

VTA'S BART SILICON VALLEY— PHASE II EXTENSION PROJECT SPECIAL-STATUS SPECIES LISTS

PREPARED FOR:

Santa Clara Valley Transportation Authority
U.S. Department of Transportation
Federal Transit Administration



PREPARED BY:

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November 2016

ICF 2016. VTA's BART Silicon Valley—Phase II Extension Project Special-Status Species Lists. November. San Jose, CA. Prepared for the Santa Clara Valley Transportation Authority, San Jose, CA, and the Federal Transit Administration, Washington, D.C.

Special-Status Plants with Potential to Occur in the Project Footprint

Scientific and Common Name	Status: Federal/ State/ CNPS	Geographic Distribution	Habitat Requirements	Blooming Period	Potential to Occur in BART Extension Footprint
<i>Balsamorhiza macrolepis</i> Big-scale balsamroot	-/-/1B.2	Scattered occurrences in the Coast Ranges and Sierra Nevada foothills.	Chaparral, cismontane woodland, valley and foothill grassland, 295 to 5,100 feet above mean sea level (MSL)	Mar-June	None; BART Extension footprint is below species elevation range.
<i>California macrophylla</i> Round-leaved filaree	-/-/1B.1	Alameda, Butte, Contra Costa, Colusa, Fresno, Glenn, Kings, Kern, Lake, Lassen, Los Angeles, Merced, Monterey, Napa, Riverside, Santa Barbara, San Benito, Santa Clara, San Diego, San Joaquin, San Luis Obispo, San Mateo, Solano, Sonoma, Stanislaus, Tehama, Tulare, Ventura, and Yolo counties and Santa Cruz Island.	Cismontane woodland, valley and foothill grassland, 50 to 3,940 feet above MSL	Mar-May	None; no suitable habitat within the BART Extension footprint. There are no CNDDDB documented occurrences within 2 miles of the BART Extension footprint.
<i>Centromadia parryi</i> ssp. <i>congdonii</i> Congdon's tarplant	-/-/1B.1	East San Francisco Bay Area, Salinas Valley, Los Osos Valley	Annual grassland, on lower slopes, flats, and swales, sometimes on alkaline or saline soils, below 700 feet above MSL	Jun-Nov	None; no suitable habitat within the BART Extension footprint. There is one CNDDDB documented occurrences within 2 miles of the BART Extension footprint. Presence of this occurrence is extirpated.
<i>Chorizanthe robusta</i> var. <i>robusta</i> Robust spineflower	E/-/1B.1	Alameda, Monterey, Marin, Santa Clara, Santa Cruz, San Francisco, and San Mateo counties	Chaparral, cismontane woodland, coastal dunes, coastal scrub, 10 to 980 feet above MSL	Apr-Sep	None; no suitable habitat within the BART Extension footprint and considered extirpated in Santa Clara County. There is one CNDDDB occurrence documented less than a mile from the area of potential effects, however the species was last seen in 1882 at this location and the area has been highly developed and urbanized.
<i>Cirsium fontinale</i> var. <i>campylon</i> Mt. Hamilton fountain thistle	-/-/1B.2	Alameda, Santa Clara, and Stanislaus counties.	Chaparral, cismontane woodland, valley and foothill grassland, 330 to ,2920 feet above MSL	Apr-Oct	None; BART Extension footprint is below species elevation range.

Special-Status Plants with Potential to Occur in the Project Footprint

Scientific and Common Name	Status: Federal/ State/ CNPS	Geographic Distribution	Habitat Requirements	Blooming Period	Potential to Occur in BART Extension Footprint
<i>Collinsia multicolor</i> San Francisco collinsia	-/-/1B.2	Monterey, Santa Cruz, San Francisco, and San Mateo Counties.	Northern coastal scrub and closed-cone pine forest, 100 to 820 feet above MSL	March–May	None; no suitable habitat within the BART Extension footprint. There are no CNDDDB documented occurrences within 2 miles of the BART Extension footprint.
<i>Dudleya abramsii ssp. setchellii</i> Santa Clara Valley dudleya	E/-/1B.1	Santa Clara County	Cismontane woodland, valley and foothill grassland, serpentinite, rocky, 195 to 1,490 feet above MSL	Apr–Oct	None; BART Extension footprint is below species elevation range.
<i>Fritillaria liliacea</i> Fragrant fritillary	-/-/1B.2	Alameda, Contra Costa, Monterey, Marin, Santa Clara, San Mateo, San Francisco, San Benito, Solano, and Sonoma.	Coastal prairie, valley grassland, northern coastal scrub, and wetland-riparian, 10 to 1,345 feet above MSL	Feb–Apr	None; no suitable habitat within the BART Extension footprint. There are no CNDDDB documented occurrences within 2 miles of the BART Extension footprint.
<i>Hoita strobilina</i> Loma Prieta hoita	-/-/1B	Alameda, Contra Costa, Santa Clara, and Santa Cruz counties.	Chaparral, cismontane woodland, riparian woodland, usually serpentinite, mesic, from 100 to 2,800 feet above MSL	May–July	None; no suitable habitat within the BART Extension footprint. There are no CNDDDB documented occurrences within 2 miles of the BART Extension footprint.
<i>Lasthenia conjugens</i> Contra Costa goldfields	E/-/1B.1	Alameda, Contra Costa, Mendocino, Monterey, Marin, Napa Santa Barbara, Santa Clara, Solano, and Sonoma counties	Cismontane woodland, playas, valley and foothill grassland, vernal pools/mesic, from 0 to 1,540 feet above MSL	Mar–June	None; no suitable habitat within the BART Extension footprint. There are no CNDDDB documented occurrences within 2 miles of the BART Extension footprint.
<i>Malacothamnus arcuatus</i> Arcuate bush mallow	-/-/1B.2	Santa Cruz, San Mateo, and Santa Clara.	Chaparral, cismontane woodland, from 50 to 1,165 above MSL	April–Sep	None; no suitable habitat within the BART Extension footprint. There is one CNDDDB documented occurrence ~0.5-mile west of the BART Extension footprint that was last observed in 1961 and is considered possibly extirpated.

Special-Status Plants with Potential to Occur in the Project Footprint

Scientific and Common Name	Status: Federal/ State/ CNPS	Geographic Distribution	Habitat Requirements	Blooming Period	Potential to Occur in BART Extension Footprint
<i>Malacothamnus hallii</i> Hall's bush mallow	-/-/1B.2	Contra Costa, Lake, Mendocino, Merced, Santa Clara, San Mateo, and Stanislaus counties	Chaparral, coast scrub, from 30 to 2,500 feet above MSL	May-Sep	None; there is no suitable habitat within the BART Extension footprint. There is one CNDDDB occurrence less than a mile from the BART Extension footprint in between the airport and Guadalupe River that was last observed in 1973. The area was surveyed in 1993 with negative results.
<i>Plagiobothrys glaber</i> Hairless popcorn-flower	-/-/1A	Coastal valleys from Marin to San Benito Counties	Alkaline meadows, coastal salt marsh and swamps at 50-590 feet above MSL	Mar-May	None; there is no suitable habitat within the BART Extension footprint. There are two CNDDDB occurrences less than two miles from the BART Extension footprint, south of the intersection of Highways 280 and 101 that was last seen in 1955 and is listed as a possible misidentification, and ~0.5-mile west of the BART Extension footprint in Santa Clara that was last seen in 1892.
<i>Senecio aphanactis</i> Chaparral ragwort	-/-/2B.2	Scattered locations in central western and southwestern California, from Alameda County to San Diego County	Chaparral, cismontane woodland, coastal scrub, sometimes alkaline, 50 to 2,620 feet above MSL	Jan-Apr	None; no suitable habitat within the BART Extension footprint. There are no CNDDDB documented occurrences within 2 miles of the BART Extension footprint.
<i>Streptanthus albidus ssp. albidus</i> Metcalf Canyon jewelflower	E/-/1B.1	Santa Clara County	Valley and foothill grasslands, serpentinite, from 150 to 2,620 feet above MSL	Apr-June	None; BART Extension footprint is below species elevation range.
<i>Trifolium hydrophilum (T. depauperatum var. hydrophilum)</i> Saline clover	-/-/1B.2	Sacramento Valley, central western California	Salt marsh, mesic alkaline areas in grasslands, vernal pools, 0 to 980 feet above MSL	Apr-Jun	None; there is no suitable habitat within the BART Extension footprint. There is one CNDDDB occurrence less than a mile from the BART Extension footprint from 1903 located in a currently developed area in downtown San Jose.

<u>Status Explanations</u>	
Federal	
E	= listed as endangered under the federal Endangered Species Act
T	= listed as threatened under the federal Endangered Species Act
-	= no listing
State	
E	= listed as endangered under the California Endangered Species Act
T	= listed as threatened under the California Endangered Species Act
R	= listed as rare under the California Native Plant Protection Act. This category is no longer used for newly listed plants, but some plants previously listed as rare retain this designation
-	= no listing.
California Native Plant Society	
1A	= List 1A species: plants presumed extinct in California and elsewhere
1B	= List 1B species: rare, threatened, or endangered in California and elsewhere
2	= List 2 species: rare, threatened, or endangered in California but more common elsewhere
3	= List 3 species: plants about which more information is needed to determine their status
4	= List 4 species: plants of limited distribution
0.1	= seriously endangered in California
0.2	= fairly endangered in California
0.3	= not very endangered in California
b Likelihood of Occurrence	
High:	Known occurrence of plant within 2 miles of the project vicinity from CNDDDB or other documents, or presence of suitable habitat conditions and suitable microhabitat conditions
Moderate:	Known occurrence of plant within 2 miles of the project vicinity from CNDDDB or other documents; suitable habitat is present but suitable microhabitat conditions are not
Low:	Plant not known to occur within 2 miles of the project vicinity from CNDDDB or other documents, or habitat conditions are of poor quality, or species presumed extirpated from project vicinity
None:	Plant not known to occur within 2 miles of the project vicinity from CNDDDB or other documents, or suitable habitat not present in any condition

Special-Status Fish and Wildlife with Potential to Occur in Project Footprint

Scientific and Common Name	Status: Federal/State	California Distribution	Habitats	Potential to Occur within BART Extension Footprint
Invertebrates				
<i>Adela oplerella</i> Opler's longhorn moth	--/--	Marin County and Oakland area on the inner coast ranges south to Santa Clara County.	Serpentine substrates that support the host plant, cream cups (<i>Platystemon californicus</i>)	None; no suitable habitat within the BART Extension footprint. There are no CNDDDB documented occurrences within 2 miles of the BART Extension footprint.
<i>Euphydryas editha bayensis</i> Bay checkerspot butterfly	T/--	Disjunct occurrences in San Mateo and Santa Clara Counties.	Associated with specific host plants that typically grow on serpentine soils.	None; no suitable habitat within the BART Extension footprint. There are no CNDDDB documented occurrences within 2 miles of the BART Extension footprint.
<i>Microcina homi</i> Hom's micro-blind harvestman	--/--	Santa Clara County in xeric habitats.	Serpentine rocks	None; no suitable habitat within the BART Extension footprint. There are no CNDDDB documented occurrences within 2 miles of the BART Extension footprint.
Fish				
<i>Hypomesus transpacificus</i> Delta smelt	T/T	Primarily in the Sacramento-San Joaquin Estuary, but has been found as far upstream as the mouth of the American River on the Sacramento River and Mossdale on the San Joaquin River; range extends downstream to San Pablo Bay.	Occurs in estuary habitat in the Delta where fresh and brackish water mix in the salinity range of 2-7 parts per thousand (Moyle 2002).	None; outside on known range.
<i>Oncorhynchus mykiss</i> Central California coast and Central Valley steelhead	T/-- (both)	Coastal drainages along the central California coast. Sacramento and San Joaquin River and their tributaries.	Cold, clear water with clean gravel of appropriate size for spawning. Most spawning occurs in headwater streams. Steelhead migrate to the ocean to feed and grow until sexually mature. Occurs in well-oxygenated, cool, riverine habitat with water temperatures from 7.8 to 18°C (Moyle 2002). Habitat types are riffles, runs, and pools.	High; documented occurrences in Coyote Creek, Guadalupe River, Los Gatos Creek, and Lower Silver Creek.
<i>Oncorhynchus tshawytscha</i> Central Valley and Sacramento River Chinook salmon	T (spring run)/- E (winter run)/- C (fall)/-	Sacramento and San Joaquin River and their tributaries.	Occurs in well-oxygenated, cool, riverine habitat with water temperatures from 8.0 to 12.5°C. Habitat types are riffles, runs, and pools. (Moyle 2002)	None for winter- or spring-run; outside of known occurrence. High for fall-run; documented occurrences in Coyote Creek, Guadalupe River and Los Gatos Creek

Special-Status Fish and Wildlife with Potential to Occur in Project Footprint

Scientific and Common Name	Status: Federal/State	California Distribution	Habitats	Potential to Occur within BART Extension Footprint
Amphibians and Reptiles				although may be hatchery strays.
<i>Ambystoma californiense</i> California tiger salamander	T/T	Central Valley, including Sierra Nevada foothills, up to approximately 1,000 feet above MSL, and coastal region from Sonoma County south to Santa Barbara County	Small ponds, lakes, or vernal pools in grasslands and oak woodlands for larvae; rodent burrows, rock crevices, or fallen logs for cover for adults and for summer dormancy.	None; no suitable habitat within the BART Extension footprint. There is one CNDDDB documented occurrence within 2 miles of the BART Extension footprint last observed in 1895 and is located in downtown San Jose. This occurrence is considered extirpated.
<i>Rana draytonii</i> California red-legged frog	T/SSC	Found along the coast and coastal mountain ranges of California from Mendocino County to San Diego County and in the Sierra Nevada from Butte County to Stanislaus County.	Permanent and semipermanent aquatic habitats, such as creeks and cold-water ponds, with emergent and submergent vegetation; may aestivate in rodent burrows or cracks during dry periods	Low; suitable migratory habitat occurs within Guadalupe Creek, but there are no CNDDDB documented occurrences within 2 miles of the BART Extension footprint.
<i>Emys marmorata</i> Western pond turtle	-/SSC	The western pond turtle is uncommon to common in suitable aquatic habitat throughout California, west of the Sierra-Cascade crest and absent from desert regions, except in the Mojave Desert along the Mojave River and its tributaries.	Occupies ponds, marshes, rivers, streams, and irrigation canals with muddy or rocky bottoms and with watercress, cattails, water lilies, or other aquatic vegetation in woodlands, grasslands, and open forests. Nests are typically constructed in upland habitat within 0.25 mile of aquatic habitat.	High; there are two CNDDDB occurrences documented within 2 miles of the BART Extension footprint. However, suitable habitat is limited to Creeks and their floodplains by intense urban development.
Birds				
<i>Accipiter cooperii</i> Cooper's hawk	--/--	Throughout California except high altitudes in the Sierra Nevada. Winters in the Central Valley, southeastern desert regions, and plains east of the Cascade Range.	Nests in a wide variety of habitat types, from riparian woodlands and digger pine-oak woodlands through mixed conifer forests.	Low; there is potential nesting habitat along riparian corridors is the creeks that cross the BART Extension footprint. However, there are no CNDDDB documented occurrences within 2 miles of the BART Extension footprint.
<i>Athene cunicularia hypugaea</i> Western burrowing owl	--/SSC	Lowlands throughout California, including the Central Valley, northeastern plateau, southeastern deserts, and coastal areas; rare along south coast	Level, open, dry, heavily grazed or low stature grassland or desert vegetation with available burrows	Moderate; there are five CNDDDB documented occurrences within 2 miles of the BART Extension footprint at the San Jose Airport. The occurrences are separated from the BART Extension footprint and much of the site does not offer suitable

Special-Status Fish and Wildlife with Potential to Occur in Project Footprint

Scientific and Common Name	Status: Federal/State	California Distribution	Habitats	Potential to Occur within BART Extension Footprint
				foraging habitat.
<i>Buteo swainsoni</i> Swainson's hawk	--/T	Lower Sacramento and San Joaquin Valleys, the Klamath Basin, and Butte Valley. Highest nesting densities occur near Davis and Woodland, Yolo County.	Nests in oaks or cottonwoods in or near riparian habitats. Forages in grasslands, irrigated pastures, and grain fields.	Low; there is one occurrence documented within one mile of the BART Extension footprint. However, the occurrence was documented in 1889.
<i>Falco peregrinus anatum</i> American peregrine falcon	-/-, FP	Permanent resident along the north and south Coast Ranges. May summer in the Cascade and Klamath Ranges and through the Sierra Nevada to Madera County. Winters in the Central Valley south through the Transverse and Peninsular Ranges and the plains east of the Cascade Range.	Nests and roosts on protected ledges of high cliffs, usually adjacent to lakes, rivers, or marshes that support large prey populations.	Low (foraging only); there are no CNDDDB documented occurrences within 2 miles of the BART Extension footprint.
<i>Rallus longirostris obsoletus</i> California clapper rail	E/ <u>E</u> ,FP	Found along the Pacific Coast in Monterey and San Luis Obispo Counties.	From tidal mudflats to tidal sloughs	None; no suitable habitat within the BART Extension footprint. There are no CNDDDB documented occurrences within 2 miles of the BART Extension footprint.
<i>Sternula antillarum browni</i> California least tern	E/E	Found along the Pacific Coast of California from San Francisco to Baja California	Nest on open beaches kept free of vegetation by natural scouring from tidal action	None; no suitable habitat within the BART Extension footprint. There are no CNDDDB documented occurrences within 2 miles of the BART Extension footprint.
Mammals				
<i>Antrozonus pallidus</i> Pallid bat	--/SSC	Widespread throughout California	Roosts in fissures in caves, tunnels, mines, hollow trees, and locations with stable temperatures.	Low (non-maternal roosts only); habitat exist within and adjacent to the BART Extension footprint and species is widespread. However, there is one CNDDDB occurrence within 2 miles of the BART Extension footprint from 1943 in downtown San Jose. The BART Extension footprint is surrounded by intense urban and commercial development.



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Query Criteria: Quad is (San Jose East (3712137) or San Jose West (3712138))

Ambystoma californiense		Element Code: AAAAA01180	
California tiger salamander			
Listing Status:	Federal: Threatened	CNDDDB Element Ranks:	Global: G2G3
	State: Threatened		State: S2S3
	Other: CDFW_SSC-Species of Special Concern, IUCN_VU-Vulnerable		
Habitat:	General: CENTRAL VALLEY DPS FEDERALLY LISTED AS THREATENED. SANTA BARBARA & SONOMA COUNTIES DPS FEDERALLY LISTED AS ENDANGERED.		
	Micro: NEED UNDERGROUND REFUGES, ESPECIALLY GROUND SQUIRREL BURROWS, & VERNAL POOLS OR OTHER SEASONAL WATER SOURCES FOR BREEDING.		

Occurrence No.	41	Map Index: 37885	EO Index: 32892	Element Last Seen:	1895-01-09
Occ. Rank:	None		Presence: Extirpated	Site Last Seen:	1895-01-09
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2001-11-14

Quad Summary: San Jose East (3712137), San Jose West (3712138), Calaveras Reservoir (3712147), Milpitas (3712148)
County Summary: Santa Clara

Lat/Long:	37.33789 / -121.89131	Accuracy:	5 miles
UTM:	Zone-10 N4132933 E598210	Elevation (ft):	85
PLSS:	T07S, R01E, Sec. 08 (M)	Acres:	0.0

Location: SAN JOSE.
Detailed Location: NO OTHER LOCATIONAL INFORMATION GIVEN.
Ecological:
General: HISTORIC RECORD. MUSEUM COLLECTION SU 879. JENNINGS CONSIDERS THIS SITE EXTIRPATED.
Owner/Manager: UNKNOWN

Occurrence No.	229	Map Index: 25521	EO Index: 5643	Element Last Seen:	1993-04-05
Occ. Rank:	None		Presence: Possibly Extirpated	Site Last Seen:	1993-04-05
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2009-06-17

Quad Summary: San Jose East (3712137)
County Summary: Santa Clara

Lat/Long:	37.29051 / -121.85875	Accuracy:	specific area
UTM:	Zone-10 N4127710 E601158	Elevation (ft):	125
PLSS:	T07S, R01E, Sec. 27 (M)	Acres:	21.4

Location: SOUTH SIDE OF SPRR TRACKS, APPROXIMATELY 1 MILE SOUTH OF THE MONTEREY ROAD INTERSECTION WITH CURTNER ROAD, SAN JOSE.
Detailed Location: FOUND IN THE VICINITY OF HILLSDALE MINE 1993. M. JENNINGS HAS GENERAL RECORDS FROM THE AREA BETWEEN CURTNER AVE, CAPITOL EXPWY & W MONTEREY HWY FROM 1980, 1981, 1983 & 1984.
Ecological: HABITAT IS TEMPORARY DITCHES, SEASONAL PONDS, & QUARRY POND, WITHIN AN ACTIVE QUARRY. WATER IS PUMPED FROM THE QUARRY POND TO TANKS FOR USE IN THE QUARRY. 2007 AERIAL PHOTO SHOWS A REMNANT OPEN SPACE COMPLETELY SURROUNDED BY DEVELOPMENT.
General: NUMEROUS LARVAE WERE OBSERVED, SOME CAPTURED AND RELEASED, DURING A SITE VISIT ON 5 APRIL 1993.
Owner/Manager: PVT



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California Department of Fish and Wildlife
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Occurrence No.	230	Map Index: 25520	EO Index: 5645	Element Last Seen: 1993-03-24
Occ. Rank:	None		Presence: Possibly Extirpated	Site Last Seen: 1993-03-24
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2009-05-29

Quad Summary: San Jose East (3712137)

County Summary: Santa Clara

Lat/Long:	37.29035 / -121.86212	Accuracy:	80 meters
UTM:	Zone-10 N4127689 E600859	Elevation (ft):	275
PLSS:	T07S, R01E, Sec. 28 (M)	Acres:	0.0

Location: 0.15 MILE SOUTH OF THE SPRR TRACKS, APPROX 1 MILE SOUTH OF THE INTERSECTION OF CURTNER ROAD AND MONTEREY ROAD, SAN JOSE.

