatened
California Tiger Salamander <i>Ambystoma californiense</i> Population: U.S.A. (Central CA DPS) There is <b>final</b> critical habitat for this species. Your location does not overlap the critical habitat. Species profile: <u>https://ecos.fws.gov/ecp/species/2076</u>	Threatened
Foothill Yellow-legged Frog <i>Rana boylii</i> Population: South Sierra Distinct Population Segment (South Sierra DPS) No critical habitat has been designated for this species. Species profile: <u>https://ecos.fws.gov/ecp/species/5133</u>	Endangered
Western Spadefoot <i>Spea hammondii</i> No critical habitat has been designated for this species. Species profile: <u>https://ecos.fws.gov/ecp/species/5425</u>	Proposed Threatened
INSECTS NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. Species profile: <u>https://ecos.fws.gov/ecp/species/9743</u>	Candidate

### CRUSTACEANS

NAME	STATUS
Vernal Pool Fairy Shrimp <i>Branchinecta lynchi</i> There is <b>final</b> critical habitat for this species. Your location does not overlap the critical habitat. Species profile: <u>https://ecos.fws.gov/ecp/species/498</u>	Threatened
Vernal Pool Tadpole Shrimp <i>Lepidurus packardi</i> There is <b>final</b> critical habitat for this species. Your location does not overlap the critical habitat. Species profile: <u>https://ecos.fws.gov/ecp/species/2246</u>	Endangered

### **FLOWERING PLANTS**

11/19/2024 21:58:03 UTC

STATUS

Chinese Camp Brodiaea Brodiaea pallida

Threatened

No critical habitat has been designated for this species. Species profile: <u>https://ecos.fws.gov/ecp/species/8290</u>

### **CRITICAL HABITATS**

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

## **IPAC USER CONTACT INFORMATION**

Agency: Private Entity Name: Aren Der-Gevorgian

Address: 11060 White Rock Road, Suite 200

- City: Rancho Cordova
- State: CA
- Zip: 95670-6061
- Email adergevorgian@dewberry.com
- Phone: 9168223952

4. Attachment D Species Observed:

### Dewberry

### Little John Force Main Project

### Species Observed

COMMON NAME	SCIENTIFIC NAME
Wildlife	
Acorn woodpecker	Melanerpes formicivorus
Anna's hummingbird	Calypte anna
Black phoebe	Sayornis nigricans
California quail	Callipepla californica
California scrub jay	Aphelocoma californica
Common raven	Corvus corax
Dark-eyed junco	Junco hyemalis
Great blue heron	Ardea herodias
Great egret	Ardea alba
House finch	Haemorhous mexicanus
Killdeer	Charadrius vociferus
Northern flicker	Colaptes auratus
Oak titmouse	Baeolophus inornatus
Pied-billed grebe	Podilymbus podiceps
Ruby-crowned kinglet	Corthylio calendula
White-crowned sparrow	Zonotrichia leucophrys
Plants	
Black willow	Salix nigra
Blue oak	Quercus douglasiana
Coast live oak	Quercus agrifolia
Dove weed	Croton setiger
Foxtail brome	Bromus madritensis
Fremont cottonwood	Populus fremontii
Italian thistle	Salsola tragus
Milk thistle	Silybum marianum
Pennyroyal	Mentha pulegium
Ripgut brome	Bromus diandrus
Soft chess	Bromus hordeaceus
Wild oat	Avena sp.



# ATTATCHMENT C CULTURAL RESOURCES MEMO (REDACTED)



Dewberry Engineers Inc. 11060 White Rock Road, Suite 200 Rancho Cordova, CA 95670-6061 916.363.4210 www.dewberry.com

PREPARED FOR: Kevin Williams, Calaveras County Water District
 PREPARED BY: Jennifer Howry, Senior Environmental Scientist
 DATE: January 15, 2025
 SUBJECT: Little John Force Main Project – Cultural Resources Survey and Inventory Memorandum

#### 1. Summary

The Calaveras County Water District (CCWD), as the California Environmental Quality Act (CEQA) Lead Agency, proposes the Little John Force Main Project (proposed project), within the community of Copperopolis in unincorporated Calaveras County. CCWD proposes the installation of an approximately 27,000-foot-long wastewater force main connecting the existing Copperopolis Town Square wastewater lift station with the existing lift station located south of Oak Creek Drive in the southeastern portion of Copper Valley Specific Plan (previously known as Saddle Creek Specific Plan). CCWD also proposes upgrades to the existing Copperopolis Town Square wastewater lift station. The proposed project is needed to accommodate wastewater generated by approved residential development within the Copper Valley Specific Plan which is anticipated to generate a wastewater flow rate of 120 gallons per minute.

This technical memorandum was prepared in compliance with the California Environmental Quality Act (CEQA) of 1970, as amended, and to support the findings of the Categorical Exemption for the proposed project. Under CEQA, a significant effect on the environment is defined as a substantial or potentially substantial adverse change in any of the physical conditions within the area affected by the project, including land, air, water, minerals, flora, fauna, ambient noise, and objects of historic or aesthetic significance (CEQA Guidelines, Section 15382). Substantial adverse changes include both physical changes to the historical resource, or to its immediate surroundings such that the significance of the historical resource would be materially impaired. Lead agencies are expected to identify potentially feasible measures to mitigate significant adverse changes in the significance of a historical resource before they approve such projects. Significant adverse change to historical resources may be avoided under CEQA (Guidelines Section 15126.4) by the incorporation of measures to the project design.

The survey was conducted on January 11, 2025, by Dewberry's Senior Archaeologist/Architectural Historian, Katie Vallaire, and Senior Environmental Scientist, Jennifer Hildebrandt. Ms. Vallaire has a B.A. in Anthropology from CSU, Chico, an M.A. in History from CSU, Sacramento, and over 20 years of cultural resources management experience in California. She qualifies in Archeology, History, and Architectural History under the Secretary of the Interior's Professional Qualification Standards (as defined in 36 CFR Part 61) and is Registered Professional Archaeologist 32791044. Ms. Hildebrandt has a M.S. in Environmental Management from the University of San Francisco, a B.S. in Anthropology from the University of California, Davis, and over 19 years of cultural resources management experience in California. She qualifies as an archaeologist under the Secretary of the Interior's Professional Qualification Standards (as defined under the Secretary of California, Secretary of the Interior's Professional Qualification Standards (as defined in 36 CFR Part 61).

Twenty-seven cultural resources were identified as being adjacent to and within 1/4-mile of the Area of Potential Effects (APE). All resources identified during the record search process will not be affected by the undertaking or are no longer extant. No further consideration or these resources are warranted. No additional unrecorded pre-contact or historic-era cultural resources were observed in the APE during the pedestrian field survey.

#### 2. Project Location and Description

The new 6-inch-diameter force main would connect to an existing 4-inch-diameter force main in Sawmill Creek Road and Little John Road between the lift station and holding tanks to the west. From here, the

new force main would be installed in the west shoulder of Little John Road, cut to the eastern shoulder just north of Quiver Street, and then turn west to the end of Bow Drive where it would continue on the Copper Valley Specific Plan property. The force main would be installed in the future Bow Drive extension and then be located just west of the easterly property line of the Copper Valley Specific Plan where it would angle west away from the easterly property line where it would cross Saddle Creek Drive at the existing real estate office. The new force main would then run westerly on the south side of Saddle Creek Drive to the hole 10 golf cart path and run adjacent to the cart path along holes 10 and 11 south to Oak Creek Drive where it would tie into an existing manhole that outlets to the existing Copper Valley Saddle Creek (CVSC) main lift station. Attachment A Figures 1 and 2 shows the alignment of the proposed project.

CCWD also proposes to upgrade the existing Copperopolis Town Square wastewater lift station with two 50-horsepower pumps capable of pumping 150 gallons per minute of effluent each. The lift station would also be upgraded with a new backup generator with an auto transfer switch to allow pumping during power outages, a new supervisory control and data acquisition (SCADA) and pump control system, and other upgrades to the pump control building needed to bring the system up to current CCWD standards.

Construction activities would include trenching to a maximum depth of 5 feet, would commence in June 2025, would take 6 months, and become operational by January 2026.

### 2.1 Area of Potential Effect (APE)

The APE is defined as the geographic area or areas within which an undertaking may directly or indirectly cause alterations in the character or use of historic properties. Dewberry delineated the APE based on the design of the project and the potential for the project to cause effects to cultural resources that may meet the definition of a historic property. There are no built environment resources over 50 years old within or adjacent to the APE. The APE was delineated as the area that will be directly subjected to ground disturbance during construction of undertaking, as well as staging and access areas.

The APE for the proposed undertaking measure approximately 23.6 acres. The APE consists of the project footprint including a 15-foot buffer on each side from the proposed sewer force main line, and construction access and staging areas (Attachment A Figure 3).

### **3. Sources Consulted**

To determine the location and nature of previously recorded cultural resources and cultural resources studies within or near the project site, a records search of the California Historical Information System (CHRIS) was performed by staff at the Central California Information Center (CCaIC), California State University, Stanislaus (File No. 13117J and 13144J). The record search area encompassed the APE and a 1/4-mile radius buffer (study area). The CCaIC included custom geographic information system (GIS) maps depicting the locations of resources and reports within the study area. Results of the CCaIC records search are provided in a confidential attachment in Attachment B.

The CCaIC records search did not identify any cultural resources within the APE. Twenty-seven cultural resources (Table 1) were identified as being adjacent and within 1/4-mile of the APE. All resources will not be affected by the undertaking or are no longer extant. No further consideration or these resources are warranted.

TABLE 1. RESOURCES DOCUMENTED IN THE RECORD SEARCH AREA								
Primary NumBer	Trinomial	Age	ORIGINALLY Recorded by	Location within APE				
P-05-001666	CA-CAL-001355	Prehistoric	1991 (S. STEWART, S. MORAN,	Outside the APE				



TA	BLE 1. RESOURCES	DOCUMENTED IN 1	THE RECORD SEARCH AF	REA
Primary NumBer	Trinomial	٨٥٥	ORIGINALLY	Location within APE
Fillidiy Nullidei	minornia	Age	Recorded by	
			Archaeological Services, Inc.); 2019 (Ian Patrick, Patrick GIS Group)	
P-05-001671	CA-CAL-001360	Prehistoric	1991 (S. Stewart, S. Moran, Archaeological Services, Inc.)	Adjacent to APE, no longer extant
P-05-001672	CA-CAL-001361H	Historic	1991 (S. Stewart, S. Moran, Archaeological Services, Inc.)	Outside the APE
P-05-002124	CA-CAL-001752H	Historic	1999 (R. George, M. Newland, A. Van Wyke, M. Jablonowski, Anthropological Studies Center Sonoma State University)	Outside the APE
P-05-002129	CA-CAL-001756H	Historic	1999 (R. George, M. Hirn, M. Jablonowski, M. Meyer, M. Newland, A. Van Wyke, K. Wooten, Anthropological Studies Center Sonoma State University); 2018 (T. Hildebrandt, Far Western Anthropological Research Group, Inc.)	Outside the APE
P-05-002277	CA-CAL-001840H	Historic	2000 (Roger Werner, ASI)	Adjacent to APE, no longer extant
P-05-002912		Historic	2003 (Paul Hampson, ASI)	Outside the APE
P-05-002913		Historic	2003 (Paul Hampson, ASI)	Outside the APE
P-05-002914		Prehistoric	2003 (Paul Hampson, ASI)	Outside the APE
P-05-002915	CA-CAL-001979	Prehistoric	2003 (Paul Hampson, ASI)	Outside the APE
P-05-002917		Historic	2003 (Paul Hampson, ASI)	Outside the APE
P-05-002919		Historic	2003 (Paul Hampson, ASI)	Outside the APE
P-05-002920		Historic	2003 (Paul Hampson, ASI)	Outside the APE
P-05-002921		Historic	2003 (Paul Hampson, ASI)	Outside the APE
P-05-002922		Historic	2003 (Paul Hampson, ASI)	Outside the APE
P-05-002923		Historic	2003 (Paul Hampson, ASI)	Outside the APE
P-05-003177		Historic	2002 (Paul Hampson, Jay Flaherty, ASI)	Outside the APE
P-05-003182		Historic	2002 (Paul Hampson, Jay Flaherty, ASI); 2006 (S. Schneyder, D. Gilmour, Jones & Stokes)	Outside the APE