Detailed Location: FOUND ON THE NORTHEAST-FACING SLOPE OF COMMUNICATION HILL 1993. JENNINGS HAS GENERAL RECORDS FROM THE AREA BETWEEN CURTNER AVE, CAPITOL EXPWY & W MONTEREY HWY FROM 1980, 1981, 1983 & 1984.

Ecological: HABITAT CONSISTS OF ANNUAL GRASSLAND. 2007 AERIAL PHOTO SHOWS ONLY A REMNANT OPEN SPACE COMPLETELY SURROUNDED BY DEVELOPMENT.

General: 2 ADULTS OBSERVED DURING LIGHT RAIN, AT APPROX 11:00 PM, MOVING IN THE DIRECTION OF A SEASONAL POND/QUARRY POND, WHERE 10 LARVAE WERE OBSERVED. ADULTS MEASURED 3.75 AND 4.00 INCHES SNOUT-VENT LENGTH.

Owner/Manager: PVT

Occurrence No.	392	Map Index: 33481	EO Index: 16990	Element Last Seen: 1995-02-14
Occ. Rank:	None		Presence: Extirpated	Site Last Seen: 2002-11-18
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2004-06-23

Quad Summary: San Jose East (3712137)

County Summary: Santa Clara

Lat/Long:	37.28919 / -121.76271	Accuracy:	80 meters
UTM:	Zone-10 N4127671 E609673	Elevation (ft):	360
PLSS:	T07S, R02E, Sec. 28 (M)	Acres:	0.0

Location: JUST EAST OF SAN FELIPE ROAD, ~0.8 MILES SE OF SAN FELIPE ROAD X YERBA BUENA CREEK, SAN JOSE.

Detailed Location:

Ecological: 1995: HABITAT CONSISTS OF A SMALL, REMNANT STOCK POND. 2002: AREA IS MAINLY DEVELOPED.

General: 10 LARVAE OBSERVED ON 14 FEBRUARY 1995. HABITAT GONE WHEN SITE CHECKED ON 18 NOV 2002.

Owner/Manager: PVT



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California Natural Diversity Database



Occurrence No.	431	Map Index:	38731	EO Index:	33738	Element Last Seen:	1998-04-19
Occ. Rank:	None	Presence:	Extirpated	Site Last Seen:		1998-04-19	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2009-06-18	

Quad Summary: San Jose East (3712137)

County Summary: Santa Clara

Lat/Long:	37.28917 / -121.80421	Accuracy:	80 meters
UTM:	Zone-10 N4127621 E605994	Elevation (ft):	375
PLSS:	T07S, R02E, Sec. 30 (M)	Acres:	0.0

Location: 0.3 MILE EAST OF HWY 101, 0.75 MILE NORTH OF THE COYOTE CREEK CROSSING, ON THE SOUTH EDGE OF SAN JOSE.

Detailed Location: POND IS LOCATED ON A HILL JUST NORTH OF THE GRAVEL PITS, ABOUT 1 MILE EAST OF SYLVANDALE SCHOOL.

Ecological: HABITAT CONSISTS OF AN ARTIFICIAL POND, FILLED WITH WATER FROM EVERGREEN CANAL, SURROUNDED BY GRAZED GRASSLAND/INTRODUCED TREES, ON A SERPENTINE HILL. 2007 AERIAL PHOTO SHOWS THAT THE AREA HAS BEEN COMPLETELY DEVELOPED.

General: 2 LARVAE COLLECTED (MRJ #1372) ON 19 APR 1998 AND DEPOSITED AT CAS (CAS #207145).

Owner/Manager: PVT

Occurrence No.	445	Map Index:	40553	EO Index:	35560	Element Last Seen:	2000-01-22
Occ. Rank:	None	Presence:	Extirpated	Site Last Seen:		2000-01-22	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2009-06-18	

Quad Summary: San Jose East (3712137)

County Summary: Santa Clara

Lat/Long:	37.29537 / -121.80453	Accuracy:	80 meters
UTM:	Zone-10 N4128309 E605957	Elevation (ft):	190
PLSS:	T07S, R01E, Sec. 25 (M)	Acres:	0.0

Location: 0.9 MILE SE OF THE CAPITAL EXPWY & HIGHWAY 101 INTERCHANGE, ~1 NNE OF HELLYER PARK SAN JOSE.

Detailed Location: GOOD ESTIVATION HABITAT BUT BREEDING POND RARELY PONDS AND HOLDS WATER THROUGH LARVAL DEVELOPMENT.

Ecological: HABITAT CONSISTS OF AN OLD STOCK POND IN GRAZED GRASSLANDS, AT THE BASE OF A LARGE HILL. 2007 AERIAL PHOTO SHOWS THAT THE SITE HAS BEEN COMPLETELY DEVELOPED.

General: DOZENS OF JUVENILES OBSERVED ON 14 JUN 1998. 14 OBSERVED, 10 ADULTS & 4 JUVENILES (1 SENT TO CAS), 1999. 1/22/2000: CAS #211677 (JAW-1228), SUBADULT.

Owner/Manager: PVT



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Occurrence No.	498	Map Index: 44129	EO Index: 44129	Element Last Seen:	1996-05-03
Occ. Rank:	None		Presence: Extirpated	Site Last Seen:	1996-08-02
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2009-06-18
Quad Summary:	San Jose East (3712137)				
County Summary:	Santa Clara				
Lat/Long:	37.30457 / -121.79089		Accuracy:	specific area	
UTM:	Zone-10 N4129345 E607153		Elevation (ft):	280	
PLSS:	T07S, R02E, Sec. 19 (M)		Acres:	8.9	
Location:	GREYSTONE HOMES SITE, JUST S OF TWIN FALLS COURT, 0.7 MILE S OF ABORN & WHITE RROADS, SILVER CREEK PORTION OF SAN JOSE.				
Detailed Location:	MAN MADE POND AND ADJACENT RUDERAL GRASSLAND.				
Ecological:	RUDERAL GRASSLAND, DOMINANT VEGETATION: AVENA FATUA, BROMUS DIANDRUS, EREMOCARPUS SETEGERUS, BRASSICA NIGRA. 2007 AERIAL PHOTO SHOWS THAT THE SITE HAS BEEN DEVELOPED.				
General:	LARVAE FOUND IN THE POND, 1996. CAS #203273 (MRJ-1156), LARVA.				
Owner/Manager:	PVT				
Occurrence No.	537	Map Index: 45817	EO Index: 45817	Element Last Seen:	1970-05-XX
Occ. Rank:	None		Presence: Extirpated	Site Last Seen:	2002-11-18
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2004-06-23
Quad Summary:	San Jose East (3712137)				
County Summary:	Santa Clara				
Lat/Long:	37.31411 / -121.79054		Accuracy:	1/5 mile	
UTM:	Zone-10 N4130404 E607170		Elevation (ft):	200	
PLSS:	T07S, R02E, Sec. 19 (M)		Acres:	0.0	
Location:	SE OF SAN JOSE. 0.5 MILES NW OF EVERGREEN.				
Detailed Location:	LOCATED ALONG ABORN ROAD, 1 MILE EAST OF INTERSECTION OF ABORN ROAD AND CAPITOL EXPRESSWAY.				
Ecological:	2002: AREA COMPLETELY DEVELOPED - PRIMARILY HOUSING TRACTS.				
General:	MAY 1970: CAS #187392, LARVA. SAN JOSE UNIVERSITY COLLECTION.				
Owner/Manager:	UNKNOWN				
Occurrence No.	538	Map Index: 45822	EO Index: 45822	Element Last Seen:	1981-11-XX
Occ. Rank:	None		Presence: Extirpated	Site Last Seen:	1981-11-XX
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2001-11-14
Quad Summary:	San Jose East (3712137)				
County Summary:	Santa Clara				
Lat/Long:	37.31044 / -121.84394		Accuracy:	nonspecific area	
UTM:	Zone-10 N4129938 E602443		Elevation (ft):	95	
PLSS:	T07S, R01E, Sec. 22 (M)		Acres:	13.1	
Location:	COYOTE CREEK NEAR TULLY ROAD. SE AREA OF SAN JOSE, 3.4 MILES DIRECTLY WEST OF EVERGREEN.				
Detailed Location:					
Ecological:					
General:	NOV 1981: CAS #187397, ADULT. JENNINGS CONSIDERS THIS SITE EXTIRPATED.				
Owner/Manager:	UNKNOWN				



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Occurrence No.	548	Map Index: 45868	EO Index: 45868	Element Last Seen:	1977-XX-XX
Occ. Rank:	None		Presence: Extirpated	Site Last Seen:	1977-XX-XX
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2009-06-18
Quad Summary:	San Jose East (3712137)				
County Summary:	Santa Clara				
Lat/Long:	37.30061 / -121.78607		Accuracy:	nonspecific area	
UTM:	Zone-10 N4128911 E607586		Elevation (ft):	350	
PLSS:	T07S, R02E, Sec. 29 (M)		Acres:	25.6	
Location:	SOUTH END OF CADWALLADER AVE. SE OF SAN JOSE, 0.5 MILES SSW OF EVERGREEN.				
Detailed Location:					
Ecological:	1977 RECORD GIVES BREEDING HABITAT AS A "CATTLE TANK." 2007 AERIAL PHOTO SHOWS THAT THIS AREA HAS BEEN COMPLETELY DEVELOPED.				
General:	NOV 1968: CAS #187390, ADULT; MAY 1971 CAS #187391, JUVENILE. 1968-1972 RECORDS FROM SAN JOSE UNIVERSITY COLLECTIONS. 1977 RECORD FROM M. JENNINGS FIELD NOTES.				
Owner/Manager:	UNKNOWN				
Occurrence No.	551	Map Index: 45893	EO Index: 45893	Element Last Seen:	1992-04-06
Occ. Rank:	None		Presence: Possibly Extirpated	Site Last Seen:	1992-04-06
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2009-05-29
Quad Summary:	San Jose East (3712137)				
County Summary:	Santa Clara				
Lat/Long:	37.29249 / -121.86557		Accuracy:	1/10 mile	
UTM:	Zone-10 N4127923 E600550		Elevation (ft):	175	
PLSS:	T07S, R01E, Sec. 28 (M)		Acres:	0.0	
Location:	SAN JOSE, 1.8 MILES NW OF THE INTERSECTION OF THE CAPITOL EXPRESSWAY AND HWY 82.				
Detailed Location:	SW SIDE OF RAILROAD TRACKS 1992. M. JENNINGS HAS GENERAL RECORDS FROM THE AREA BETWEEN CURTNER AVE, CAPITOL EXPWY & W MONTEREY HWY FROM 1980, 1981, 1983 & 1984.				
Ecological:	HABITAT CONSISTS OF A VERNAL POOL. 2007 AERIAL PHOTO SHOWS ONLY A REMNANT OPEN SPACE COMPLETELY SURROUNDED BY DEVELOPMENT.				
General:	CAS #197605, 1 LARVA COLLECTED BY M.R. JENNINGS.				
Owner/Manager:	UNKNOWN				
Occurrence No.	606	Map Index: 46406	EO Index: 46406	Element Last Seen:	1969-XX-XX
Occ. Rank:	None		Presence: Extirpated	Site Last Seen:	1969-XX-XX
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2001-11-06
Quad Summary:	San Jose East (3712137)				
County Summary:	Santa Clara				
Lat/Long:	37.31326 / -121.79625		Accuracy:	1/5 mile	
UTM:	Zone-10 N4130303 E606666		Elevation (ft):	200	
PLSS:	T07S, R02E, Sec. 19 (M)		Acres:	0.0	
Location:	NEAR THE JUNCTION OF ABORN ROAD AND KETTMANN AVENUE. SOUTHEAST OF SAN JOSE.				
Detailed Location:					
Ecological:	VERNAL POOLS.				
General:	UNKNOWN NUMBER COLLECTED SPRING 1969. SJSU SPECIMENS. JENNINGS CONSIDERS THIS SITE EXTIRPATED.				
Owner/Manager:	UNKNOWN				



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<i>Accipiter cooperii</i>		Element Code: ABNKC12040	
Cooper's hawk			
Listing Status:	Federal: None	CNDDDB Element Ranks:	Global: G5
	State: None		State: S4
	Other: CDFW_WL-Watch List, IUCN_LC-Least Concern		
Habitat:	General: WOODLAND, CHIEFLY OF OPEN, INTERRUPTED OR MARGINAL TYPE.		
	Micro: NEST SITES MAINLY IN RIPARIAN GROWTHS OF DECIDUOUS TREES, AS IN CANYON BOTTOMS ON RIVER FLOOD-PLAINS; ALSO, LIVE OAKS.		

Occurrence No.	85	Map Index: 51557	EO Index: 51557	Element Last Seen:	2003-06-13
Occ. Rank:	Fair		Presence: Presumed Extant	Site Last Seen:	2003-06-13
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2003-06-17
Quad Summary:	San Jose West (3712138)				
County Summary:	Santa Clara				
Lat/Long:	37.29633 / -121.92925		Accuracy:	nonspecific area	
UTM:	Zone-10 N4128283 E594901		Elevation (ft):	175	
PLSS:	T07S, R01W, Sec. 25 (M)		Acres:	38.4	
Location:	NE OF THE INTERSECTION OF BASCOM AVENUE AND HAMILTON AVENUE, SAN JOSE.				
Detailed Location:					
Ecological:	HABITAT CONSISTS OF A MIX OF ORNAMENTAL REDWOOD, PINE, AND BIRCH TREES IN A COMMERCIAL PARKING LOT; SURROUNDED BY A MIX OF COMMERCIAL AND RESIDENTIAL.				
General:	2 ADULTS OBSERVED NESTING ON 13 JUN 2003; AN UNKNOWN NUMBER OF JUVENILES PRESENT IN THE NEST.				
Owner/Manager:	UNKNOWN				



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<i>Buteo swainsoni</i>		Element Code: ABNKC19070	
Swainson's hawk			
Listing Status:	Federal: None	CNDDDB Element Ranks:	Global: G5
	State: Threatened		State: S3
	Other: BLM_S-Sensitive, IUCN_LC-Least Concern, USFWS_BCC-Birds of Conservation Concern		
Habitat:	General: BREEDS IN GRASSLANDS WITH SCATTERED TREES, JUNIPER-SAGE FLATS, RIPARIAN AREAS, SAVANNAHS, & AGRICULTURAL OR RANCH LANDS WITH GROVES OR LINES OF TREES.		
	Micro: REQUIRES ADJACENT SUITABLE FORAGING AREAS SUCH AS GRASSLANDS, OR ALFALFA OR GRAIN FIELDS SUPPORTING RODENT POPULATIONS.		
Occurrence No.	2570	Map Index: 28363	EO Index: 91540
Occ. Rank:	None	Presence: Possibly Extirpated	Element Last Seen: 1889-04-30
Occ. Type:	Natural/Native occurrence	Trend: Unknown	Site Last Seen: 1889-04-30
			Record Last Updated: 2013-10-22
Quad Summary:	San Jose West (3712138)		
County Summary:	Santa Clara		
Lat/Long:	37.34871 / -121.94696	Accuracy:	1 mile
UTM:	Zone-10 N4134077 E593267	Elevation (ft):	50
PLSS:	T07S, R01W, Sec. 02 (M)	Acres:	0.0
Location:	SANTA CLARA.		
Detailed Location:	SPECIMEN LOCALITY GIVEN AS "SANTA CLARA, CAL...IN 'FERGUSON'S SWAMP;" THE LATTER PLACE NAME UNKNOWN, SO MAPPED GENERALLY TO TOWN OF SANTA CLARA. EXACT COLLECTION LOCATION UNKNOWN.		
Ecological:	REFURBISHED STICK NEST LINED SPARSELY WITH LEAVES AND DRY GRASS FOUND 45' UP IN A SYCAMORE. THIS HISTORICAL OCCURRENCE IS OUTSIDE WHAT IS GENERALLY CONSIDERED TO BE THE PRESENT BREEDING RANGE OF THE SPECIES IN CALIFORNIA.		
General:	BIRD FLUSHED FROM NEST, 2 EGGS COLLECTED ON 30 APR 1889.		
Owner/Manager:	UNKNOWN		



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<i>Falco peregrinus anatum</i>		Element Code: ABNKD06071	
American peregrine falcon			
Listing Status:	Federal: Delisted	CNDDDB Element Ranks:	Global: G4T4
	State: Delisted		State: S3S4
	Other: CDF_S-Sensitive, CDFW_FP-Fully Protected, USFWS_BCC-Birds of Conservation Concern		
Habitat:	General: NEAR WETLANDS, LAKES, RIVERS, OR OTHER WATER; ON CLIFFS, BANKS, DUNES, MOUNDS; ALSO, HUMAN-MADE STRUCTURES.		
	Micro: NEST CONSISTS OF A SCRAPE OR A DEPRESSION OR LEDGE IN AN OPEN SITE.		

*** SENSITIVE ***

Occurrence No.	33	Map Index:	69305	EO Index:	70087	Element Last Seen:	2007-05-17
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:		2007-05-17	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2011-05-12	

Quad Summary: San Jose West (3712138)

County Summary: Santa Clara

Lat/Long:		Accuracy:	80 meters
UTM:		Elevation (ft):	85
PLSS:		Acres:	0.0

Location: *SENSITIVE* LOCATION INFORMATION SUPPRESSED.

Detailed Location: PLEASE CONTACT THE CALIFORNIA NATURAL DIVERSITY DATABASE, CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE, FOR MORE INFORMATION: (916) 322-2493

Ecological: HIGH RISE OFFICE BUILDING. THE SANTA CRUZ PREDATORY BIRD RESEARCH GROUP PROVIDED A NEST BOX IN 2006.

General:

Owner/Manager:

<i>Athene cucularia</i>		Element Code: ABNSB10010	
burrowing owl			
Listing Status:	Federal: None	CNDDDB Element Ranks:	Global: G4
	State: None		State: S3
	Other: BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, USFWS_BCC-Birds of Conservation Concern		
Habitat:	General: OPEN, DRY ANNUAL OR PERENNIAL GRASSLANDS, DESERTS & SCRUBLANDS CHARACTERIZED BY LOW-GROWING VEGETATION.		
	Micro: SUBTERRANEAN NESTER, DEPENDENT UPON BURROWING MAMMALS, MOST NOTABLY, THE CALIFORNIA GROUND SQUIRREL.		



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Occurrence No.	132	Map Index:	21008	EO Index:	9205	Element Last Seen:	1992-04-01
Occ. Rank:	Fair	Presence:	Presumed Extant	Site Last Seen:		1992-04-01	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2003-03-10	

Quad Summary: San Jose West (3712138), Milpitas (3712148)

County Summary: Santa Clara

Lat/Long:	37.37451 / -121.92095	Accuracy:	1/10 mile
UTM:	Zone-10 N4136965 E595538	Elevation (ft):	40
PLSS:	T06S, R01W, Sec. 25 (M)	Acres:	0.0

Location: NW OF THE JUNCTION OF KARINA COURT AND NORTH FIRST STREET, SAN JOSE.

Detailed Location:

Ecological: HABITAT CONSISTS OF FAIRLY OPEN UPLAND/RUDERAL, MADE UP PRIMARILY OF ANNUAL GRASSES. CHUNKS OF CONCRETE AT THE SITE SERVE AS PERCHES. MANY GROUND SQUIRRELS INHABIT THE SITE.

General: SITE APPEARS TO HAVE BEEN DISKED PRIOR TO 1992, BUT NO DISKING HAD TAKEN PLACE AS OF 12 APRIL 1992. TWO ADULT BIRDS OBSERVED.

Owner/Manager: PVT

Occurrence No.	184	Map Index:	24670	EO Index:	6556	Element Last Seen:	1993-08-28
Occ. Rank:	None	Presence:	Possibly Extirpated	Site Last Seen:		1993-08-28	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2009-12-22	

Quad Summary: San Jose West (3712138)

County Summary: Santa Clara

Lat/Long:	37.36948 / -121.92050	Accuracy:	80 meters
UTM:	Zone-10 N4136407 E595584	Elevation (ft):	45
PLSS:	T06S, R01W, Sec. 35 (M)	Acres:	0.0

Location: 0.2 MILE NE OF THE INTERSECTION OF AIRPORT PARKWAY AND GUADALUPE PARKWAY, EAST OF SAN JOSE MUNICIPAL AIRPORT.

Detailed Location: TWO BURROWS LOCATED ABOUT 10 FEET APART IN A MOWED, UNIRRIGATED STRIP BETWEEN PARKING LOTS OF AN OFFICE PARK.

Ecological: BURROW SITES ARE LOCATED IN A STRIP MEASURING 200 X 1000 FEET, WITH DAISY BUSHES AND EARTH BERMS AROUND THE EDGES THAT SERVE AS PERCHES. 2009 AERIAL PHOTO SHOWS THAT THE SITE HAS BEEN COMPLETELY DEVELOPED.

General: 4 ADULTS AND 2 JUVENILES OBSERVED IN TOTAL FOR BOTH BURROW SITES ON 28 AUGUST 1993. 9 OWLS (2 ADULTS, 7 JUVENILES) WERE BANDED BY BARCLAY IN 1993.

Owner/Manager: PVT



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Occurrence No.	211	Map Index: 25520	EO Index: 5644	Element Last Seen:	1993-03-10
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen:	1993-03-10
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	1994-08-05

Quad Summary: San Jose East (3712137)

County Summary: Santa Clara

Lat/Long:	37.29035 / -121.86212	Accuracy:	80 meters
UTM:	Zone-10 N4127689 E600859	Elevation (ft):	175
PLSS:	T07S, R01E, Sec. 28 (M)	Acres:	0.0

Location: 0.15 MILE SOUTH OF THE SPRR TRACKS, APPROX 1 MILE SOUTH OF THE INTERSECTION OF MONTEREY ROAD AND CURTNER ROAD, SAN JOSE.

Detailed Location:

Ecological: HABITAT CONSISTS OF ANNUAL GRASSLAND ON A NORTHEAST-FACING SLOPE.
General: ONE BURROW WITH OWL PELLETS AND WHITEWASH OBSERVED; NO OWLS SEEN.
Owner/Manager: PVT

Occurrence No.	341	Map Index: 42084	EO Index: 42084	Element Last Seen:	2009-07-08
Occ. Rank:	Excellent		Presence: Presumed Extant	Site Last Seen:	2009-07-08
Occ. Type:	Natural/Native occurrence		Trend: Stable	Record Last Updated:	2009-12-23

Quad Summary: San Jose West (3712138), Milpitas (3712148)

County Summary: Santa Clara

Lat/Long:	37.36360 / -121.92987	Accuracy:	nonspecific area
UTM:	Zone-10 N4135746 E594762	Elevation (ft):	56
PLSS:	T06S, R01W, Sec. 36 (M)	Acres:	868.1

Location: SAN JOSE INTERNATIONAL AIRPORT, SAN JOSE.

Detailed Location: SITE IS AN ON-GOING MONITORING/MGMT PROGRAM (SINCE 1990), W/ OWLS UTILIZING ARTIFICIAL & NATURAL BURROWS. SITES PRIMARILY AROUND PERIMETER OF RUNWAYS TO THE NORTHWEST & SOUTH; T06S R01W SEC 35 EAST, T07S R01W SEC 1 NE. OWLS COLOR BANDED.

Ecological: HABITAT CONSISTS OF MOWED HERBACEOUS VEGETATION BETWEEN THE RUNWAYS AND TAXIWAYS OF THE AIRPORT. AIRPORT IS SURROUNDED BY URBAN DEVELOPMENT.

General: YR:JUV/AD (RATIO). 90:19/28(0.7). 91:11/12(0.9). 97:68/30(2.3). 98:92/50(1.8). 99:101/48(2.1). 00:90/42(2.1). 01:129/62(2.1). 02:126/82(1.5). 03:70/57(1.2). 04:109/49(2.2). 05:87/47(1.9). 06:64/50(1.3). 08:38/16(2.4). 09:40/19(2.1).

Owner/Manager: CITY OF SAN JOSE



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Occurrence No.	354	Map Index:	42530	EO Index:	42530	Element Last Seen:	2000-03-02
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:		2000-03-02	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2000-03-13	

Quad Summary: San Jose East (3712137)

County Summary: Santa Clara

Lat/Long:	37.28055 / -121.78599	Accuracy:	80 meters
UTM:	Zone-10 N4126686 E607622	Elevation (ft):	800
PLSS:	T07S, R02E, Sec. 32 (M)	Acres:	0.0

Location: SILVER CREEK HILLS, BETWEEN SILVER CREEK AND COYOTE CREEK, SAN JOSE.

Detailed Location:

Ecological: BURROW IS LOCATED ON A SW-FACING SLOPE; SURROUNDED BY SERPENTINE GRASSLAND.

General: OWL OBSERVED ON THE GROUND NEAR A POSSIBLE BURROW SITE ON 2 MAR 2000.

Owner/Manager: PVT

Occurrence No.	395	Map Index:	44368	EO Index:	44368	Element Last Seen:	1990-10-24
Occ. Rank:	Fair	Presence:	Presumed Extant	Site Last Seen:		1990-10-24	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2000-11-21	

Quad Summary: Lick Observatory (3712136), San Jose East (3712137)

County Summary: Santa Clara

Lat/Long:	37.27278 / -121.74452	Accuracy:	1 mile
UTM:	Zone-10 N4125872 E611309	Elevation (ft):	800
PLSS:	T08S, R02E, Sec. 03 (M)	Acres:	0.0

Location: KRUZE PROPERTY, EVERGREEN NEAR SILVER CREEK ROAD AND SAN FELIPE ROAD, EAST SAN JOSE.

Detailed Location: 1 BURROW IN GRASSLAND.

Ecological: GRAZED GRASSLAND, SLOPE SOUTHWEST ASPECT, MID-SLOPE WITH RELATIVELY STEEP TOPOGRAPHY, GROUND SQUIRREL COLONY ON SLOPE.

General: PELLETS AND DROPPINGS OBSERVED NEAR BURROW ENTRANCE.

Owner/Manager: PVT



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Occurrence No.	401	Map Index: 45368	EO Index: 45368	Element Last Seen:	2002-04-18
Occ. Rank:	Poor		Presence: Presumed Extant	Site Last Seen:	2008-05-29
Occ. Type:	Natural/Native occurrence		Trend: Decreasing	Record Last Updated:	2009-09-02
Quad Summary:	San Jose East (3712137)				
County Summary:	Santa Clara				
Lat/Long:	37.33112 / -121.81428		Accuracy:	specific area	
UTM:	Zone-10 N4132264 E605043		Elevation (ft):	135	
PLSS:	T07S, R01E, Sec. 13 (M)		Acres:	6.6	
Location:	SE END OF REID-HILLVIEW AIRPORT, JUST WEST OF CAPITOL EXPY AT TULLY ROAD (SWIFT LANE ON TOPO), SAN JOSE.				
Detailed Location:	BURROW SITE IS LOCATED IN A BARE VACANT LOT, SURROUNDED BY A SMALL-AIRCRAFT AIRPORT, URBAN ROADS, SHOPPING CENTER (EASTRIDGE), AND A PUBLIC PARK (RAGING WATERS/LAKE CUNNINGHAM), AT THE NW CORNER OF A MAJOR INTERSECTION.				
Ecological:	HABITAT CONSISTS OF APPROXIMATELY 1 ACRE OF FLAT GROUND AROUND THE BURROW SITE, WHICH IS NEARLY DEVOID OF VEGETATION. SITE QUALITY = FAIR TO POOR.				
General:	2 ADULTS OBS, 19 JUN 1999. 2 AD/3 JUV OBS, 21 JUN 2000. 2 AD/3 JUV OBS, 1 JUL 2001. ON 18 APR 2002, 5 AD WERE OBS (2 PAIRS; 1 PREVIOUSLY BANDED IN 2001 AT SAN JOSE INT'L AIRPORT). NONE WERE OBS ON 29 MAY 2008.				
Owner/Manager:	CITY OF SAN JOSE				
Occurrence No.	428	Map Index: 46956	EO Index: 46956	Element Last Seen:	2001-07-01
Occ. Rank:	Poor		Presence: Presumed Extant	Site Last Seen:	2009-06-26
Occ. Type:	Natural/Native occurrence		Trend: Decreasing	Record Last Updated:	2009-12-23
Quad Summary:	San Jose West (3712138)				
County Summary:	Santa Clara				
Lat/Long:	37.37336 / -121.91451		Accuracy:	80 meters	
UTM:	Zone-10 N4136845 E596109		Elevation (ft):	40	
PLSS:	T06S, R01W, Sec. 36 (M)		Acres:	0.0	
Location:	SOUTH SIDE OF DEVCON COURT, NEAR N 1ST STREET & HWY 101, SAN JOSE.				
Detailed Location:	BURROWS LOCATED UNDER THE SIDEWALK ON THE SOUTH SIDE OF DEVCON COURT.				
Ecological:	HABITAT CONSISTS OF MIXED RUDERAL VEGETATION ON A FLAT, VACANT SITE (ABOUT 7 HECTARES) SURROUNDED BY BUSSINESS PARKS AND HIGH VOLUME ROADS. SITE QUALITY = FAIR TO POOR.				
General:	4 ADULTS & 4 JUVENILES OBSERVED USING 2 BURROWS DURING MONITORING FROM 17 APR - 4 SEP 2001. 2 OWLS FOUND DEAD IN JUL 2001, LIKELY KILLED BY FERAL ANIMALS. 2 ADULTS OBS 12 JUN 2008. NO OWLS OBS ON 5, 10, & 26 JUN 2009.				
Owner/Manager:	UNKNOWN				



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Occurrence No.	429	Map Index: 46972	EO Index: 46972	Element Last Seen:	2009-06-26
Occ. Rank:	Fair		Presence: Presumed Extant	Site Last Seen:	2009-06-26
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2009-12-29

Quad Summary: San Jose East (3712137)

County Summary: Santa Clara

Lat/Long:	37.31892 / -121.81387	Accuracy:	nonspecific area
UTM:	Zone-10 N4130912 E605096	Elevation (ft):	140
PLSS:	T07S, R01E, Sec. 13 (M)	Acres:	45.0

Location: JUST NORTH OF MEADOWFAIR PARK, 0.5 MILE NORTH OF THE INTERSECTION OF ABORN ROAD AND KING ROAD, SAN JOSE.

Detailed Location: BURROW LOCATED ON VACANT LAND NORTH OF MEADOWVIEW PARK (MAYBE PART OF PARK). SITE IS BOUNDED ON THE NORTH BY QUIMBY RD AND EASTRIDGE SHOPPING MALL, ON THE EAST BY CAPITOL EXPY, AND ON THE WEST AND SOUTH BY RESIDENTIAL DEVELOPMENT.

Ecological: HABITAT CONSISTS OF UNMOWED, MIXED HERBACEOUS VEGETATION ON A FLAT SITE; SURROUNDED BY AN URBAN PARK, A SCHOOL, AND RESIDENTIAL DEVELOPMENT. SITE QUALITY = GOOD TO FAIR.

General: 2 ADULT OWLS OBSERVED AT NEST SITE ON 3 VISITS IN JUL 2001. 10 ADULTS & 4 JUVENILES OBS ON 29 JUN 2004. 1 NESTING PAIR OBS 5 JUN - 8 JUL, & 1 JUV OBS 8 JUL 2008. 2 ADULTS & 3 JUVENILES (2.5 WKS OLD) OBS ON 26 JUN 2009.

Owner/Manager: PVT

Occurrence No.	724	Map Index: 58507	EO Index: 58543	Element Last Seen:	2004-07-15
Occ. Rank:	Poor		Presence: Presumed Extant	Site Last Seen:	2008-05-29
Occ. Type:	Natural/Native occurrence		Trend: Decreasing	Record Last Updated:	2009-12-23

Quad Summary: San Jose East (3712137)

County Summary: Santa Clara

Lat/Long:	37.33801 / -121.81523	Accuracy:	80 meters
UTM:	Zone-10 N4133028 E604949	Elevation (ft):	125
PLSS:	T07S, R01E, Sec. 12 (M)	Acres:	0.0

Location: SOUTH SIDE OF CUNNINGHAM AVENUE, JUST EAST OF EAST CAPITOL EXPRESSWAY, SAN JOSE.

Detailed Location: NW CORNER OF LAKE CUNNINGHAM PARK ALONG BERM. MAPPED TO PROVIDED MAP.

Ecological: HABITAT CONSISTS OF RUDERAL/NON-NATIVE GRASSLAND, ON A SLOPE ABOVE CUNNINGHAM AVENUE. SITE QUALITY = FAIR TO POOR.

General: 1 ADULT OBSERVED PERCHED NEAR BURROW AND ON BARBED WIRE FENCE SEVERAL DAYS IN JULY 2004 (5TH, & 13TH-15TH). NO OWLS WERE OBSERVED ON 29 MAY 2008.

Owner/Manager: SJ CITY-LAKE CUNNINGHAM PARK



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Occurrence No.	1034	Map Index:	71012	EO Index:	71930	Element Last Seen:	2007-12-06
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:		2007-12-06	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2008-06-26	
Quad Summary:	San Jose East (3712137)						
County Summary:	Santa Clara						
Lat/Long:	37.29383 / -121.86389		Accuracy:	80 meters			
UTM:	Zone-10 N4128073 E600697		Elevation (ft):	175			
PLSS:	T07S, R01E, Sec. 28 (M)		Acres:	0.0			
Location:	0.30 MI SW OF OAK HILL MEMORIAL PARK CEMETERY.						
Detailed Location:							
Ecological:	HABITAT IS A GRASSY HILLSIDE WITHOUT MUCH VEGETATION, NEXT TO A RECENTLY LANDSCAPED AREA. ACROSS RAILROAD TRACKS FROM SIGNIFICANTLY BETTER HABITAT.						
General:	1 ADULT BUOW WAS OBSERVED AT A BURROW ON 6 DEC 2007.						
Owner/Manager:	UNKNOWN						

<i>Myotis evotis</i>		Element Code: AMACC01070					
long-eared myotis							
Listing Status:	Federal: None	CNDDDB Element Ranks:		Global: G5			
	State: None			State: S3			
	Other: BLM_S-Sensitive, IUCN_LC-Least Concern, WBWG_M-Medium Priority						
Habitat:	General: FOUND IN ALL BRUSH, WOODLAND & FOREST HABITATS FROM SEA LEVEL TO ABOUT 9000 FT. PREFERS CONIFEROUS WOODLANDS & FORESTS.						
	Micro: NURSERY COLONIES IN BUILDINGS, CREVICES, SPACES UNDER BARK, & SNAGS. CAVES USED PRIMARILY AS NIGHT ROOSTS.						

Occurrence No.	108	Map Index:	78658	EO Index:	79614	Element Last Seen:	2007-08-14
Occ. Rank:	Fair	Presence:	Presumed Extant	Site Last Seen:		2007-08-14	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2010-04-26	
Quad Summary:	San Jose East (3712137)						
County Summary:	Santa Clara						
Lat/Long:	37.33325 / -121.76681		Accuracy:	80 meters			
UTM:	Zone-10 N4132555 E609245		Elevation (ft):	570			
PLSS:	T07S, R02E, Sec. 09 (M)		Acres:	0.0			
Location:	ALONG BISHOP PRICE WAY ABOUT 0.2 MILES NORTH OF INTERSECTION WITH QUIMBY ROAD, SAN JOSE.						
Detailed Location:	MAPPED TO PROVIDED CORRECTED COORDINATES.						
Ecological:	EDGE OF SUBURBAN DEVELOPMENT WITH ADJACENT GRASSLANDS IN GENTLY ROLLING HILLS. STRUCTURES STILL PRESENT IN 2009 AERIAL IMAGES, BUT RENOVATION STATUS UNKNOWN.						
General:	PRE-PROJECT SURVEY OF STRUCTURES ON 27 JUN 2008 REVEALED ONE ADULT FEMALE AND ONE YOUNG.						
Owner/Manager:	PVT						

<i>Lasiurus cinereus</i>		Element Code: AMACC05030					
hoary bat							
Listing Status:	Federal: None	CNDDDB Element Ranks:		Global: G5			
	State: None			State: S4			
	Other: IUCN_LC-Least Concern, WBWG_M-Medium Priority						
Habitat:	General: PREFERS OPEN HABITATS OR HABITAT MOSAICS, WITH ACCESS TO TREES FOR COVER & OPEN AREAS OR HABITAT EDGES FOR FEEDING.						



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

Occurrence No.	96	Map Index:	68531	EO Index:	68859	Element Last Seen:	1988-11-15
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:	1988-11-15	Record Last Updated:	2007-03-19
Occ. Type:	Natural/Native occurrence	Trend:	Unknown				
Quad Summary:	Los Gatos (3712128), San Jose West (3712138)						
County Summary:	Santa Clara						
Lat/Long:	37.24691 / -121.96088			Accuracy:	1 mile		
UTM:	Zone-10 N4122769 E592158			Elevation (ft):			
PLSS:	T08S, R01W, Sec. 10 (M)			Acres:	0.0		
Location:	LOS GATOS.						
Detailed Location:	MAPPED ACCORDING TO LAT/LONG COORDINATES PROVIDED BY MANIS, WITH UNCERTAINTY OF 3288.688 M.						
Ecological:							
General:	1 FEMALE SPECIMEN (MVZ #182427) COLLECTED BY WILLIAM E. RAINEY ON 15 NOV 1988.						
Owner/Manager:	UNKNOWN						

Occurrence No.	98	Map Index:	68532	EO Index:	68861	Element Last Seen:	1990-12-04
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:	1990-12-04	Record Last Updated:	2007-03-19
Occ. Type:	Natural/Native occurrence	Trend:	Unknown				
Quad Summary:	San Jose East (3712137), San Jose West (3712138)						
County Summary:	Santa Clara						
Lat/Long:	37.32404 / -121.89103			Accuracy:	1 mile		
UTM:	Zone-10 N4131397 E598252			Elevation (ft):			
PLSS:	T07S, R01E, Sec. 17 (M)			Acres:	0.0		
Location:	SAN JOSE.						
Detailed Location:	MAPPED ACCORDING TO LAT/LONG COORDINATES PROVIDED BY MANIS, WITH UNCERTAINTY OF 16093.44 M.						
Ecological:							
General:	1 FEMALE SPECIMEN (MVZ #182428) COLLECTED BY WILLIAM E. RAINEY ON 4 DEC 1990.						
Owner/Manager:	UNKNOWN						

Occurrence No.	99	Map Index:	28363	EO Index:	68862	Element Last Seen:	1893-05-01
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:	1893-05-01	Record Last Updated:	2007-03-19
Occ. Type:	Natural/Native occurrence	Trend:	Unknown				
Quad Summary:	San Jose West (3712138)						
County Summary:	Santa Clara						
Lat/Long:	37.34871 / -121.94696			Accuracy:	1 mile		
UTM:	Zone-10 N4134077 E593267			Elevation (ft):			
PLSS:	T07S, R01W, Sec. 02 (M)			Acres:	0.0		
Location:	SANTA CLARA.						
Detailed Location:	EXACT LOCATION UNKNOWN. MAPPED AS BEST ESTIMATE CENTERED ON SANTA CLARA.						
Ecological:							
General:	LACM #1373 COLLECTED BY J.M. HYDE ON 1 MAY 1893.						
Owner/Manager:	UNKNOWN						



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**Corynorhinus townsendii**

Element Code: AMACC08010

Townsend's big-eared bat

Listing Status: **Federal:** None **CNDDDB Element Ranks:** **Global:** G3G4
State: Candidate Threatened **State:** S2
Other: BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, USFS_S-Sensitive, WBWG_H-High Priority
Habitat: **General:** THROUGHOUT CALIFORNIA IN A WIDE VARIETY OF HABITATS. MOST COMMON IN MESIC SITES.
Micro: ROOSTS IN THE OPEN, HANGING FROM WALLS & CEILINGS. ROOSTING SITES LIMITING. EXTREMELY SENSITIVE TO HUMAN DISTURBANCE.

Occurrence No. 417 **Map Index:** 92372 **EO Index:** 93482 **Element Last Seen:** 1933-08-02
Occ. Rank: Unknown **Presence:** Presumed Extant **Site Last Seen:** 1933-08-02
Occ. Type: Natural/Native occurrence **Trend:** Unknown **Record Last Updated:** 2014-05-13

Quad Summary: San Jose East (3712137)**County Summary:** Santa Clara

Lat/Long: 37.31146 / -121.78377 **Accuracy:** 1 mile
UTM: Zone-10 N4130117 E607774 **Elevation (ft):** 240
PLSS: T07S, R02E, Sec. 20 (M) **Acres:** 0.0

Location: EVERGREEN, ABOUT 2.4 MI WNW OF KUHN 624 DAM, EAST SAN JOSE.**Detailed Location:** EXACT LOCATION UNKNOWN. MAPPED GENERALLY TO LOCALITY OF "OLD TOWN HALL, EVERGREEN."**Ecological:****General:** 3 SPECIMENS COLLECTED ON 2 AUG 1933 BY L. WILSON (MVZ #71919, 71620, 71744).**Owner/Manager:** UNKNOWN

Occurrence No. 418 **Map Index:** 66585 **EO Index:** 93484 **Element Last Seen:** 1943-04-24
Occ. Rank: Unknown **Presence:** Presumed Extant **Site Last Seen:** 1943-04-24
Occ. Type: Natural/Native occurrence **Trend:** Unknown **Record Last Updated:** 2014-05-13

Quad Summary: San Jose West (3712138)**County Summary:** Santa Clara

Lat/Long: 37.33910 / -121.89534 **Accuracy:** 1 mile
UTM: Zone-10 N4133063 E597851 **Elevation (ft):** 90
PLSS: T07S, R01E, Sec. 08 (M) **Acres:** 0.0

Location: SAN JOSE.**Detailed Location:** EXACT LOCATION UNKNOWN. MAPPED IN THE GENERAL VICINITY OF SAN JOSE.**Ecological:****General:** 1935: 1 FEMALE 10 MAY (UBCBBM #M000069), 4 FEMALES & 1 MALE 13 MAY (MVZ #M000067, M000068, M017230, M017231, UBCBBM #M00069, M017229). 1942: 1 FEMALE 22 MAR (LACM #8920). 1943: 5 COLLECTED 24 APR (UAM #3447, LACM #69485-69487,69525).**Owner/Manager:** UNKNOWN



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<i>Antrozous pallidus</i>		Element Code: AMACC10010	
pallid bat			
Listing Status:	Federal: None	CNDDDB Element Ranks:	Global: G5
	State: None		State: S3
Other:	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, USFS_S-Sensitive, WBWG_H-High Priority		
Habitat:	General: DESERTS, GRASSLANDS, SHRUBLANDS, WOODLANDS & FORESTS. MOST COMMON IN OPEN, DRY HABITATS WITH ROCKY AREAS FOR ROOSTING.		
	Micro: ROOSTS MUST PROTECT BATS FROM HIGH TEMPERATURES. VERY SENSITIVE TO DISTURBANCE OF ROOSTING SITES.		