TAI	BLE 1. RESOURCES [	OCUMENTED IN THE	RECORD SEARCH AF	REA
Primary NumBer	Trinomial	Age	ORIGINALLY Recorded by	Location within APE
P-05-003183		Historic	2002 (Paul Hampson, Jay Flaherty, ASI)	Outside the APE
P-05-003184		Historic	2002 (Paul Hampson, Jay Flaherty, ASI)	Outside the APE
P-05-003186		Historic	2002 (Paul Hampson, Jay Flaherty, ASI)	Outside the APE
P-05-003213		Historic	2002 (Paul Hampson, Jay Flaherty, ASI)	Adjacent to APE, no longer extant
P-05-003220		Historic	2002 (Paul Hampson, Jay Flaherty, ASI)	Outside the APE
P-05-003247		Historic	2002 (Paul Hampson, Jay Flaherty, ASI)	Outside the APE
P-05-003311		Historic	2002 (Paul Hampson, Jay Flaherty, ASI); 2006 (S. Ashkar, Jones & Stokes)	Outside the APE
P-05-003403		Historic	2006 (S. Ashkar, Jones & Stokes)	Outside the APE
P-05-000081		Prehistoric	1991 (Suzanne Stewart, CA-01446 Archaeological Services, Inc.)	Adjacent to APE, no longer extant

The CCaIC identified 10 studies that had previously been conducted within portions of the APE, and six studies previously conducted within 1/4-mile of the APE.

#### 4. Background

#### 4.1 Environmental Setting

The undertaking is located in the lower western foothills of the Central Sierra Nevada in Copperopolis, Calaveras County. It is approximately 6 miles southwest of New Melones Reservoir and approximately 0.75 miles west of Lake Tulloch.

The dominant plants in the APE consist of blue oak, coastal live oak, Fremont cottonwood, broadleaf cattail, and various brome species. Aquatic resources in the APE included several ephemeral or intermittent drainages that crossed beneath Little John Road and areas of cattail marsh associated with golf course ponds.

Geologically, the APE is located on a low hill marine landform that dates to the Jurassic period (Rogers 1966, Jennings et al. 2010). Based on the landform age, type, soil complex, and previous disturbances in the APE, there is an overall low sensitivity for buried archaeological deposits.

#### 4.2 Cultural Setting

Precontact occupation in Calaveras County has been found to date back as long as 12,000 years ago. The project study area falls within the territory of the Native American group the Central Sierra Miwok. Each tribelet within the Miwok was considered a sovereign nation, taking claim to the natural resources within their territory. Although each tribelet had their own permanently inhabited settlements, they utilized seasonal camps to take advantage of seasonal rounds of hunting, fishing, and gathering (Levy 1978).

Although permanent camps occurred with the Miwok tribes, temporary occupation sites were revisited every year to seek the resources associated with the given area and season. The Central Sierra Miwok



resided in the Sierra Nevada and its foothills. The Miwok utilized a subsistence pattern that focused on prominent resources within the area. Major types of flora that was sought after were seeds, nuts, tubers, roots, berries, fungi, greens and herbs (Basgall & Overly n.d., Levy 1978). The Miwok's diet utilized game, which primarily included hare, rabbit, deer, bear, antelope and elk, as well as fish and waterfowl.

The first recorded visit by a European to the area now known as Calaveras and Tuolumne counties was made in October 1806, when Ensign Gabriel Moraga, with his diarist and chaplain, Padre Pedro Mufioz, visited the Stanislaus River area on their search for potential inland mission sites. Historic-period activity began in earnest soon after Marshall's discovery of gold on the American River in January of 1848-an event that forever changed the faces of Calaveras County and its physical and cultural landscapes (Rosenthal et al. 2008).

Copperopolis, originally called Copper Canyon, was established in 1860 when silver miner Hiram Hughes found high-grade copper at Quail Hill. Copperopolis grew exponentially within the next seven years as it proved to be a thriving copper mining town. Towns in Calaveras County such as Murphys, Angels Camp, and Mokelumne Hill had already been established during the Gold Rush, but placer mining in the area declined once copper mining took over in the 1860s.

As Copperopolis grew into a thriving town and California became known as the land of opportunity, people from all over the world migrated to the western state with family and friends. Many who didn't strike it rich in mining pursuits settled in the area and turned to farming and stock raising.

### 5. Survey Methods and Findings

A cultural resources pedestrian survey was conducted on January 11, 2025, by Dewberry Senior Archaeologist/Architectural Historian, Katie Vallaire and Senior Environmental Scientist, Jennifer Hildebrandt. Fieldwork consisted of 10-meter transects within all portions of the APE. Visibility within the APE was approximately 5 to 30 percent due to grass and gravel. Surface scrapes were conducted in heavily vegetated areas. Topography was rolling hills with signs of previous ground disturbances. Evidence of prior ground disturbances include roadway, golf course construction, grading, ground movement, and utility undergrounding.

No previously undocumented pre-contact or historic-era cultural resources were identified within the APE during the survey.

### 6. Findings

As mentioned above, no previously undocumented pre-contact or historic-era cultural resources were identified, as a result, of this study. Based on previous cultural resources studies conducted within and near the APE and the cultural resources pedestrian survey conducted for this study, the undertaking is not likely to cause a substantial adverse change in the significance of an historical resource and the CEQA Categorical Exemption is not negated by an exception pursuant to CEQA Guidelines, Section 15300.2, and Public Resources Code, Section 21084.

#### 6.1 Unanticipated Finds of Human Remains

If human remains are encountered during project implementation, the California Health and Safety Code (HSC) requires that excavation be halted in the immediate area, and that the county coroner be notified to determine the nature of the remains. The coroner is required to examine the remains within 48 hours of receiving notice of the discovery on private or state lands (HSC Section 7050.5[b]). If the coroner determines that the remains are those of a Native American, they must contact the NAHC by phone within 24 hours of making that determination (HSC Section 7050.5[c]).



Mr. Kevin Williams Little John Force Main Project January 14, 2025

The responsibilities of the NAHC for acting upon notification of a discovery of Native American human remains are identified within the California Public Resources Code (PRC Section 5097.9). The NAHC is responsible for immediately notifying the person it believes is the Most Likely Descendant (MLD) of the Native American remains. With permission of the legal landowner(s), the MLD may visit the site and make recommendations regarding the treatment and disposition of the human remains and any associated grave goods. This visit should be conducted within 24 hours of their notification by the NAHC (PRC Section 5097.98[a]). If an agreement for treatment of the remains cannot be resolved satisfactorily, any of the parties may request mediation by the NAHC (PRC Section 5097.94[k]). Should mediation fail, the landowner or the landowner's representative must re-inter the remains and associated items with appropriate dignity on the property in a location not subject to further subsurface disturbance (PRC Section 5097.98[b]).

#### 7. References

Basgall, M., and S.A. Overly

n.d. Archaeological Investigations Conducted at the Mark Twain St. Joseph's Hospital, San Andreas, California. Report on file at the Archaeological Research Center, California State University, Sacramento.

Jennings, C.W., C. Gutierrez, W. Bryant, F. Saucedo, and C. Wills.

2010 Geologic Map of California. California Geologic Survey. Sacramento, CA.

Levy, R.

1978 Eastern Miwok. In California, edited by R.F. Heizer, pp. 398-413. Handbook of North American Indians, Vol. 8, W.C. Sturtevant, general editor. Smithsonian Institute, Washington, D.C.

Rogers, T.H.

1966 *Geologic Map of California: San Jose Sheet.* California Division of Mines and Geology. Army Corps of Engineers, Washington D.C.

Rosenthal, Jeffrey, et al.

2008 Cultural Resources Survey and Evaluation for the Tuscany Hills Project, Lake Tulloch, Calaveras County. Report on file at the California Historical Resources Information Center, California State University, Sacramento.

#### 8. Attachments

Attachment A: Figures

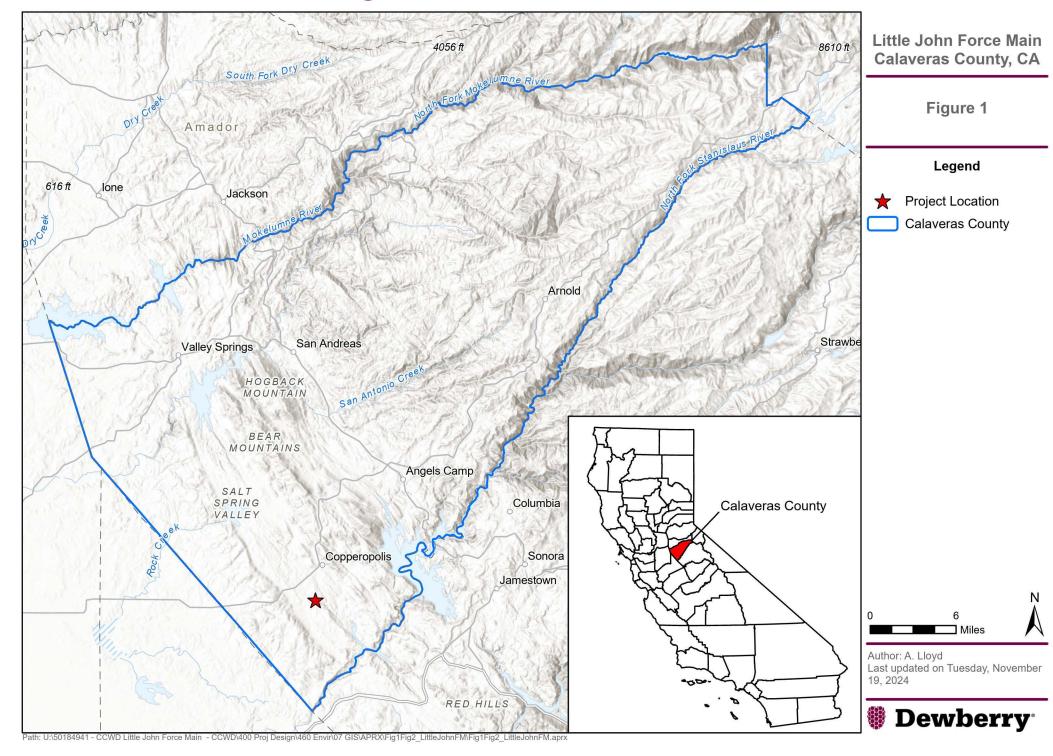
Attachment B: Record Search

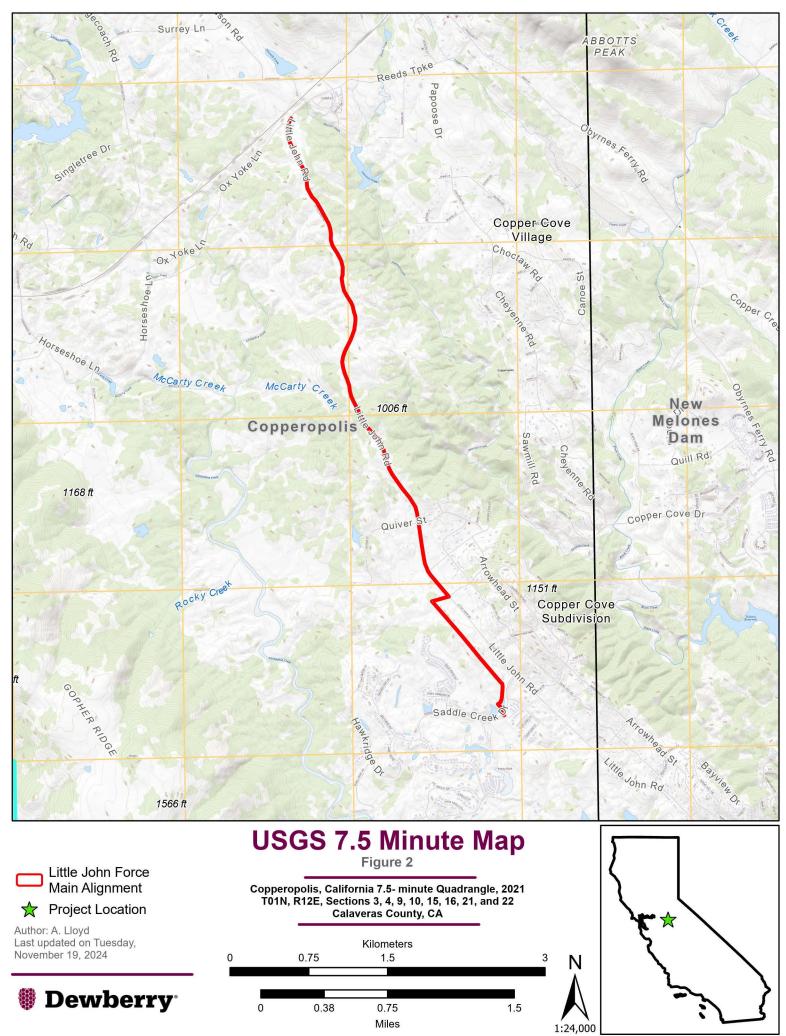


### 8.1 Attachment A Figures

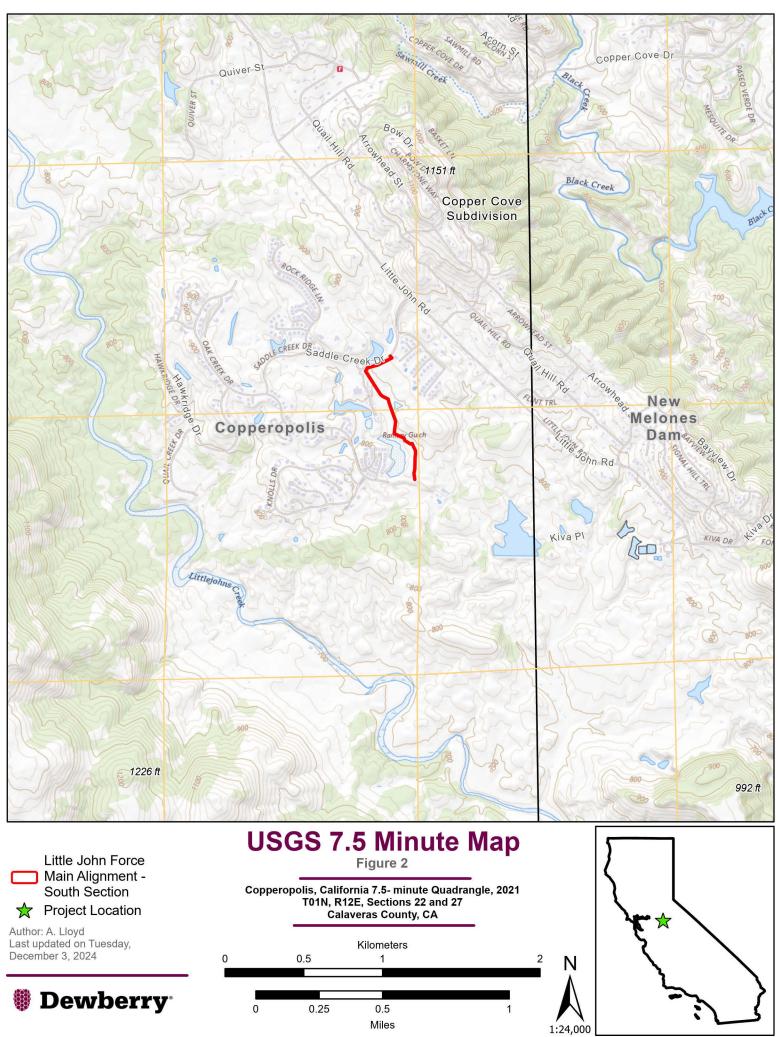


# **Regional Location**



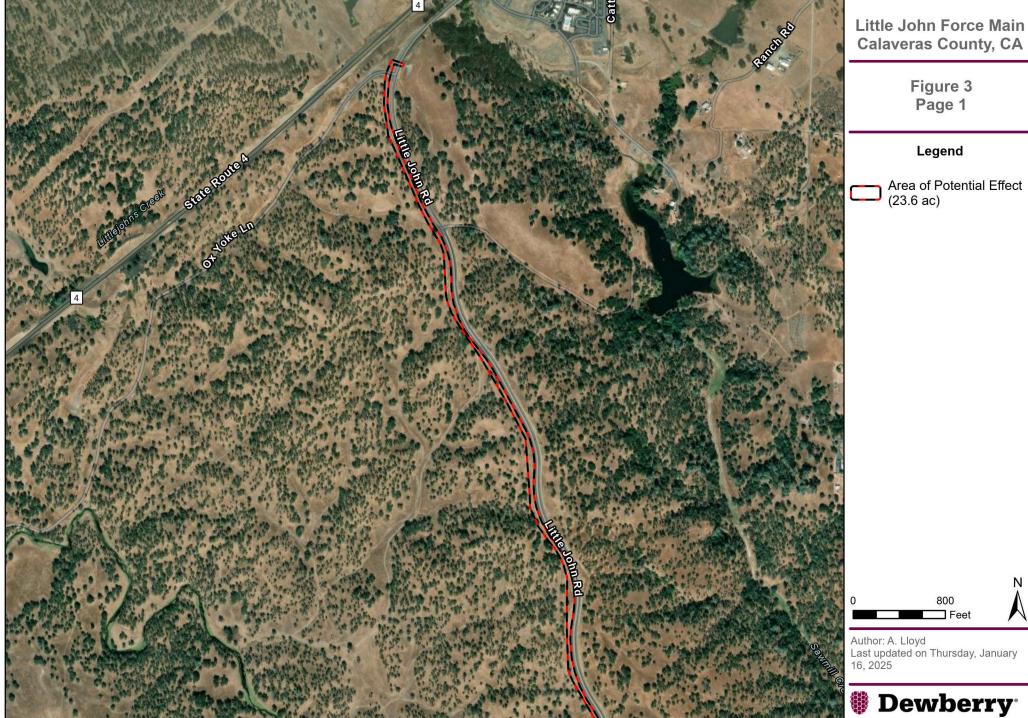


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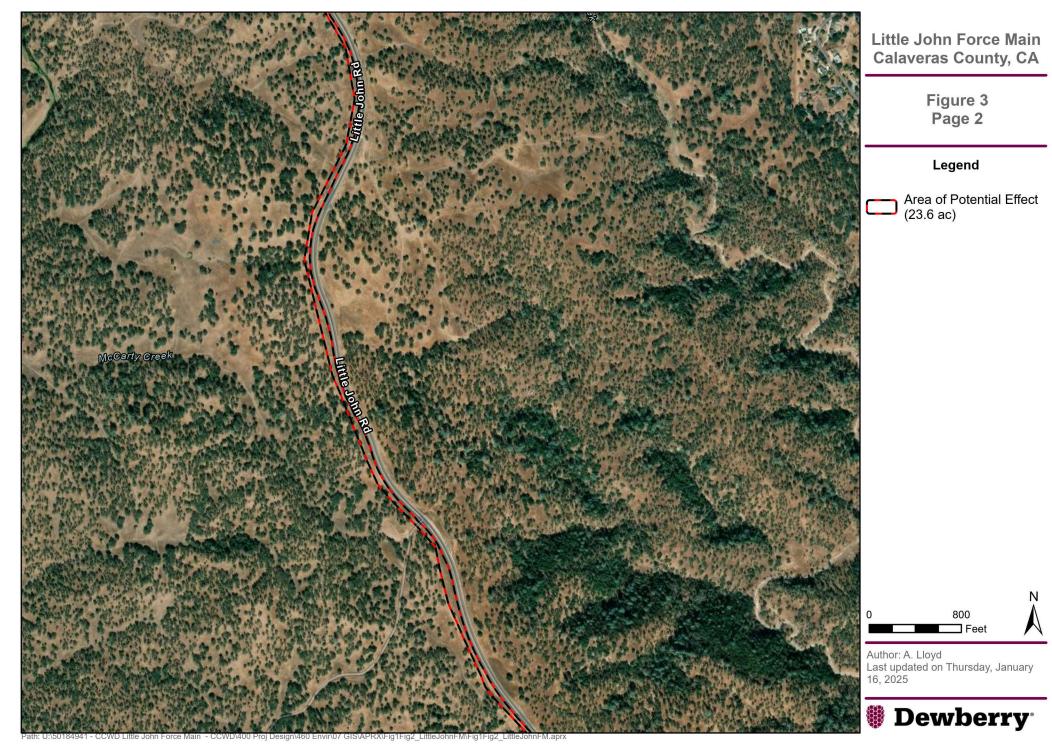
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# **Project Vicinity**