Occurrence No.	255	Map Index: 66585	EO Index: 66722	Element Last Seen: 1943-04-24
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen: 1943-04-24
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2006-10-04

Quad Summary:	San Jose West (3712138)			
County Summary:	Santa Clara			
Lat/Long:	37.33910 / -121.89534	Accuracy:	1 mile	
UTM:	Zone-10 N4133063 E597851	Elevation (ft):	90	
PLSS:	T07S, R01E, Sec. 08 (M)	Acres:	0.0	

Location:	SAN JOSE.			
Detailed Location:	EXACT LOCATION UNKNOWN. MAPPED IN THE GENERAL VICINITY OF SAN JOSE.			
Ecological:	General: 5 FEMALES COLLECTED BY STAGER 14 & 23 APR 1942, LACM #8922-8926. 5 MALES & 5 FEMALES COLLECTED 14 APR, 6, 13, 20 & 26 MAY 1942, LACM #69449, 11659-11667, 3 MALE, 1 FEMALE & 1 UNK. COLLECTED 24 APR 1943, LACM #69528-69531, BY CONSTANTINE.			
Owner/Manager:	UNKNOWN			

Occurrence No.	421	Map Index: 78658	EO Index: 79603	Element Last Seen: 2007-08-14
Occ. Rank:	Fair		Presence: Presumed Extant	Site Last Seen: 2007-08-14
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2010-04-26

Quad Summary:	San Jose East (3712137)			
County Summary:	Santa Clara			
Lat/Long:	37.33325 / -121.76681	Accuracy:	80 meters	
UTM:	Zone-10 N4132555 E609245	Elevation (ft):	570	
PLSS:	T07S, R02E, Sec. 09 (M)	Acres:	0.0	

Location:	ALONG BISHOP PRICE WAY ABOUT 0.2 MILES NORTH OF INTERSECTION WITH QUIMBY ROAD, SAN JOSE.			
Detailed Location:	MAPPED TO PROVIDED CORRECTED COORDINATES.			
Ecological:	General: PRE-PROJECT SURVEY OF BARN ON 27 JUN 2008 REVEALED PALLID BAT FECAL, URINE, & PREY ITEM REMAINS IDENTIFIED BY AN EXPERT BAT BIOLOGIST. BASED ON THE REALLY LARGE PILES OF QUANO, THIS ROOST HAD BEEN USED FOR MANY, MANY YEARS.			
Owner/Manager:	PVT			

<i>Emys marmorata</i>		Element Code: ARAAD02030	
western pond turtle			
Listing Status:	Federal: None	CNDDDB Element Ranks:	Global: G3G4
	State: None		State: S3
Other:	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_VU-Vulnerable, USFS_S-Sensitive		



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Habitat:	General:	A THOROUGHLY AQUATIC TURTLE OF PONDS, MARSHES, RIVERS, STREAMS & IRRIGATION DITCHES, USUALLY WITH AQUATIC VEGETATION, BELOW 6000 FT ELEVATION.		
	Micro:	NEED BASKING SITES AND SUITABLE (SANDY BANKS OR GRASSY OPEN FIELDS) UPLAND HABITAT UP TO 0.5 KM FROM WATER FOR EGG-LAYING.		

Occurrence No.	176	Map Index:	44338	EO Index:	44338	Element Last Seen:	1998-03-25
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:	1998-03-25	Record Last Updated:	2000-11-16
Occ. Type:	Natural/Native occurrence	Trend:	Unknown				

Quad Summary: San Jose East (3712137)
County Summary: Santa Clara

Lat/Long:	37.36513 / -121.85482	Accuracy:	nonspecific area
UTM:	Zone-10 N4135994 E601406	Elevation (ft):	100
PLSS:	T06S, R01E, Sec. 34 (M)	Acres:	19.2

Location: OVERFELT PERCOLATION PONDS, OVERFELT GARDENS, CORNER OF MCGEE RD & EDUCATIONAL PARK DR, 0.5 MILE SW OF I-680, SAN JOSE.
Detailed Location: MAPPED ALL THE PONDS SINCE THE FORM IDENTIFIED THE PONDS AS "1, 2, 3" AND THE MAP LABELED THE PONDS AS "A, B, C".
Ecological: PERCOLATION PONDS.
General: 2 OBSERVED IN POND 3, 1998.
Owner/Manager: SCL COUNTY

Occurrence No.	189	Map Index:	46405	EO Index:	46405	Element Last Seen:	2001-09-06
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:	2001-09-06	Record Last Updated:	2001-11-06
Occ. Type:	Natural/Native occurrence	Trend:	Unknown				

Quad Summary: San Jose East (3712137)
County Summary: Santa Clara

Lat/Long:	37.28319 / -121.81430	Accuracy:	80 meters
UTM:	Zone-10 N4126947 E605108	Elevation (ft):	175
PLSS:	T07S, R01E, Sec. 36 (M)	Acres:	0.0

Location: COYOTE CREEK, JUST SOUTH OF HELLYER AVENUE, HELLYER COUNTY PARK.
Detailed Location:
Ecological: HABITAT CONSISTS OF DEEP, SLOW-MOVING, ALGAE-FILLED WATER, WITH DEAD WOOD PILES SCATTERED ALONG ITS LENGTH; SURROUNDED BY DENSE TO SPRAWLING RIPARIAN.
General: 2 ADULTS OBSERVED ON 6 SEP 2001.
Owner/Manager: SCL COUNTY-HELLYER PARK



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Occurrence No.:	301	Map Index:	62431	EO Index:	62468	Element Last Seen:	1997-03-11
Occ. Rank:	Fair	Presence:	Presumed Extant	Site Last Seen:		1997-03-11	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2005-08-30	

Quad Summary: San Jose West (3712138)

County Summary: Santa Clara

Lat/Long:	37.26934 / -121.87861	Accuracy:	specific area
UTM:	Zone-10 N4125341 E599425	Elevation (ft):	160
PLSS:	T08S, R01E, Sec. 05 (M)	Acres:	23.1

Location: GUADALUPE RIVER, VICINITY OF ALMADEN EXPRESSWAY UPSTREAM TO THE BRANHAM LANE CROSSING, SAN JOSE.

Detailed Location:

Ecological: HABITAT CONSISTS OF AN URBAN STREAM WITH ENGINEERED BANKS IN SOME REACHES; DOMINATED BY STREAMSIDE RIPARIAN, EMERGENT VEGETATION, AND RUDERAL VEGETATION.

General: 3 ADULTS OBSERVED DURING SALMON REDD SURVEYS ON 11 MAR 1997.

Owner/Manager: PVT-SANTA CLARA VALLEY WD

Bombus caliginosus **Element Code:** IIHYM24380
 obscure bumble bee

Listing Status:	Federal: None	CNDDB Element Ranks:	Global: G4?
	State: None		State: S1S2
	Other: IUCN_VU-Vulnerable		

Habitat: **General:** COASTAL AREAS FROM SANTA BARABARA COUNTY TO NORTH TO WASHINGTON STATE.
Micro: FOOD PLANT GENERA INCLUDE BACCHARIS, CIRSIUM, LUPINUS, LOTUS, GRINDELIA AND PHACELIA.

Occurrence No.:	133	Map Index:	37885	EO Index:	97970	Element Last Seen:	1954-04-12
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:		1954-04-12	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2015-07-15	

Quad Summary: San Jose East (3712137), San Jose West (3712138), Calaveras Reservoir (3712147), Milpitas (3712148)

County Summary: Santa Clara

Lat/Long:	37.33789 / -121.89131	Accuracy:	5 miles
UTM:	Zone-10 N4132933 E598210	Elevation (ft):	100
PLSS:	T07S, R01E, Sec. 08 (M)	Acres:	0.0

Location: SAN JOSE.

Detailed Location: EXACT LOCATION UNKNOWN. MAPPED BY CNDDB IN GENERAL VICINITY OF SAN JOSE.

Ecological:

General: COLLECTED 12 APR 1954.

Owner/Manager: UNKNOWN



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

Occurrence No.	23	Map Index:	37885	EO Index:	98636	Element Last Seen:	1903-04-15
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:		1903-04-15	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2015-10-15	

Quad Summary: San Jose East (3712137), San Jose West (3712138), Calaveras Reservoir (3712147), Milpitas (3712148)
County Summary: Santa Clara

Lat/Long:	37.33789 / -121.89131	Accuracy:	5 miles
UTM:	Zone-10 N4132933 E598210	Elevation (ft):	100
PLSS:	T07S, R01E, Sec. 08 (M)	Acres:	0.0

Location: SAN JOSE.
Detailed Location: EXACT LOCATION UNKNOWN. MAPPED BY CNDDDB IN THE GENERAL VICINITY OF SAN JOSE.
Ecological:
General: COLLECTIONS WERE MADE IN THIS VICINITY ON 28 MAR 1896, 2 APR 1903, AND 15 APR 1903.
Owner/Manager: UNKNOWN



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Adela oplerella		Element Code: IILEE0G040	
Opler's longhorn moth			
Listing Status:	Federal: None	CNDDDB Element Ranks:	Global: G2
	State: None		State: S2
	Other:		
Habitat:	General:	FROM MARIN CO & THE OAKLAND AREA ON THE INNER COAST RANGES SOUTH TO SANTA CLARA CO. ONE RECORD FROM SANTA CRUZ CO.	
	Micro:	ALL BUT SANTA CRUZ SITE IS ON SERPENTINE GRASSLAND. LARVAE FEED ON PLATYSTEMON CALIFORNICUS.	
Occurrence No.	6	Map Index:	42583
Occ. Rank:	Good	EO Index:	42583
Occ. Type:	Natural/Native occurrence	Presence:	Presumed Extant
		Trend:	Unknown
Quad Summary:	San Jose East (3712137)		
County Summary:	Santa Clara		
Lat/Long:	37.27968 / -121.78700	Accuracy:	80 meters
UTM:	Zone-10 N4126588 E607533	Elevation (ft):	500
PLSS:	T07S, R02E, Sec. 32 (M)	Acres:	0.0
Location:	"SILVER CREEK HILLS" SITE, IN UPPER HELLYER CANYON, BETWEEN SILVER CREEK AND HIGHWAY 101, SE EDGE OF SAN JOSE.		
Detailed Location:			
Ecological:	HABITAT CONSISTS OF GRAZED SERPENTINE GRASSLAND. SITE IS SURROUNDED BY A BUTTERFLY PRESERVE, HOUSING DEVELOPMENT, AND A GOLF COURSE. ENCROACHING DEVELOPMENT VISIBLE IN AIR PHOTOS FROM 1998 - 2010, BUT SPECIFIC SITE UNDEVELOPED.		
General:	PARATYPES: 2 MALES COLLECTED 12 APR & 6 FEMALES COLLECTED 20 APR 1962 ON PLATYSTEMON CALIFORNICUS. ACTIVE SITE 1990 TO 1995 AND 1997 TO 1999. NO INFORMATION FOR 1996.		
Owner/Manager:	PVT		



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<i>Euphydryas editha bayensis</i>		Element Code: IILEPK4055	
Bay checkerspot butterfly			
Listing Status:	Federal: Threatened	CNDDDB Element Ranks:	Global: G5T1
	State: None		State: S1
	Other: XERCES_CI-Critically Imperiled		
Habitat:	General: RESTRICTED TO NATIVE GRASSLANDS ON OUTCROPS OF SERPENTINE SOIL IN THE VICINITY OF SAN FRANCISCO BAY.		
	Micro: PLANTAGO ERECTA IS THE PRIMARY HOST PLANT; ORTHOCARPUS DENSIFLORUS & O. PURPURSCENS ARE THE SECONDARY HOST PLANTS.		

Occurrence No.	13	Map Index: 38615	EO Index: 33622	Element Last Seen: 1999-04-30
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen: 1999-04-30
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2011-02-22
Quad Summary:	San Jose East (3712137)			
County Summary:	Santa Clara			
Lat/Long:	37.28802 / -121.79364		Accuracy:	nonspecific area
UTM:	Zone-10 N4127506 E606933		Elevation (ft):	500
PLSS:	T07S, R02E, Sec. 31 (M)		Acres:	795.4
Location:	"SILVER CREEK HILLS" SITE, BETWEEN SILVER CREEK AND HWY 101, SE EDGE OF SAN JOSE.			
Detailed Location:	POPULATION THOUGHT EXTIRPATED IN 1977 DUE TO GRAZING AND SEVERE DROUGHT.			
Ecological:	HABITAT CONSISTS OF SERPENTINE GRASSLAND, WITH ROCK OUTCROPS AND SOME SEEPS. HABITAT QUALITY VARIES FROM GOOD TO SEVERELY DEGRADED. OTHER RARE TAXA THAT OCCUR HERE INCLUDE ADELA OPLERELLA, DUDLEYA SETCHELLII, AND CIRSIUM CAMPYLON.			
General:	2 COLL IN 1968, & 6 IN 1973. ADULTS IN THE LOW 10K'S IN 1993. 22,500 ADULTS IN 1994. 950 LARVAE IN 1995. 3 ADULTS BETWEEN 18 FEB-MAY 1997 (10+ VISITS). 0 ADULTS IN 1998. 5 ADULTS IN 1999. SITE PARTLY DEVELOPED AFTER 2000 (AERIALS).			
Owner/Manager:	PVT			



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<i>Microcina homi</i>		Element Code: ILARA47020	
Hom's micro-blind harvestman			
Listing Status:	Federal: None	CNDDDB Element Ranks:	Global: G1
	State: None		State: S1
	Other:		
Habitat:	General: KNOWN ONLY FROM SANTA CLARA COUNTY IN XERIC HABITATS.		
	Micro: KNOWN ONLY FROM SERPENTINE ROCKS IN GRASSLAND HABITATS.		
Occurrence No.	3	Map Index: 58583	EO Index: 58619
Occ. Rank:	Unknown	Presence: Presumed Extant	Element Last Seen: 1966-02-27
Occ. Type:	Natural/Native occurrence	Trend: Unknown	Site Last Seen: 1966-02-27
			Record Last Updated: 2004-12-14
Quad Summary:	San Jose East (3712137)		
County Summary:	Santa Clara		
Lat/Long:	37.27354 / -121.76090	Accuracy:	nonspecific area
UTM:	Zone-10 N4125938 E609855	Elevation (ft):	460
PLSS:	T08S, R02E, Sec. 04 (M)	Acres:	27.7
Location:	SAN JOSE, WEST SIDE OF SILVER CREEK RD, 5 MILES SE OF TULLY ROAD.		
Detailed Location:	7 MALES & 3 FEMALES COLLECTED FROM MARSHY SLOPE ON WEST SIDE OF SILVER CREEK RD. LOCATION GIVEN AS "5 MILES SW OF TULLY" MAY BE FROM THIS LOCALITY W/ ERRONEOUS LABEL DATA OR TYPO IN ARTICLE.		
Ecological:			
General:	2 MALE, 12 FEMALE PARATYPES COLLECTED BY BRIGGS & HOM, DEPOSITED IN CAS. FOUND WITH SITALCINA SERPENTINEA UNDER THE SAME ROCKS. THIS POPULATION WAS ORIGINALLY CONSIDERED TO BE CALICINA MINOR.		
Owner/Manager:	UNKNOWN		



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<i>Balsamorhiza macrolepis</i>		Element Code: PDAST11061	
big-scale balsamroot			
Listing Status:	Federal: None	CNDDDB Element Ranks:	Global: G2
	State: None		State: S2
	Other: Rare Plant Rank - 1B.2, BLM_S-Sensitive, USFS_S-Sensitive		
Habitat:	General: CHAPARRAL, VALLEY AND FOOTHILL GRASSLAND, CISMONTANE WOODLAND.		
	Micro: SOMETIMES ON SERPENTINE. 90-1555 M.		

Occurrence No.	21	Map Index:	53396	EO Index:	53396	Element Last Seen:	2010-04-19
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:		2010-04-19	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2013-08-13	

Quad Summary: San Jose East (3712137)
County Summary: Santa Clara

Lat/Long:	37.29408 / -121.80666	Accuracy:	80 meters
UTM:	Zone-10 N4128164 E605769	Elevation (ft):	300
PLSS:	T07S, R01E, Sec. 25 (M)	Acres:	0.0

Location: EAST OF COYOTE CREEK. 0.85 MILE SE OF THE CAPITAL EXPRESSWAY & HIGHWAY 101 INTERCHANGE, SAN JOSE.
Detailed Location: ABOUT 0.3 MILE NNW OF RADIO TOWER, ON HILL SOUTH OF SILVER CREEK JUST EAST OF HIGHWAY 101.
Ecological: GROWING IN NON-NATIVE GRASSLAND OVER SERPENTINE SUBSTRATE, ON NORTHWEST FACING 50% SLOPE. ASSOCIATES INCLUDE PHACELIA SPP., ESCHSCHOLZIA CALIFORNICA, SCROPHULARIA CALIFORNICA, AND TRITELEIA LAXA IN ADDITION TO AVENA SPP. AND BROMUS SPP.
General: 5 PLANTS SEEN IN 1999. GRADING AND DEVELOPMENT NEARBY IN 2001, THOUGH AREA IN IMMEDIATE VICINITY OF GIVEN COORDINATES APPEARS UNTOUCHED ACCORDING TO AERIAL PHOTOGRAPHY. 2010 AKULOVA PHOTO FROM "SE OF SAN JOSE" IS ALSO ATTRIBUTED HERE.
Owner/Manager: PVT

<i>Cirsium fontinale var. campylon</i>		Element Code: PDAST2E163	
Mt. Hamilton fountain thistle			
Listing Status:	Federal: None	CNDDDB Element Ranks:	Global: G2T2
	State: None		State: S2
	Other: Rare Plant Rank - 1B.2, BLM_S-Sensitive		
Habitat:	General: CISMONTANE WOODLAND, CHAPARRAL, VALLEY AND FOOTHILL GRASSLAND.		
	Micro: IN SEASONAL AND PERENNIAL DRAINAGES ON SERPENTINE. 100-890 M.		



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Occurrence No.	22	Map Index:	10525	EO Index:	9145	Element Last Seen:	2007-07-19
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:		2007-07-19	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2014-06-23	

Quad Summary: San Jose East (3712137)

County Summary: Santa Clara

Lat/Long:	37.28262 / -121.79760	Accuracy:	specific area
UTM:	Zone-10 N4126903 E606589	Elevation (ft):	480
PLSS:	T07S, R02E, Sec. 31 (M)	Acres:	31.0

Location: HELLYER CANYON, EAST SIDE OF HIGHWAY 101; SOUTH OF SAN JOSE. ABOUT 2.0 MILES NE OF EDENVALE.

Detailed Location: 2 POLYGONS. MOST PLANTS IN CANYON; SMALL CLUMP OF ~130 PLANTS 1/4 MI SOUTH, NE OF IRRIGATION PUMPING STATION IN 1988. SEED WAS SPREAD AND PLANTS TRANSPLANTED FROM OCC #44 IN PORTIONS OF UNOCCUPIED SUITABLE HABITAT DURING MITIGATION EFFORTS.

Ecological: ON GRASSY HILLSIDE & IN SPRING-FED DRAINAGES ON SERPENTINE ALLUVIUM. WITH SCIRPUS SP, COTULA CORONOPIFOLIA, MIMULUS GUTTATUS, JUNCUS SPP, POLYPOGON MONSPELIENSIS. NEAR OTHER RARE PLANTS: DUDLEYA SETCHELLII, S. ALBIDUS ALBIDUS, F. LILIACEA.

General: >15,000 PLANTS SEEN IN 1988, >18,000 IN 1992, 22,420 PLANTS AT THIS SITE AND OCC #44 IN 1993. SEEN IN 1997 & 1999. 1700 PLANTS IN 1998, 3800 IN 2001, 3500 IN 2002, 1406 IN 2003, 3568 IN 2004, 1616 IN 2005, 2373 IN 2006, 3060 IN 2007.

Owner/Manager: CITY OF SAN JOSE

Occurrence No.	43	Map Index:	31114	EO Index:	3357	Element Last Seen:	1993-06-02
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:		1993-06-02	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		1995-05-03	

Quad Summary: San Jose East (3712137)

County Summary: Santa Clara

Lat/Long:	37.27090 / -121.75670	Accuracy:	specific area
UTM:	Zone-10 N4125649 E610232	Elevation (ft):	550
PLSS:	T08S, R02E, Sec. 04 (M)	Acres:	19.4

Location: SILVER CREEK VILLAGE, WETLAND MITIGATION SITE ADJACENT TO GOLF COURSE.