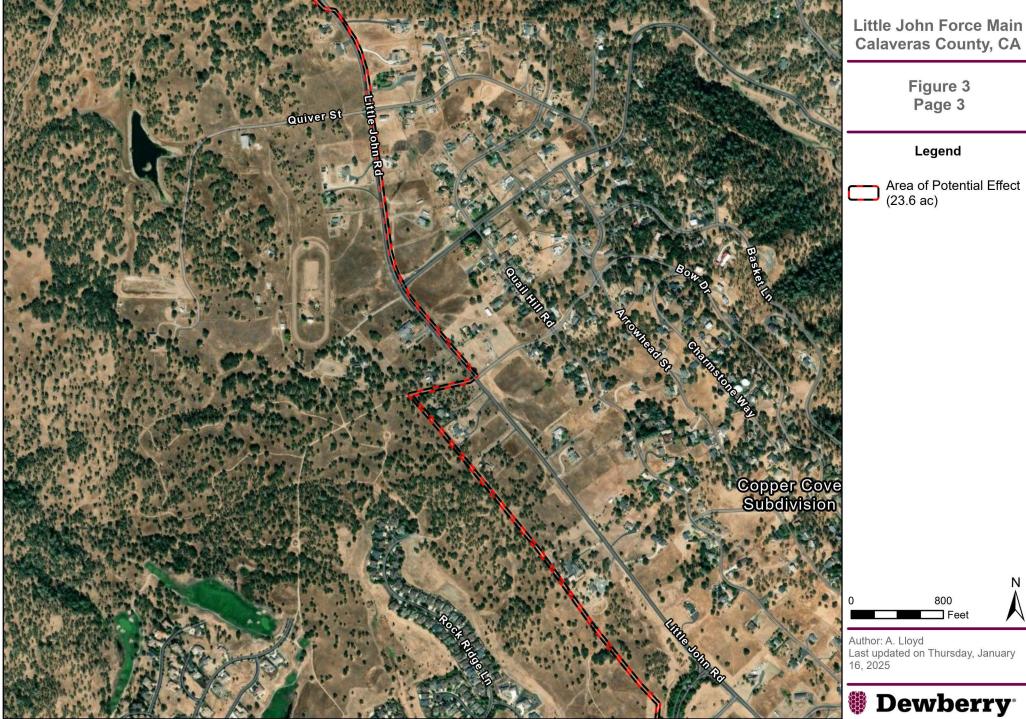


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# **Project Vicinity**

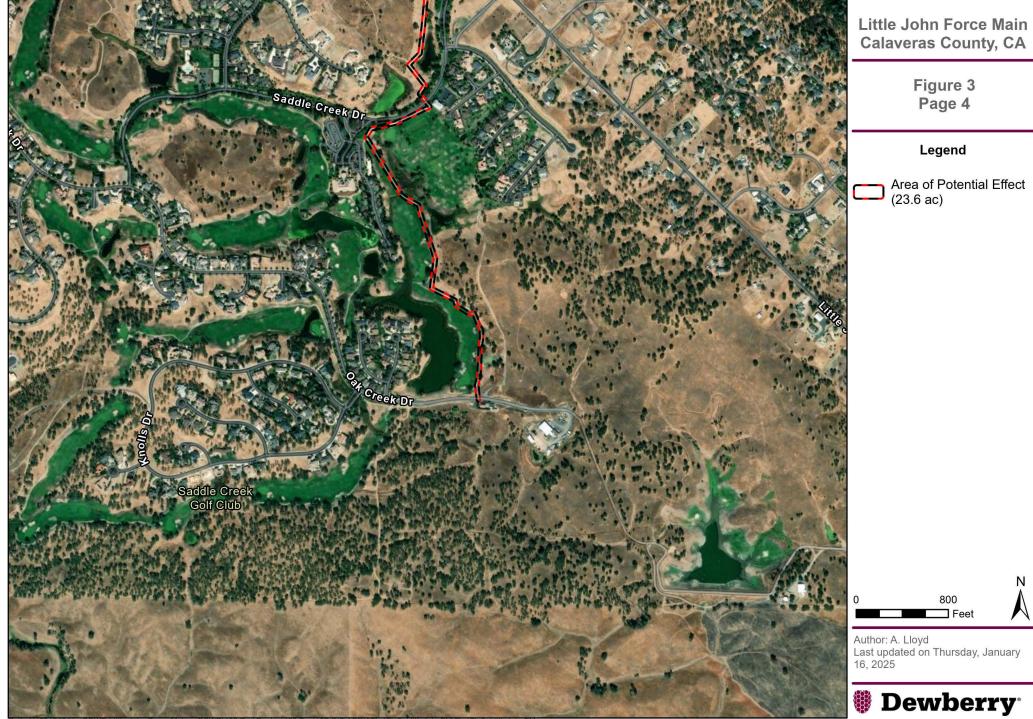


## **Project Vicinity**



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## **Project Vicinity**



Path: U:\50184941 - CCWD Little John Force Main - CCWD\400 Proj Design\460 Envir\07 GIS\APRX\Fig1Fig2\_LittleJohnFM\Fig1Fig2\_LittleJohnFM.aprx

### 8.2 Attachment B Record Search (CONFIDENTIAL)

#### **Confidential Information**

Archaeological and other cultural resources might be damaged or destroyed when there is uncontrolled public disclosure of their whereabouts. Archaeological site locations and culturally sensitive information is considered confidential and public access to this information is restricted to those who need to know by state and federal law. Any references in this report to cultural resources location, character and ownership shall be omitted before public review.

Information regarding the location, character or ownership of a historical resource is exempt from the Freedom of Information Act pursuant to Section 304 of the National Historic Preservation Act [16 U.S.C. 470w-3], 36 CFR 800(6)(a)(5) and 36 CFR 800.11(c); Section 9 (a) of the Archaeological Resources Protection Act; Executive Order 13007; Section 6254.10 of the California State Government Code; and the 2005 California Senate Bill 922.

Records maintained or in possession of the Native American Heritage Commission, State and local agencies that are also exempt from public disclosure include those that contain information on Native American graves, cemeteries and sacred places, and included records obtained during consultation with Native Americans pursuant to California Government Code 6254(r) and 6254.10.

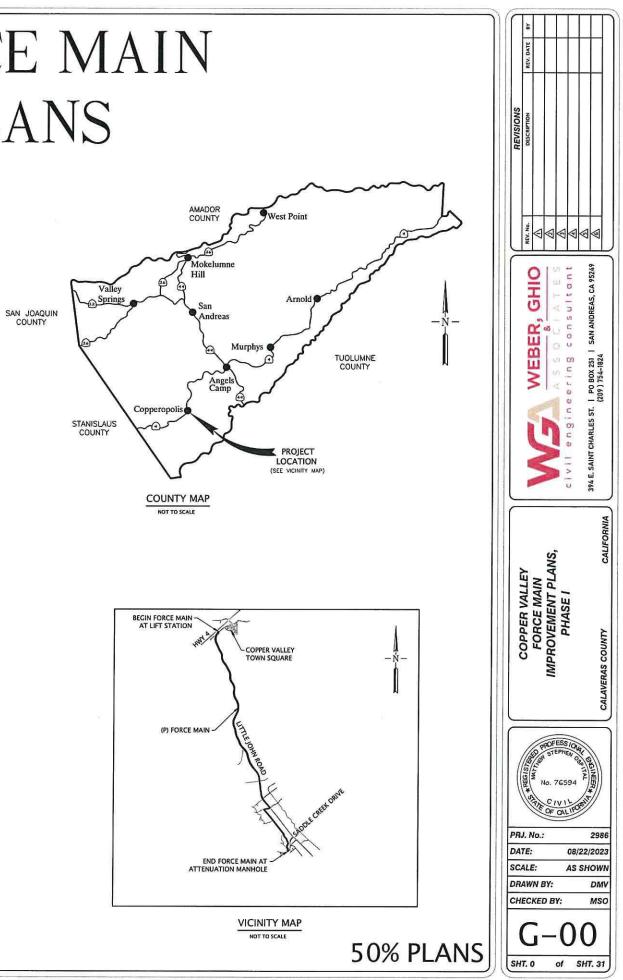


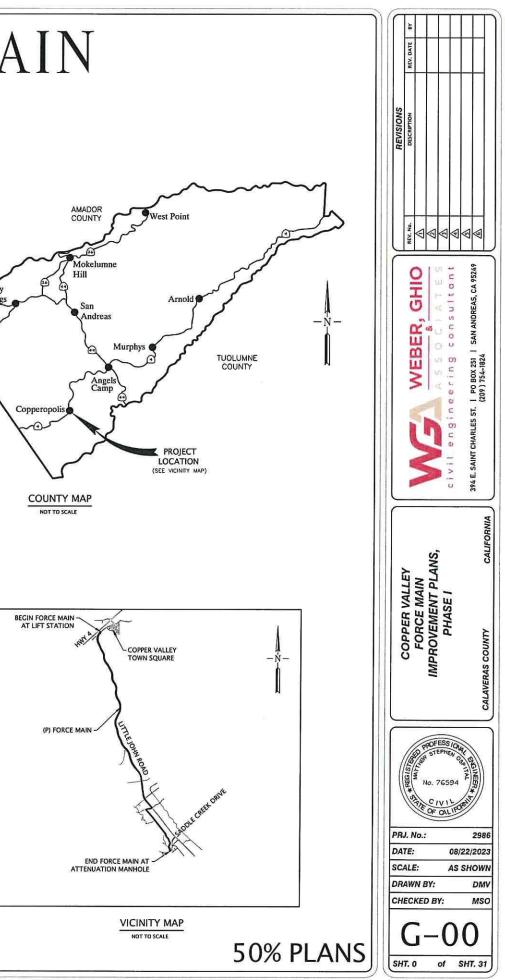
## ATTATCHMENT D PLAN SET

# COPPER VALLEY FORCE MAIN **IMPROVEMENT PLANS**

## PHASE I

COPPEROPPOLIS, CA CALAVERAS COUNTY **AUGUST 2023** 





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C-03	LIFT STATION - ACCESS ROAD IMPROVEMENT PLAN
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C-14	FORCE MAIN - PLAN AND PROFILE, STA: 110+00 TO STA: 120+00
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C-19	FORCE MAIN - PLAN AND PROFILE, STA: 160+00 TO STA: 170+00
C-20	FORCE MAIN - PLAN AND PROFILE, STA: 170+00 TO STA: 180+00
C-21	FORCE MAIN - PLAN AND PROFILE, STA: 180+00 TO STA: 190+00
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CONTROL BUILDING DETAILS C-30

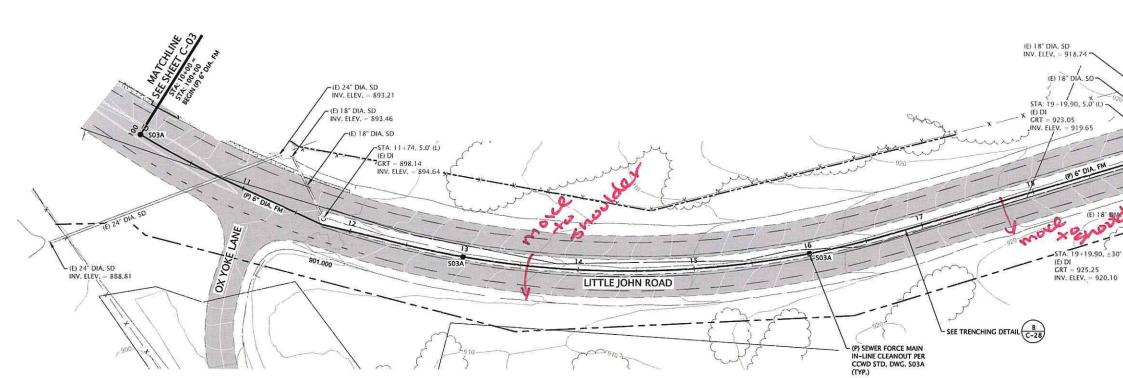
#### ELECTRICAL SHEET INDEX: Е

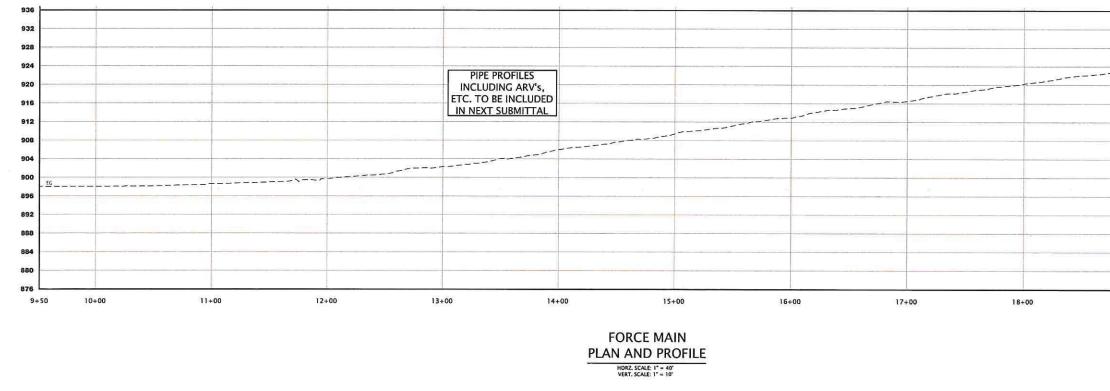
E2 Ε E3 E4 Ε E5 F6 E7 E8 F9 EO E11

E1

E12 E

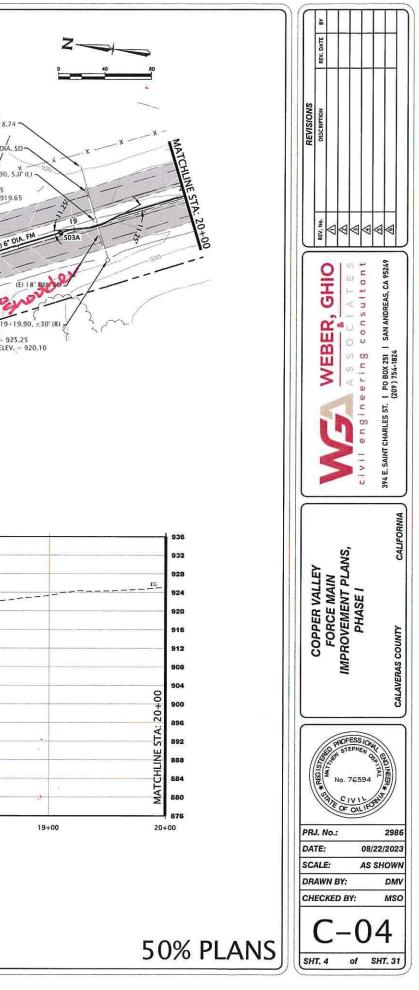
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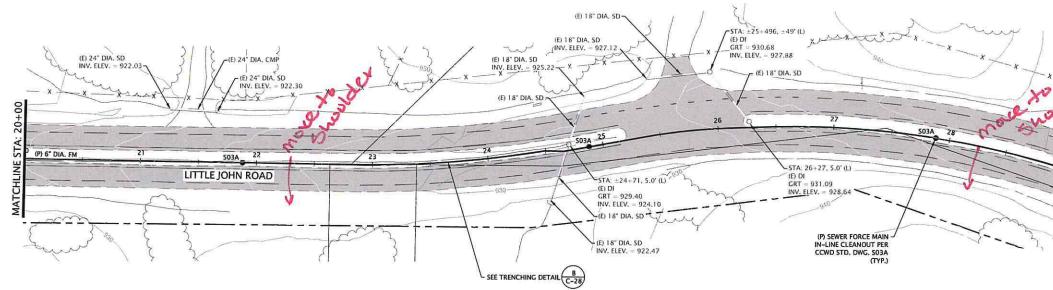


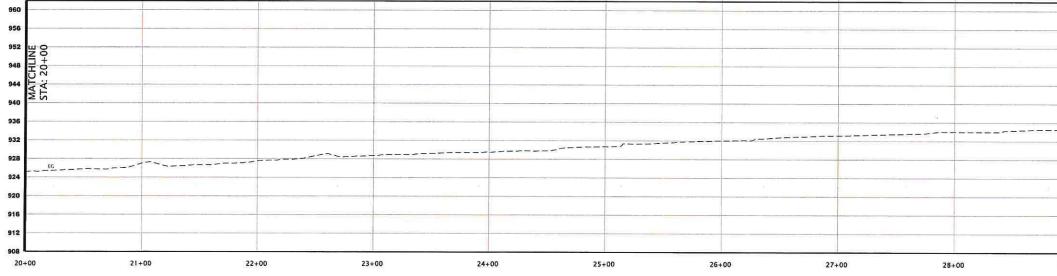


FORCE MAIN - PLAN AND PROFILE, STA: 10+00 TO STA: 20+00

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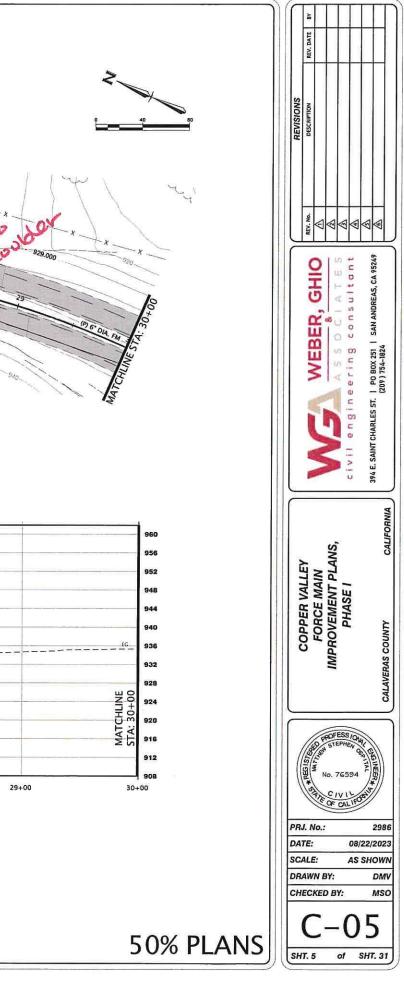


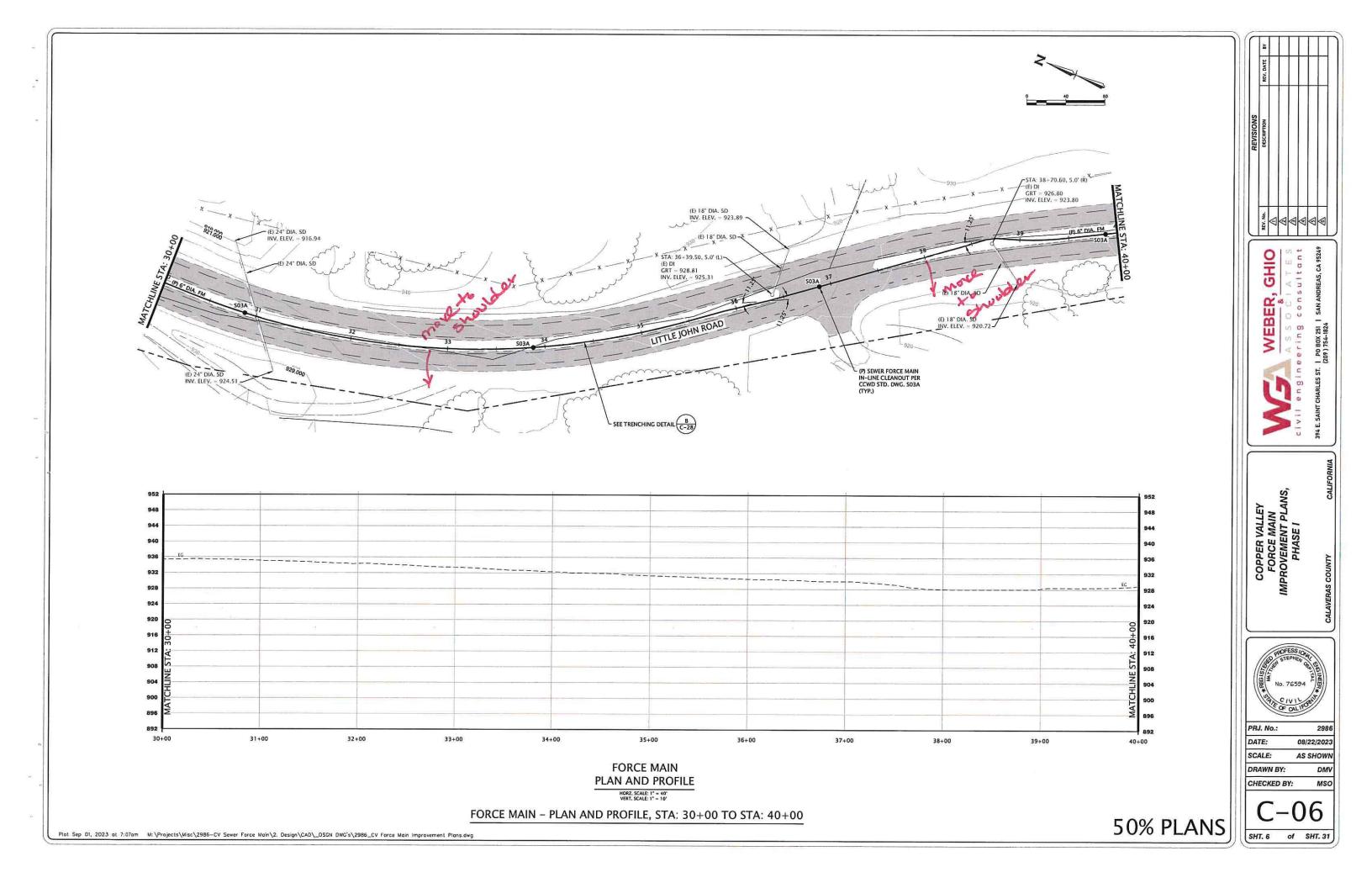


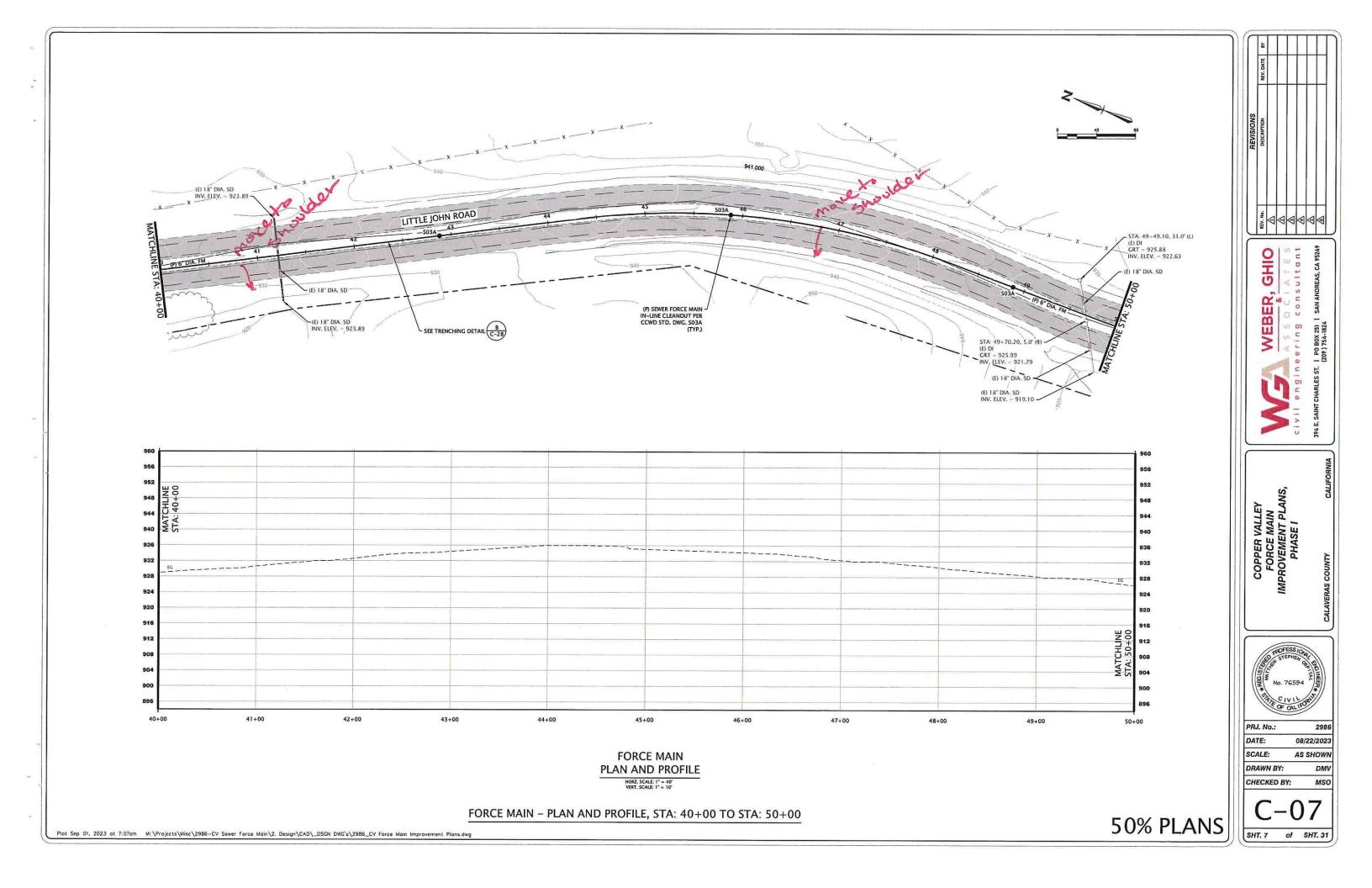
FORCE MAIN PLAN AND PROFILE HORZ. SCALE: 1" = 10"