Detailed Location: PLANTS NEAR HOLE NUMBER 14 (NAMED "WETLANDS").

Ecological: WETLAND AREA WITH MIMULUS, POLYPOGON MONSPELIENSIS, RUMEX CRISPUS.

General: 6 PLANTS IN 1993. SITE WAS GRADED IN 1990; THIS SITE APPARENTLY SET ASIDE AND PROTECTED(?). WHAT ARE EFFECTS OF NEARBY DEVELOPMENT?

Owner/Manager: PVT



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Occurrence No.	44	Map Index: 31113	EO Index: 3358	Element Last Seen:	2007-07-19
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen:	2007-07-19
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2014-06-25

Quad Summary: San Jose East (3712137)

County Summary: Santa Clara

Lat/Long:	37.29244 / -121.78891	Accuracy:	specific area
UTM:	Zone-10 N4128002 E607345	Elevation (ft):	350
PLSS:	T07S, R02E, Sec. 30 (M)	Acres:	19.0

Location: WEST SIDE OF SILVER CREEK, APPROXIMATELY 1.9-2.4 MILES NNW OF NEW NORTH ALMADEN MINE.

Detailed Location: SEVERAL CLUMPS OF PLANTS; MAPPED AS 3 POLYGONS. DURING MITIGATION EFFORTS, 988 PLANTS WERE TRANSPLANTED FROM THIS SITE TO UNOCCUPIED PORTIONS OF OCCS #22 & #59 IN 1999. IN 2005, SEED WAS SPREAD IN PORTIONS OF UNOCCUPIED SUITABLE HABITAT.

Ecological: ON BANKS AND IN SWALES ALONG CREEK; IN SEEPS AND OPENINGS IN COAST LIVE OAK FOREST. WITH UMBELLULARIA CAL, SAMBUCUS MEXICANA, RUBUS, & NON-NATIVE GRASSES. MONTARA ROCKY CLAY LOAM (SERPENTINE BEDROCK) SOILS. OTHER RARE PLANTS MAPPED NEARBY.

General: TOTAL OF ~4500 PLANTS IN 1992, 22,420 PLANTS AT THIS SITE AND OCC #22 IN 1993. SEEN IN AREA IN 1995, 1997, AND 1999. 1300 PLANTS IN 1998, 660 IN 2001, 500 IN 2002, 1007 IN 2003, 1502 IN 2004, 1450 IN 2005, 1745 IN 2006, AND 2526 IN 2007.

Owner/Manager: CITY OF SAN JOSE

Occurrence No.	59	Map Index: 92863	EO Index: 94017	Element Last Seen:	2007-07-19
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen:	2007-07-19
Occ. Type:	Introduced Back into Native Hab./Range		Trend: Unknown	Record Last Updated:	2014-06-24

Quad Summary: San Jose East (3712137)

County Summary: Santa Clara

Lat/Long:	37.29205 / -121.80471	Accuracy:	specific area
UTM:	Zone-10 N4127941 E605945	Elevation (ft):	250
PLSS:	T07S, R01E, Sec. 25 (M)	Acres:	3.0

Location: NORTHERN TRIBUTARY OF SILVER CREEK, ~0.2 AIR MILE NE OF RADIO TOWER.

Detailed Location: MAPPED BASED ON MAP DETAIL PROVIDED BY WRA ENVIRONMENTAL CONSULTANTS, IN THE NE 1/4 OF THE SE 1/4 OF SECTION 25. THIS SITE WAS PREVIOUSLY UNOCCUPIED, SUITABLE HABITAT FOR THIS SPECIES; PLANTS HERE ARE TRANSPLANTS & PLANTED FROM SEED.

Ecological:

General: PLANTS WERE TRANSPLANTED HERE IN 1999 FROM SILVER CREEK (EO #44) IMPACT AREAS; ONLY A FEW SURVIVED. 29 PLANTS IN 2001, 22 IN 2002, 3 IN 2003, 20 IN 2004. SEED WAS SPREAD IN 2005; 30 PLANTS IN 2005, 42 PLANTS IN 2006, 37 PLANTS IN 2007.

Owner/Manager: CITY OF SAN JOSE



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Centromadia parryi ssp. congdonii

Element Code: PDAST4R0P1

Congdon's tarplant

Listing Status:	Federal: None	CNDDB Element Ranks:	Global: G3T2
	State: None		State: S2
	Other: Rare Plant Rank - 1B.1, BLM_S-Sensitive, SB_RSABG-Rancho Santa Ana Botanic Garden		
Habitat:	General: VALLEY AND FOOTHILL GRASSLAND.		
	Micro: ALKALINE SOILS, SOMETIMES DESCRIBED AS HEAVY WHITE CLAY. 0-230 M.		

Occurrence No.	40	Map Index:	42346	EO Index:	42346	Element Last Seen:	1908-09-19
Occ. Rank:	None	Presence:	Extirpated	Site Last Seen:		1998-10-04	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2000-02-07	

Quad Summary: Santa Teresa Hills (3712127), Los Gatos (3712128), San Jose East (3712137), San Jose West (3712138), Calaveras Reservoir (3712147), Milpitas (3712148)

County Summary: Santa Clara

Lat/Long:	37.31441 / -121.86207	Accuracy:	5 miles
UTM:	Zone-10 N4130359 E600832	Elevation (ft):	100
PLSS:	T07S, R01E, Sec. 21 (M)	Acres:	0.0

Location: EAST SAN JOSE.

Detailed Location: EXACT LOCATION NOT KNOWN. MAPPED IN GENERAL AREA OF EASTERN SAN JOSE. TOPOGRAPHY AND SOILS OF AREA AROUND ALUM ROCK AVENUE AND SILVER CREEK ARE APPROPRIATE FOR C. PARRYI SSP. CONGDONII (R. PRESTON 1998).

Ecological:

General: SITE BASED UPON 1908 COLLECTION BY MCMURPHY. AREA SEARCHED IN 1998 BUT HABITAT IS GONE.

Owner/Manager: UNKNOWN



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<i>Lasthenia conjugens</i>		Element Code: PDAST5L040	
Contra Costa goldfields			
Listing Status:	Federal: Endangered	CNDDB Element Ranks:	Global: G1
	State: None		State: S1
	Other: Rare Plant Rank - 1B.1, SB_UCBBG-UC Berkeley Botanical Garden		
Habitat:	General: VALLEY AND FOOTHILL GRASSLAND, VERNAL POOLS, ALKALINE PLAYAS, CISMONTANE WOODLAND.		
	Micro: VERNAL POOLS, SWALES, LOW DEPRESSIONS, IN OPEN GRASSY AREAS. 1-470 M.		
Occurrence No.	14	Map Index: 10426	EO Index: 16730
Occ. Rank:	None	Presence: Extirpated	Element Last Seen: 1958-03-23
Occ. Type:	Natural/Native occurrence	Trend: Unknown	Site Last Seen: 1958-03-23
			Record Last Updated: 2009-07-22
Quad Summary:	San Jose East (3712137)		
County Summary:	Santa Clara		
Lat/Long:	37.34466 / -121.82412	Accuracy:	1/5 mile
UTM:	Zone-10 N4133756 E604153	Elevation (ft):	110
PLSS:	T07S, R01E, Sec. 11 (M)	Acres:	0.0
Location:	WEST OF CAPITOL AVE AT JUNCTION WITH CORNWALL STREET, EAST OF HIGHWAY 101, SAN JOSE.		
Detailed Location:	BETWEEN CORNWALL STREET AND POWER LINES, FOSTER VILLAGE.		
Ecological:	EXTREMELY LARGE PLANTS IN PASTURE. IN WATER AND SLIMY CLAY ASSOCIATED WITH LEPIDIUM CALIFORNICUM AND COTULA.		
General:	1903 ELMER COLLECTION FROM "SAN JOSE" ATTRIBUTED TO THIS OCCURRENCE. INCLUDES FORMER OCCURRENCE #15.		
Owner/Manager:	PVT		



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<i>Lessingia micradenia var. glabrata</i>		Element Code: PDAST5S062	
smooth lessingia			
Listing Status:	Federal: None	CNDDB Element Ranks:	Global: G2T2
	State: None		State: S2
	Other: Rare Plant Rank - 1B.2		
Habitat:	General: CHAPARRAL, CISMONTANE WOODLAND.		
	Micro: SERPENTINE; OFTEN ON ROADSIDES. 120-420 M.		

Occurrence No.	41	Map Index:	92952	EO Index:	94107	Element Last Seen:	2011-07-XX
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:		2011-07-XX	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2014-06-27	
Quad Summary:	San Jose East (3712137)						
County Summary:	Santa Clara						
Lat/Long:	37.26623 / -121.76531		Accuracy:	specific area			
UTM:	Zone-10 N4125121 E609475		Elevation (ft):	700			
PLSS:	T08S, R02E, Sec. 04 (M)		Acres:	1.0			
Location:	YOUNG RANCH; ~0.75 AIR MILE ENE OF NEW NORTH ALMADEN MINE, SOUTHEAST OF SAN JOSE.						
Detailed Location:	MAPPED BASED ON MAP DETAIL PROVIDED BY WRA ENVIRONMENTAL CONSULTANTS, IN THE SW 1/4 OF THE NW 1/4 OF SECTION 4.						
Ecological:	SERPENTINE BUNCHGRASS AND NON-NATIVE ANNUAL GRASSLAND.						
General:	A TOTAL OF 23,330 PLANTS OBSERVED ON A TOTAL OF 80.2 ACRES IN 2011 AMONG THIS OCCURRENCE AND OCCURRENCES #3 AND #42.						
Owner/Manager:	PVT						

Occurrence No.	42	Map Index:	92953	EO Index:	94108	Element Last Seen:	2011-07-XX
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:		2011-07-XX	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2014-06-27	
Quad Summary:	San Jose East (3712137)						
County Summary:	Santa Clara						
Lat/Long:	37.26404 / -121.78205		Accuracy:	specific area			
UTM:	Zone-10 N4124859 E607993		Elevation (ft):	400			
PLSS:	T08S, R02E, Sec. 05 (M)		Acres:	1.0			
Location:	YOUNG RANCH; ~0.27 AIR MILE NW OF NEW NORTH AMADEN MINE, SOUTHEAST OF SAN JOSE.						
Detailed Location:	MAPPED BASED ON MAP DETAIL PROVIDED BY WRA ENVIRONMENTAL CONSULTANTS, IN THE NE 1/4 OF THE SW 1/4 OF SECTION 5.						
Ecological:	SERPENTINE BUNCHGRASS AND NON-NATIVE ANNUAL GRASSLAND.						
General:	A TOTAL OF 23,330 PLANTS OBSERVED ON A TOTAL OF 80.2 ACRES IN 2011 AMONG THIS OCCURRENCE AND OCCURRENCES #3 AND #41.						
Owner/Manager:	PVT						



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<i>Plagiobothrys glaber</i>		Element Code: PDBOR0V0B0	
hairless popcornflower			
Listing Status:	Federal: None	CNDDDB Element Ranks:	Global: GH
	State: None		State: SH
	Other: Rare Plant Rank - 1A		
Habitat:	General: MEADOWS AND SEEPS, MARSHES AND SWAMPS.		
	Micro: COASTAL SALT MARSHES AND ALKALINE MEADOWS. 5-180 M.		

Occurrence No.	3	Map Index: 28364	EO Index: 22576	Element Last Seen:	1955-06-02
Occ. Rank:	Unknown		Presence: Possibly Extirpated	Site Last Seen:	1955-06-02
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	1996-10-18
Quad Summary:	San Jose East (3712137)				
County Summary:	Santa Clara				
Lat/Long:	37.33615 / -121.84842		Accuracy:	1 mile	
UTM:	Zone-10 N4132785 E602012		Elevation (ft):	110	
PLSS:	T07S, R01E, Sec. 10 (M)		Acres:	0.0	
Location:	NEAR INTERSECTION OF STORY ROAD AND BAYSHORE FREEWAY, ABOUT 3 MILES FROM CENTER OF SAN JOSE.				
Detailed Location:					
Ecological:	PASTURE. HEAVY CLAY SOIL.				
General:	ONLY SOURCE OF INFORMATION FOR THIS SITE IS 1955 COLLECTION BY H.A. AND J.H. THOMAS. A. DAY SUGGESTS THIS COLLECTION MAY BE A MISIDENTIFICATION.				
Owner/Manager:	UNKNOWN				

Occurrence No.	4	Map Index: 28363	EO Index: 29537	Element Last Seen:	1892-XX-XX
Occ. Rank:	Unknown		Presence: Possibly Extirpated	Site Last Seen:	1892-XX-XX
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	1996-10-09
Quad Summary:	San Jose West (3712138)				
County Summary:	Santa Clara				
Lat/Long:	37.34871 / -121.94696		Accuracy:	1 mile	
UTM:	Zone-10 N4134077 E593267		Elevation (ft):	80	
PLSS:	T07S, R01W, Sec. 02 (M)		Acres:	0.0	
Location:	SANTA CLARA.				
Detailed Location:					
Ecological:					
General:	ONLY SOURCE OF INFORMATION FOR THIS SITE IS 1892 COLLECTION BY MICHENER AND BIOLETTI.				
Owner/Manager:	UNKNOWN				

<i>Streptanthus albidus ssp. albidus</i>		Element Code: PDBRA2G011	
Metcalf Canyon jewelflower			
Listing Status:	Federal: Endangered	CNDDDB Element Ranks:	Global: G2T1
	State: None		State: S1
	Other: Rare Plant Rank - 1B.1, BLM_S-Sensitive, SB_RSABG-Rancho Santa Ana Botanic Garden		
Habitat:	General: VALLEY AND FOOTHILL GRASSLAND.		
	Micro: RELATIVELY OPEN AREAS IN DRY GRASSY MEADOWS ON SERPENTINE SOILS; ALSO ON SERPENTINE BALDS. 45-800 M.		



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Occurrence No.	15	Map Index: 21194	EO Index: 1299	Element Last Seen:	2013-05-29
Occ. Rank:	Fair		Presence: Presumed Extant	Site Last Seen:	2013-05-29
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2013-09-30

Quad Summary: San Jose East (3712137)

County Summary: Santa Clara

Lat/Long:	37.28579 / -121.79469	Accuracy:	specific area
UTM:	Zone-10 N4127257 E606843	Elevation (ft):	600
PLSS:	T07S, R02E, Sec. 31 (M)	Acres:	30.0

Location: VICINITY OF THE RANCH GOLF CLUB; FROM JUST E OF GRAVEL PIT EXTENDING E FOR 0.6 MI & SE FOR 0.8 MI, WEST OF SILVER CREEK.

Detailed Location: MAPPED AS FOUR POLYGONS. PREVIOUSLY WITHIN CERRA PLATA DEVELOPMENT; PLANTS NOW ON CITY OF SAN JOSE PROPERTY. IN 2013, PLANTS WERE SCATTERED THROUGHOUT SERPENTINE BETWEEN GOLF CART PATHS AND IN VICINITY OF CLUBHOUSE. INCLUDES FORMER EO #14.

Ecological: ON ROCKY, STEEP S-FACING SERPENTINE SLOPE ABOVE BRANCH IN DIRT ROAD. ASSOCIATED WITH AVENA FATUA, BROMUS MOLLIS, CHLOROGALUM POMERIDIANUM, ARTEMISIA CALIFORNICA, PHACELIA IMBRICATA, BRODIAEA PULCHELLA, AND NEAR OTHER RARE PLANT TAXA.

General: OVER 700 PLANTS SEEN IN 1988. BETWEEN OCC #15 & #18: >9000 IN 1992, 9065 IN 1993, 75,000 IN 1998, NONE IN 1999, <100 IN 2000, 13,200 IN '01, 5800 IN '02, 8700 IN '03, 8300 IN '04, 9888 IN '05, 8620 IN '06, 17,395 IN '07. ~120 HERE IN 2013.

Owner/Manager: CITY OF SAN JOSE

Occurrence No.	17	Map Index: 21226	EO Index: 25391	Element Last Seen:	2013-06-13
Occ. Rank:	Poor		Presence: Presumed Extant	Site Last Seen:	2013-06-13
Occ. Type:	Natural/Native occurrence		Trend: Decreasing	Record Last Updated:	2013-09-30

Quad Summary: San Jose East (3712137)

County Summary: Santa Clara

Lat/Long:	37.27455 / -121.82519	Accuracy:	specific area
UTM:	Zone-10 N4125977 E604154	Elevation (ft):	270
PLSS:	T07S, R01E, Sec. 35 (M)	Acres:	2.0

Location: RIDGE NORTH OF DANNA ROCK PARK, 0.7 MILE SOUTHEAST OF JUNCTION OF MONTEREY HIGHWAY AND CAPITOL EXPRESSWAY, SAN JOSE.

Detailed Location: ON STEEP SOUTH-FACING SLOPE. MAPPED BY CNDDDB AROUND THE AREA STREPTANTHUS WAS OBSERVED IN 2013; UNCLEAR IF STREPTANTHUS OCCURS THROUGHOUT THIS PROPERTY OR ONLY IN A PORTION OF PROPERTY.

Ecological: WEEDY SERPENTINE GRASSLAND DOMINATED BY AVENA BARBATA. ALSO WITH FESTUCA PERENNIS, LACTUCA SERRIOLA, ERIOGONUM NUDUM, BROMUS DIANDRUS, ESCHSCHOLZIA CALIFORNICA, CHLOROGALUM POMERIDIANUM, B. MADRITENSIS, PLANTAGO ERECTA, DICHELOSTEMMA, ETC.

General: 2667 PLANTS SEEN IN 1991. 281 PLANTS OBSERVED IN 1996. 0 IN 2012. APPROXIMATELY 75 PLANTS OBSERVED IN 2013; PLANTS MOSTLY IN FRUIT & HARD TO SEE. THE RARE DUDLEYA ABRAMSII SSP. SETCHELLII AND ERIGONUM LUTEOLUM VAR. CANINUM ALSO OCCUR HERE.

Owner/Manager: PVT-VALLEY CHRISTIAN SCHOOL



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Occurrence No.	18	Map Index: 26622	EO Index: 1301	Element Last Seen:	2013-05-29
Occ. Rank:	Fair		Presence: Presumed Extant	Site Last Seen:	2013-05-29
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2013-09-26

Quad Summary: San Jose East (3712137)

County Summary: Santa Clara

Lat/Long:	37.29250 / -121.80345	Accuracy:	specific area
UTM:	Zone-10 N4127993 E606057	Elevation (ft):	400
PLSS:	T07S, R02E, Sec. 30 (M)	Acres:	18.0

Location: NORTH PART OF THE RANCH GOLF CLUB, 1.2 MILES NE OF CHRISTOPHER SCHOOL, BETWEEN BAYSHORE HWY & SILVER CREEK RD, SAN JOSE.

Detailed Location: PREVIOUSLY WITHIN CERRA PLATA DEVELOPMENT; PLANTS NOW ON CITY OF SAN JOSE PROPERTY.

Ecological: SERPENTINE GRASSLAND DOMINATED BY AVENA BARBATA, BROMUS HORDEACEUS, AND FESTUCA PERENNIS. ALSO PRESENT WITH DUDLEYA ABRAMSII SSP. SETCHELLII, LACTUCA SERRIOLA, ERIOGONUM NUDUM, ESCHSCHOLZIA CALIFORNICA, STIPA PULCHRA, CHLOROGALUM, ETC.

General: BETWEEN OCC #15 & #18: >9000 IN 1992, 9065 IN 1993, 75,000 IN 1998, NONE IN 1999, <100 IN 2000, 13,200 IN '01, 5800 IN '02, 8700 IN '03, 8300 IN '04, 9888 IN '05, 8620 IN '06, 17,395 IN '07. ~61 AT JUST THIS OCCURRENCE IN 2013.

Owner/Manager: CITY OF SAN JOSE

Occurrence No.	19	Map Index: 26621	EO Index: 1303	Element Last Seen:	1994-05-19
Occ. Rank:	Poor		Presence: Presumed Extant	Site Last Seen:	2013-06-13
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2013-09-27

Quad Summary: San Jose East (3712137)

County Summary: Santa Clara

Lat/Long:	37.28350 / -121.84613	Accuracy:	80 meters
UTM:	Zone-10 N4126946 E602286	Elevation (ft):	170
PLSS:	T07S, R01E, Sec. 34 (M)	Acres:	0.0

Location: EAST SIDE OF COMMUNICATION HILL, JUST NORTH OF INTERSECTION OF HILLSDALE AVE AND HILLCAP AVE, SW OF HWY 82, SAN JOSE.

Detailed Location:

Ecological: ON CUT SERPENTINE SLOPE ASSOCIATED WITH BROMUS MADRITENSIS RUBENS, ESCHSCHOLZIA CALIFORNICA, MELILOTUS INDICA, PLANTAGO ERECTA, LOTUS HUMISTRATUS, PLAGIOBOTHRYSP, AND EPILOBIUM SP.

General: 100 PLANTS ESTIMATED IN 1994. NO PLANTS OBSERVED IN 2013; AREA HEAVILY ALTERED BY QUARRY. INCLUDES FORMER OCCURRENCE #1.