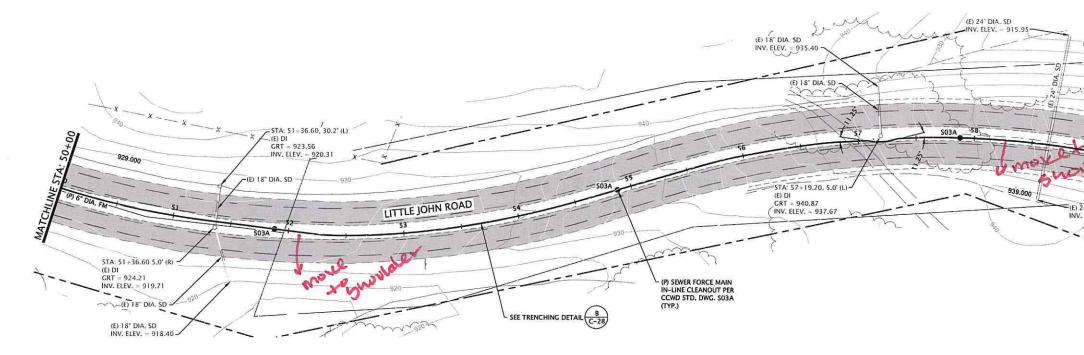
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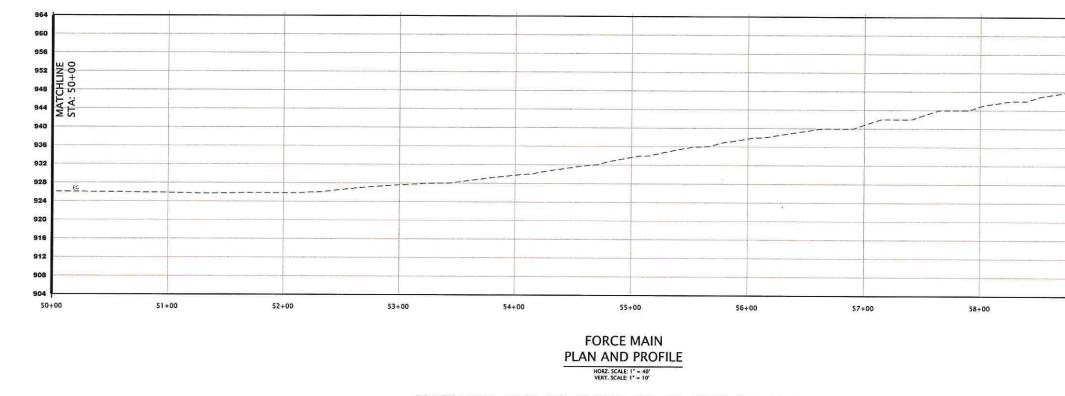
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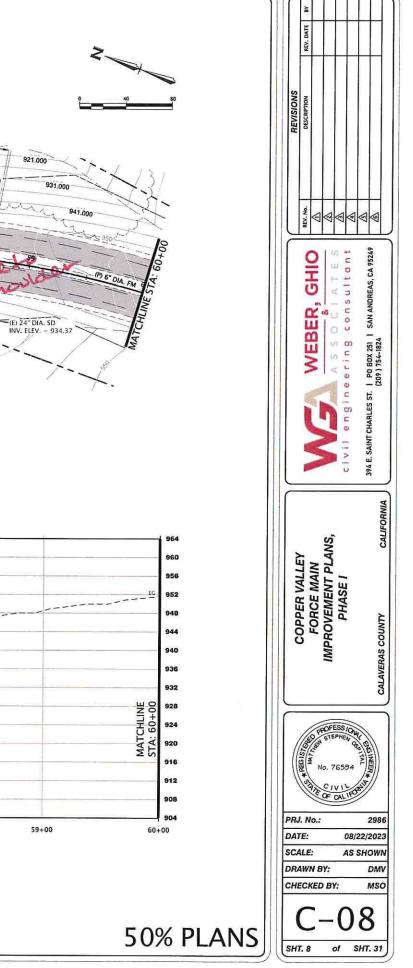


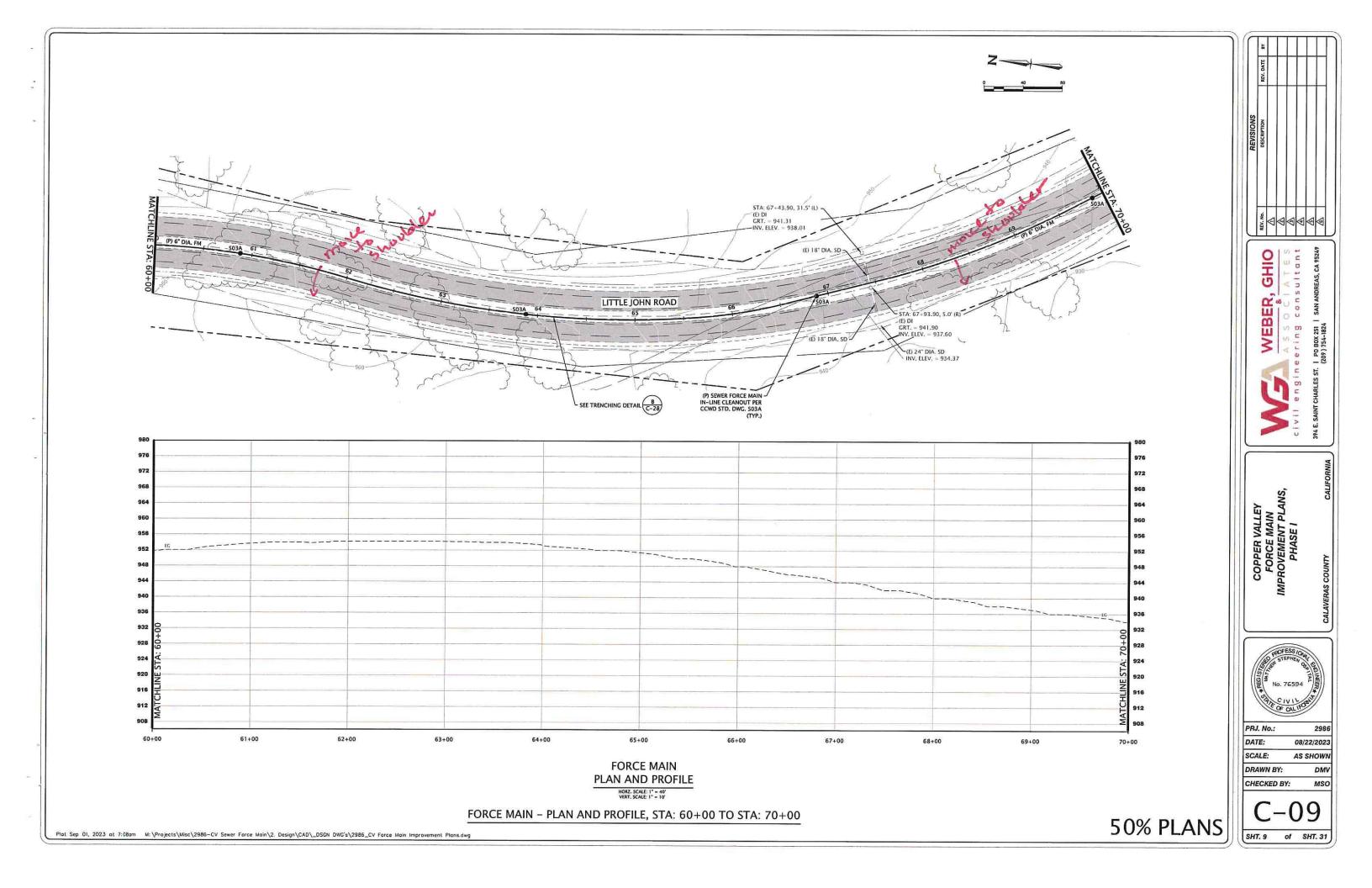


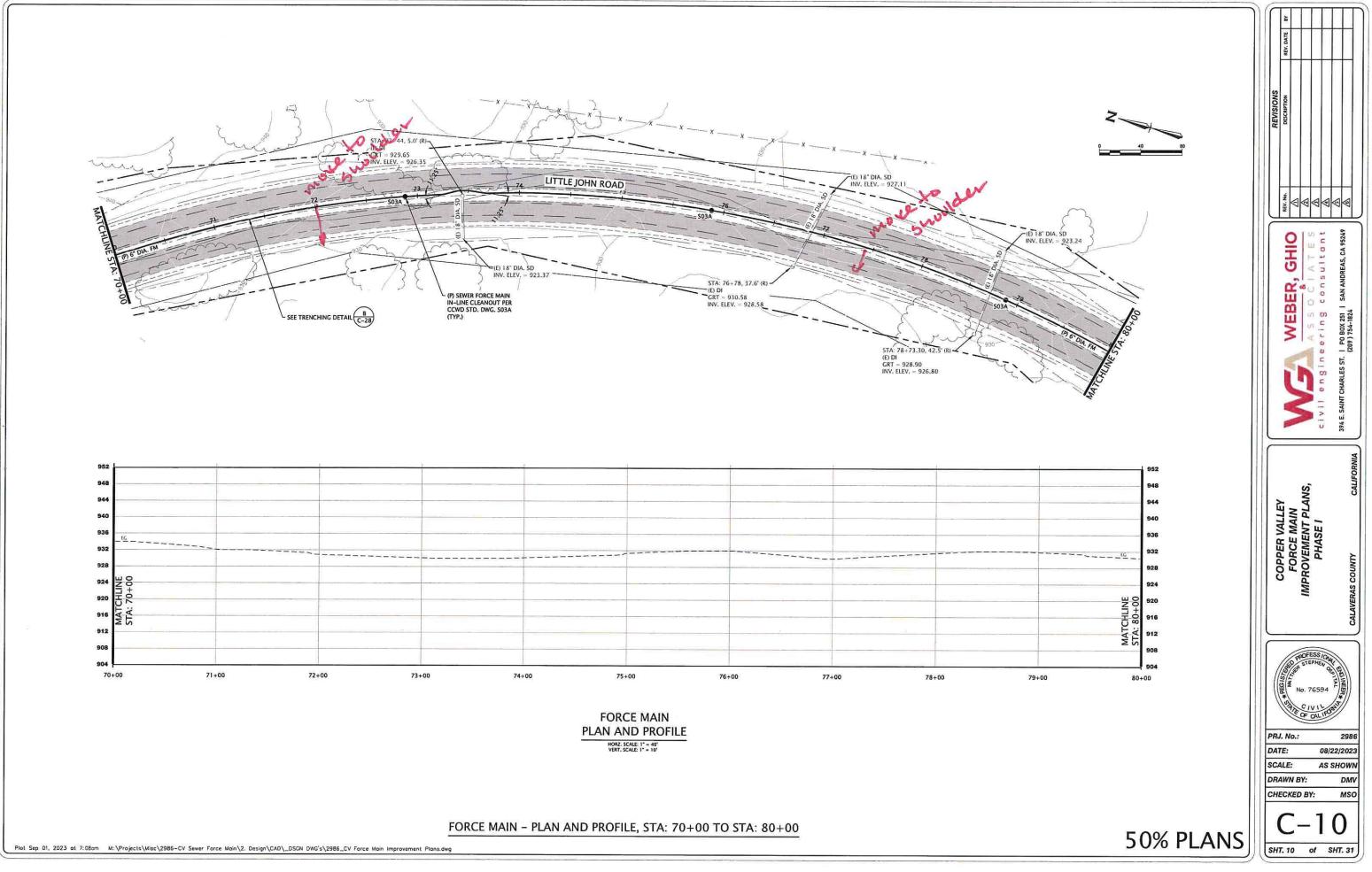


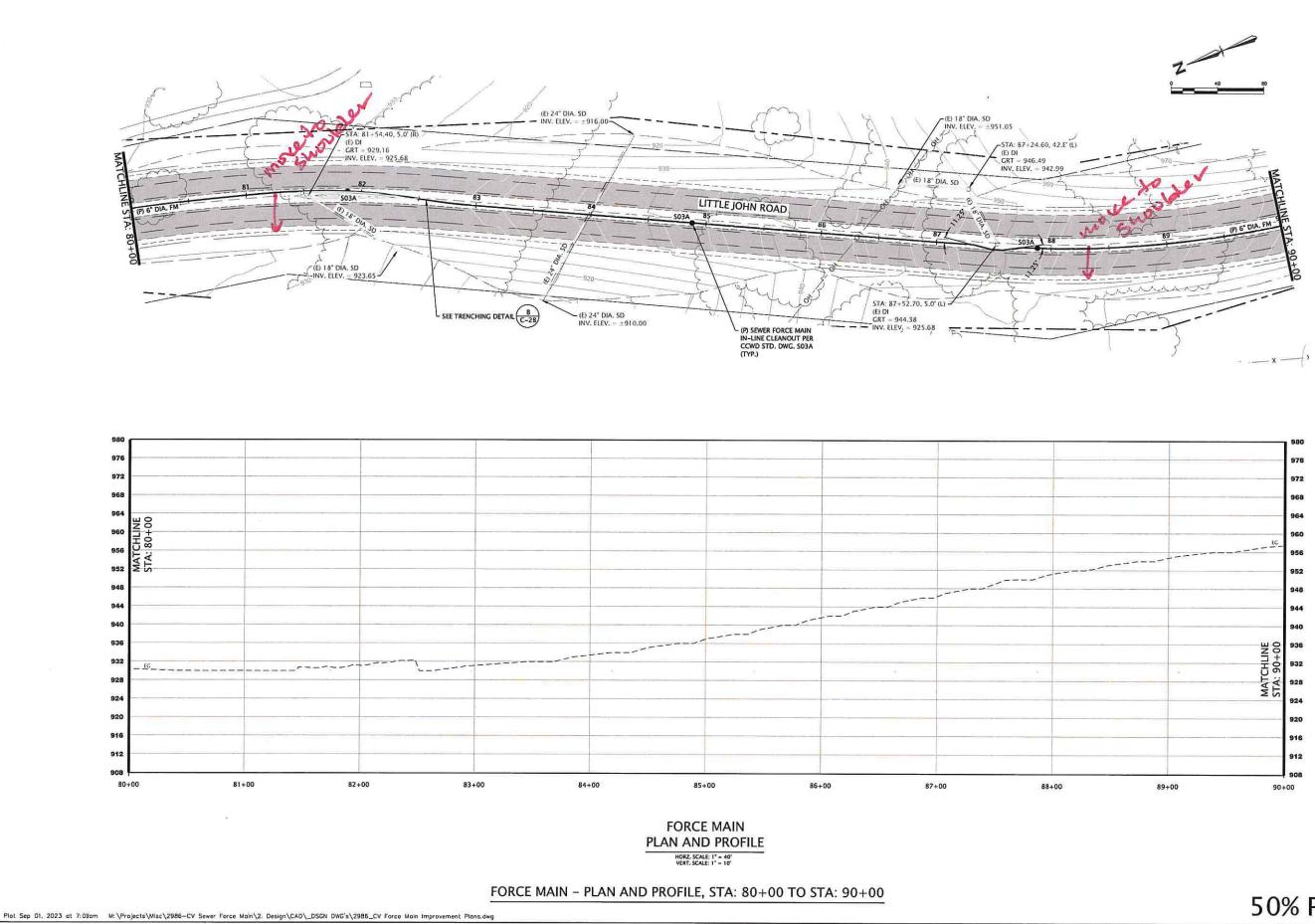
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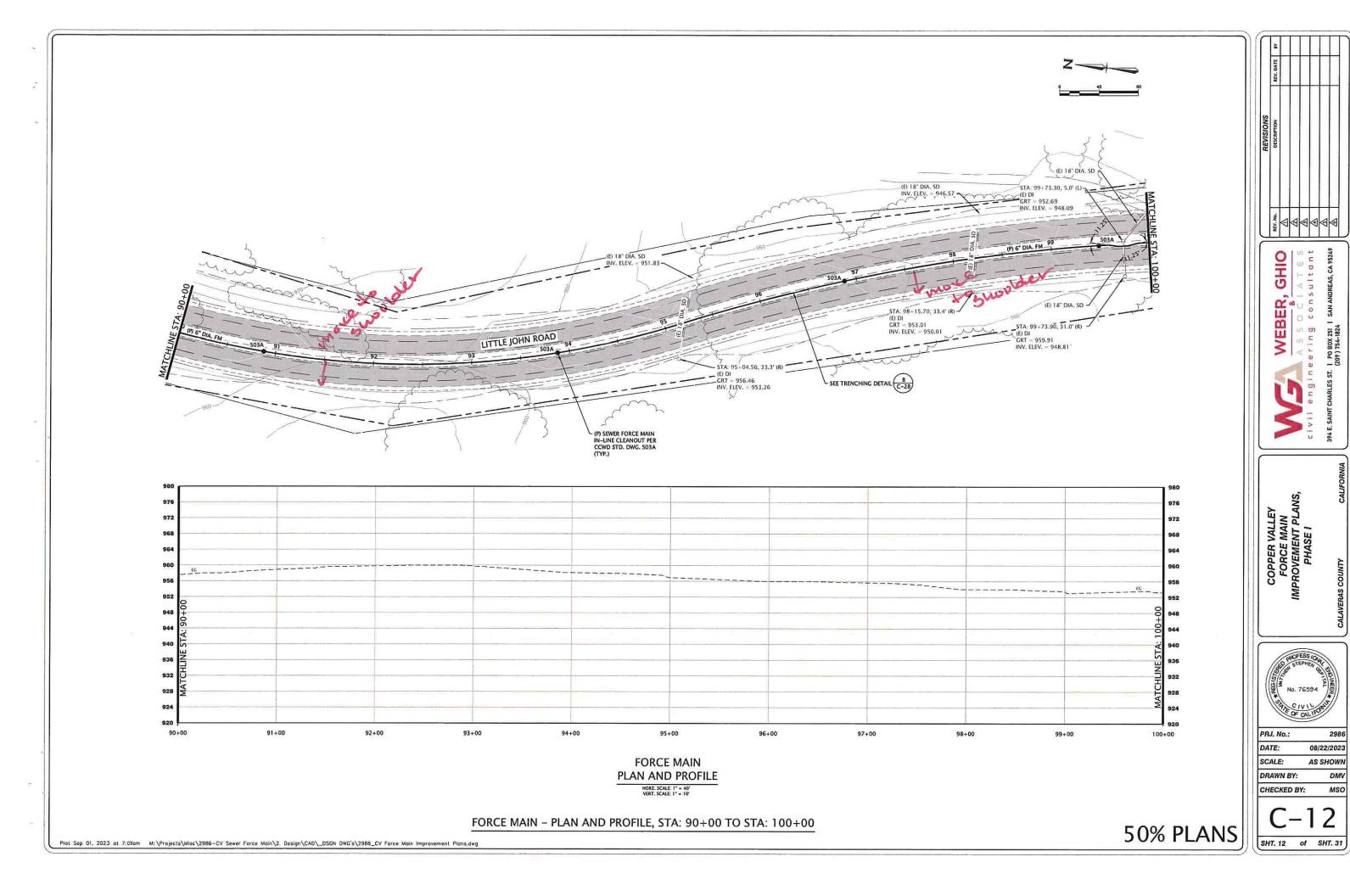


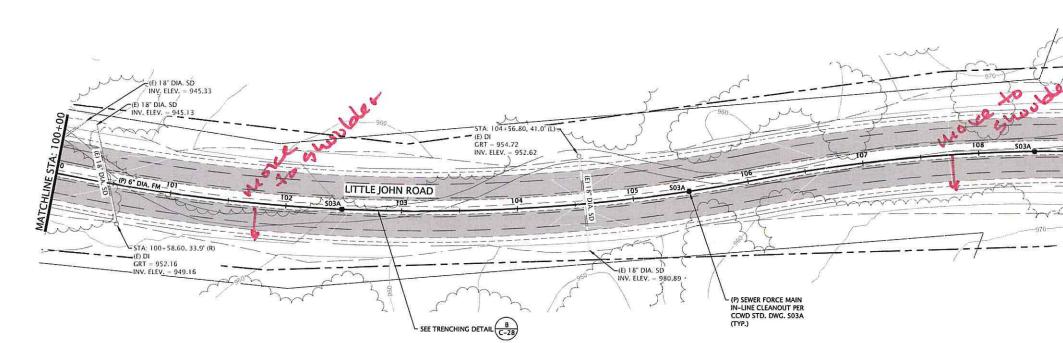


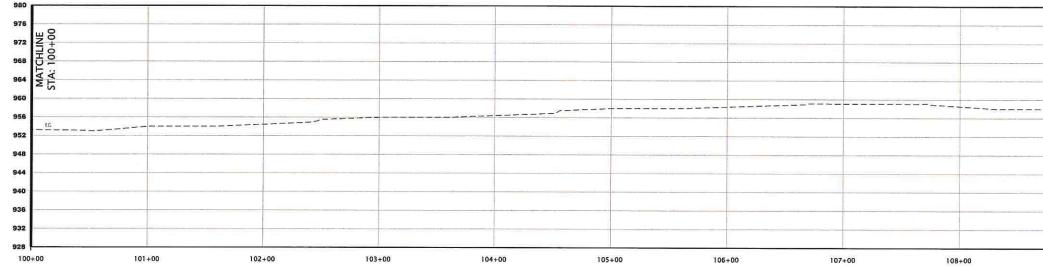








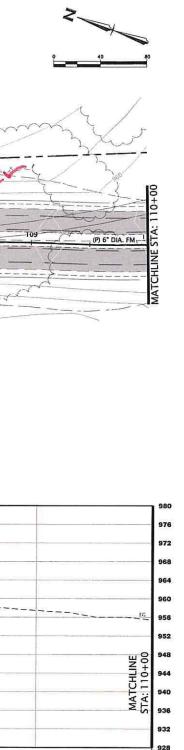




FORCE MAIN PLAN AND PROFILE HORZ. SCALE: 1" = 40' VERT. SCALE: 1" = 20'