Owner/Manager: PVT



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Occurrence No.	24	Map Index:	90468	EO Index:	91580	Element Last Seen:	2009-05-19
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:		2009-05-19	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2013-09-26	
Quad Summary:	San Jose East (3712137)						
County Summary:	Santa Clara						
Lat/Long:	37.25999 / -121.77445			Accuracy:	specific area		
UTM:	Zone-10 N4124418 E608673			Elevation (ft):	550		
PLSS:	T08S, R02E, Sec. 05 (M)			Acres:	10.0		
Location:	NW PORTION OF YOUNG RANCH; JUST SE OF NEW NORTH ALMADEN MINE ABOUT 0.5 AIR MI ESE OF HELLYER AVE/SILVER CRK RD JUNCTION.						
Detailed Location:	MOSTLY IN THE SOUTH HALF OF THE SE 1/4 OF SECTION 5.						
Ecological:	SERPENTINE DERIVED SOILS OR SERPENTINE OUTCROPS. MOSTLY ON THIN SOILED SERPENTINE BARRENS. CO-OCCURS WITH DUDLEYA SETCHELLII AND MALACOTHAMNUS HALLII AT THIS SITE.						
General:	APPROXIMATELY 2000 INDIVIDUALS WERE OBSERVED IN 2009 BETWEEN THIS OCCURRENCE AND OCCURRENCE #25.						
Owner/Manager:	PVT						

Occurrence No.	25	Map Index:	90469	EO Index:	91581	Element Last Seen:	2009-05-19
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:		2009-05-19	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2013-09-26	
Quad Summary:	San Jose East (3712137)						
County Summary:	Santa Clara						
Lat/Long:	37.26426 / -121.78310			Accuracy:	specific area		
UTM:	Zone-10 N4124883 E607901			Elevation (ft):	400		
PLSS:	T08S, R02E, Sec. 05 (M)			Acres:	1.0		
Location:	NW PORTION OF YOUNG RANCH; NW OF NEW NORTH ALMADEN MINE, 0.3 MI NNE OF HELLYER AVE/SILVER CRK RD JUNCTION, SAN JOSE.						
Detailed Location:	IN THE NORTH HALF OF THE SW 1/4 OF SECTION 5.						
Ecological:	SERPENTINE DERIVED SOILS OR SERPENTINE OUTCROPS. MOSTLY ON THIN SOILED SERPENTINE BARRENS. DUDLEYA SETCHELLII AND LESSINGIA MICRADENIA VAR. GLABRATA OCCUR NEARBY.						
General:	APPROXIMATELY 2000 INDIVIDUALS WERE OBSERVED IN 2009 BETWEEN THIS OCCURRENCE AND OCCURRENCE #24.						
Owner/Manager:	PVT						



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Occurrence No.	26	Map Index:	90470	EO Index:	91582	Element Last Seen:	2013-05-29
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:		2013-05-29	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2013-09-27	
Quad Summary:	San Jose East (3712137)						
County Summary:	Santa Clara						
Lat/Long:	37.27878 / -121.80120			Accuracy:	specific area		
UTM:	Zone-10 N4126473 E606275			Elevation (ft):	200		
PLSS:	T07S, R02E, Sec. 31 (M)			Acres:	5.0		
Location:	HELLYER AVE APPROXIMATELY 0.48 ROAD MILE SE OF ITS JUNCTION WITH US 101, SE OF SAN JOSE.						
Detailed Location:	MAPPED BY CNDDDB AROUND THE SERPENTINE ROADCUT INDICATED. IN THE NORTH HALF OF THE SW 1/4 OF SECTION 31.						
Ecological:	ROADCUT WITH SERPENTINE BARREN/GRASSLAND. ASSOCIATED WITH AVENA BARBATA, BROMUS MADRITENSIS, CENTAUREA SOLSTITIALIS, ERIOGONUM NUDUM, E. ROSEUM, CRYPTANTHA FLACCIDA, FESTUCA PERENNIS, ESCHSCHOLZIA CALIFORNICA, CHLOROGALUM POMERIDIANUM, ETC.						
General:	APPROXIMATELY 240 INDIVIDUALS OBSERVED IN 2013; MORE 2012 SKELETONS PRESENT THAN LIVE 2013 PLANTS.						
Owner/Manager:	UNKNOWN						

<i>Dudleya abramsii ssp. setchellii</i>	Element Code:	PDCRA040Z0
Santa Clara Valley dudleya		
Listing Status:	Federal:	Endangered
	State:	None
	Other:	Rare Plant Rank - 1B.1, SB_RSABG-Rancho Santa Ana Botanic Garden
Habitat:	General:	VALLEY AND FOOTHILL GRASSLAND, CISMONTANE WOODLAND.
	Micro:	ON ROCKY SERPENTINE OUTCROPS AND ON ROCKS WITHIN GRASSLAND OR WOODLAND. 60-455 M.
CNDDDB Element Ranks:	Global:	G4T2
	State:	S2

Occurrence No.	7	Map Index:	20912	EO Index:	27281	Element Last Seen:	2013-05-29
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:		2013-05-29	
Occ. Type:	Natural/Native occurrence	Trend:	Decreasing	Record Last Updated:		2014-07-10	
Quad Summary:	San Jose East (3712137)						
County Summary:	Santa Clara						
Lat/Long:	37.28655 / -121.79431			Accuracy:	specific area		
UTM:	Zone-10 N4127342 E606875			Elevation (ft):	600		
PLSS:	T07S, R02E, Sec. 31 (M)			Acres:	211.0		
Location:	RIDGE BETWEEN BAYSHORE HIGHWAY (HWY 101) AND SILVER CREEK ROAD, 1.2-2.3 MILES SOUTH OF ABORN ROAD, SE END OF SAN JOSE.						
Detailed Location:	MANY POLYGONS MAPPED ALONG NW END OF RIDGE. PROPOSED CERRA PLATA DEVELOPMENT SITE. MOST OF AREA NOW HASSLER RANCH PRES. PLANTS HAVE BEEN MOVED/TRANSPLANTED INTO OTHER AREAS IN 1999-2003; OF 2900+ TRANSPLANTS IN 2000, 725 SURVIVED BY 2007.						
Ecological:	IN WEATHERED SERPENTINE ROCKS W/AVENA FATUA, A. BARBATA, BROMUS MOLLIS, B. DIANDRUS, NASSELLA PULCHRA, POA SCABRELLA, AND CALOCHORTUS VENUSTUS. OTHER RARE PLANTS IN AREA: STREPTANTHUS ALBIDUS ALBIDUS, CIRSIUM CAMPYLON, FRITILLARIA LILIACEA.						
General:	20,000+ PLANTS IN 1992, 20,869 IN 1993, 21,947 IN 1998. POP #S NOT INCLUDING TRANSPLANTS: 19,083 IN 2000, 22,058 IN 2001, 24,096 IN 2002, 23,949 IN 2004, 26,951 IN 2005, 16,553 IN 2006, 15,356 IN 2007. OBSERVED WITH STREPTANTHUS IN 2013.						
Owner/Manager:	PVT, CITY OF SAN JOSE						



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Occurrence No.	8	Map Index: 20911	EO Index: 22303	Element Last Seen:	2009-04-19
Occ. Rank:	Poor		Presence: Presumed Extant	Site Last Seen:	2009-04-19
Occ. Type:	Natural/Native occurrence		Trend: Decreasing	Record Last Updated:	2010-08-02

Quad Summary: San Jose East (3712137)
County Summary: Santa Clara

Lat/Long:	37.28473 / -121.85992	Accuracy:	specific area
UTM:	Zone-10 N4127068 E601061	Elevation (ft):	300
PLSS:	T07S, R01E, Sec. 34 (M)	Acres:	25.0

Location: ALONG AZORES STREET, BATISTA DRIVE, ADELIN AVENUE, AND CASSELINO DRIVE, COMMUNICATIONS HILL, SAN JOSE.

Detailed Location: MAPPED AS FOUR POLYGONS. MOST OF OCCURRENCE HAS BEEN CONVERTED TO HOUSING DEVELOPMENT. FAR WESTERN POLYGON MAPPED BASED ON 2009 OBSERVATION OF A SITE WHICH WAS PART NATURAL, PART PLANTED FOR MITIGATION BECAUSE OF NEARBY DEVELOPMENT.

Ecological: ON SERPENTINE OUTCROPS WITHIN SERPENTINE GRASSLAND. ON WEST TO SE-FACING SLOPES WITH NASSELLA PULCHRA, LOLIUM SP., PHACELIA SP., AND ESCHSCHOLZIA CALIFORNICA. TIGER SALAMANDER ALSO HERE.

General: APPROXIMATELY 50 PLANTS OBSERVED IN 1990. 1750 WERE SEEN IN 1992 IN THE 3 EASTERN POLYGONS. 4574 WERE PLANTED AT WESTERN POLYGON (ALONG WITH SOME NATURAL PLANTS) BUT ONLY 268 COULD BE FOUND IN 2009, MOST OF THESE APPEARED TO BE NATURAL.

Owner/Manager: PVT

Occurrence No.	12	Map Index: 67512	EO Index: 26475	Element Last Seen:	2013-06-13
Occ. Rank:	Fair		Presence: Presumed Extant	Site Last Seen:	2013-06-13
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2014-07-10

Quad Summary: San Jose East (3712137)
County Summary: Santa Clara

Lat/Long:	37.27465 / -121.82552	Accuracy:	specific area
UTM:	Zone-10 N4125987 E604124	Elevation (ft):	270
PLSS:	T07S, R01E, Sec. 35 (M)	Acres:	10.0

Location: NORTH OF DANA ROCK PARK, 0.7 MILE SOUTHEAST OF THE JUNCTION OF MONTEREY HIGHWAY AND CAPITOL EXPRESSWAY, SAN JOSE.

Detailed Location: VALLEY CHRISTIAN SCHOOL SITE AND ADJACENT HOME LOT. MAPPED BY CNDDDB ACCORDING TO 2006 AND 2013 COORDINATES. SITE MAY BE MORE EXTENSIVE WITHIN VALLEY CHRISTIAN SCHOOL PROPERTY BUT MAP DETAIL NOT PROVIDED.

Ecological: ON RIDGE ON SERPENTINE ROCK OUTCROPS AND GRASSLAND ON NORTH AND SOUTH-FACING SLOPES WITH STREPTANTHUS ALBIDUS ALBIDUS AND ERIOGONUM CANINUM.

General: VALLEY CHRISTIAN SCHOOL SITE: 1836 PLANTS SEEN IN 1991, 8449 PLANTS IN 1996, OBSERVED DURING SURVEYS FOR STREPTANTHUS ALBIDUS IN 2013. WESTERN POLYGON: 820 OBSERVED IN 2006.

Owner/Manager: PVT-VALLEY CHRISTIAN SCHOOL



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Occurrence No.	28	Map Index: 41782	EO Index: 41782	Element Last Seen:	2000-05-10
Occ. Rank:	Poor		Presence: Presumed Extant	Site Last Seen:	2000-05-10
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2000-11-17

Quad Summary: San Jose East (3712137)
County Summary: Santa Clara

Lat/Long:	37.28197 / -121.86901	Accuracy:	specific area
UTM:	Zone-10 N4126752 E600259	Elevation (ft):	250
PLSS:	T07S, R01E, Sec. 33 (M)	Acres:	11.2

Location: HILLS SOUTHWEST OF SANTA CLARA COUNTY FAIRGROUNDS, BETWEEN CANOAS GARDEN AVE AND HILLSDALE AVE, SAN JOSE.

Detailed Location: 2 COLONIES ON TOP AND SOUTHERN SLOPE OF HILL JUST WEST OF HWY 87. N COLONY BETWEEN SENIOR APARTMENT HOUSING PARKING LOT & CALTRANS RIGHT-OF-WAY AT TOP OF CUT SLOPE ADJACENT TO HWY 87. S COLONY 1500 FT NW OF JCT OF HILLSDALE & NARVAIS ROADS.

Ecological: GROWING AMONG SERPENTINE ROCK OUTCROPS WITHIN REMNANT SERPENTINE GRASSLAND COMMUNITY. ASSOCIATES INCLUDE AVENA, BROMUS HORDEACEUS, ESCHSCHOLZIA CALIFORNICA, CHLOROGALUM, AND PLANTAGO ERECTA. MONTARA SERIES SOILS.

General: 1762 PLANTS OBSERVED IN SOUTH COLONY IN 1997, 45 PLANTS IN NORTH COLONY IN 1998. ABOUT 35 PLANTS OBSERVED AT NORTH COLONY IN 2000. NORTH COLONY BASICALLY AT TOP OF HIGHWAY CUTSLOPE.

Owner/Manager: SAN JOSE WATER CO, UNKNOWN

Occurrence No.	38	Map Index: 44492	EO Index: 44492	Element Last Seen:	2009-05-19
Occ. Rank:	Fair		Presence: Presumed Extant	Site Last Seen:	2009-05-19
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2014-07-16

Quad Summary: San Jose East (3712137)
County Summary: Santa Clara

Lat/Long:	37.26212 / -121.77995	Accuracy:	specific area
UTM:	Zone-10 N4124648 E608183	Elevation (ft):	400
PLSS:	T08S, R02E, Sec. 05 (M)	Acres:	47.0

Location: VICINITY OF NEW NORTH ALMADEN MINE, NORTH OF TENNANT ROAD, EAST OF HIGHWAY 101, SAN JOSE.

Detailed Location: MAPPED BY CNDDB AS MANY POLYGONS ACCORDING TO 2004 HILLMAN DIGITAL DATA AND A 2012 WRA ENVIRONMENTAL CONSULTANTS MAP.

Ecological: ROCKY SERPENTINE SLOPE AND ROCKY OUTCROPPINGS. ASSOCIATED WITH ARTEMISIA CALIFORNICA, AVENA BARBATA, LOLIUM MULTIFLORUM, CENTAUREA SOLSTITALIS, AND ERIOGONUM SP.

General: POPULATION NUMBERS ARE FOR PORTIONS OF OCCURRENCE: 250 PLANTS IN 1998, ~120 PLANTS IN 2004. APPROXIMATELY 1000 PLANTS OBSERVED IN 2009 IN VICINITY OF EO #38 AND 67. INCLUDES FORMER OCCURRENCES #53 AND 54.

Owner/Manager: SANTA CLARA VALLEY WATER DIST



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Occurrence No.	65	Map Index: 93117	EO Index: 94265	Element Last Seen:	2009-05-19
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen:	2009-05-19
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2014-07-11

Quad Summary: Santa Teresa Hills (3712127), San Jose East (3712137)

County Summary: Santa Clara

Lat/Long:	37.24981 / -121.75768	Accuracy:	specific area
UTM:	Zone-10 N4123309 E610176	Elevation (ft):	500
PLSS:	T08S, R02E, Sec. 09 (M)	Acres:	1.0

Location: APPROXIMATELY 0.35 AIR MILE NE OF THE JUNCTION OF GENTRY OAKS PL AND PROMENADE CT, YOUNG RANCH.

Detailed Location: IN THE NW 1/4 OF THE SE 1/4 OF SECTION 9.

Ecological:

General: A TOTAL OF 18,266 PLANTS WERE OBSERVED ON YOUNG RANCH IN 2009 (INCLUDES EO #5, 38, 64-67) BUT NUMBER AT THIS PARTICULAR POLYGON IS UNKNOWN.

Owner/Manager: PVT

Occurrence No.	67	Map Index: 93121	EO Index: 94268	Element Last Seen:	2009-05-19
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen:	2009-05-19
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2014-07-11

Quad Summary: San Jose East (3712137)

County Summary: Santa Clara

Lat/Long:	37.26634 / -121.76571	Accuracy:	specific area
UTM:	Zone-10 N4125132 E609440	Elevation (ft):	750
PLSS:	T08S, R02E, Sec. 04 (M)	Acres:	2.0

Location: APPROXIMATELY 0.3 AIR MI SOUTH OF JUNCTION OF MORNINGSIDE DR AND LA SEYNE PL, NE OF NEW NORTH ALMADEN MINE, YOUNG RANCH.

Detailed Location: NEAR THE CENTER OF THE WEST 1/2 OF SECTION 4.

Ecological:

General: A TOTAL OF 1000 PLANTS WERE OBSERVED IN 2009 BETWEEN EO #38 AND EO #67 WITH THE MAJORITY OF PLANTS WITHIN EO #38.

Owner/Manager: PVT



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<i>Trifolium hydrophilum</i>		Element Code: PDFAB400R5	
saline clover			
Listing Status:	Federal: None	CNDDB Element Ranks:	Global: G2
	State: None		State: S2
	Other: Rare Plant Rank - 1B.2		
Habitat:	General: MARSHES AND SWAMPS, VALLEY AND FOOTHILL GRASSLAND, VERNAL POOLS.		
	Micro: MESIC, ALKALINE SITES. 0-300 M.		

Occurrence No.	25	Map Index: 66585	EO Index: 84579	Element Last Seen:	1903-06-01
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen:	1903-06-01
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2011-09-07
Quad Summary:	San Jose West (3712138)				
County Summary:	Santa Clara				
Lat/Long:	37.33910 / -121.89534		Accuracy:	1 mile	
UTM:	Zone-10 N4133063 E597851		Elevation (ft):		
PLSS:	T07S, R01E, Sec. 08 (M)		Acres:	0.0	
Location:	SAN JOSE.				
Detailed Location:	EXACT LOCATION UNKNOWN. MAPPED BY CNDDB IN GENERAL VICINITY OF SAN JOSE BUT COLLECTION LOCALITY IS VERY VAGUE.				
Ecological:					
General:	ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1903 COLLECTION BY ELMER. NEEDS FIELDWORK.				
Owner/Manager:	UNKNOWN				

<i>California macrophylla</i>		Element Code: PDGER01070	
round-leaved filaree			
Listing Status:	Federal: None	CNDDB Element Ranks:	Global: G3?
	State: None		State: S3?
	Other: Rare Plant Rank - 1B.2, BLM_S-Sensitive, SB_RSABG-Rancho Santa Ana Botanic Garden, SB_SBBG-Santa Barbara Botanic Garden		
Habitat:	General: CISMONTANE WOODLAND, VALLEY AND FOOTHILL GRASSLAND.		
	Micro: CLAY SOILS. 15-1200 M.		

Occurrence No.	93	Map Index: 66977	EO Index: 67126	Element Last Seen:	1955-04-11
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen:	1955-04-11
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2006-11-07
Quad Summary:	San Jose East (3712137)				
County Summary:	Santa Clara				
Lat/Long:	37.28826 / -121.79654		Accuracy:	1 mile	
UTM:	Zone-10 N4127530 E606674		Elevation (ft):		
PLSS:	T07S, R02E, Sec. 30 (M)		Acres:	0.0	
Location:	SILVER CREEK HILLS, CIRCA 6 MILES SOUTHEAST OF SAN JOSE.				
Detailed Location:	EXACT LOCATION UNKNOWN. MAPPED BY CNDDB AS BEST GUESS.				
Ecological:	OPEN GRASSY SLOPE.				
General:	ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1955 COLLECTION BY MYERS. NEEDS FIELDWORK.				
Owner/Manager:	UNKNOWN				



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<i>Malacothamnus hallii</i>		Element Code: PDMAL0Q0F0	
Hall's bush-mallow			
Listing Status:	Federal: None	CNDDDB Element Ranks:	Global: G2
	State: None		State: S2
	Other: Rare Plant Rank - 1B.2, BLM_S-Sensitive		
Habitat:	General: CHAPARRAL, COASTAL SCRUB.		
	Micro: SOME POPULATIONS ON SERPENTINE. 10-730 M.		

Occurrence No.	8	Map Index: 96214	EO Index: 30516	Element Last Seen: 2007-05-22
Occ. Rank:	Good		Presence: Presumed Extant	Site Last Seen: 2007-05-22
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2015-07-02

Quad Summary: San Jose East (3712137)
County Summary: Santa Clara

Lat/Long:	37.28564 / -121.79838	Accuracy:	80 meters
UTM:	Zone-10 N4127237 E606515	Elevation (ft):	600
PLSS:	T07S, R02E, Sec. 31 (M)	Acres:	0.0

Location: "SILVER CREEK HILLS" BETWEEN SILVER CREEK AND HWY 101; ~0.6 AIR MI NE OF HELLYER AVE/101 JUNCTION, SE EDGE OF SAN JOSE.
Detailed Location: MAPPED BY CNDDDB ACCORDING TO 2007 LAZAROTTI COORDINATES, IN THE NE 1/4 OF THE NW 1/4 OF SECTION 31. SITE WAS PRIVATELY OWNED IN 2007 BUT NOW LOOKS TO BE OWNED BY THE CITY OF SAN JOSE.
Ecological: DIABLAN SAGE SCRUB. THE RARE STREPTANTHUS ALBIDUS ALBIDUS AND DUDLEYA SETCHELLII ALSO OCCUR AT THIS SITE.
General: 50-100 PLANTS IN 1998, UNKNOWN # IN 2001, 100 IN 2002, 275 IN 2003, 200 IN 2005, 100 IN 2006 AND 2007. 1953 COLLECTION BY HOWELL FROM SOUTH OF EVERGREEN ATTRIBUTED TO THIS SITE; SOME HERBARIA HAVE ID AS M. FREMONTII OR M. FASCICULATUS.
Owner/Manager: CITY OF SAN JOSE

Occurrence No.	9	Map Index: 28970	EO Index: 30509	Element Last Seen: 1976-10-20
Occ. Rank:	None		Presence: Possibly Extirpated	Site Last Seen: 1993-07-24
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 1997-03-19

Quad Summary: San Jose West (3712138)
County Summary: Santa Clara

Lat/Long:	37.35508 / -121.91338	Accuracy:	1/5 mile
UTM:	Zone-10 N4134817 E596232	Elevation (ft):	40
PLSS:	T07S, R01E, Sec. 06 (M)	Acres:	0.0

Location: EAST SIDE OF GUADALUPE CREEK JUST NORTH OF HIGHWAY 17, SAN JOSE.
Detailed Location: 25 YARDS EAST OF THE CREEK AND 200 YARDS NORTH OF THE HIGHWAY.
Ecological: OBSERVED IN 1976 WITH BACCHARIS AND WEEDY FORBS. IN 1993 SITE VEGETATED WITH BACCHARIS, TYPHA, CAREX, POPULUS FREMONTII, AND WEEDY FORBS. DISTURBED CREEKBED WITH LEVEES BUILT UP ON BOTH SIDES.
General: SITE BASED ON A 1976 PATTON COLLECTION. CHANDIK SEARCHED THIS AREA IN 1993 BUT NO MALACOTHAMNUS WERE OBSERVED. ID OF COLLECTION NEEDS CONFIRMATION; M. ARCUATUS ALSO OCCURS NEARBY.
Owner/Manager: UNKNOWN



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Occurrence No.	31	Map Index:	68066	EO Index:	68216	Element Last Seen:	2009-05-XX
Occ. Rank:	Good	Presence:	Presumed Extant	Site Last Seen:	2009-05-XX		
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:	2015-07-02		
Quad Summary:	San Jose East (3712137)						
County Summary:	Santa Clara						
Lat/Long:	37.25914 / -121.77652		Accuracy:	specific area			
UTM:	Zone-10 N4124321 E608491		Elevation (ft):	400			
PLSS:	T08S, R02E, Sec. 05 (M)		Acres:	15.0			
Location:	ALONG COYOTE CANAL EXTENSION, NEAR THE INTERSECTION OF PIERCY ROAD AND HELLYER AVE, NEAR NEW NORTH ALMADEN MINE.						
Detailed Location:	ON BOTH SIDES OF THE CANAL AND ALONG ROAD CUT. MAPPED BY CNDDDB AS 7 POLYGONS ACCORDING TO 2004 HILLMAN DIGITAL DATA AND A MAP IN A 2012 WRA REPORT.						
Ecological:	ROCKY SERPENTINE SOIL. ASSOC WITH ARTEMISIA CALIFORNICA, BROMUS MADRITENSIS RUBENS, ESCHSCHOLZIA CALIFORNICA, MELICA TORREYANA, LOLIUM MULTIFLORUM, VULPIA MYUROS, CHENOPODIUM SP, PLANTAGO ERECTA, AND KOELERIA SP. SOUTH & WEST-FACING SLOPES.						
General:	38 PLANTS OBSERVED IN PORTION OF OCCURRENCE IN 2004. FEWER THAN 98 PLANTS OBSERVED IN 2009. AN 1891 COLLECTION FROM "SERPENTINE HILLS AT EDENIALE (EDENVALE?), 300 FEET" IS ALSO ATTRIBUTED TO THIS SITE.						
Owner/Manager:	UNKNOWN						
Occurrence No.	35	Map Index:	79659	EO Index:	80650	Element Last Seen:	2007-08-07
Occ. Rank:	Poor	Presence:	Presumed Extant	Site Last Seen:	2007-08-07		
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:	2010-08-17		
Quad Summary:	San Jose East (3712137)						
County Summary:	Santa Clara						
Lat/Long:	37.28389 / -121.85304		Accuracy:	80 meters			
UTM:	Zone-10 N4126983 E601672		Elevation (ft):	420			
PLSS:	T07S, R01E, Sec. 34 (M)		Acres:	0.0			
Location:	SOUTH SIDE OF COMMUNICATIONS HILL, IN DRAW ABOVE COMMUNICATIONS HILL BLVD, SAN JOSE.						
Detailed Location:							
Ecological:	GRASSY SLOPE RESHAPED WITH CONCRETE DRAINAGE CHANNELS ASSOCIATED WITH ROAD DEVELOPMENT. SERPENTINE OUTCROPS IN VICINITY. ASSOCIATED WITH SALSOLA TRAGUS, ANNUAL GRASSES AND ESCHSCHOLZIA CALIFORNICA.						
General:	ONE PLANT OBSERVED IN 2007.						
Owner/Manager:	PVT						



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Occurrence No.	43	Map Index: 96236	EO Index: 97396	Element Last Seen:	2009-05-XX
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen:	2009-05-XX
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2015-05-29

Quad Summary: San Jose East (3712137)

County Summary: Santa Clara

Lat/Long: 37.25300 / -121.75660 **Accuracy:** specific area

UTM: Zone-10 N4123663 E610267 **Elevation (ft):** 700

PLSS: T08S, R02E, Sec. 09 (M) **Acres:** 19.0

Location: APPROXIMATELY 1.7 AIR MILES NORTH OF THE JUNCTION OF US 101 AND METCALF ROAD, YOUNGS RANCH.

Detailed Location: MAPPED BY CNDDDB AS 3 POLYGONS ACCORDING TO A MAP IN A 2012 WRA REPORT.

Ecological:

General: A TOTAL OF 2608 PLANTS WERE OBSERVED ACROSS YOUNGS RANCH (EO #31, 41-44), PRESUMABLY IN 2009.

Owner/Manager: SCL COUNTY

Occurrence No.	44	Map Index: 96237	EO Index: 97397	Element Last Seen:	2009-05-XX
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen:	2009-05-XX
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2015-05-29

Quad Summary: San Jose East (3712137)

County Summary: Santa Clara

Lat/Long: 37.26891 / -121.77912 **Accuracy:** specific area

UTM: Zone-10 N4125403 E608247 **Elevation (ft):** 500

PLSS: T08S, R02E, Sec. 05 (M) **Acres:** 1.0

Location: APPROXIMATELY 0.5 AIR MILE NORTH OF THE NEW NORTH ALMADEN MINE, YOUNGS RANCH.

Detailed Location: MAPPED BY CNDDDB AS 2 POLYGONS ACCORDING TO A MAP IN A 2012 WRA REPORT.

Ecological:

General: FEWER THAN 98 PLANTS WERE OBSERVED, PRESUMABLY IN 2009.

Owner/Manager: SCL COUNTY



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Clarkia concinna ssp. automixa

Element Code: PDONA050A1

Santa Clara red ribbons

Listing Status:	Federal: None	CNDDB Element Ranks:	Global: G5?T3
	State: None		State: S3
	Other: Rare Plant Rank - 4.3		
Habitat:	General: CISMONTANE WOODLAND, CHAPARRAL.		
	Micro: ON SLOPES AND NEAR DRAINAGES. 90-1500 M.		

Occurrence No.	10	Map Index: 34569	EO Index: 341	Element Last Seen: 1922-06-03
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen: 1922-06-03
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 1996-02-08

Quad Summary: San Jose East (3712137), Calaveras Reservoir (3712147)
County Summary: Santa Clara

Lat/Long:	37.36839 / -121.81080	Accuracy:	1 mile
UTM:	Zone-10 N4136403 E605299	Elevation (ft):	300
PLSS:	T06S, R01E, Sec. 36 (M)	Acres:	0.0

Location: ALUM ROCK - SYCAMORE CANYON ROAD.
Detailed Location: CANNOT LOCATE SYCAMORE CANYON OR SYCAMORE CANYON ROAD IN THE VICINITY OF ALUM ROCK. SITE MAPPED JUST EAST OF ALUM ROCK.
Ecological:
General: ONLY SOURCE OF INFORMATION FOR THIS SITE IS 1922 COLLECTION BY SMITH.
Owner/Manager: UNKNOWN

Chorizanthe robusta var. robusta

Element Code: PDPGN040Q2

robust spineflower

Listing Status:	Federal: Endangered	CNDDB Element Ranks:	Global: G2T1
	State: None		State: S1
	Other: Rare Plant Rank - 1B.1, BLM_S-Sensitive		
Habitat:	General: CISMONTANE WOODLAND, COASTAL DUNES, COASTAL SCRUB, CHAPARRAL.		
	Micro: SANDY TERRACES AND BLUFFS OR IN LOOSE SAND. 9-245 M.		

Occurrence No.	19	Map Index: 37885	EO Index: 41067	Element Last Seen: 1882-XX-XX
Occ. Rank:	None		Presence: Possibly Extirpated	Site Last Seen: 1882-XX-XX
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2015-08-31

Quad Summary: San Jose East (3712137), San Jose West (3712138), Calaveras Reservoir (3712147), Milpitas (3712148)
County Summary: Santa Clara

Lat/Long:	37.33789 / -121.89131	Accuracy:	5 miles
UTM:	Zone-10 N4132933 E598210	Elevation (ft):	
PLSS:	T07S, R01E, Sec. 08 (M)	Acres:	0.0

Location: SAN JOSE.
Detailed Location: EXACT LOCATION UNKNOWN. MAPPED IN GENERAL VICINITY OF SAN JOSE.
Ecological:
General: ONLY SOURCE OF INFORMATION FOR THIS SITE IS AN 1882 COLLECTION BY PARRY. NEEDS FIELDWORK.
Owner/Manager: UNKNOWN



Multiple Occurrences per Page
California Department of Fish and Wildlife
California Natural Diversity Database



Collinsia multicolor

Element Code: PDSCROH0B0

San Francisco collinsia

Listing Status:	Federal: None	CNDDDB Element Ranks:	Global: G2
	State: None		State: S2
	Other: Rare Plant Rank - 1B.2, SB_RSABG-Rancho Santa Ana Botanic Garden		
Habitat:	General: CLOSED-CONE CONIFEROUS FOREST, COASTAL SCRUB.		
	Micro: ON DECOMPOSED SHALE (MUDSTONE) MIXED WITH HUMUS; SOMETIMES ON SERPENTINE. 30-250 M.		

Occurrence No.	2	Map Index:	56836	EO Index:	56852	Element Last Seen:	XXXX-XX-XX
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:		Record Last Updated:	2004-09-20
Occ. Type:	Natural/Native occurrence	Trend:	Unknown				

Quad Summary: San Jose East (3712137)

County Summary: Santa Clara

Lat/Long:	37.26551 / -121.81802	Accuracy:	4/5 mile
UTM:	Zone-10 N4124981 E604802	Elevation (ft):	200
PLSS:	T08S, R01E, Sec. 01 (M)	Acres:	0.0

Location: EDENVALE.

Detailed Location: EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS BY CNDDDB, IN THE VICINITY OF EDENVALE, NEAR SAN JOSE.

Ecological:

General: ONLY INFORMATION FOR THIS SITE IS REFERENCE IN 1961 "A FLORA OF THE SANTA CRUZ MOUNTAINS OF CALIFORNIA". UNKNOWN DATE OF SITE VISIT. NEEDS FIELDWORK.

Owner/Manager: UNKNOWN



Multiple Occurrences per Page
California Department of Fish and Wildlife
California Natural Diversity Database



<i>Fritillaria liliacea</i>		Element Code: PMLIL0V0C0	
fragrant fritillary			
Listing Status:	Federal: None	CNDDDB Element Ranks:	Global: G2
	State: None		State: S2
	Other: Rare Plant Rank - 1B.2, USFS_S-Sensitive		
Habitat:	General: COASTAL SCRUB, VALLEY AND FOOTHILL GRASSLAND, COASTAL PRAIRIE, CISMONTANE WOODLAND.		
	Micro: OFTEN ON SERPENTINE; VARIOUS SOILS REPORTED THOUGH USUALLY CLAY, IN GRASSLAND. 3-400 M.		

Occurrence No.	32	Map Index: 25034	EO Index: 6266	Element Last Seen:	2007-XX-XX
Occ. Rank:	Fair		Presence: Presumed Extant	Site Last Seen:	2007-XX-XX
Occ. Type:	Natural/Native occurrence		Trend: Decreasing	Record Last Updated:	2014-08-14

Quad Summary: San Jose East (3712137)
County Summary: Santa Clara

Lat/Long:	37.28623 / -121.78910	Accuracy:	specific area
UTM:	Zone-10 N4127313 E607337	Elevation (ft):	700
PLSS:	T07S, R02E, Sec. 31 (M)	Acres:	6.0

Location: RIDGE BETWEEN HIGHWAY 101 AND SILVER CREEK ROAD, ABOUT 1.5 AIR MILES SOUTH OF THE TOWN OF EVERGREEN.
Detailed Location: TWO COLONIES WITHIN THE RANCH ON SILVER CREEK PRESERVE. MAPPED WITHIN THE SE 1/4 OF SE 1/4 OF SECTION 30 AND THE NE 1/4 OF THE NE 1/4 OF SECTION 31. SITE QUALITY RANGED FROM EXCELLENT TO POOR.
Ecological: HABITAT DESCRIBED AS "NON-NATIVE SERPENTINE GRASSLAND" DOMINATED BY AVENA BARBATA AND BROMUS MOLLIS. ASSOCIATES INCLUDE NASSELLA PULCHRA, POA SCABRELLA, DUDLEYA SETCHELLII, CIRSIUM CAMPYLON, AND STREPTANTHUS ALBIDUS SSP. ALBIDUS.
General: ~185 PLANTS SEEN DURING 1990-1992 SURVEYS. POSSIBLY SEEN DURING 1991-1995 BUTTERFLY SURVEYS. N COLONY: 76 IN 1998, 8 IN 2000, 3 IN 2001, 20 IN 2002. NO PLANTS SEEN IN 2003 & 2004. 18 PLANTS IN 2005, 15 IN 2006, 5 IN 2007.
Owner/Manager: CITY OF SAN JOSE

Special-Status Fish and Wildlife with Potential to Occur in Project Footprint

Scientific and Common Name	Status: Federal/State	California Distribution	Habitats	Potential to Occur within BART Extension Footprint
<i>Corynorhinus townsendii</i> Townsend's big-eared bat	--/SSC	Coastal regions from Del Norte County south to Santa Barbara County	Roosts in caves, tunnels, mines, and dark attics of abandoned buildings. Very sensitive to disturbances and may abandon a roost after one onsite visit	None; the BART Extension footprint and surrounding areas are highly developed. There is no suitable habitat within the BART Extension footprint.
<i>Lasiurus cinereus</i> Hoary bat	--/--	Widespread throughout California	Roosts in trees, typically within forests.	Moderate (non-maternal roosts only); habitat exists within the BART Extension footprint within existing dense stands of trees. There is one CNDDDB occurrence documented within 2 miles of the BART Extension footprint from 1992 that was located at the intersection of Interstate 87 and Highway 280.
<i>Myotis evotis</i> Long-eared myotis	--/--	Occurs throughout California except the southeastern deserts and the Central Valley.	Occurs primarily in high elevation coniferous forests, but also found in mixed hardwood/conifer, high desert, and humid coastal conifer habitats.	None; no suitable habitat within the BART Extension footprint and there are no CNDDDB occurrences documented within 2 miles of the BART Extension footprint.
<i>Vulpes macrotis mutica</i> San Joaquin kit fox	E/T	Principally occurs in the San Joaquin Valley and adjacent open foothills to the west; recent records from 17 counties extending from Kern County north to Contra Costa County	Saltbush scrub, grassland, oak, savanna, and freshwater scrub	None; no suitable habitat within the BART Extension footprint and there are no CNDDDB occurrences documented within 2 miles of the BART Extension footprint.

Scientific and Common Name	Status: Federal/State	California Distribution	Habitats	Potential to Occur within BART Extension Footprint
<p><u>Status Explanations</u></p> <p>Federal</p> <ul style="list-style-type: none"> E = listed as endangered under the ESA T = listed as threatened under the ESA PT = proposed for federal listing as threatened under the ESA C = species for which USFWS has on file sufficient information on biological vulnerability and threat(s) to support issuance of a proposed rule to list, but issuance of the proposed rule is precluded D = delisted - = no listing <p>State</p> <ul style="list-style-type: none"> E = listed as endangered under CESA T = listed as threatened under CESA FP = fully protected under the California Fish and Game Code SSC = species of special concern in California D = delisted - = no listing <p>Potential Occurrence in the Study area</p> <p>High: Known occurrences of the species within the study area, or CNDDDB, or other documents, records the occurrence of the species within a 2-mile radius of the study area; suitable habitat is present within the study area</p> <p>Moderate: CNDDDB, or other documents, records the known occurrence of the species within a 2-mile radius of the study area; poor quality suitable habitat is present within the study area</p> <p>Low: CNDDDB, or other documents, does not record the occurrence of the species within a 2-mile radius of the study area; suitable habitat is present within the study area</p>				

VTA BART Silicon Valley Phase II Extension Project

IPaC Trust Resource Report

Generated September 24, 2015 10:45 AM MDT

This report is for informational purposes only and should not be used for planning or analyzing project-level impacts. For projects that require FWS review, please return to this project on the IPaC website and request an official species list from the Regulatory Documents page.



US Fish & Wildlife Service

IPaC Trust Resource Report



Project Description

NAME

VTA BART Silicon Valley Phase II
Extension Project

PROJECT CODE

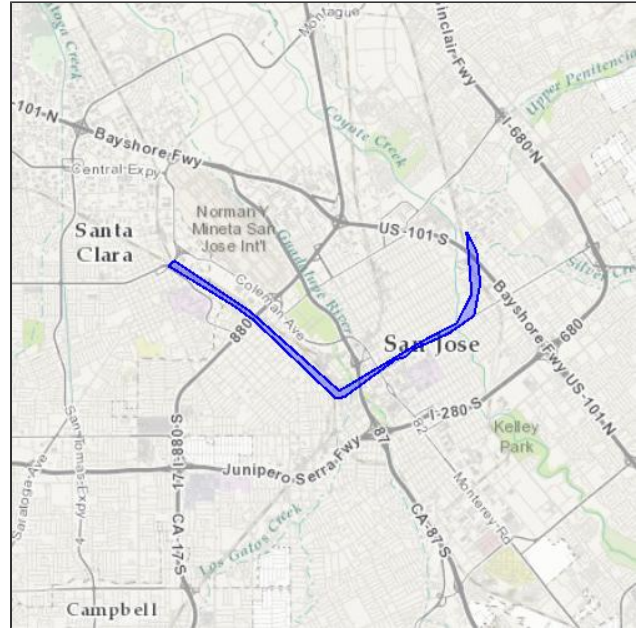
WQ4JK-O2RWR-ATPBV-WBAPS-XTZ7O4

LOCATION

Santa Clara County, California

DESCRIPTION

Installation of BART stations and
associated infrastructure in San Jose
CA



U.S. Fish & Wildlife Contact Information

Species in this report are managed by:

Sacramento Fish And Wildlife Office

Federal Building

2800 COTTAGE WAY, ROOM W-2605

Sacramento, CA 95825-1846

(916) 414-6600

Endangered Species

Proposed, candidate, threatened, and endangered species that are managed by the [Endangered Species Program](#) and should be considered as part of an effect analysis for this project.

This unofficial species list is for informational purposes only and does not fulfill the requirements under [Section 7](#) of the Endangered Species Act, which states that Federal agencies are required to "request of the Secretary of Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action." This requirement applies to projects which are conducted, permitted or licensed by any Federal agency.

A letter from the local office and a species list which fulfills this requirement can be obtained by returning to this project on the IPaC website and requesting an official species list on the Regulatory Documents page.

Amphibians

California Red-legged Frog *Rana draytonii*

Threatened

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=D02D>

California Tiger Salamander *Ambystoma californiense*

Threatened

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=D01T>

Birds

California Clapper Rail *Rallus longirostris obsoletus*

Endangered

CRITICAL HABITAT

No critical habitat has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B04A>

California Least Tern *Sterna antillarum browni*

Endangered

CRITICAL HABITAT

No critical habitat has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B03X>

Fishes

Delta Smelt *Hypomesus transpacificus* **Threatened**
 CRITICAL HABITAT
 There is **final** critical habitat designated for this species.
<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=E070>

Steelhead *Oncorhynchus (=Salmo) mykiss* **Threatened**
 CRITICAL HABITAT
 There is **final** critical habitat designated for this species.
<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=E08D>

Flowering Plants

Contra Costa Goldfields *Lasthenia conjugens* **Endangered**
 CRITICAL HABITAT
 There is **final** critical habitat designated for this species.
<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=Q122>

Metcalf Canyon Jewelflower *Streptanthus albidus* ssp. *albidus* **Endangered**
 CRITICAL HABITAT
No critical habitat has been designated for this species.
<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=Q222>

Santa Clara Valley Dudleya *Dudleya setchellii* **Endangered**
 CRITICAL HABITAT
No critical habitat has been designated for this species.
<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=Q32V>

Insects

Bay Checkerspot Butterfly *Euphydryas editha bayensis* **Threatened**
 CRITICAL HABITAT
 There is **final** critical habitat designated for this species.
<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=I021>

San Bruno Elfin Butterfly *Callophrys mossii bayensis* **Endangered**
 CRITICAL HABITAT
No critical habitat has been designated for this species.
<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=I00Q>

Mammals

San Joaquin Kit Fox *Vulpes macrotis mutica* **Endangered**
 CRITICAL HABITAT
No critical habitat has been designated for this species.
<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=A006>

Critical Habitats

Potential effects to critical habitat(s) within the project area must be analyzed along with the endangered species themselves.