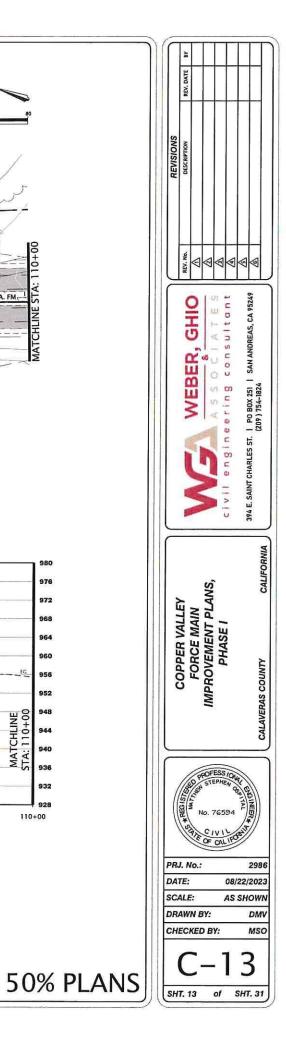
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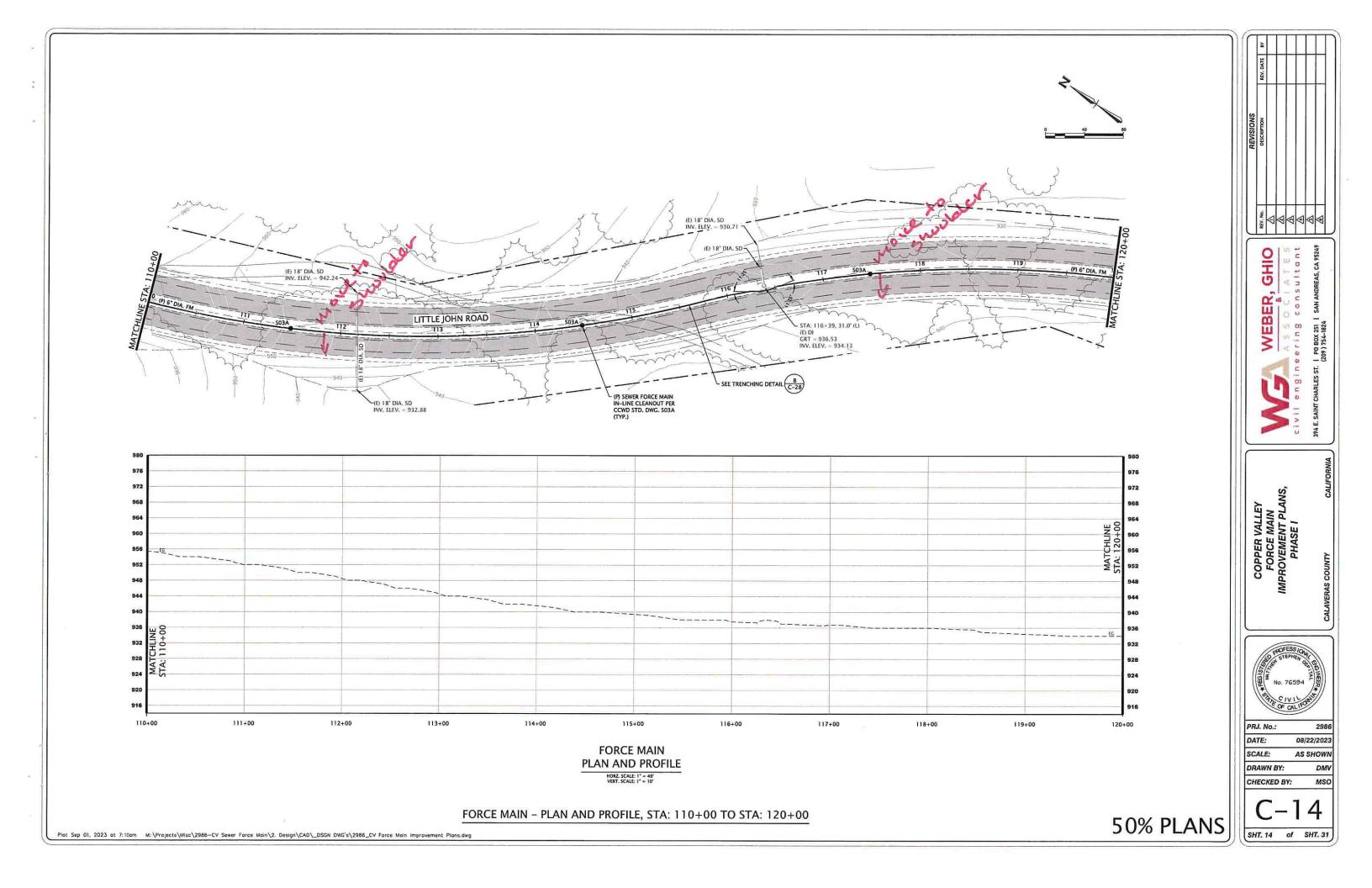
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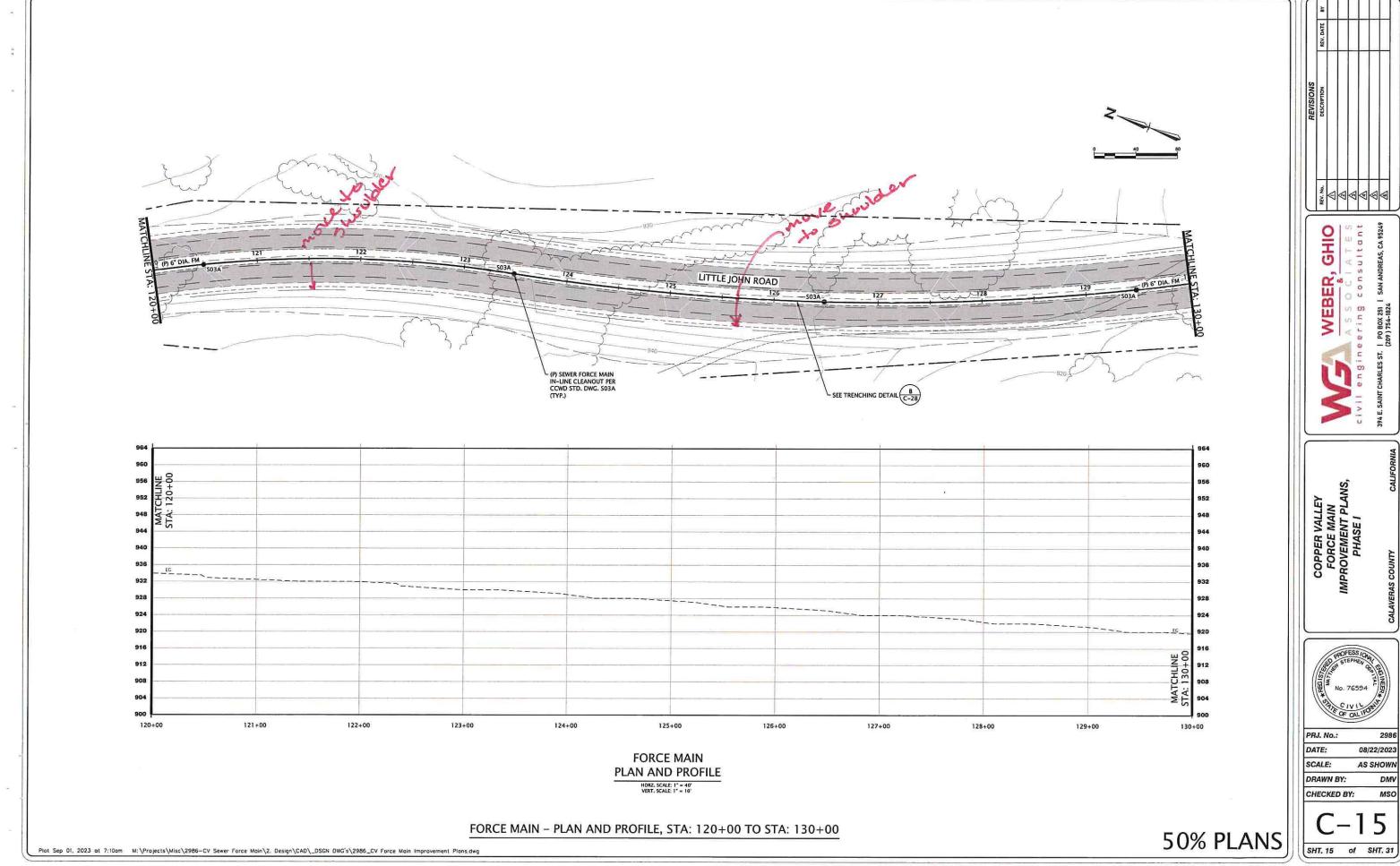


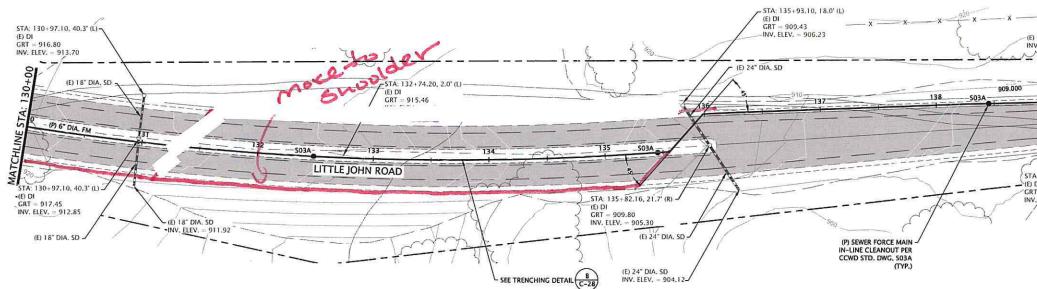
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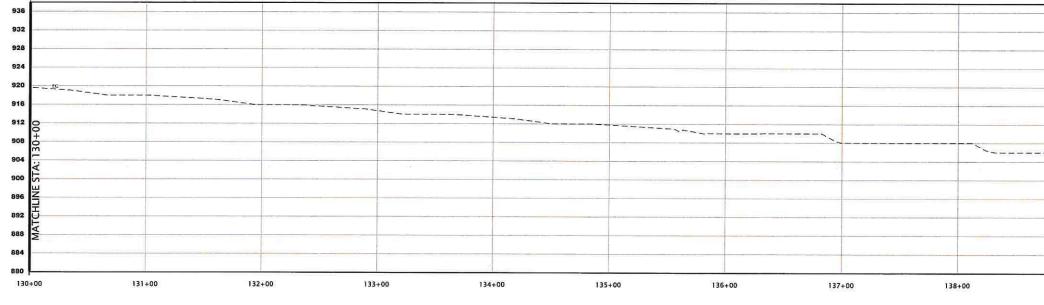
110+00











FORCE MAIN PLAN AND PROFILE

HORZ. SCALE: 1" = 40' VERT. SCALE: 1" = 10'

FORCE MAIN - PLAN AND PROFILE, STA: 130+00 TO STA: 140+00

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