Steelhead Critical Habitat Final designated

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=E08D#crithab>

Migratory Birds

Birds are protected by the [Migratory Bird Treaty Act](#) and the Bald and Golden Eagle Protection Act.

Any activity which results in the take of migratory birds or eagles is prohibited unless authorized by the U.S. Fish and Wildlife Service (1). There are no provisions for allowing the take of migratory birds that are unintentionally killed or injured.

You are responsible for complying with the appropriate regulations for the protection of birds as part of this project. This involves analyzing potential impacts and implementing appropriate conservation measures for all project activities.

Allen's Hummingbird <i>Selasphorus sasin</i> Season: Breeding	Bird of conservation concern
Bald Eagle <i>Haliaeetus leucocephalus</i> Year-round https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B008	Bird of conservation concern
Bell's Sparrow <i>Amphispiza belli</i> Year-round https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0HE	Bird of conservation concern
Black Swift <i>Cypseloides niger</i> Season: Breeding https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0FW	Bird of conservation concern
Black-chinned Sparrow <i>Spizella atrogularis</i> Season: Breeding	Bird of conservation concern
Burrowing Owl <i>Athene cunicularia</i> Year-round	Bird of conservation concern
California Spotted Owl <i>Strix occidentalis occidentalis</i> Year-round https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B08L	Bird of conservation concern
Costa's Hummingbird <i>Calypte costae</i> Season: Breeding	Bird of conservation concern
Fox Sparrow <i>Passerella iliaca</i> Season: Wintering	Bird of conservation concern
Lawrence's Goldfinch <i>Carduelis lawrencei</i> Season: Breeding https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0J8	Bird of conservation concern
Least Bittern <i>Ixobrychus exilis</i> Season: Breeding	Bird of conservation concern
Lesser Yellowlegs <i>Tringa flavipes</i> Season: Wintering	Bird of conservation concern
Lewis's Woodpecker <i>Melanerpes lewis</i> Season: Wintering	Bird of conservation concern

Loggerhead Shrike <i>Lanius ludovicianus</i> Season: Wintering https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0FY	Bird of conservation concern
Long-billed Curlew <i>Numenius americanus</i> Season: Wintering https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B06S	Bird of conservation concern
Marbled Godwit <i>Limosa fedoa</i> Season: Wintering https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0JL	Bird of conservation concern
Nuttall's Woodpecker <i>Picoides nuttallii</i> Year-round	Bird of conservation concern
Oak Titmouse <i>Baeolophus inornatus</i> Year-round	Bird of conservation concern
Olive-sided Flycatcher <i>Contopus cooperi</i> Season: Breeding https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0AN	Bird of conservation concern
Peregrine Falcon <i>Falco peregrinus</i> Year-round https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0FU	Bird of conservation concern
Short-billed Dowitcher <i>Limnodromus griseus</i> Season: Wintering	Bird of conservation concern
Short-eared Owl <i>Asio flammeus</i> Season: Wintering https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0HD	Bird of conservation concern
Swainson's Hawk <i>Buteo swainsoni</i> Season: Breeding https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B070	Bird of conservation concern
Tricolored Blackbird <i>Agelaius tricolor</i> Year-round https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B06P	Bird of conservation concern

Refuges

Any activity proposed on [National Wildlife Refuge](#) lands must undergo a 'Compatibility Determination' conducted by the Refuge. If your project overlaps or otherwise impacts a Refuge, please contact that Refuge to discuss the authorization process.

There are no refuges within this project area

Wetlands

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

Project proponents should discuss the relationship of these requirements to their project with the Regulatory Program of the appropriate [U.S. Army Corps of Engineers District](#).

DATA LIMITATIONS

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

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

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

DATA EXCLUSIONS

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

DATA PRECAUTIONS

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

Freshwater Forested/shrub Wetland

PFOA

210.0 acres

CNPS *California Native Plant* Rare and Endangered Plant Inventory

Plant List

127 matches found. *Click on scientific name for details*

Search Criteria

FESA is one of [Endangered, Threatened, Species of Concern],
CESA is one of [Endangered, Threatened, Rare]

Scientific Name	Common Name	Family	Lifeform	Rare Plant Rank	State Rank	Global Rank
Acanthomintha duttonii	San Mateo thorn-mint	Lamiaceae	annual herb	1B.1	S1	G1
Acanthomintha ilicifolia	San Diego thorn-mint	Lamiaceae	annual herb	1B.1	S1	G1
Acmispon dendroideus var. traskiae	San Clemente Island lotus	Fabaceae	perennial shrub	1B.3	S3	G4T3
Allium munzii	Munz's onion	Alliaceae	perennial bulbiferous herb	1B.1	S1	G1
Amsinckia grandiflora	large-flowered fiddleneck	Boraginaceae	annual herb	1B.1	S1	G1
Arabis mcdonaldiana	McDonald's rockcress	Brassicaceae	perennial herb	1B.1	S3	G3
Arctostaphylos montana ssp. ravenii	Presidio manzanita	Ericaceae	perennial evergreen shrub	1B.1	S1	G3T1
Arctostaphylos pallida	pallid manzanita	Ericaceae	perennial evergreen shrub	1B.1	S1	G1
Arenaria paludicola	marsh sandwort	Caryophyllaceae	perennial stoloniferous herb	1B.1	S1	G1
Astragalus claranus	Clara Hunt's milk-vetch	Fabaceae	annual herb	1B.1	S1	G1
Astragalus magdalenae var. peirsonii	Peirson's milk-vetch	Fabaceae	perennial herb	1B.2	S2	G3G4T2
Astragalus pycnostachyus var. lanosissimus	Ventura marsh milk-vetch	Fabaceae	perennial herb	1B.1	S1	G2T1
Astragalus tener var. titi	coastal dunes milk-vetch	Fabaceae	annual herb	1B.1	S1	G2T1
Baccharis vanessae	Encinitas baccharis	Asteraceae	perennial deciduous shrub	1B.1	S1	G1
Berberis nevinii	Nevin's barberry	Berberidaceae	perennial evergreen shrub	1B.1	S1	G1
Berberis pinnata ssp. insularis	island barberry	Berberidaceae	perennial evergreen shrub	1B.2	S1	G5T1
Blennosperma bakeri	Sonoma sunshine	Asteraceae	annual herb	1B.1	S1	G1
Brodiaea filifolia	thread-leaved brodiaea	Themidaceae	perennial bulbiferous herb	1B.1	S2	G2
Brodiaea pallida	Chinese Camp brodiaea	Themidaceae	perennial bulbiferous herb	1B.1	S1	G1

<u>Calochortus persistens</u>	Siskiyou mariposa lily	Liliaceae	perennial bulbiferous herb	1B.2	S1	G2
<u>Calochortus tiburonensis</u>	Tiburon mariposa lily	Liliaceae	perennial bulbiferous herb	1B.1	S1	G1
<u>Calystegia stebbinsii</u>	Stebbins' morning- glory	Convolvulaceae	perennial rhizomatous herb	1B.1	S1	G1
<u>Castilleja affinis var. neglecta</u>	Tiburon paintbrush	Orobanchaceae	perennial herb (hemiparasitic)	1B.2	S1	G4G5T1
<u>Castilleja campestris var. succulenta</u>	succulent owl's-clover	Orobanchaceae	annual herb (hemiparasitic)	1B.2	S2	G4?T2
<u>Castilleja grisea</u>	San Clemente Island paintbrush	Orobanchaceae	perennial herb (hemiparasitic)	1B.3	S3	G3
<u>Caulanthus californicus</u>	California jewel-flower	Brassicaceae	annual herb	1B.1	S1	G1
<u>Ceanothus ophiochilus</u>	Vail Lake ceanothus	Rhamnaceae	perennial evergreen shrub	1B.1	S1	G1
<u>Ceanothus roderickii</u>	Pine Hill ceanothus	Rhamnaceae	perennial evergreen shrub	1B.1	S1	G1
<u>Cercocarpus traskiae</u>	Catalina Island mountain-mahogany	Rosaceae	perennial evergreen shrub	1B.1	S1	G1
<u>Chlorogalum purpureum var. reductum</u>	Camatta Canyon amole	Agavaceae	perennial bulbiferous herb	1B.1	S1	G2T1
<u>Chloropyron maritimum ssp. maritimum</u>	salt marsh bird's-beak	Orobanchaceae	annual herb (hemiparasitic)	1B.2	S1	G4?T1
<u>Chloropyron molle ssp. molle</u>	soft bird's-beak	Orobanchaceae	annual herb (hemiparasitic)	1B.2	S1	G2T1
<u>Chloropyron palmatum</u>	palmate-bracted bird's- beak	Orobanchaceae	annual herb (hemiparasitic)	1B.1	S1	G1
<u>Chorizanthe howellii</u>	Howell's spineflower	Polygonaceae	annual herb	1B.2	S1	G1
<u>Chorizanthe orcuttiana</u>	Orcutt's spineflower	Polygonaceae	annual herb	1B.1	S1	G1
<u>Chorizanthe parryi var. fernandina</u>	San Fernando Valley spineflower	Polygonaceae	annual herb	1B.1	S1	G2T1
<u>Chorizanthe valida</u>	Sonoma spineflower	Polygonaceae	annual herb	1B.1	S1	G1
<u>Cirsium fontinale var. fontinale</u>	Crystal Springs fountain thistle	Asteraceae	perennial herb	1B.1	S1	G2T1
<u>Cirsium fontinale var. obispoense</u>	San Luis Obispo fountain thistle	Asteraceae	perennial herb	1B.2	S2	G2T2
<u>Cirsium scariosum var. loncholepis</u>	La Graciosa thistle	Asteraceae	perennial herb	1B.1	S1	G5T1
<u>Clarkia franciscana</u>	Presidio clarkia	Onagraceae	annual herb	1B.1	S1	G1
<u>Clarkia imbricata</u>	Vine Hill clarkia	Onagraceae	annual herb	1B.1	S1	G1
<u>Clarkia speciosa ssp. immaculata</u>	Pismo clarkia	Onagraceae	annual herb	1B.1	S1	G4T1
<u>Clarkia springvillensis</u>	Springville clarkia	Onagraceae	annual herb	1B.2	S2	G2
<u>Cordylanthus tenuis ssp. capillaris</u>	Pennell's bird's-beak	Orobanchaceae	annual herb (hemiparasitic)	1B.2	S1	G4G5T1
<u>Deinandra coniugens</u>	Otay tarplant	Asteraceae	annual herb	1B.1	S1	G1
<u>Deinandra increscens ssp. villosa</u>	Gaviota tarplant	Asteraceae	annual herb	1B.1	S2	G4G5T2
<u>Delphinium bakeri</u>	Baker's larkspur	Ranunculaceae	perennial herb	1B.1	S1	G1

<u>Delphinium luteum</u>	golden larkspur	Ranunculaceae	perennial herb	1B.1	S1	G1
<u>Delphinium variegatum ssp. kinkiense</u>	San Clemente Island larkspur	Ranunculaceae	perennial herb	1B.1	S2	G4T2
<u>Dodecahema leptoceras</u>	slender-horned spineflower	Polygonaceae	annual herb	1B.1	S1	G1
<u>Dudleya cymosa ssp. marcescens</u>	marcescent dudleya	Crassulaceae	perennial herb	1B.2	S2	G5T2
<u>Dudleya nesiotica</u>	Santa Cruz Island dudleya	Crassulaceae	perennial herb	1B.1	S1	G1
<u>Dudleya stolonifera</u>	Laguna Beach dudleya	Crassulaceae	perennial stoloniferous herb	1B.1	S1	G1
<u>Dudleya traskiae</u>	Santa Barbara Island dudleya	Crassulaceae	perennial herb	1B.2	S1	G1
<u>Eriastrum densifolium ssp. sanctorum</u>	Santa Ana River woollystar	Polemoniaceae	perennial herb	1B.1	S1	G4T1
<u>Eriodictyon altissimum</u>	Indian Knob mountainbalm	Boraginaceae	perennial evergreen shrub	1B.1	S1	G1
<u>Eriodictyon capitatum</u>	Lompoc yerba santa	Boraginaceae	perennial evergreen shrub	1B.2	S2	G2
<u>Eriogonum apricum var. apricum</u>	lone buckwheat	Polygonaceae	perennial herb	1B.1	S1	G2T1
<u>Eriogonum apricum var. prostratum</u>	Irish Hill buckwheat	Polygonaceae	perennial herb	1B.1	S1	G2T1
<u>Eriogonum kelloggii</u>	Kellogg's buckwheat	Polygonaceae	perennial herb	1B.2	S2	G2
<u>Eriophyllum latilobum</u>	San Mateo woolly sunflower	Asteraceae	perennial herb	1B.1	S1	G1
<u>Eryngium aristulatum var. parishii</u>	San Diego button-celery	Apiaceae	annual / perennial herb	1B.1	S1	G5T1
<u>Eryngium constancei</u>	Loch Lomond button-celery	Apiaceae	annual / perennial herb	1B.1	S1	G1
<u>Erysimum capitatum var. angustatum</u>	Contra Costa wallflower	Brassicaceae	perennial herb	1B.1	S1	G5T1
<u>Erysimum menziesii</u>	Menzies' wallflower	Brassicaceae	perennial herb	1B.1	S1	G1
<u>Erysimum teretifolium</u>	Santa Cruz wallflower	Brassicaceae	perennial herb	1B.1	S2	G2
<u>Fremontodendron decumbens</u>	Pine Hill flannelbush	Malvaceae	perennial evergreen shrub	1B.2	S1	G1
<u>Fremontodendron mexicanum</u>	Mexican flannelbush	Malvaceae	perennial evergreen shrub	1B.1	S1	G1
<u>Galium buxifolium</u>	box bedstraw	Rubiaceae	perennial deciduous shrub	1B.2	S1	G1
<u>Galium californicum ssp. sierrae</u>	El Dorado bedstraw	Rubiaceae	perennial herb	1B.2	S1	G5T1
<u>Gilia tenuiflora ssp. arenaria</u>	Monterey gilia	Polemoniaceae	annual herb	1B.2	S2	G3G4T2
<u>Hazardia orcuttii</u>	Orcutt's hazardia	Asteraceae	perennial evergreen shrub	1B.1	S1	G1
<u>Hesperocyparis abramsiana var. abramsiana</u>	Santa Cruz cypress	Cupressaceae	perennial evergreen tree	1B.2	S1.1	G1T1
<u>Hesperocyparis abramsiana var. butanoensis</u>	Butano Ridge cypress	Cupressaceae	perennial evergreen tree	1B.2	S1	G1T1
<u>Hesperolinon congestum</u>	Marin western flax	Linaceae	annual herb	1B.1	S2	G2

<u>Holocarpha macradenia</u>	Santa Cruz tarplant	Asteraceae	annual herb	1B.1	S1	G1
<u>Lasthenia burkei</u>	Burke's goldfields	Asteraceae	annual herb	1B.1	S1	G1
<u>Layia carnosa</u>	beach layia	Asteraceae	annual herb	1B.1	S2	G2
<u>Lessingia germanorum</u>	San Francisco lessingia	Asteraceae	annual herb	1B.1	S1	G1
<u>Lilium occidentale</u>	western lily	Liliaceae	perennial bulbiferous herb	1B.1	S1	G1
<u>Lilium pardalinum ssp. pitkinense</u>	Pitkin Marsh lily	Liliaceae	perennial bulbiferous herb	1B.1	S1	G5T1
<u>Limnanthes floccosa ssp. californica</u>	Butte County meadowfoam	Limnanthaceae	annual herb	1B.1	S1	G4T1
<u>Limnanthes vinculans</u>	Sebastopol meadowfoam	Limnanthaceae	annual herb	1B.1	S1	G1
<u>Lithophragma maximum</u>	San Clemente Island woodland star	Saxifragaceae	perennial rhizomatous herb	1B.1	S1	G1
<u>Lupinus nipomensis</u>	Nipomo Mesa lupine	Fabaceae	annual herb	1B.1	S1	G1
<u>Lupinus tidestromii</u>	Tidestrom's lupine	Fabaceae	perennial rhizomatous herb	1B.1	S1	G1
<u>Malacothamnus clementinus</u>	San Clemente Island bush-mallow	Malvaceae	perennial deciduous shrub	1B.1	S2	G2
<u>Malacothamnus fasciculatus var. nesioticus</u>	Santa Cruz Island bush-mallow	Malvaceae	perennial deciduous shrub	1B.1	S1	G4T1Q
<u>Monardella viminea</u>	willowy monardella	Lamiaceae	perennial herb	1B.1	S1	G1
<u>Nasturtium gambelii</u>	Gambel's water cress	Brassicaceae	perennial rhizomatous herb	1B.1	S1	G1
<u>Navarretia leucocephala ssp. pauciflora</u>	few-flowered navarretia	Polemoniaceae	annual herb	1B.1	S1	G4T1
<u>Navarretia leucocephala ssp. plieantha</u>	many-flowered navarretia	Polemoniaceae	annual herb	1B.2	S1	G4T1
<u>Neostapfia colusana</u>	Colusa grass	Poaceae	annual herb	1B.1	S2	G2
<u>Nitrophila mohavensis</u>	Amargosa nitrophila	Amaranthaceae	perennial herb	1B.1	S1	G1
<u>Oenothera californica ssp. eurekaensis</u>	Eureka Dunes evening-primrose	Onagraceae	perennial rhizomatous herb	1B.2	S2	G4?T2
<u>Oenothera deltooides ssp. howellii</u>	Antioch Dunes evening-primrose	Onagraceae	perennial herb	1B.1	S1	G5T1
<u>Opuntia basilaris var. treleasei</u>	Bakersfield cactus	Cactaceae	perennial stem succulent	1B.1	S1	G5T1
<u>Orcuttia californica</u>	California Orcutt grass	Poaceae	annual herb	1B.1	S1	G1
<u>Orcuttia inaequalis</u>	San Joaquin Valley Orcutt grass	Poaceae	annual herb	1B.1	S1	G1
<u>Orcuttia pilosa</u>	hairy Orcutt grass	Poaceae	annual herb	1B.1	S1	G1
<u>Orcuttia tenuis</u>	slender Orcutt grass	Poaceae	annual herb	1B.1	S2	G2
<u>Orcuttia viscida</u>	Sacramento Orcutt grass	Poaceae	annual herb	1B.1	S1	G1
<u>Packera layneae</u>	Layne's ragwort	Asteraceae	perennial herb	1B.2	S2	G2
<u>Pentachaeta bellidiflora</u>	white-rayed pentachaeta	Asteraceae	annual herb	1B.1	S1	G1
<u>Pentachaeta lyonii</u>	Lyon's pentachaeta	Asteraceae	annual herb	1B.1	S1	G1

Phlox hirsuta	Yreka phlox	Polemoniaceae	perennial herb	1B.2	S1	G1
Plagiobothrys strictus	Calistoga popcorn-flower	Boraginaceae	annual herb	1B.1	S1	G1
Poa napensis	Napa blue grass	Poaceae	perennial herb	1B.1	S1	G1
Pogogyne abramsii	San Diego mesa mint	Lamiaceae	annual herb	1B.1	S1	G1
Pogogyne nudiuscula	Otay Mesa mint	Lamiaceae	annual herb	1B.1	S1	G1
Polygonum hickmanii	Scotts Valley polygonum	Polygonaceae	annual herb	1B.1	S1	G1
Potentilla hickmanii	Hickman's cinquefoil	Rosaceae	perennial herb	1B.1	S1	G1
Pseudobahia bahiifolia	Hartweg's golden sunburst	Asteraceae	annual herb	1B.1	S2	G2
Pseudobahia peirsonii	San Joaquin adobe sunburst	Asteraceae	annual herb	1B.1	S1	G1
Rorippa subumbellata	Tahoe yellow cress	Brassicaceae	perennial rhizomatous herb	1B.1	S1	G1
Sedella leiocarpa	Lake County stonecrop	Crassulaceae	annual herb	1B.1	S1	G1
Sidalcea oregana ssp. valida	Kenwood Marsh checkerbloom	Malvaceae	perennial rhizomatous herb	1B.1	S1	G5T1
Sidalcea pedata	bird-foot checkerbloom	Malvaceae	perennial herb	1B.1	S1	G1
Streptanthus glandulosus ssp. niger	Tiburon jewel-flower	Brassicaceae	annual herb	1B.1	S1	G4T1
Swallenia alexandrae	Eureka Valley dune grass	Poaceae	perennial rhizomatous herb	1B.2	S2	G2
Thelypodium stenopetalum	slender-petaled thelypodium	Brassicaceae	perennial herb	1B.1	S1	G1
Trifolium trichocalyx	Monterey clover	Fabaceae	annual herb	1B.1	S1	G1
Tuctoria greenei	Greene's tuctoria	Poaceae	annual herb	1B.1	S1	G1
Tuctoria mucronata	Crampton's tuctoria or Solano grass	Poaceae	annual herb	1B.1	S1	G1
Verbena californica	Red Hills vervain	Verbenaceae	perennial herb	1B.1	S2	G2
Verbesina dissita	big-leaved crownbeard	Asteraceae	perennial herb	1B.1	S1	G2G3

Suggested Citation

CNPS, Rare Plant Program. 2015. Inventory of Rare and Endangered Plants (online edition, v8-02). California Native Plant Society, Sacramento, CA. Website <http://www.rareplants.cnps.org> [accessed 24 September 2015].

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